## Mini-Sentinel

## Modular Program Report

The following report(s) provides findings from an FDA-initiated query using its Mini-Sentinel pilot. While Mini-Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Mini-Sentinel, and seeking to better understand the capabilities of the Mini-Sentinel pilot.

Data obtained through Mini-Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from the Mini-Sentinel pilot in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Mini-Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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## Request Description

FDA requested use of the Cohort Identification and Descriptive Analysis (CIDA) Tool to investigate alendronate episodes, risedronate episodes, and ibandronate episodes and subsequent events, including fracture of interest, esophageal cancer, hip fracture, non-vertebral fracture, or osteonecrosis of the jaw in the Mini-Sentinel Distributed Database. Please see Appendix A for a list of ICD-9-CM diagnosis codes used for fracture of interest, esophageal cancer, hip fracture, non-vertebral fracture, and osteonecrosis of the jaw. Two runs of the CIDA tool were required. The time window for this request was January 1 , 2006 to December 31, 2013. The package was distributed to three Data Partners on December 5, 2014 and one Data Partner on January 7, 2015; this report contains information from four Data Partners. Please see the Specifications tab for more details on each scenario.
(1) When interpreting changes in raw counts of drug product users over time, it is important to understand the way in which the Mini-Sentinel Distributed Database (MSDD) population is constructed. For example, one large data partner has data beginning in mid-2007, while two other large data partners have data beginning in January of 2008. Increases in the raw numbers of drug product users in these years are likely due to the introduction of these data partners. Moreover, each Data Partner's data ends on a different date. Thus, year-to-year changes should not be interpreted as trends in drug products.
(2) This request contains multiple scenarios where we vary the minimum episode duration and the exposure extension period (see the glossary tab for definitions of these terms). Please note that the exposure extension period is taken into consideration before the minimum episode duration is taken into consideration. For example, if we are looking at multiple scenarios, all with a minimum episode duration of 365 days, but with varying exposure extension periods, we will see more drug product users as the exposure extension period increases. The exposure extension period includes time not exposed to the drug as part of the exposure episode.
to16_cap_mpl1r_wp013_nsdp_v01
Mini-Sentinel's Randomization Workgroup
Program Parameter Inputs and Scenarios
Glossary List of Terms found in this Report and their Definitions

Table 1A Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use for Alendronate.

Table 1B Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/ Events/10K Years at Risk, per User by Drug Use for Risedonate.

Table 1C Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use for Ibandronate.

Table 2A Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Age Group for Alendronate

Table 2B Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Age Group for Risedronate.

Table 2C
Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Age Group for Ibandronate.

Table 3A
Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Sex for Alendronate.

Table 3B Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Sex for Risedronate.

Table 3C Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Years at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/Events/10K Years at Risk, per User by Drug Use and Sex for Ibandronate.

| Table 4A | Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Days at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/ Events/10K Days at Risk, per User by Drug Use and Year-Month for Alendronate. |
| :---: | :---: |
| Charts 4A | Chart displaying the Number of Users by Drug Use and Year-Month for Alendronate. |
| Table 4B | Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Days at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/ Events/10K Days at Risk, per User by Drug Use and Year-Month for Risedronate. |
| Charts 4B | Chart displaying the Number of Users by Drug Use and Year-Month for Risedronate. |
| Table 4C | Table displaying the Number of Users, Dispensings, Days Supplied, Amount Supplied, Days at Risk, Episodes w/ Events, Eligible Members, Member-Years, Users/1K Eligible Members, Days Supplied/User, Dispensings/User, Days Supplied/Dispensing, and Episodes w/ Events/10K Days at Risk, per User by Drug Use and Year-Month for Ibandronate. |
| Charts 4C | Chart displaying the Number of Users by Drug Use and Year-Month for Ibandronate. |
| Table 5 | Attrition Table by Scenario and Exclusion. |
| Appendix A | List of ICD-9-CM Diagnosis Codes used for Fracture of Interest, Esophageal Cancer, Hip Fracture, Non-vertebral Fracture, and Osteonecrosis of the Jaw included in this Request. |
| Notes: | Please contact the Mini-Sentinel Operations Center (MSOC_Requests@harvardpilgrim.org) for questions and to provide comments/suggestions for future enhancements to this document. |

## to16_cap_mpl1r_wp013_nsdp_v01 specifications

The Randomization Workgroup requested use of the Level 1 CIDA Tool to investigate alendronate episodes, risedronate episodes, and ibandronate episodes and subsequent events (fracture of interest, esophageal cancer, hip fracture, non-vertebral fracture, or osteonecrosis of the jaw) in the Mini-Sentinel Distributed Database. Seventy-eight scenarios were examined with different exposures, events, minimum episode durations, and exposure extension periods. Please see below for more detail on each scenario.

| Scenario | Cove Enroll | Enrollment Gap Age Group Query Period age Requiremen ent Requiremen | $\begin{aligned} & 45 \text { days } \\ & 45-49,50-54,55-59,60-64,65-74,75-79,80-84,85-89,90+ \\ & 1 / 1 / 2006-12 / 31 / 2013 \\ & \text { Medical and Drug Coverage } \\ & 1 \text { day } \\ & \quad \text { Drug/Exposure } \end{aligned}$ |  |  |  |  |  | Event/Outcome |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Incident exposure | Incident w/ respect to: | Washout (days) | Cohort Definition | Episode Gap | Exposure <br> Extension <br> Period |  | Min Days Supplied | Event/Outcome | Care Setting/Principle Diagnosis Indicator | Incident w/ respect to: | Washout (days) | Blackout Period |
| 1 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 2 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 365 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 3 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 730 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 4 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1096 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 5 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1461 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 6 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1826 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 7 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 8 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 730 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 9 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1461 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 10 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 11 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 730 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 12 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1461 | 1 | Fracture of interest | Any | Fracture of interest | 90 | 0 |
| 13 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 14 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 365 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 15 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 730 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 16 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1096 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 17 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1461 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 18 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1826 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 19 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 20 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 730 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 21 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1461 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 22 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 23 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 730 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 24 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1461 | 1 | Esophageal cancer | Any | Esophageal cancer | 90 | 0 |
| 25 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 26 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 365 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 27 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 730 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 28 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1096 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 29 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1461 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 30 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1826 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 31 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 32 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 730 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 33 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1461 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 34 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| 35 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 730 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |


| 36 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1461 | 1 | Hip fracture | Any | Hip fracture | 90 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 37 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 38 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 365 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 39 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 730 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 40 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1096 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 41 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1461 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 42 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1826 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 43 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 44 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 730 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 45 | Alendronate | Alendronate | 0 | 01 | 30 | 183 | 1461 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 46 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 47 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 730 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 48 | Alendronate | Alendronate | 0 | 01 | 30 | 365 | 1461 | 1 | Non-vertebral fracture | Any | Non-vertebral fracture | 90 | 0 |
| 49 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 1 | 1 | Osteonecrosis of the jaw | Any | Osteonecrosis of the jaw | 90 | 0 |
| 50 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 365 | 1 | Osteonecrosis of the jaw | Any | Osteonecrosis of the jaw | 90 | 0 |
| 51 | Alendronate | Alendronate | 0 | 01 | 30 | 0 | 730 | 1 | Osteonecrosis of the jaw | Any | Osteonecrosis of the jaw | 90 | 0 |

## Glossary of Terms in CIDA*

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing. This is equivalent to the "RxAmt" value in the MSCDM.
Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or missing (U)
Cohort Definition (drug/exposure)- Indicates how the cohort will be defined: (1) 01: Cohort includes only the first valid incident treatment episode during the query period; (2) 02:
Cohort includes all valid incident treatment episodes during the query period; (3) 03: Cohort includes all valid incident treatment episodes during the query period until an event occurs

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.
Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25 .
Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.
Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.
Event Deduplication - specifies how events are counted by the MP algorithm: (0): 0: Counts all occurrences of and HOI during an exposure episode; (1) 1: de-duplicates occurrences of the same HOI code and code type on the same day; (3) 3: de-duplicates occurrences of the same HOI group on the same day (eg. de-duplicates at the group level)

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode.
Exposure Episode Length - number of days after exposure initiation that is considered "exposed time".
Lookback Period (pre-existing condition) - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered
Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered
New Episodes - new treatment episodes; length of episode is determined by days supplied in one dispensing (or consecutive dispensings bridged by the episode gap.
New Users - number of members with incident exposure during the query period. Member must have no evidence of exposure (s) of interest (defined by incidence criteria) in the prior washout period. A user may only be counted once in a query period.
Query Period - period in which the modular program looks for exposures and outcomes of interest.
Treatment Episode Truncation Indicator - indicates whether observation of the incident query code during follow-up requires truncation of valid treatment episodes. A value of $Y$ indicates that the treatment episodes should be truncated at the first occurrence of an incident query code. A value of $N$ indicates that the treatment episodes should not be truncated at the occurrence of the incident query code.
Washout Period (drug/exposure)** - number of days a user is required to have no evidence of prior exposure (drug/procedure) and continuous drug and medical coverage prior to an incident treatment episode.
Washout Period (event/outcome)** - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.
*all terms may not be used in this report
**incident treatment episodes must be incident to both the exposure and the event

Table 1A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use

| Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes <br> w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 658,591 | 3,996,473 | 162,109,037 | 26,722,813 | 470,348.0 | 1,928 | 24,145,715 | 62,084,412.9 | 27.28 | 246.15 | 6.07 | 40.56 | 40.99 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |
| 193,830 | 3,362,466 | 139,019,564 | 22,384,571 | 403,652.0 | 1,272 | 17,287,300 | 43,780,770.6 | 11.21 | 717.22 | 17.35 | 41.34 | 31.51 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 80,808 | 2,099,694 | 87,370,375 | 13,819,905 | 251,047.0 | 699 | 12,030,801 | 29,135,509.8 | 6.72 | 1,081.21 | 25.98 | 41.61 | 27.84 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |
| 34,672 | 1,176,119 | 49,076,756 | 7,671,708 | 140,020.1 | 339 | 8,306,351 | 18,986,053.0 | 4.17 | 1,415.46 | 33.92 | 41.73 | 24.21 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 14,589 | 603,724 | 25,131,622 | 3,934,272 | 71,327.7 | 142 | 5,914,639 | 11,913,964.4 | 2.47 | 1,722.64 | 41.38 | 41.63 | 19.91 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,325 | 257,858 | 10,708,110 | 1,672,368 | 30,245.0 | 52 | 4,282,101 | 6,869,177.0 | 1.24 | 2,010.91 | 48.42 | 41.53 | 17.19 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 658,591 | 3,996,473 | 162,109,037 | 26,722,813 | 647,662.5 | 2,924 | 24,145,715 | 62,084,412.9 | 27.28 | 246.15 | 6.07 | 40.56 | 45.15 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 99,228 | 2,360,835 | 98,370,169 | 15,673,443 | 308,053.1 | 1,004 | 12,030,801 | 29,095,417.6 | 8.25 | 991.35 | 23.79 | 41.67 | 32.59 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 17,928 | 707,503 | 29,509,623 | 4,614,425 | 87,914.3 | 199 | 5,914,639 | 11,908,719.8 | 3.03 | 1,646.01 | 39.46 | 41.71 | 22.64 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 658,591 | 3,996,473 | 162,109,037 | 26,722,813 | 752,490.3 | 3,376 | 24,145,715 | 62,084,412.9 | 27.28 | 246.15 | 6.07 | 40.56 | 44.86 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 118,837 | 2,556,359 | 106,470,653 | 17,085,409 | 367,557.0 | 1,272 | 12,030,801 | 29,055,427.3 | 9.88 | 895.94 | 21.51 | 41.65 | 34.61 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 21,264 | 795,922 | 33,268,894 | 5,217,433 | 104,650.1 | 261 | 5,914,639 | 11,903,741.2 | 3.60 | 1,564.56 | 37.43 | 41.80 | 24.94 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,568 | 4,010,941 | 162,634,262 | 26,808,225 | 472,824.7 | 167 | 24,144,646 | 62,092,143.3 | 27.36 | 246.20 | 6.07 | 40.55 | 3.53 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |
| 194,590 | 3,377,034 | 139,562,773 | 22,466,697 | 406,272.5 | 99 | 17,287,075 | 43,790,224.8 | 11.26 | 717.21 | 17.35 | 41.33 | 2.44 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 81,158 | 2,109,195 | 87,736,330 | 13,875,570 | 252,887.9 | 53 | 12,030,827 | 29,142,972.7 | 6.75 | 1,081.06 | 25.99 | 41.60 | 2.10 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |

Table 1A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use

| $\begin{gathered} \text { Users } \\ 34,816 \end{gathered}$ | $\begin{gathered} \text { Dispensings } \\ 1,181,144 \end{gathered}$ | Days Supplied $49,272,438$ | $\begin{gathered} \text { Amount } \\ \text { Supplied } \\ 7,700,387 \end{gathered}$ | Years at Risk 141,043.6 | Episodes w/ Events 34 | Eligible <br> Members 8,306,403 | Member- Years 18,991,136.2 | Users / 1K <br> Eligible <br> Members <br> 4.19 | Days Supplied/ User 1,415.22 | Dispensings / User 33.93 | Days Supplied/ Dispensing 41.72 | Episodes w/ Events / 10K Years at Risk 2.41 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 14,641 | 606,112 | 25,219,360 | 3,946,705 | 71,818.4 | 14 | 5,914,676 | 11,917,162.3 | 2.48 | 1,722.52 | 41.40 | 41.61 | 1.95 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,342 | 258,663 | 10,741,713 | 1,677,134 | 30,467.1 | 8 | 4,282,120 | 6,870,949.7 | 1.25 | 2,010.80 | 48.42 | 41.53 | 2.63 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,568 | 4,010,941 | 162,634,262 | 26,808,225 | 651,327.0 | 250 | 24,144,646 | 62,092,143.3 | 27.36 | 246.20 | 6.07 | 40.55 | 3.84 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 99,652 | 2,371,566 | 98,781,071 | 15,735,457 | 310,440.9 | 70 | 12,030,827 | 29,102,667.6 | 8.28 | 991.26 | 23.80 | 41.65 | 2.25 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 17,993 | 710,305 | 29,614,488 | 4,629,266 | 88,542.6 | 20 | 5,914,676 | 11,911,902.7 | 3.04 | 1,645.89 | 39.48 | 41.69 | 2.26 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,568 | 4,010,941 | 162,634,262 | 26,808,225 | 757,030.8 | 304 | 24,144,646 | 62,092,143.3 | 27.36 | 246.20 | 6.07 | 40.55 | 4.02 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 119,350 | 2,568,054 | 106,918,653 | 17,152,761 | 370,565.3 | 91 | 12,030,827 | 29,062,452.4 | 9.92 | 895.84 | 21.52 | 41.63 | 2.46 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 21,348 | 799,256 | 33,395,011 | 5,235,305 | 105,475.8 | 26 | 5,914,676 | 11,906,891.5 | 3.61 | 1,564.32 | 37.44 | 41.78 | 2.47 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 655,575 | 3,974,179 | 161,311,806 | 26,584,512 | 466,785.7 | 4,282 | 24,144,099 | 62,044,662.2 | 27.15 | 246.06 | 6.06 | 40.59 | 91.73 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |
| 192,640 | 3,337,559 | 138,118,230 | 22,228,908 | 399,704.2 | 2,749 | 17,286,428 | 43,751,885.1 | 11.14 | 716.98 | 17.33 | 41.38 | 68.78 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 80,222 | 2,082,462 | 86,737,793 | 13,718,463 | 248,225.9 | 1,476 | 12,030,106 | 29,116,172.3 | 6.67 | 1,081.22 | 25.96 | 41.65 | 59.46 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |
| 34,428 | 1,166,809 | 48,733,077 | 7,620,753 | 138,385.6 | 725 | 8,305,920 | 18,973,778.4 | 4.14 | 1,415.51 | 33.89 | 41.77 | 52.39 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 14,481 | 598,913 | 24,950,087 | 3,908,420 | 70,465.4 | 309 | 5,914,306 | 11,906,672.2 | 2.45 | 1,722.95 | 41.36 | 41.66 | 43.85 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,294 | 256,127 | 10,645,834 | 1,663,530 | 29,933.8 | 107 | 4,281,911 | 6,865,230.6 | 1.24 | 2,010.92 | 48.38 | 41.56 | 35.75 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 655,575 | 3,974,179 | 161,311,806 | 26,584,512 | 642,491.1 | 6,344 | 24,144,099 | 62,044,662.2 | 27.15 | 246.06 | 6.06 | 40.59 | 98.74 |

Table 1A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use

| Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 98,543 | 2,341,936 | 97,678,267 | 15,562,718 | 304,575.6 | 2,064 | 12,030,106 | 29,076,331.5 | 8.19 | 991.22 | 23.77 | 41.71 | 67.77 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 17,799 | 701,955 | 29,300,426 | 4,584,667 | 86,836.9 | 428 | 5,914,306 | 11,901,467.0 | 3.01 | 1,646.18 | 39.44 | 41.74 | 49.29 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 655,575 | 3,974,179 | 161,311,806 | 26,584,512 | 746,162.6 | 7,335 | 24,144,099 | 62,044,662.2 | 27.15 | 246.06 | 6.06 | 40.59 | 98.30 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 118,041 | 2,536,181 | 105,732,218 | 16,962,182 | 363,358.1 | 2,621 | 12,030,106 | 29,036,599.0 | 9.81 | 895.72 | 21.49 | 41.69 | 72.13 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 21,121 | 789,943 | 33,043,912 | 5,184,488 | 103,375.2 | 558 | 5,914,306 | 11,896,505.5 | 3.57 | 1,564.51 | 37.40 | 41.83 | 53.98 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 643,930 | 3,894,891 | 158,362,331 | 26,103,061 | 446,910.4 | 17,845 | 24,134,888 | 61,707,656.1 | 26.68 | 245.93 | 6.05 | 40.66 | 399.30 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |
| 188,438 | 3,257,473 | 135,039,726 | 21,739,595 | 378,082.9 | 12,889 | 17,279,549 | 43,503,533.1 | 10.91 | 716.63 | 17.29 | 41.46 | 340.90 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 78,266 | 2,028,597 | 84,641,286 | 13,396,694 | 232,360.5 | 7,347 | 12,025,287 | 28,947,786.7 | 6.51 | 1,081.46 | 25.92 | 41.72 | 316.19 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |
| 33,573 | 1,136,757 | 47,544,810 | 7,445,443 | 128,498.5 | 3,809 | 8,302,750 | 18,863,221.9 | 4.04 | 1,416.16 | 33.86 | 41.82 | 296.42 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 14,156 | 584,549 | 24,394,811 | 3,826,488 | 65,090.0 | 1,828 | 5,911,891 | 11,837,428.3 | 2.39 | 1,723.28 | 41.29 | 41.73 | 280.84 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,186 | 250,579 | 10,429,249 | 1,632,761 | 27,573.4 | 726 | 4,280,222 | 6,825,617.6 | 1.21 | 2,011.04 | 48.32 | 41.62 | 263.30 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 643,930 | 3,894,891 | 158,362,331 | 26,103,061 | 614,968.6 | 25,509 | 24,134,888 | 61,707,656.1 | 26.68 | 245.93 | 6.05 | 40.66 | 414.80 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 96,220 | 2,282,527 | 95,370,659 | 15,210,328 | 285,038.4 | 9,458 | 12,025,287 | 28,909,156.4 | 8.00 | 991.17 | 23.72 | 41.78 | 331.81 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 17,396 | 685,013 | 28,642,617 | 4,486,221 | 80,192.7 | 2,300 | 5,911,891 | 11,832,371.4 | 2.94 | 1,646.51 | 39.38 | 41.81 | 286.81 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 643,930 | 3,894,891 | 158,362,331 | 26,103,061 | 712,626.3 | 29,296 | 24,134,888 | 61,707,656.1 | 26.68 | 245.93 | 6.05 | 40.66 | 411.10 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |

Table 1A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use

| $\begin{gathered} \text { Users } \\ 115,308 \end{gathered}$ | $\begin{gathered} \text { Dispensings } \\ 2,472,243 \end{gathered}$ | Days Supplied $103,255,045$ | $\begin{gathered} \text { Amount } \\ \text { Supplied } \\ 16,582,873 \end{gathered}$ | Years at Risk 339,944.1 | Episodes w/ Events 11,552 | Eligible <br> Members $12,025,287$ | Member- Years $28,870,717.4$ | Users / 1K <br> Eligible <br> Members $9.59$ | Days <br> Supplied/ <br> User $895.47$ | $\begin{gathered} \text { Dispensings / } \\ \text { User } \\ 21.44 \end{gathered}$ | Days Supplied/ Dispensing 41.77 | Episodes w/ Events / 10K Years at Risk $339.82$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 20,639 | 770,821 | 32,296,513 | 5,073,116 | 95,414.5 | 2,790 | 5,911,891 | 11,827,565.4 | 3.49 | 1,564.83 | 37.35 | 41.90 | 292.41 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,606 | 4,011,200 | 162,642,450 | 26,819,434 | 472,788.2 | 256 | 24,146,584 | 62,104,934.9 | 27.36 | 246.20 | 6.07 | 40.55 | 5.41 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |
| 194,592 | 3,377,131 | 139,562,867 | 22,467,373 | 406,178.1 | 190 | 17,287,801 | 43,795,812.9 | 11.26 | 717.21 | 17.35 | 41.33 | 4.68 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 81,158 | 2,109,226 | 87,735,296 | 13,868,321 | 252,812.4 | 98 | 12,031,130 | 29,145,631.6 | 6.75 | 1,081.04 | 25.99 | 41.60 | 3.88 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |
| 34,815 | 1,181,137 | 49,270,443 | 7,693,000 | 140,981.6 | 57 | 8,306,554 | 18,992,553.5 | 4.19 | 1,415.21 | 33.93 | 41.71 | 4.04 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 14,639 | 606,058 | 25,215,989 | 3,939,122 | 71,779.2 | 26 | 5,914,781 | 11,917,935.7 | 2.47 | 1,722.52 | 41.40 | 41.61 | 3.62 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,342 | 258,663 | 10,741,713 | 1,677,134 | 30,452.9 | 11 | 4,282,185 | 6,871,346.6 | 1.25 | 2,010.80 | 48.42 | 41.53 | 3.61 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,606 | 4,011,200 | 162,642,450 | 26,819,434 | 651,242.9 | 386 | 24,146,584 | 62,104,934.9 | 27.36 | 246.20 | 6.07 | 40.55 | 5.93 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 99,652 | 2,371,607 | 98,779,773 | 15,728,173 | 310,328.1 | 154 | 12,031,130 | 29,105,328.4 | 8.28 | 991.25 | 23.80 | 41.65 | 4.96 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 17,991 | 710,251 | 29,611,117 | 4,621,683 | 88,489.2 | 40 | 5,914,781 | 11,912,676.5 | 3.04 | 1,645.88 | 39.48 | 41.69 | 4.52 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 660,606 | 4,011,200 | 162,642,450 | 26,819,434 | 756,895.6 | 449 | 24,146,584 | 62,104,934.9 | 27.36 | 246.20 | 6.07 | 40.55 | 5.93 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 119,346 | 2,568,058 | 106,915,622 | 17,145,233 | 370,396.7 | 208 | 12,031,130 | 29,065,124.4 | 9.92 | 895.85 | 21.52 | 41.63 | 5.62 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 21,346 | 799,230 | 33,391,638 | 5,227,723 | 105,416.8 | 48 | 5,914,781 | 11,907,665.6 | 3.61 | 1,564.30 | 37.44 | 41.78 | 4.55 |

## Mini-Sentinel

Table 1B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use


Table 1C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use

| Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 172,240 | 821,746 | 32,858,567 | 1,128,141 | 96,008.3 | 318 | 24,145,715 | 63,366,503.3 | 7.13 | 190.77 | 4.77 | 39.99 | 33.12 |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 12,652 | 309,720 | 12,667,157 | 433,309 | 36,702.4 | 89 | 12,030,801 | 29,289,611.5 | 1.05 | 1,001.20 | 24.48 | 40.90 | 24.25 |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,483 | 61,037 | 2,498,492 | 85,327 | 7,150.5 | 19 | 5,914,639 | 11,934,284.2 | 0.25 | 1,684.76 | 41.16 | 40.93 | 26.57 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 171,770 | 819,305 | 32,769,849 | 1,125,046 | 95,580.8 | 684 | 24,144,099 | 63,317,417.2 | 7.11 | 190.78 | 4.77 | 40.00 | 71.56 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 12,621 | 308,799 | 12,635,148 | 432,206 | 36,511.8 | 171 | 12,030,106 | 29,268,991.4 | 1.05 | 1,001.12 | 24.47 | 40.92 | 46.83 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,475 | 60,719 | 2,486,156 | 84,908 | 7,095.0 | 32 | 5,914,306 | 11,926,838.1 | 0.25 | 1,685.53 | 41.17 | 40.95 | 45.10 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 169,206 | 806,740 | 32,276,874 | 1,108,177 | 92,186.4 | 3,553 | 24,134,888 | 62,941,710.8 | 7.01 | 190.75 | 4.77 | 40.01 | 385.41 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |
| 12,373 | 302,542 | 12,380,672 | 423,592 | 34,369.2 | 1,063 | 12,025,287 | 29,095,499.3 | 1.03 | 1,000.62 | 24.45 | 40.92 | 309.29 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,449 | 59,642 | 2,441,542 | 83,439 | 6,580.8 | 178 | 5,911,891 | 11,857,006.3 | 0.25 | 1,684.98 | 41.16 | 40.94 | 270.48 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,025 | 109,894 | 3,870,095 | 667,830 | 11,451.6 | 26 | 7,616,256 | 12,515,235.3 | 2.89 | 175.71 | 4.99 | 35.22 | 22.70 |
| 50-54 Years | 61,796 | 355,863 | 12,768,281 | 2,142,172 | 37,550.1 | 52 | 7,237,198 | 12,251,312.0 | 8.54 | 206.62 | 5.76 | 35.88 | 13.85 |
| 55-59 Years | 97,071 | 577,708 | 21,714,601 | 3,570,312 | 63,640.6 | 101 | 6,139,754 | 10,606,727.2 | 15.81 | 223.70 | 5.95 | 37.59 | 15.87 |
| 60-64 Years | 100,756 | 568,243 | 22,052,774 | 3,731,775 | 64,349.6 | 121 | 4,640,506 | 8,280,564.9 | 21.71 | 218.87 | 5.64 | 38.81 | 18.80 |
| 65-74 Years | 202,277 | 1,224,710 | 54,134,922 | 8,647,265 | 156,269.6 | 467 | 4,888,282 | 10,826,136.8 | 41.38 | 267.63 | 6.05 | 44.20 | 29.88 |
| 75-79 Years | 73,732 | 491,364 | 20,800,856 | 3,358,448 | 59,961.4 | 354 | 1,678,659 | 3,278,849.0 | 43.92 | 282.11 | 6.66 | 42.33 | 59.04 |
| 80-84 Years | 57,027 | 382,772 | 15,740,413 | 2,653,787 | 45,358.9 | 358 | 1,170,551 | 2,314,563.7 | 48.72 | 276.02 | 6.71 | 41.12 | 78.93 |
| 85-89 Years | 31,885 | 208,703 | 8,188,527 | 1,410,915 | 23,604.9 | 287 | 694,702 | 1,327,736.0 | 45.90 | 256.81 | 6.55 | 39.24 | 121.58 |
| 90+ Years | 12,022 | 77,216 | 2,838,568 | 540,309 | 8,161.2 | 162 | 329,464 | 683,287.9 | 36.49 | 236.11 | 6.42 | 36.76 | 198.50 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 3,963 | 72,748 | 2,628,409 | 447,184 | 7,761.1 | 13 | 5,196,781 | 8,550,220.9 | 0.76 | 663.24 | 18.36 | 36.13 | 16.75 |
| 50-54 Years | 13,869 | 263,011 | 9,655,814 | 1,597,232 | 28,375.2 | 35 | 5,033,551 | 8,499,815.4 | 2.76 | 696.22 | 18.96 | 36.71 | 12.33 |
| 55-59 Years | 25,094 | 455,377 | 17,410,137 | 2,802,027 | 51,042.8 | 71 | 4,355,698 | 7,497,493.6 | 5.76 | 693.80 | 18.15 | 38.23 | 13.91 |
| 60-64 Years | 26,416 | 441,758 | 17,478,706 | 2,891,354 | 51,072.2 | 68 | 3,245,321 | 5,565,058.4 | 8.14 | 661.67 | 16.72 | 39.57 | 13.31 |
| 65-74 Years | 64,020 | 1,048,505 | 47,214,319 | 7,383,606 | 136,567.6 | 314 | 3,524,884 | 7,927,170.3 | 18.16 | 737.49 | 16.38 | 45.03 | 22.99 |
| 75-79 Years | 25,624 | 453,897 | 19,387,413 | 3,073,027 | 55,981.8 | 240 | 1,297,825 | 2,518,665.2 | 19.74 | 756.61 | 17.71 | 42.71 | 42.87 |
| 80-84 Years | 20,000 | 355,794 | 14,761,211 | 2,427,740 | 42,617.7 | 263 | 911,722 | 1,779,704.9 | 21.94 | 738.06 | 17.79 | 41.49 | 61.71 |
| 85-89 Years | 10,878 | 198,732 | 7,812,653 | 1,284,893 | 22,551.2 | 178 | 525,366 | 983,520.8 | 20.71 | 718.21 | 18.27 | 39.31 | 78.93 |
| 90+ Years | 3,966 | 72,644 | 2,670,902 | 477,508 | 7,682.5 | 90 | 233,001 | 459,121.1 | 17.02 | 673.45 | 18.32 | 36.77 | 117.15 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,416 | 40,310 | 1,479,817 | 238,140 | 4,301.2 | 9 | 3,469,527 | 5,641,293.4 | 0.41 | 1,045.07 | 28.47 | 36.71 | 20.92 |
| 50-54 Years | 5,456 | 156,903 | 5,846,129 | 944,561 | 16,943.7 | 25 | 3,389,528 | 5,633,376.8 | 1.61 | 1,071.50 | 28.76 | 37.26 | 14.75 |
| 55-59 Years | 9,883 | 272,631 | 10,521,679 | 1,655,356 | 30,442.6 | 41 | 2,964,444 | 5,006,690.4 | 3.33 | 1,064.62 | 27.59 | 38.59 | 13.47 |
| 60-64 Years | 9,523 | 244,246 | 9,769,883 | 1,603,183 | 28,210.1 | 35 | 2,122,169 | 3,420,847.5 | 4.49 | 1,025.92 | 25.65 | 40.00 | 12.41 |
| 65-74 Years | 27,487 | 673,126 | 30,344,462 | 4,713,526 | 87,008.8 | 181 | 2,520,498 | 5,455,701.6 | 10.91 | 1,103.96 | 24.49 | 45.08 | 20.80 |
| 75-79 Years | 11,690 | 305,146 | 13,007,932 | 2,027,730 | 37,240.6 | 132 | 966,111 | 1,794,192.7 | 12.10 | 1,112.74 | 26.10 | 42.63 | 35.45 |
| 80-84 Years | 9,009 | 235,347 | 9,763,389 | 1,571,916 | 27,934.3 | 145 | 675,372 | 1,249,586.5 | 13.34 | 1,083.74 | 26.12 | 41.49 | 51.91 |
| 85-89 Years | 4,764 | 128,357 | 5,050,209 | 803,117 | 14,447.9 | 92 | 371,916 | 657,498.1 | 12.81 | 1,060.08 | 26.94 | 39.35 | 63.68 |
| 90+ Years | 1,580 | 43,628 | 1,586,875 | 262,377 | 4,517.8 | 39 | 152,211 | 276,322.8 | 10.38 | 1,004.35 | 27.61 | 36.37 | 86.33 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 596 | 21,990 | 813,620 | 135,636 | 2,343.6 | 5 | 2,324,391 | 3,685,260.9 | 0.26 | 1,365.13 | 36.90 | 37.00 | 21.34 |
| 50-54 Years | 2,287 | 86,872 | 3,247,714 | 525,581 | 9,322.5 | 14 | 2,280,440 | 3,685,624.0 | 1.00 | 1,420.08 | 37.99 | 37.39 | 15.02 |
| 55-59 Years | 4,088 | 150,179 | 5,773,187 | 896,055 | 16,563.2 | 16 | 2,008,845 | 3,285,844.7 | 2.04 | 1,412.23 | 36.74 | 38.44 | 9.66 |
| 60-64 Years | 3,525 | 118,646 | 4,833,785 | 786,080 | 13,841.9 | 16 | 1,354,794 | 2,012,629.8 | 2.60 | 1,371.29 | 33.66 | 40.74 | 11.56 |
| 65-74 Years | 12,369 | 393,821 | 17,709,269 | 2,725,665 | 50,465.6 | 97 | 1,781,424 | 3,669,401.2 | 6.94 | 1,431.75 | 31.84 | 44.97 | 19.22 |
| 75-79 Years | 5,428 | 183,815 | 7,789,420 | 1,196,607 | 22,160.2 | 78 | 701,417 | 1,232,999.9 | 7.74 | 1,435.04 | 33.86 | 42.38 | 35.20 |
| 80-84 Years | 3,864 | 131,769 | 5,463,517 | 863,123 | 15,544.1 | 58 | 482,505 | 838,695.4 | 8.01 | 1,413.95 | 34.10 | 41.46 | 37.31 |
| 85-89 Years | 1,948 | 68,705 | 2,703,445 | 426,300 | 7,678.5 | 41 | 252,025 | 417,949.7 | 7.73 | 1,387.81 | 35.27 | 39.35 | 53.40 |
| 90+ Years | 567 | 20,322 | 742,799 | 116,661 | 2,100.7 | 14 | 93,820 | 157,647.5 | 6.04 | 1,310.05 | 35.84 | 36.55 | 66.65 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 218 | 9,818 | 368,955 | 57,740 | 1,053.0 | 2 | 1,595,335 | 2,340,266.7 | 0.14 | 1,692.45 | 45.04 | 37.58 | 18.99 |
| 50-54 Years | 1,014 | 46,196 | 1,741,952 | 291,742 | 4,973.4 | 2 | 1,568,959 | 2,344,191.5 | 0.65 | 1,717.90 | 45.56 | 37.71 | 4.02 |
| 55-59 Years | 1,745 | 78,404 | 3,002,805 | 441,391 | 8,553.9 | 7 | 1,390,502 | 2,090,337.4 | 1.25 | 1,720.81 | 44.93 | 38.30 | 8.18 |
| 60-64 Years | 1,268 | 51,816 | 2,159,006 | 379,629 | 6,146.1 | 7 | 864,888 | 1,113,336.1 | 1.47 | 1,702.69 | 40.86 | 41.67 | 11.39 |
| 65-74 Years | 5,389 | 210,363 | 9,348,088 | 1,430,538 | 26,510.7 | 36 | 1,302,970 | 2,359,721.0 | 4.14 | 1,734.66 | 39.04 | 44.44 | 13.58 |
| 75-79 Years | 2,423 | 99,467 | 4,191,489 | 640,810 | 11,874.2 | 39 | 512,188 | 804,607.1 | 4.73 | 1,729.88 | 41.05 | 42.14 | 32.84 |
| 80-84 Years | 1,615 | 67,633 | 2,774,129 | 441,538 | 7,853.8 | 28 | 344,537 | 528,960.9 | 4.69 | 1,717.73 | 41.88 | 41.02 | 35.65 |
| 85-89 Years | 764 | 32,846 | 1,290,311 | 207,499 | 3,652.2 | 15 | 169,700 | 248,143.8 | 4.50 | 1,688.89 | 42.99 | 39.28 | 41.07 |
| 90+ Years | 153 | 7,181 | 254,887 | 43,385 | 710.3 | 6 | 57,093 | 84,399.9 | 2.68 | 1,665.93 | 46.93 | 35.49 | 84.47 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 72 | 3,922 | 145,429 | 25,892 | 413.1 | 1 | 1,098,301 | 1,381,561.5 | 0.07 | 2,019.85 | 54.47 | 37.08 | 24.21 |
| 50-54 Years | 364 | 19,230 | 739,174 | 131,955 | 2,096.2 | 2 | 1,083,392 | 1,388,444.4 | 0.34 | 2,030.70 | 52.83 | 38.44 | 9.54 |
| 55-59 Years | 642 | 33,419 | 1,297,303 | 188,366 | 3,673.7 | 3 | 961,355 | 1,236,398.6 | 0.67 | 2,020.72 | 52.05 | 38.82 | 8.17 |
| 60-64 Years | 394 | 18,754 | 808,195 | 160,363 | 2,287.7 | 1 | 467,050 | 548,262.3 | 0.84 | 2,051.26 | 47.60 | 43.09 | 4.37 |
| 65-74 Years | 2,027 | 93,096 | 4,087,510 | 608,874 | 11,557.3 | 10 | 965,442 | 1,373,814.9 | 2.10 | 2,016.53 | 45.93 | 43.91 | 8.65 |
| 75-79 Years | 931 | 45,052 | 1,859,512 | 279,836 | 5,248.7 | 12 | 370,023 | 472,903.5 | 2.52 | 1,997.33 | 48.39 | 41.27 | 22.86 |
| 80-84 Years | 600 | 29,574 | 1,189,492 | 191,388 | 3,338.5 | 16 | 240,192 | 297,169.8 | 2.50 | 1,982.49 | 49.29 | 40.22 | 47.93 |
| 85-89 Years | 248 | 12,290 | 490,323 | 72,736 | 1,377.6 | 4 | 109,508 | 130,264.4 | 2.26 | 1,977.11 | 49.56 | 39.90 | 29.04 |


| 90+ Years | Users 47 | Dispensings $2,521$ | $\begin{gathered} \text { Days Supplied } \\ 91,172 \end{gathered}$ | Amount <br> Supplied $12,958$ | Years at Risk 252.2 | Episodes w/ Events 3 | Eligible Members 33,439 | Member- Years $40,357.7$ | Users / 1K <br> Eligible <br> Members <br> 1.41 | Days Supplied/ User 1,939.83 | Dispensings / User 53.64 | Days <br> Supplied/ <br> Dispensing $36.17$ | Episodes w/ <br> Events / 10K <br> Years at Risk $118.96$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,025 | 109,894 | 3,870,095 | 667,830 | 17,758.5 | 33 | 7,616,256 | 12,515,235.3 | 2.89 | 175.71 | 4.99 | 35.22 | 18.58 |
| 50-54 Years | 61,796 | 355,863 | 12,768,281 | 2,142,172 | 54,722.7 | 77 | 7,237,198 | 12,251,312.0 | 8.54 | 206.62 | 5.76 | 35.88 | 14.07 |
| 55-59 Years | 97,071 | 577,708 | 21,714,601 | 3,570,312 | 89,919.2 | 148 | 6,139,754 | 10,606,727.2 | 15.81 | 223.70 | 5.95 | 37.59 | 16.46 |
| 60-64 Years | 100,756 | 568,243 | 22,052,774 | 3,731,775 | 89,946.4 | 187 | 4,640,506 | 8,280,564.9 | 21.71 | 218.87 | 5.64 | 38.81 | 20.79 |
| 65-74 Years | 202,277 | 1,224,710 | 54,134,922 | 8,647,265 | 210,296.0 | 692 | 4,888,282 | 10,826,136.8 | 41.38 | 267.63 | 6.05 | 44.20 | 32.91 |
| 75-79 Years | 73,732 | 491,364 | 20,800,856 | 3,358,448 | 80,313.4 | 529 | 1,678,659 | 3,278,849.0 | 43.92 | 282.11 | 6.66 | 42.33 | 65.87 |
| 80-84 Years | 57,027 | 382,772 | 15,740,413 | 2,653,787 | 61,073.4 | 571 | 1,170,551 | 2,314,563.7 | 48.72 | 276.02 | 6.71 | 41.12 | 93.49 |
| 85-89 Years | 31,885 | 208,703 | 8,188,527 | 1,410,915 | 32,327.5 | 456 | 694,702 | 1,327,736.0 | 45.90 | 256.81 | 6.55 | 39.24 | 141.06 |
| 90+ Years | 12,022 | 77,216 | 2,838,568 | 540,309 | 11,305.5 | 231 | 329,464 | 683,287.9 | 36.49 | 236.11 | 6.42 | 36.76 | 204.33 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,800 | 46,508 | 1,708,850 | 286,508 | 5,449.0 | 11 | 3,469,527 | 5,640,816.6 | 0.52 | 949.36 | 25.84 | 36.74 | 20.19 |
| 50-54 Years | 6,715 | 176,968 | 6,597,550 | 1,066,400 | 20,920.2 | 29 | 3,389,320 | 5,631,224.9 | 1.98 | 982.51 | 26.35 | 37.28 | 13.86 |
| 55-59 Years | 12,266 | 309,346 | 11,941,738 | 1,898,248 | 37,863.9 | 56 | 2,963,766 | 5,002,019.7 | 4.14 | 973.56 | 25.22 | 38.60 | 14.79 |
| 60-64 Years | 11,885 | 279,113 | 11,172,768 | 1,864,424 | 35,191.8 | 48 | 2,120,917 | 3,415,374.2 | 5.60 | 940.07 | 23.48 | 40.03 | 13.64 |
| 65-74 Years | 33,641 | 753,338 | 34,043,356 | 5,302,885 | 106,132.7 | 257 | 2,519,797 | 5,442,760.9 | 13.35 | 1,011.96 | 22.39 | 45.19 | 24.21 |
| 75-79 Years | 14,234 | 340,221 | 14,529,881 | 2,282,209 | 45,237.3 | 197 | 964,826 | 1,788,186.4 | 14.75 | 1,020.79 | 23.90 | 42.71 | 43.55 |
| 80-84 Years | 10,938 | 262,048 | 10,902,013 | 1,759,449 | 33,978.1 | 214 | 674,251 | 1,244,855.0 | 16.22 | 996.71 | 23.96 | 41.60 | 62.98 |
| 85-89 Years | 5,801 | 143,905 | 5,666,133 | 918,110 | 17,647.7 | 134 | 371,181 | 654,841.4 | 15.63 | 976.75 | 24.81 | 39.37 | 75.93 |
| 90+ Years | 1,948 | 49,388 | 1,807,880 | 295,210 | 5,632.4 | 58 | 151,906 | 275,338.5 | 12.82 | 928.07 | 25.35 | 36.61 | 102.98 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 279 | 11,885 | 448,679 | 70,203 | 1,360.2 | 2 | 1,595,335 | 2,340,196.6 | 0.17 | 1,608.17 | 42.60 | 37.75 | 14.70 |
| 50-54 Years | 1,241 | 53,831 | 2,035,215 | 336,701 | 6,160.7 | 2 | 1,568,932 | 2,343,893.5 | 0.79 | 1,639.98 | 43.38 | 37.81 | 3.25 |
| 55-59 Years | 2,157 | 92,282 | 3,542,683 | 536,525 | 10,666.0 | 11 | 1,390,390 | 2,089,677.3 | 1.55 | 1,642.41 | 42.78 | 38.39 | 10.31 |
| 60-64 Years | 1,583 | 61,713 | 2,572,016 | 440,629 | 7,690.8 | 11 | 864,712 | 1,112,759.2 | 1.83 | 1,624.77 | 38.98 | 41.68 | 14.30 |
| 65-74 Years | 6,577 | 244,578 | 10,912,162 | 1,663,432 | 32,385.8 | 55 | 1,302,887 | 2,357,924.5 | 5.05 | 1,659.14 | 37.19 | 44.62 | 16.98 |
| 75-79 Years | 2,929 | 115,108 | 4,854,789 | 745,862 | 14,397.2 | 51 | 512,010 | 803,779.4 | 5.72 | 1,657.49 | 39.30 | 42.18 | 35.42 |
| 80-84 Years | 1,989 | 79,444 | 3,262,772 | 519,077 | 9,684.3 | 36 | 344,393 | 528,337.7 | 5.78 | 1,640.41 | 39.94 | 41.07 | 37.17 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85-89 Years | 966 | 39,777 | 1,555,671 | 247,464 | 4,609.9 | 23 | 169,603 | 247,823.5 | 5.70 | 1,610.43 | 41.18 | 39.11 | 49.89 |
| 90+ Years | 207 | 8,885 | 325,636 | 54,532 | 959.5 | 8 | 57,066 | 84,328.1 | 3.63 | 1,573.12 | 42.92 | 36.65 | 83.38 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,025 | 109,894 | 3,870,095 | 667,830 | 21,557.5 | 38 | 7,616,256 | 12,515,235.3 | 2.89 | 175.71 | 4.99 | 35.22 | 17.63 |
| 50-54 Years | 61,796 | 355,863 | 12,768,281 | 2,142,172 | 65,037.4 | 89 | 7,237,198 | 12,251,312.0 | 8.54 | 206.62 | 5.76 | 35.88 | 13.68 |
| 55-59 Years | 97,071 | 577,708 | 21,714,601 | 3,570,312 | 105,495.6 | 164 | 6,139,754 | 10,606,727.2 | 15.81 | 223.70 | 5.95 | 37.59 | 15.55 |
| 60-64 Years | 100,756 | 568,243 | 22,052,774 | 3,731,775 | 104,404.2 | 220 | 4,640,506 | 8,280,564.9 | 21.71 | 218.87 | 5.64 | 38.81 | 21.07 |
| 65-74 Years | 202,277 | 1,224,710 | 54,134,922 | 8,647,265 | 242,320.2 | 791 | 4,888,282 | 10,826,136.8 | 41.38 | 267.63 | 6.05 | 44.20 | 32.64 |
| 75-79 Years | 73,732 | 491,364 | 20,800,856 | 3,358,448 | 92,597.0 | 616 | 1,678,659 | 3,278,849.0 | 43.92 | 282.11 | 6.66 | 42.33 | 66.52 |
| 80-84 Years | 57,027 | 382,772 | 15,740,413 | 2,653,787 | 70,496.9 | 671 | 1,170,551 | 2,314,563.7 | 48.72 | 276.02 | 6.71 | 41.12 | 95.18 |
| 85-89 Years | 31,885 | 208,703 | 8,188,527 | 1,410,915 | 37,469.8 | 525 | 694,702 | 1,327,736.0 | 45.90 | 256.81 | 6.55 | 39.24 | 140.11 |
| 90+ Years | 12,022 | 77,216 | 2,838,568 | 540,309 | 13,111.7 | 262 | 329,464 | 683,287.9 | 36.49 | 236.11 | 6.42 | 36.76 | 199.82 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 2,175 | 50,821 | 1,860,759 | 313,414 | 6,587.7 | 12 | 3,469,527 | 5,640,353.4 | 0.63 | 855.52 | 23.37 | 36.61 | 18.22 |
| 50-54 Years | 8,164 | 193,335 | 7,182,461 | 1,174,849 | 25,272.6 | 34 | 3,389,127 | 5,628,945.2 | 2.41 | 879.77 | 23.68 | 37.15 | 13.45 |
| 55-59 Years | 14,899 | 337,059 | 13,012,844 | 2,096,216 | 45,849.8 | 71 | 2,963,035 | 4,996,944.8 | 5.03 | 873.40 | 22.62 | 38.61 | 15.49 |
| 60-64 Years | 14,474 | 305,370 | 12,235,135 | 2,046,880 | 42,704.0 | 63 | 2,119,657 | 3,409,990.0 | 6.83 | 845.32 | 21.10 | 40.07 | 14.75 |
| 65-74 Years | 40,042 | 812,549 | 36,709,665 | 5,729,776 | 125,837.2 | 319 | 2,519,121 | 5,430,099.9 | 15.90 | 916.78 | 20.29 | 45.18 | 25.35 |
| 75-79 Years | 16,758 | 364,604 | 15,579,809 | 2,467,203 | 53,173.3 | 251 | 963,589 | 1,782,529.3 | 17.39 | 929.69 | 21.76 | 42.73 | 47.20 |
| 80-84 Years | 13,021 | 282,925 | 11,768,264 | 1,916,340 | 40,297.2 | 272 | 673,184 | 1,240,169.0 | 19.34 | 903.79 | 21.73 | 41.59 | 67.50 |
| 85-89 Years | 6,957 | 155,930 | 6,146,861 | 1,002,907 | 21,049.4 | 175 | 370,390 | 652,109.3 | 18.78 | 883.55 | 22.41 | 39.42 | 83.14 |
| 90+ Years | 2,347 | 53,766 | 1,974,855 | 337,824 | 6,785.8 | 75 | 151,563 | 274,286.3 | 15.49 | 841.44 | 22.91 | 36.73 | 110.52 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 350 | 14,041 | 527,212 | 94,319 | 1,718.1 | 3 | 1,595,335 | 2,340,126.2 | 0.22 | 1,506.32 | 40.12 | 37.55 | 17.46 |
| 50-54 Years | 1,442 | 59,908 | 2,260,206 | 373,749 | 7,250.0 | 4 | 1,568,893 | 2,343,603.8 | 0.92 | 1,567.41 | 41.55 | 37.73 | 5.52 |
| 55-59 Years | 2,589 | 104,667 | 4,024,328 | 605,785 | 12,879.5 | 14 | 1,390,297 | 2,089,071.3 | 1.86 | 1,554.39 | 40.43 | 38.45 | 10.87 |
| 60-64 Years | 1,930 | 70,960 | 2,963,238 | 499,319 | 9,392.3 | 13 | 864,539 | 1,112,163.3 | 2.23 | 1,535.36 | 36.77 | 41.76 | 13.84 |
| 65-74 Years | 7,769 | 273,493 | 12,260,239 | 1,889,410 | 38,348.7 | 71 | 1,302,789 | 2,356,171.5 | 5.96 | 1,578.10 | 35.20 | 44.83 | 18.51 |
| 75-79 Years | 3,424 | 127,993 | 5,413,087 | 829,027 | 16,882.0 | 67 | 511,868 | 803,041.0 | 6.69 | 1,580.92 | 37.38 | 42.29 | 39.69 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1 K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80-84 Years | 2,345 | 89,027 | 3,664,993 | 579,708 | 11,457.5 | 44 | 344,240 | 527,777.2 | 6.81 | 1,562.90 | 37.96 | 41.17 | 38.40 |
| 85-89 Years | 1,148 | 45,011 | 1,762,374 | 281,867 | 5,484.1 | 34 | 169,524 | 247,547.6 | 6.77 | 1,535.17 | 39.21 | 39.15 | 62.00 |
| 90+ Years | 267 | 10,822 | 393,217 | 64,249 | 1,237.9 | 11 | 57,029 | 84,239.4 | 4.68 | 1,472.72 | 40.53 | 36.33 | 88.86 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,057 | 110,075 | 3,875,388 | 668,592 | 11,485.1 | 4 | 7,616,197 | 12,515,783.4 | 2.90 | 175.70 | 4.99 | 35.21 | 3.48 |
| 50-54 Years | 61,870 | 356,407 | 12,786,344 | 2,141,762 | 37,630.7 | 5 | 7,236,958 | 12,251,438.3 | 8.55 | 206.66 | 5.76 | 35.88 | 1.33 |
| 55-59 Years | 97,184 | 578,468 | 21,743,243 | 3,574,234 | 63,786.2 | 13 | 6,139,330 | 10,606,555.9 | 15.83 | 223.73 | 5.95 | 37.59 | 2.04 |
| 60-64 Years | 100,907 | 569,347 | 22,091,073 | 3,737,074 | 64,516.6 | 15 | 4,640,022 | 8,279,928.7 | 21.75 | 218.93 | 5.64 | 38.80 | 2.32 |
| 65-74 Years | 202,731 | 1,227,873 | 54,255,431 | 8,659,706 | 156,845.8 | 57 | 4,887,600 | 10,825,352.1 | 41.48 | 267.62 | 6.06 | 44.19 | 3.63 |
| 75-79 Years | 74,010 | 493,343 | 20,879,784 | 3,374,043 | 60,366.1 | 29 | 1,678,357 | 3,279,884.3 | 44.10 | 282.12 | 6.67 | 42.32 | 4.80 |
| 80-84 Years | 57,393 | 385,889 | 15,849,583 | 2,674,679 | 45,848.0 | 22 | 1,170,417 | 2,316,825.6 | 49.04 | 276.16 | 6.72 | 41.07 | 4.80 |
| 85-89 Years | 32,209 | 210,916 | 8,268,738 | 1,430,268 | 23,962.3 | 18 | 694,669 | 1,330,532.0 | 46.37 | 256.72 | 6.55 | 39.20 | 7.51 |
| 90+ Years | 12,207 | 78,623 | 2,884,678 | 547,866 | 8,383.8 | 4 | 329,519 | 685,842.9 | 37.04 | 236.31 | 6.44 | 36.69 | 4.77 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 3,972 | 72,907 | 2,633,514 | 447,920 | 7,798.1 | 1 | 5,196,781 | 8,550,700.7 | 0.76 | 663.02 | 18.36 | 36.12 | 1.28 |
| 50-54 Years | 13,889 | 263,456 | 9,671,430 | 1,596,176 | 28,449.8 | 1 | 5,033,481 | 8,500,198.3 | 2.76 | 696.34 | 18.97 | 36.71 | 0.35 |
| 55-59 Years | 25,134 | 456,084 | 17,437,457 | 2,805,886 | 51,196.5 | 11 | 4,355,605 | 7,497,848.6 | 5.77 | 693.78 | 18.15 | 38.23 | 2.15 |
| 60-64 Years | 26,467 | 442,737 | 17,513,171 | 2,896,290 | 51,231.3 | 9 | 3,245,180 | 5,565,197.1 | 8.16 | 661.70 | 16.73 | 39.56 | 1.76 |
| 65-74 Years | 64,185 | 1,051,612 | 47,332,912 | 7,396,910 | 137,147.1 | 31 | 3,524,704 | 7,928,047.4 | 18.21 | 737.45 | 16.38 | 45.01 | 2.26 |
| 75-79 Years | 25,741 | 455,974 | 19,473,661 | 3,085,344 | 56,432.6 | 21 | 1,297,726 | 2,519,996.3 | 19.84 | 756.52 | 17.71 | 42.71 | 3.72 |
| 80-84 Years | 20,162 | 359,095 | 14,882,881 | 2,450,876 | 43,171.7 | 14 | 911,729 | 1,781,804.0 | 22.11 | 738.16 | 17.81 | 41.45 | 3.24 |
| 85-89 Years | 11,014 | 201,222 | 7,903,509 | 1,303,620 | 22,949.3 | 9 | 525,378 | 985,665.3 | 20.96 | 717.59 | 18.27 | 39.28 | 3.92 |
| 90+ Years | 4,026 | 73,947 | 2,714,238 | 483,675 | 7,896.1 | 2 | 233,029 | 460,766.9 | 17.28 | 674.18 | 18.37 | 36.71 | 2.53 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,419 | 40,393 | 1,482,095 | 238,472 | 4,325.9 | 0 | 3,469,538 | 5,641,640.0 | 0.41 | 1,044.46 | 28.47 | 36.69 | 0.00 |
| 50-54 Years | 5,467 | 157,226 | 5,858,004 | 946,232 | 17,002.4 | 1 | 3,389,505 | 5,633,721.5 | 1.61 | 1,071.52 | 28.76 | 37.26 | 0.59 |
| 55-59 Years | 9,894 | 272,982 | 10,535,292 | 1,657,295 | 30,537.5 | 6 | 2,964,426 | 5,007,053.9 | 3.34 | 1,064.82 | 27.59 | 38.59 | 1.96 |
| 60-64 Years | 9,546 | 244,824 | 9,791,636 | 1,606,301 | 28,313.6 | 5 | 2,122,152 | 3,421,089.0 | 4.50 | 1,025.73 | 25.65 | 39.99 | 1.77 |
| 65-74 Years | 27,577 | 675,425 | 30,433,462 | 4,726,996 | 87,443.1 | 17 | 2,520,462 | 5,456,701.9 | 10.94 | 1,103.58 | 24.49 | 45.06 | 1.94 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1 K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 75-79 Years | 11,736 | 306,392 | 13,060,926 | 2,035,282 | 37,542.7 | 10 | 966,102 | 1,795,310.3 | 12.15 | 1,112.89 | 26.11 | 42.63 | 2.66 |
| 80-84 Years | 9,093 | 237,661 | 9,853,235 | 1,585,840 | 28,348.4 | 7 | 675,383 | 1,251,164.4 | 13.46 | 1,083.61 | 26.14 | 41.46 | 2.47 |
| 85-89 Years | 4,814 | 129,703 | 5,103,212 | 812,314 | 14,701.7 | 5 | 371,958 | 658,965.1 | 12.94 | 1,060.08 | 26.94 | 39.35 | 3.40 |
| 90+ Years | 1,612 | 44,589 | 1,618,468 | 266,839 | 4,672.5 | 2 | 152,259 | 277,326.6 | 10.59 | 1,004.01 | 27.66 | 36.30 | 4.28 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 596 | 21,990 | 813,620 | 135,636 | 2,355.8 | 0 | 2,324,405 | 3,685,499.5 | 0.26 | 1,365.13 | 36.90 | 37.00 | 0.00 |
| 50-54 Years | 2,291 | 87,071 | 3,253,496 | 526,384 | 9,353.5 | 1 | 2,280,431 | 3,685,858.8 | 1.00 | 1,420.12 | 38.01 | 37.37 | 1.07 |
| 55-59 Years | 4,095 | 150,459 | 5,783,702 | 897,552 | 16,622.4 | 3 | 2,008,823 | 3,286,118.9 | 2.04 | 1,412.38 | 36.74 | 38.44 | 1.80 |
| 60-64 Years | 3,531 | 118,849 | 4,841,616 | 787,206 | 13,878.1 | 4 | 1,354,767 | 2,012,801.1 | 2.61 | 1,371.17 | 33.66 | 40.74 | 2.88 |
| 65-74 Years | 12,406 | 395,113 | 17,756,396 | 2,732,363 | 50,709.0 | 10 | 1,781,437 | 3,670,214.8 | 6.96 | 1,431.27 | 31.85 | 44.94 | 1.97 |
| 75-79 Years | 5,452 | 184,644 | 7,824,461 | 1,201,577 | 22,363.3 | 6 | 701,426 | 1,233,795.5 | 7.77 | 1,435.15 | 33.87 | 42.38 | 2.68 |
| 80-84 Years | 3,896 | 132,823 | 5,508,356 | 869,487 | 15,759.6 | 4 | 482,561 | 839,778.4 | 8.07 | 1,413.85 | 34.09 | 41.47 | 2.54 |
| 85-89 Years | 1,972 | 69,472 | 2,735,130 | 431,706 | 7,830.3 | 4 | 252,066 | 418,866.3 | 7.82 | 1,386.98 | 35.23 | 39.37 | 5.11 |
| 90+ Years | 577 | 20,723 | 755,661 | 118,476 | 2,171.7 | 2 | 93,872 | 158,202.8 | 6.15 | 1,309.64 | 35.92 | 36.46 | 9.21 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 218 | 9,818 | 368,955 | 57,740 | 1,060.3 | 0 | 1,595,348 | 2,340,416.3 | 0.14 | 1,692.45 | 45.04 | 37.58 | 0.00 |
| 50-54 Years | 1,016 | 46,310 | 1,745,207 | 292,191 | 4,981.1 | 1 | 1,568,950 | 2,344,355.2 | 0.65 | 1,717.72 | 45.58 | 37.69 | 2.01 |
| 55-59 Years | 1,751 | 78,668 | 3,011,972 | 442,698 | 8,599.5 | 1 | 1,390,506 | 2,090,497.3 | 1.26 | 1,720.14 | 44.93 | 38.29 | 1.16 |
| 60-64 Years | 1,270 | 51,888 | 2,162,502 | 380,129 | 6,153.9 | 3 | 864,882 | 1,113,441.4 | 1.47 | 1,702.76 | 40.86 | 41.68 | 4.87 |
| 65-74 Years | 5,400 | 210,898 | 9,365,676 | 1,433,024 | 26,618.5 | 4 | 1,302,992 | 2,360,305.5 | 4.14 | 1,734.38 | 39.06 | 44.41 | 1.50 |
| 75-79 Years | 2,435 | 99,947 | 4,211,987 | 643,717 | 11,985.6 | 2 | 512,202 | 805,141.9 | 4.75 | 1,729.77 | 41.05 | 42.14 | 1.67 |
| 80-84 Years | 1,625 | 68,131 | 2,792,453 | 444,142 | 7,964.2 | 1 | 344,559 | 529,638.6 | 4.72 | 1,718.43 | 41.93 | 40.99 | 1.26 |
| 85-89 Years | 771 | 33,161 | 1,302,025 | 209,150 | 3,715.6 | 2 | 169,739 | 248,688.7 | 4.54 | 1,688.75 | 43.01 | 39.26 | 5.38 |
| 90+ Years | 155 | 7,291 | 258,583 | 43,913 | 739.8 | 0 | 57,109 | 84,677.4 | 2.71 | 1,668.28 | 47.04 | 35.47 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 72 | 3,922 | 145,429 | 25,892 | 416.9 | 0 | 1,098,309 | 1,381,654.1 | 0.07 | 2,019.85 | 54.47 | 37.08 | 0.00 |
| 50-54 Years | 364 | 19,230 | 739,174 | 131,955 | 2,094.9 | 1 | 1,083,395 | 1,388,551.3 | 0.34 | 2,030.70 | 52.83 | 38.44 | 4.77 |
| 55-59 Years | 642 | 33,419 | 1,297,303 | 188,366 | 3,685.2 | 1 | 961,354 | 1,236,484.3 | 0.67 | 2,020.72 | 52.05 | 38.82 | 2.71 |
| 60-64 Years | 395 | 18,781 | 810,431 | 160,682 | 2,292.7 | 1 | 467,044 | 548,328.9 | 0.85 | 2,051.72 | 47.55 | 43.15 | 4.36 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 65-74 Years | 2,029 | 93,175 | 4,091,231 | 609,399 | 11,585.6 | 2 | 965,445 | 1,374,153.1 | 2.10 | 2,016.38 | 45.92 | 43.91 | 1.73 |
| 75-79 Years | 937 | 45,298 | 1,870,782 | 281,438 | 5,310.0 | 2 | 370,030 | 473,214.6 | 2.53 | 1,996.57 | 48.34 | 41.30 | 3.77 |
| 80-84 Years | 605 | 29,877 | 1,199,878 | 192,860 | 3,413.7 | 0 | 240,228 | 297,551.4 | 2.52 | 1,983.27 | 49.38 | 40.16 | 0.00 |
| 85-89 Years | 250 | 12,381 | 494,213 | 73,284 | 1,401.9 | 1 | 109,526 | 130,533.8 | 2.28 | 1,976.85 | 49.52 | 39.92 | 7.13 |
| 90+ Years | 48 | 2,580 | 93,272 | 13,258 | 266.2 | 0 | 33,456 | 40,478.2 | 1.43 | 1,943.17 | 53.75 | 36.15 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,057 | 110,075 | 3,875,388 | 668,592 | 17,804.6 | 7 | 7,616,197 | 12,515,783.4 | 2.90 | 175.70 | 4.99 | 35.21 | 3.93 |
| 50-54 Years | 61,870 | 356,407 | 12,786,344 | 2,141,762 | 54,841.3 | 7 | 7,236,958 | 12,251,438.3 | 8.55 | 206.66 | 5.76 | 35.88 | 1.28 |
| 55-59 Years | 97,184 | 578,468 | 21,743,243 | 3,574,234 | 90,132.0 | 22 | 6,139,330 | 10,606,555.9 | 15.83 | 223.73 | 5.95 | 37.59 | 2.44 |
| 60-64 Years | 100,907 | 569,347 | 22,091,073 | 3,737,074 | 90,187.6 | 27 | 4,640,022 | 8,279,928.7 | 21.75 | 218.93 | 5.64 | 38.80 | 2.99 |
| 65-74 Years | 202,731 | 1,227,873 | 54,255,431 | 8,659,706 | 211,152.3 | 84 | 4,887,600 | 10,825,352.1 | 41.48 | 267.62 | 6.06 | 44.19 | 3.98 |
| 75-79 Years | 74,010 | 493,343 | 20,879,784 | 3,374,043 | 80,917.6 | 46 | 1,678,357 | 3,279,884.3 | 44.10 | 282.12 | 6.67 | 42.32 | 5.68 |
| 80-84 Years | 57,393 | 385,889 | 15,849,583 | 2,674,679 | 61,785.1 | 31 | 1,170,417 | 2,316,825.6 | 49.04 | 276.16 | 6.72 | 41.07 | 5.02 |
| 85-89 Years | 32,209 | 210,916 | 8,268,738 | 1,430,268 | 32,880.0 | 20 | 694,669 | 1,330,532.0 | 46.37 | 256.72 | 6.55 | 39.20 | 6.08 |
| 90+ Years | 12,207 | 78,623 | 2,884,678 | 547,866 | 11,626.4 | 6 | 329,519 | 685,842.9 | 37.04 | 236.31 | 6.44 | 36.69 | 5.16 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,806 | 46,640 | 1,712,892 | 287,092 | 5,484.5 | 0 | 3,469,538 | 5,641,159.9 | 0.52 | 948.45 | 25.83 | 36.73 | 0.00 |
| 50-54 Years | 6,727 | 177,310 | 6,609,995 | 1,068,147 | 20,991.5 | 1 | 3,389,295 | 5,631,566.9 | 1.98 | 982.61 | 26.36 | 37.28 | 0.48 |
| 55-59 Years | 12,281 | 309,764 | 11,957,809 | 1,900,536 | 37,989.8 | 9 | 2,963,748 | 5,002,376.8 | 4.14 | 973.68 | 25.22 | 38.60 | 2.37 |
| 60-64 Years | 11,912 | 279,759 | 11,196,862 | 1,867,878 | 35,322.3 | 5 | 2,120,898 | 3,415,605.6 | 5.62 | 939.96 | 23.49 | 40.02 | 1.42 |
| 65-74 Years | 33,746 | 755,893 | 34,141,435 | 5,317,634 | 106,706.8 | 20 | 2,519,758 | 5,443,713.9 | 13.39 | 1,011.72 | 22.40 | 45.17 | 1.87 |
| 75-79 Years | 14,292 | 341,640 | 14,589,966 | 2,290,732 | 45,637.1 | 16 | 964,812 | 1,789,263.2 | 14.81 | 1,020.85 | 23.90 | 42.71 | 3.51 |
| 80-84 Years | 11,041 | 264,663 | 11,003,302 | 1,775,009 | 34,510.5 | 10 | 674,256 | 1,246,387.8 | 16.38 | 996.59 | 23.97 | 41.57 | 2.90 |
| 85-89 Years | 5,863 | 145,475 | 5,726,891 | 928,408 | 17,978.2 | 7 | 371,218 | 656,270.7 | 15.79 | 976.79 | 24.81 | 39.37 | 3.89 |
| 90+ Years | 1,984 | 50,422 | 1,841,919 | 300,020 | 5,820.3 | 2 | 151,949 | 276,322.7 | 13.06 | 928.39 | 25.41 | 36.53 | 3.44 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 279 | 11,885 | 448,679 | 70,203 | 1,367.6 | 0 | 1,595,348 | 2,340,346.2 | 0.17 | 1,608.17 | 42.60 | 37.75 | 0.00 |
| 50-54 Years | 1,244 | 53,994 | 2,039,858 | 337,346 | 6,173.8 | 1 | 1,568,923 | 2,344,055.3 | 0.79 | 1,639.76 | 43.40 | 37.78 | 1.62 |
| 55-59 Years | 2,163 | 92,546 | 3,551,850 | 537,832 | 10,720.1 | 2 | 1,390,393 | 2,089,836.2 | 1.56 | 1,642.09 | 42.79 | 38.38 | 1.87 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 60-64 Years | 1,585 | 61,785 | 2,575,512 | 441,129 | 7,702.6 | 4 | 864,706 | 1,112,864.5 | 1.83 | 1,624.93 | 38.98 | 41.69 | 5.19 |
| 65-74 Years | 6,590 | 245,185 | 10,932,160 | 1,666,262 | 32,524.4 | 5 | 1,302,909 | 2,358,506.8 | 5.06 | 1,658.90 | 37.21 | 44.59 | 1.54 |
| 75-79 Years | 2,943 | 115,619 | 4,877,987 | 749,141 | 14,539.2 | 3 | 512,023 | 804,310.2 | 5.75 | 1,657.49 | 39.29 | 42.19 | 2.06 |
| 80-84 Years | 2,003 | 80,078 | 3,286,356 | 522,425 | 9,820.5 | 2 | 344,415 | 529,012.1 | 5.82 | 1,640.72 | 39.98 | 41.04 | 2.04 |
| 85-89 Years | 975 | 40,153 | 1,570,055 | 249,495 | 4,692.5 | 2 | 169,642 | 248,367.6 | 5.75 | 1,610.31 | 41.18 | 39.10 | 4.26 |
| 90+ Years | 211 | 9,060 | 332,031 | 55,432 | 1,001.8 | 1 | 57,082 | 84,603.7 | 3.70 | 1,573.61 | 42.94 | 36.65 | 9.98 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,057 | 110,075 | 3,875,388 | 668,592 | 21,611.1 | 8 | 7,616,197 | 12,515,783.4 | 2.90 | 175.70 | 4.99 | 35.21 | 3.70 |
| 50-54 Years | 61,870 | 356,407 | 12,786,344 | 2,141,762 | 65,185.4 | 7 | 7,236,958 | 12,251,438.3 | 8.55 | 206.66 | 5.76 | 35.88 | 1.07 |
| 55-59 Years | 97,184 | 578,468 | 21,743,243 | 3,574,234 | 105,759.0 | 26 | 6,139,330 | 10,606,555.9 | 15.83 | 223.73 | 5.95 | 37.59 | 2.46 |
| 60-64 Years | 100,907 | 569,347 | 22,091,073 | 3,737,074 | 104,696.5 | 35 | 4,640,022 | 8,279,928.7 | 21.75 | 218.93 | 5.64 | 38.80 | 3.34 |
| 65-74 Years | 202,731 | 1,227,873 | 54,255,431 | 8,659,706 | 243,376.5 | 101 | 4,887,600 | 10,825,352.1 | 41.48 | 267.62 | 6.06 | 44.19 | 4.15 |
| 75-79 Years | 74,010 | 493,343 | 20,879,784 | 3,374,043 | 93,353.1 | 61 | 1,678,357 | 3,279,884.3 | 44.10 | 282.12 | 6.67 | 42.32 | 6.53 |
| 80-84 Years | 57,393 | 385,889 | 15,849,583 | 2,674,679 | 71,382.9 | 38 | 1,170,417 | 2,316,825.6 | 49.04 | 276.16 | 6.72 | 41.07 | 5.32 |
| 85-89 Years | 32,209 | 210,916 | 8,268,738 | 1,430,268 | 38,168.2 | 22 | 694,669 | 1,330,532.0 | 46.37 | 256.72 | 6.55 | 39.20 | 5.76 |
| 90+ Years | 12,207 | 78,623 | 2,884,678 | 547,866 | 13,498.1 | 6 | 329,519 | 685,842.9 | 37.04 | 236.31 | 6.44 | 36.69 | 4.45 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 2,182 | 50,966 | 1,865,165 | 314,050 | 6,628.0 | 1 | 3,469,538 | 5,640,696.4 | 0.63 | 854.80 | 23.36 | 36.60 | 1.51 |
| 50-54 Years | 8,180 | 193,714 | 7,196,558 | 1,176,832 | 25,365.1 | 1 | 3,389,101 | 5,629,279.1 | 2.41 | 879.77 | 23.68 | 37.15 | 0.39 |
| 55-59 Years | 14,917 | 337,513 | 13,029,920 | 2,098,648 | 46,010.4 | 9 | 2,963,014 | 4,997,291.3 | 5.03 | 873.49 | 22.63 | 38.61 | 1.96 |
| 60-64 Years | 14,507 | 306,076 | 12,261,775 | 2,050,694 | 42,875.7 | 6 | 2,119,637 | 3,410,210.3 | 6.84 | 845.23 | 21.10 | 40.06 | 1.40 |
| 65-74 Years | 40,161 | 815,243 | 36,813,560 | 5,745,361 | 126,542.1 | 29 | 2,519,078 | 5,431,005.9 | 15.94 | 916.65 | 20.30 | 45.16 | 2.29 |
| 75-79 Years | 16,828 | 366,126 | 15,644,781 | 2,476,418 | 53,676.8 | 19 | 963,571 | 1,783,575.7 | 17.46 | 929.69 | 21.76 | 42.73 | 3.54 |
| 80-84 Years | 13,145 | 285,770 | 11,878,471 | 1,933,218 | 40,960.8 | 16 | 673,185 | 1,241,647.4 | 19.53 | 903.65 | 21.74 | 41.57 | 3.91 |
| 85-89 Years | 7,042 | 157,779 | 6,217,623 | 1,014,635 | 21,492.0 | 8 | 370,419 | 653,490.5 | 19.01 | 882.93 | 22.41 | 39.41 | 3.72 |
| 90+ Years | 2,388 | 54,867 | 2,010,800 | 342,904 | 7,014.3 | 2 | 151,601 | 275,255.7 | 15.75 | 842.04 | 22.98 | 36.65 | 2.85 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 350 | 14,041 | 527,212 | 94,319 | 1,726.4 | 0 | 1,595,348 | 2,340,275.9 | 0.22 | 1,506.32 | 40.12 | 37.55 | 0.00 |
| 50-54 Years | 1,445 | 60,071 | 2,264,849 | 374,394 | 7,266.3 | 1 | 1,568,884 | 2,343,765.6 | 0.92 | 1,567.37 | 41.57 | 37.70 | 1.38 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1 K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 55-59 Years | 2,595 | 104,931 | 4,033,495 | 607,092 | 12,941.0 | 2 | 1,390,300 | 2,089,230.1 | 1.87 | 1,554.33 | 40.44 | 38.44 | 1.55 |
| 60-64 Years | 1,933 | 71,072 | 2,967,790 | 499,979 | 9,413.1 | 4 | 864,533 | 1,112,268.5 | 2.24 | 1,535.33 | 36.77 | 41.76 | 4.25 |
| 65-74 Years | 7,794 | 274,463 | 12,293,759 | 1,894,172 | 38,571.7 | 6 | 1,302,811 | 2,356,731.2 | 5.98 | 1,577.34 | 35.21 | 44.79 | 1.56 |
| 75-79 Years | 3,440 | 128,551 | 5,438,329 | 832,597 | 17,068.8 | 5 | 511,881 | 803,569.0 | 6.72 | 1,580.91 | 37.37 | 42.30 | 2.93 |
| 80-84 Years | 2,361 | 89,686 | 3,690,927 | 583,380 | 11,612.6 | 3 | 344,262 | 528,447.5 | 6.86 | 1,563.29 | 37.99 | 41.15 | 2.58 |
| 85-89 Years | 1,159 | 45,444 | 1,779,038 | 284,222 | 5,588.4 | 4 | 169,563 | 248,089.1 | 6.84 | 1,534.98 | 39.21 | 39.15 | 7.16 |
| 90+ Years | 271 | 10,997 | 399,612 | 65,149 | 1,287.5 | 1 | 57,045 | 84,514.6 | 4.75 | 1,474.58 | 40.58 | 36.34 | 7.77 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,996 | 109,644 | 3,861,726 | 666,614 | 11,421.0 | 42 | 7,616,253 | 12,515,070.0 | 2.89 | 175.56 | 4.98 | 35.22 | 36.77 |
| 50-54 Years | 61,752 | 355,357 | 12,751,752 | 2,138,046 | 37,506.2 | 70 | 7,237,154 | 12,250,846.9 | 8.53 | 206.50 | 5.75 | 35.88 | 18.66 |
| 55-59 Years | 96,996 | 577,227 | 21,700,639 | 3,568,509 | 63,564.2 | 174 | 6,139,723 | 10,605,700.6 | 15.80 | 223.73 | 5.95 | 37.59 | 27.37 |
| 60-64 Years | 100,603 | 567,456 | 22,026,368 | 3,727,569 | 64,215.2 | 213 | 4,640,451 | 8,279,025.1 | 21.68 | 218.94 | 5.64 | 38.82 | 33.17 |
| 65-74 Years | 201,736 | 1,220,433 | 53,971,981 | 8,622,725 | 155,469.3 | 925 | 4,887,968 | 10,819,737.0 | 41.27 | 267.54 | 6.05 | 44.22 | 59.50 |
| 75-79 Years | 73,195 | 487,679 | 20,673,561 | 3,339,272 | 59,351.7 | 739 | 1,678,332 | 3,272,954.3 | 43.61 | 282.44 | 6.66 | 42.39 | 124.51 |
| 80-84 Years | 56,361 | 377,547 | 15,546,799 | 2,621,401 | 44,491.9 | 953 | 1,170,165 | 2,306,504.2 | 48.17 | 275.84 | 6.70 | 41.18 | 214.20 |
| 85-89 Years | 31,278 | 204,035 | 8,018,382 | 1,379,589 | 22,892.1 | 775 | 694,266 | 1,319,180.6 | 45.05 | 256.36 | 6.52 | 39.30 | 338.54 |
| 90+ Years | 11,658 | 74,801 | 2,760,598 | 520,786 | 7,874.1 | 391 | 329,068 | 675,643.7 | 35.43 | 236.80 | 6.42 | 36.91 | 496.56 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 3,962 | 72,603 | 2,623,816 | 446,540 | 7,749.6 | 19 | 5,196,792 | 8,550,105.6 | 0.76 | 662.25 | 18.32 | 36.14 | 24.52 |
| 50-54 Years | 13,841 | 262,427 | 9,636,590 | 1,594,495 | 28,324.3 | 37 | 5,033,524 | 8,499,478.5 | 2.75 | 696.24 | 18.96 | 36.72 | 13.06 |
| 55-59 Years | 25,075 | 454,919 | 17,396,219 | 2,800,002 | 50,981.0 | 102 | 4,355,650 | 7,496,717.6 | 5.76 | 693.77 | 18.14 | 38.24 | 20.01 |
| 60-64 Years | 26,385 | 441,199 | 17,459,312 | 2,888,603 | 50,961.9 | 127 | 3,245,265 | 5,563,924.1 | 8.13 | 661.71 | 16.72 | 39.57 | 24.92 |
| 65-74 Years | 63,806 | 1,044,152 | 47,046,357 | 7,359,465 | 135,727.1 | 625 | 3,524,701 | 7,922,374.2 | 18.10 | 737.33 | 16.36 | 45.06 | 46.05 |
| 75-79 Years | 25,432 | 449,559 | 19,233,390 | 3,048,340 | 55,276.0 | 497 | 1,297,587 | 2,514,073.8 | 19.60 | 756.27 | 17.68 | 42.78 | 89.91 |
| 80-84 Years | 19,719 | 349,990 | 14,543,507 | 2,395,875 | 41,650.7 | 635 | 911,409 | 1,773,540.3 | 21.64 | 737.54 | 17.75 | 41.55 | 152.46 |
| 85-89 Years | 10,596 | 193,010 | 7,605,791 | 1,248,699 | 21,718.6 | 474 | 525,028 | 977,372.8 | 20.18 | 717.80 | 18.22 | 39.41 | 218.25 |
| 90+ Years | 3,824 | 69,700 | 2,573,248 | 446,889 | 7,314.9 | 233 | 232,761 | 454,298.2 | 16.43 | 672.92 | 18.23 | 36.92 | 318.53 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,412 | 40,142 | 1,474,292 | 237,360 | 4,289.0 | 9 | 3,469,520 | 5,641,217.4 | 0.41 | 1,044.12 | 28.43 | 36.73 | 20.98 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50-54 Years | 5,444 | 156,568 | 5,834,609 | 942,924 | 16,911.8 | 24 | 3,389,508 | 5,633,140.0 | 1.61 | 1,071.75 | 28.76 | 37.27 | 14.19 |
| 55-59 Years | 9,875 | 272,363 | 10,513,550 | 1,654,188 | 30,412.1 | 50 | 2,964,406 | 5,006,139.4 | 3.33 | 1,064.66 | 27.58 | 38.60 | 16.44 |
| 60-64 Years | 9,517 | 243,993 | 9,762,256 | 1,602,101 | 28,149.0 | 63 | 2,122,127 | 3,420,137.6 | 4.48 | 1,025.77 | 25.64 | 40.01 | 22.38 |
| 65-74 Years | 27,388 | 670,315 | 30,232,270 | 4,697,497 | 86,401.2 | 361 | 2,520,348 | 5,452,397.3 | 10.87 | 1,103.85 | 24.47 | 45.10 | 41.78 |
| 75-79 Years | 11,589 | 301,903 | 12,892,635 | 2,009,667 | 36,701.5 | 273 | 965,911 | 1,790,921.4 | 12.00 | 1,112.49 | 26.05 | 42.70 | 74.38 |
| 80-84 Years | 8,852 | 231,056 | 9,599,540 | 1,546,454 | 27,208.9 | 355 | 675,119 | 1,245,374.5 | 13.11 | 1,084.45 | 26.10 | 41.55 | 130.47 |
| 85-89 Years | 4,633 | 124,602 | 4,910,733 | 782,228 | 13,883.1 | 238 | 371,633 | 653,437.6 | 12.47 | 1,059.95 | 26.89 | 39.41 | 171.43 |
| 90+ Years | 1,512 | 41,520 | 1,517,908 | 246,044 | 4,269.3 | 103 | 152,058 | 273,407.2 | 9.94 | 1,003.91 | 27.46 | 36.56 | 241.26 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 592 | 21,820 | 808,483 | 134,900 | 2,332.8 | 4 | 2,324,390 | 3,685,209.5 | 0.25 | 1,365.68 | 36.86 | 37.05 | 17.15 |
| 50-54 Years | 2,282 | 86,742 | 3,241,989 | 524,765 | 9,307.5 | 13 | 2,280,420 | 3,685,452.2 | 1.00 | 1,420.68 | 38.01 | 37.38 | 13.97 |
| 55-59 Years | 4,086 | 150,092 | 5,770,085 | 895,608 | 16,547.8 | 20 | 2,008,808 | 3,285,484.5 | 2.03 | 1,412.16 | 36.73 | 38.44 | 12.09 |
| 60-64 Years | 3,525 | 118,569 | 4,831,625 | 785,780 | 13,807.7 | 31 | 1,354,765 | 2,012,218.5 | 2.60 | 1,370.67 | 33.64 | 40.75 | 22.45 |
| 65-74 Years | 12,318 | 392,049 | 17,638,761 | 2,715,537 | 50,055.6 | 199 | 1,781,349 | 3,667,274.3 | 6.91 | 1,431.95 | 31.83 | 44.99 | 39.76 |
| 75-79 Years | 5,377 | 181,789 | 7,715,910 | 1,185,064 | 21,798.1 | 161 | 701,285 | 1,230,840.8 | 7.67 | 1,434.98 | 33.81 | 42.44 | 73.86 |
| 80-84 Years | 3,806 | 129,625 | 5,380,985 | 851,400 | 15,160.0 | 158 | 482,312 | 835,905.2 | 7.89 | 1,413.82 | 34.06 | 41.51 | 104.22 |
| 85-89 Years | 1,902 | 66,876 | 2,637,811 | 416,052 | 7,394.0 | 105 | 251,852 | 415,404.6 | 7.55 | 1,386.86 | 35.16 | 39.44 | 142.01 |
| 90+ Years | 540 | 19,247 | 707,428 | 111,645 | 1,982.1 | 34 | 93,696 | 155,988.8 | 5.76 | 1,310.05 | 35.64 | 36.76 | 171.54 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 216 | 9,711 | 365,959 | 57,312 | 1,051.3 | 0 | 1,595,334 | 2,340,227.0 | 0.14 | 1,694.25 | 44.96 | 37.68 | 0.00 |
| 50-54 Years | 1,014 | 46,196 | 1,741,952 | 291,742 | 4,969.7 | 3 | 1,568,938 | 2,344,080.7 | 0.65 | 1,717.90 | 45.56 | 37.71 | 6.04 |
| 55-59 Years | 1,744 | 78,379 | 3,000,519 | 441,064 | 8,554.5 | 7 | 1,390,481 | 2,090,106.5 | 1.25 | 1,720.48 | 44.94 | 38.28 | 8.18 |
| 60-64 Years | 1,267 | 51,712 | 2,156,114 | 379,216 | 6,116.6 | 14 | 864,868 | 1,113,112.8 | 1.46 | 1,701.75 | 40.81 | 41.69 | 22.89 |
| 65-74 Years | 5,368 | 209,551 | 9,314,018 | 1,425,582 | 26,292.9 | 80 | 1,302,909 | 2,358,384.0 | 4.12 | 1,735.10 | 39.04 | 44.45 | 30.43 |
| 75-79 Years | 2,396 | 98,250 | 4,146,071 | 634,386 | 11,676.5 | 75 | 512,112 | 803,260.3 | 4.68 | 1,730.41 | 41.01 | 42.20 | 64.23 |
| 80-84 Years | 1,591 | 66,585 | 2,732,830 | 435,688 | 7,646.1 | 74 | 344,420 | 527,259.3 | 4.62 | 1,717.68 | 41.85 | 41.04 | 96.78 |
| 85-89 Years | 741 | 31,841 | 1,252,871 | 202,206 | 3,493.8 | 46 | 169,540 | 246,681.1 | 4.37 | 1,690.78 | 42.97 | 39.35 | 131.66 |
| 90+ Years | 144 | 6,688 | 239,753 | 41,224 | 664.1 | 10 | 56,987 | 83,560.5 | 2.53 | 1,664.95 | 46.44 | 35.85 | 150.58 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 45-49 Years | 72 | 3,922 | 145,429 | 25,892 | 416.9 | 0 | 1,098,295 | 1,381,535.2 | 0.07 | 2,019.85 | 54.47 | 37.08 | 0.00 |
| 50-54 Years | 364 | 19,230 | 739,174 | 131,955 | 2,096.9 | 2 | 1,083,389 | 1,388,383.8 | 0.34 | 2,030.70 | 52.83 | 38.44 | 9.54 |
| 55-59 Years | 641 | 33,349 | 1,295,343 | 188,086 | 3,671.2 | 4 | 961,341 | 1,236,259.6 | 0.67 | 2,020.82 | 52.03 | 38.84 | 10.90 |
| 60-64 Years | 393 | 18,658 | 805,527 | 159,981 | 2,279.6 | 2 | 467,027 | 548,147.2 | 0.84 | 2,049.69 | 47.48 | 43.17 | 8.77 |
| 65-74 Years | 2,022 | 92,898 | 4,077,939 | 607,510 | 11,466.0 | 29 | 965,411 | 1,373,022.6 | 2.09 | 2,016.78 | 45.94 | 43.90 | 25.29 |
| 75-79 Years | 923 | 44,575 | 1,843,960 | 277,651 | 5,165.4 | 26 | 369,952 | 472,146.1 | 2.49 | 1,997.79 | 48.29 | 41.37 | 50.34 |
| 80-84 Years | 593 | 29,157 | 1,174,854 | 189,309 | 3,268.1 | 29 | 240,112 | 296,255.7 | 2.47 | 1,981.20 | 49.17 | 40.29 | 88.74 |
| 85-89 Years | 242 | 11,990 | 478,235 | 71,015 | 1,330.1 | 11 | 109,407 | 129,507.4 | 2.21 | 1,976.18 | 49.55 | 39.89 | 82.70 |
| 90+ Years | 44 | 2,348 | 85,373 | 12,130 | 239.6 | 4 | 33,389 | 39,972.9 | 1.32 | 1,940.30 | 53.36 | 36.36 | 166.91 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,996 | 109,644 | 3,861,726 | 666,614 | 17,714.3 | 52 | 7,616,253 | 12,515,070.0 | 2.89 | 175.56 | 4.98 | 35.22 | 29.35 |
| 50-54 Years | 61,752 | 355,357 | 12,751,752 | 2,138,046 | 54,665.2 | 112 | 7,237,154 | 12,250,846.9 | 8.53 | 206.50 | 5.75 | 35.88 | 20.49 |
| 55-59 Years | 96,996 | 577,227 | 21,700,639 | 3,568,509 | 89,798.8 | 258 | 6,139,723 | 10,605,700.6 | 15.80 | 223.73 | 5.95 | 37.59 | 28.73 |
| 60-64 Years | 100,603 | 567,456 | 22,026,368 | 3,727,569 | 89,728.4 | 326 | 4,640,451 | 8,279,025.1 | 21.68 | 218.94 | 5.64 | 38.82 | 36.33 |
| 65-74 Years | 201,736 | 1,220,433 | 53,971,981 | 8,622,725 | 209,200.9 | 1,353 | 4,887,968 | 10,819,737.0 | 41.27 | 267.54 | 6.05 | 44.22 | 64.67 |
| 75-79 Years | 73,195 | 487,679 | 20,673,561 | 3,339,272 | 79,422.9 | 1,121 | 1,678,332 | 3,272,954.3 | 43.61 | 282.44 | 6.66 | 42.39 | 141.14 |
| 80-84 Years | 56,361 | 377,547 | 15,546,799 | 2,621,401 | 59,820.7 | 1,401 | 1,170,165 | 2,306,504.2 | 48.17 | 275.84 | 6.70 | 41.18 | 234.20 |
| 85-89 Years | 31,278 | 204,035 | 8,018,382 | 1,379,589 | 31,289.0 | 1,156 | 694,266 | 1,319,180.6 | 45.05 | 256.36 | 6.52 | 39.30 | 369.46 |
| 90+ Years | 11,658 | 74,801 | 2,760,598 | 520,786 | 10,850.8 | 565 | 329,068 | 675,643.7 | 35.43 | 236.80 | 6.42 | 36.91 | 520.70 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,797 | 46,343 | 1,703,801 | 285,796 | 5,439.1 | 10 | 3,469,520 | 5,640,740.8 | 0.52 | 948.14 | 25.79 | 36.77 | 18.39 |
| 50-54 Years | 6,702 | 176,619 | 6,585,406 | 1,064,667 | 20,884.0 | 29 | 3,389,298 | 5,630,987.0 | 1.98 | 982.60 | 26.35 | 37.29 | 13.89 |
| 55-59 Years | 12,254 | 309,016 | 11,931,320 | 1,896,752 | 37,815.3 | 73 | 2,963,729 | 5,001,476.1 | 4.13 | 973.67 | 25.22 | 38.61 | 19.30 |
| 60-64 Years | 11,872 | 278,768 | 11,161,027 | 1,862,766 | 35,095.5 | 92 | 2,120,878 | 3,414,686.3 | 5.60 | 940.11 | 23.48 | 40.04 | 26.21 |
| 65-74 Years | 33,517 | 750,123 | 33,916,999 | 5,284,546 | 105,380.4 | 489 | 2,519,650 | 5,439,519.9 | 13.30 | 1,011.93 | 22.38 | 45.22 | 46.40 |
| 75-79 Years | 14,120 | 336,695 | 14,407,048 | 2,262,475 | 44,588.1 | 396 | 964,632 | 1,784,958.8 | 14.64 | 1,020.33 | 23.85 | 42.79 | 88.81 |
| 80-84 Years | 10,765 | 257,498 | 10,728,060 | 1,732,547 | 33,099.8 | 497 | 674,004 | 1,240,682.0 | 15.97 | 996.57 | 23.92 | 41.66 | 150.15 |
| 85-89 Years | 5,649 | 139,823 | 5,513,897 | 895,410 | 16,962.9 | 329 | 370,906 | 650,827.1 | 15.23 | 976.08 | 24.75 | 39.43 | 193.95 |
| 90+ Years | 1,867 | 47,051 | 1,730,709 | 277,758 | 5,310.6 | 149 | 151,760 | 272,453.6 | 12.30 | 927.00 | 25.20 | 36.78 | 280.57 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 277 | 11,778 | 445,683 | 69,775 | 1,358.1 | 0 | 1,595,334 | 2,340,157.0 | 0.17 | 1,608.96 | 42.52 | 37.84 | 0.00 |
| 50-54 Years | 1,241 | 53,831 | 2,035,215 | 336,701 | 6,157.5 | 3 | 1,568,911 | 2,343,782.6 | 0.79 | 1,639.98 | 43.38 | 37.81 | 4.87 |
| 55-59 Years | 2,156 | 92,257 | 3,540,397 | 536,198 | 10,656.9 | 13 | 1,390,369 | 2,089,447.7 | 1.55 | 1,642.11 | 42.79 | 38.38 | 12.20 |
| 60-64 Years | 1,582 | 61,609 | 2,569,124 | 440,216 | 7,660.0 | 19 | 864,692 | 1,112,535.9 | 1.83 | 1,623.97 | 38.94 | 41.70 | 24.80 |
| 65-74 Years | 6,552 | 243,595 | 10,872,623 | 1,657,715 | 32,116.7 | 111 | 1,302,826 | 2,356,597.4 | 5.03 | 1,659.44 | 37.18 | 44.63 | 34.56 |
| 75-79 Years | 2,897 | 113,697 | 4,803,027 | 738,535 | 14,144.3 | 104 | 511,933 | 802,441.4 | 5.66 | 1,657.93 | 39.25 | 42.24 | 73.53 |
| 80-84 Years | 1,958 | 78,188 | 3,212,078 | 511,899 | 9,420.3 | 104 | 344,276 | 526,647.1 | 5.69 | 1,640.49 | 39.93 | 41.08 | 110.40 |
| 85-89 Years | 939 | 38,653 | 1,513,065 | 241,440 | 4,417.6 | 57 | 169,444 | 246,368.7 | 5.54 | 1,611.36 | 41.16 | 39.14 | 129.03 |
| 90+ Years | 197 | 8,347 | 309,214 | 52,187 | 905.6 | 17 | 56,960 | 83,489.3 | 3.46 | 1,569.61 | 42.37 | 37.04 | 187.72 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,996 | 109,644 | 3,861,726 | 666,614 | 21,503.9 | 58 | 7,616,253 | 12,515,070.0 | 2.89 | 175.56 | 4.98 | 35.22 | 26.97 |
| 50-54 Years | 61,752 | 355,357 | 12,751,752 | 2,138,046 | 64,967.5 | 135 | 7,237,154 | 12,250,846.9 | 8.53 | 206.50 | 5.75 | 35.88 | 20.78 |
| 55-59 Years | 96,996 | 577,227 | 21,700,639 | 3,568,509 | 105,344.5 | 292 | 6,139,723 | 10,605,700.6 | 15.80 | 223.73 | 5.95 | 37.59 | 27.72 |
| 60-64 Years | 100,603 | 567,456 | 22,026,368 | 3,727,569 | 104,129.7 | 383 | 4,640,451 | 8,279,025.1 | 21.68 | 218.94 | 5.64 | 38.82 | 36.78 |
| 65-74 Years | 201,736 | 1,220,433 | 53,971,981 | 8,622,725 | 241,006.1 | 1,566 | 4,887,968 | 10,819,737.0 | 41.27 | 267.54 | 6.05 | 44.22 | 64.98 |
| 75-79 Years | 73,195 | 487,679 | 20,673,561 | 3,339,272 | 91,505.6 | 1,292 | 1,678,332 | 3,272,954.3 | 43.61 | 282.44 | 6.66 | 42.39 | 141.19 |
| 80-84 Years | 56,361 | 377,547 | 15,546,799 | 2,621,401 | 68,963.4 | 1,643 | 1,170,165 | 2,306,504.2 | 48.17 | 275.84 | 6.70 | 41.18 | 238.24 |
| 85-89 Years | 31,278 | 204,035 | 8,018,382 | 1,379,589 | 36,194.3 | 1,342 | 694,266 | 1,319,180.6 | 45.05 | 256.36 | 6.52 | 39.30 | 370.78 |
| 90+ Years | 11,658 | 74,801 | 2,760,598 | 520,786 | 12,547.5 | 624 | 329,068 | 675,643.7 | 35.43 | 236.80 | 6.42 | 36.91 | 497.31 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 2,173 | 50,669 | 1,856,074 | 312,754 | 6,578.3 | 13 | 3,469,520 | 5,640,277.3 | 0.63 | 854.15 | 23.32 | 36.63 | 19.76 |
| 50-54 Years | 8,150 | 192,971 | 7,170,121 | 1,173,088 | 25,227.1 | 41 | 3,389,104 | 5,628,707.0 | 2.40 | 879.77 | 23.68 | 37.16 | 16.25 |
| 55-59 Years | 14,886 | 336,712 | 13,001,950 | 2,094,652 | 45,787.1 | 93 | 2,962,999 | 4,996,408.4 | 5.02 | 873.43 | 22.62 | 38.61 | 20.31 |
| 60-64 Years | 14,459 | 304,989 | 12,222,332 | 2,045,070 | 42,585.0 | 117 | 2,119,621 | 3,409,305.7 | 6.82 | 845.31 | 21.09 | 40.07 | 27.47 |
| 65-74 Years | 39,900 | 809,144 | 36,575,852 | 5,710,381 | 124,946.2 | 606 | 2,518,976 | 5,426,888.1 | 15.84 | 916.69 | 20.28 | 45.20 | 48.50 |
| 75-79 Years | 16,625 | 360,890 | 15,449,374 | 2,446,389 | 52,404.3 | 488 | 963,401 | 1,779,339.3 | 17.26 | 929.29 | 21.71 | 42.81 | 93.12 |
| 80-84 Years | 12,821 | 278,061 | 11,583,802 | 1,885,907 | 39,239.7 | 633 | 672,947 | 1,236,054.8 | 19.05 | 903.50 | 21.69 | 41.66 | 161.32 |
| 85-89 Years | 6,774 | 151,448 | 5,980,897 | 978,241 | 20,207.9 | 437 | 370,129 | 648,180.2 | 18.30 | 882.92 | 22.36 | 39.49 | 216.25 |


| 90+ Years | Users 2,253 | $\begin{gathered} \text { Dispensings } \\ 51,297 \end{gathered}$ | $\begin{gathered} \text { Days Supplied } \\ 1,891,816 \end{gathered}$ | Amount <br> Supplied <br> 315,699 | Years at Risk 6,382.5 | Episodes w/ Events 193 | Eligible Members 151,426 | Member- Years $271,438.2$ | Users / 1K Eligible Members 14.88 | Days <br> Supplied/ <br> User $839.69$ | $\begin{gathered} \text { Dispensings / } \\ \text { User } \\ 22.77 \end{gathered}$ | Days Supplied/ Dispensing 36.88 | Episodes w/ <br> Events / 10K <br> Years at Risk <br> 302.39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 348 | 13,934 | 524,216 | 93,891 | 1,715.7 | 1 | 1,595,334 | 2,340,086.6 | 0.22 | 1,506.37 | 40.04 | 37.62 | 5.83 |
| 50-54 Years | 1,442 | 59,908 | 2,260,206 | 373,749 | 7,244.9 | 6 | 1,568,872 | 2,343,492.9 | 0.92 | 1,567.41 | 41.55 | 37.73 | 8.28 |
| 55-59 Years | 2,588 | 104,642 | 4,022,042 | 605,458 | 12,867.8 | 20 | 1,390,276 | 2,088,841.9 | 1.86 | 1,554.11 | 40.43 | 38.44 | 15.54 |
| 60-64 Years | 1,930 | 70,896 | 2,961,402 | 499,066 | 9,358.6 | 23 | 864,519 | 1,111,939.8 | 2.23 | 1,534.41 | 36.73 | 41.77 | 24.58 |
| 65-74 Years | 7,741 | 272,415 | 12,217,094 | 1,883,173 | 38,029.3 | 146 | 1,302,728 | 2,354,849.0 | 5.94 | 1,578.23 | 35.19 | 44.85 | 38.39 |
| 75-79 Years | 3,388 | 126,478 | 5,356,943 | 821,076 | 16,583.3 | 130 | 511,793 | 801,706.5 | 6.62 | 1,581.15 | 37.33 | 42.35 | 78.39 |
| 80-84 Years | 2,311 | 87,670 | 3,610,987 | 572,053 | 11,139.4 | 129 | 344,125 | 526,089.4 | 6.72 | 1,562.52 | 37.94 | 41.19 | 115.80 |
| 85-89 Years | 1,119 | 43,810 | 1,717,377 | 274,558 | 5,279.0 | 77 | 169,366 | 246,093.4 | 6.61 | 1,534.74 | 39.15 | 39.20 | 145.86 |
| 90+ Years | 254 | 10,190 | 373,645 | 61,464 | 1,157.2 | 26 | 56,924 | 83,406.1 | 4.46 | 1,471.04 | 40.12 | 36.67 | 224.69 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,610 | 107,334 | 3,789,656 | 655,902 | 11,008.8 | 293 | 7,613,620 | 12,474,436.6 | 2.84 | 175.37 | 4.97 | 35.31 | 266.15 |
| 50-54 Years | 60,870 | 349,530 | 12,556,588 | 2,108,224 | 36,259.3 | 847 | 7,234,387 | 12,201,920.7 | 8.41 | 206.29 | 5.74 | 35.92 | 233.60 |
| 55-59 Years | 95,661 | 567,333 | 21,350,515 | 3,511,650 | 61,434.0 | 1,554 | 6,137,196 | 10,554,972.3 | 15.59 | 223.19 | 5.93 | 37.63 | 252.95 |
| 60-64 Years | 99,183 | 558,154 | 21,688,939 | 3,670,527 | 62,083.8 | 1,785 | 4,638,457 | 8,234,504.4 | 21.38 | 218.68 | 5.63 | 38.86 | 287.51 |
| 65-74 Years | 198,628 | 1,199,628 | 53,127,205 | 8,488,057 | 149,529.9 | 4,864 | 4,885,335 | 10,750,724.7 | 40.66 | 267.47 | 6.04 | 44.29 | 325.29 |
| 75-79 Years | 71,743 | 477,782 | 20,285,865 | 3,285,200 | 56,463.6 | 2,776 | 1,677,677 | 3,245,667.2 | 42.76 | 282.76 | 6.66 | 42.46 | 491.64 |
| 80-84 Years | 54,831 | 367,080 | 15,154,322 | 2,556,536 | 41,703.7 | 2,882 | 1,169,582 | 2,281,908.5 | 46.88 | 276.38 | 6.69 | 41.28 | 691.07 |
| 85-89 Years | 30,227 | 196,642 | 7,759,663 | 1,336,042 | 21,230.8 | 1,967 | 693,718 | 1,300,545.7 | 43.57 | 256.71 | 6.51 | 39.46 | 926.48 |
| 90+ Years | 11,177 | 71,408 | 2,649,578 | 490,924 | 7,196.3 | 877 | 328,719 | 662,976.0 | 34.00 | 237.06 | 6.39 | 37.10 | 1218.68 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 3,870 | 70,896 | 2,565,772 | 438,283 | 7,380.0 | 157 | 5,194,943 | 8,522,319.7 | 0.74 | 662.99 | 18.32 | 36.19 | 212.74 |
| 50-54 Years | 13,606 | 257,610 | 9,470,510 | 1,567,642 | 27,153.4 | 558 | 5,031,312 | 8,465,003.8 | 2.70 | 696.05 | 18.93 | 36.76 | 205.50 |
| 55-59 Years | 24,634 | 446,457 | 17,086,685 | 2,753,263 | 48,850.5 | 1,063 | 4,353,583 | 7,459,823.5 | 5.66 | 693.62 | 18.12 | 38.27 | 217.60 |
| 60-64 Years | 25,899 | 432,259 | 17,126,980 | 2,837,670 | 48,758.9 | 1,154 | 3,243,524 | 5,532,803.9 | 7.98 | 661.30 | 16.69 | 39.62 | 236.67 |
| 65-74 Years | 62,693 | 1,023,533 | 46,185,930 | 7,231,208 | 129,252.3 | 3,694 | 3,522,902 | 7,869,027.7 | 17.80 | 736.70 | 16.33 | 45.12 | 285.80 |
| 75-79 Years | 24,859 | 438,787 | 18,797,919 | 2,982,593 | 52,016.5 | 2,104 | 1,296,798 | 2,491,836.3 | 19.17 | 756.18 | 17.65 | 42.84 | 404.49 |
| 80-84 Years | 19,078 | 337,905 | 14,081,014 | 2,318,602 | 38,451.5 | 2,177 | 910,651 | 1,753,658.7 | 20.95 | 738.08 | 17.71 | 41.67 | 566.17 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85-89 Years | 10,156 | 183,897 | 7,278,345 | 1,197,608 | 19,690.4 | 1,388 | 524,478 | 963,178.7 | 19.36 | 716.65 | 18.11 | 39.58 | 704.91 |
| 90+ Years | 3,643 | 66,129 | 2,446,571 | 412,726 | 6,529.3 | 594 | 232,369 | 445,880.9 | 15.68 | 671.58 | 18.15 | 37.00 | 909.75 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,382 | 39,192 | 1,443,033 | 232,908 | 4,048.0 | 83 | 3,468,294 | 5,622,844.7 | 0.40 | 1,044.16 | 28.36 | 36.82 | 205.04 |
| 50-54 Years | 5,348 | 153,673 | 5,733,080 | 928,477 | 16,104.2 | 299 | 3,388,123 | 5,610,130.5 | 1.58 | 1,072.00 | 28.73 | 37.31 | 185.67 |
| 55-59 Years | 9,694 | 267,147 | 10,319,632 | 1,625,502 | 28,912.1 | 588 | 2,962,969 | 4,981,202.3 | 3.27 | 1,064.54 | 27.56 | 38.63 | 203.37 |
| 60-64 Years | 9,320 | 238,737 | 9,561,191 | 1,572,639 | 26,665.2 | 619 | 2,120,825 | 3,400,702.4 | 4.39 | 1,025.88 | 25.62 | 40.05 | 232.14 |
| 65-74 Years | 26,819 | 655,272 | 29,608,555 | 4,604,444 | 81,524.9 | 2,146 | 2,518,950 | 5,414,774.3 | 10.65 | 1,104.01 | 24.43 | 45.19 | 263.23 |
| 75-79 Years | 11,301 | 294,135 | 12,573,938 | 1,961,304 | 34,142.3 | 1,273 | 965,140 | 1,774,776.0 | 11.71 | 1,112.64 | 26.03 | 42.75 | 372.85 |
| 80-84 Years | 8,560 | 223,083 | 9,289,892 | 1,498,036 | 24,882.0 | 1,275 | 674,459 | 1,231,143.8 | 12.69 | 1,085.27 | 26.06 | 41.64 | 512.42 |
| 85-89 Years | 4,422 | 118,365 | 4,684,887 | 747,611 | 12,396.6 | 758 | 371,114 | 643,861.5 | 11.92 | 1,059.45 | 26.77 | 39.58 | 611.46 |
| 90+ Years | 1,420 | 38,993 | 1,427,078 | 225,774 | 3,685.1 | 306 | 151,781 | 268,351.1 | 9.36 | 1,004.98 | 27.46 | 36.60 | 830.37 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 577 | 21,221 | 788,686 | 132,080 | 2,179.9 | 42 | 2,323,535 | 3,673,122.5 | 0.25 | 1,366.87 | 36.78 | 37.17 | 192.67 |
| 50-54 Years | 2,246 | 85,296 | 3,189,894 | 517,336 | 8,795.4 | 168 | 2,279,458 | 3,670,342.2 | 0.99 | 1,420.26 | 37.98 | 37.40 | 191.01 |
| 55-59 Years | 4,006 | 147,001 | 5,657,950 | 879,636 | 15,617.1 | 302 | 2,007,776 | 3,269,049.6 | 2.00 | 1,412.37 | 36.70 | 38.49 | 193.38 |
| 60-64 Years | 3,452 | 115,977 | 4,732,377 | 770,838 | 12,964.0 | 291 | 1,353,913 | 2,000,657.5 | 2.55 | 1,370.91 | 33.60 | 40.80 | 224.47 |
| 65-74 Years | 12,047 | 383,020 | 17,260,077 | 2,658,905 | 46,841.2 | 1,203 | 1,780,400 | 3,641,631.1 | 6.77 | 1,432.73 | 31.79 | 45.06 | 256.83 |
| 75-79 Years | 5,237 | 177,159 | 7,521,067 | 1,155,085 | 20,133.1 | 716 | 700,721 | 1,219,632.5 | 7.47 | 1,436.14 | 33.83 | 42.45 | 355.63 |
| 80-84 Years | 3,690 | 125,527 | 5,216,180 | 827,699 | 13,772.3 | 609 | 481,813 | 826,278.6 | 7.66 | 1,413.60 | 34.02 | 41.55 | 442.19 |
| 85-89 Years | 1,811 | 63,442 | 2,512,739 | 398,321 | 6,501.7 | 356 | 251,459 | 409,333.6 | 7.20 | 1,387.49 | 35.03 | 39.61 | 547.55 |
| 90+ Years | 507 | 18,114 | 665,840 | 105,543 | 1,693.9 | 122 | 93,501 | 153,174.5 | 5.42 | 1,313.29 | 35.73 | 36.76 | 720.22 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 210 | 9,417 | 356,423 | 55,953 | 963.1 | 22 | 1,594,733 | 2,332,540.1 | 0.13 | 1,697.25 | 44.84 | 37.85 | 228.42 |
| 50-54 Years | 996 | 45,365 | 1,711,180 | 287,350 | 4,638.1 | 85 | 1,568,239 | 2,334,470.5 | 0.64 | 1,718.05 | 45.55 | 37.72 | 183.26 |
| 55-59 Years | 1,711 | 76,839 | 2,943,916 | 433,025 | 8,077.6 | 132 | 1,389,733 | 2,079,663.0 | 1.23 | 1,720.58 | 44.91 | 38.31 | 163.42 |
| 60-64 Years | 1,242 | 50,675 | 2,113,532 | 373,138 | 5,665.2 | 145 | 864,206 | 1,106,630.2 | 1.44 | 1,701.72 | 40.80 | 41.71 | 255.95 |
| 65-74 Years | 5,266 | 205,062 | 9,139,707 | 1,398,122 | 24,544.0 | 586 | 1,302,141 | 2,341,793.4 | 4.04 | 1,735.61 | 38.94 | 44.57 | 238.75 |
| 75-79 Years | 2,344 | 96,073 | 4,056,935 | 621,735 | 10,692.2 | 383 | 511,619 | 795,922.0 | 4.58 | 1,730.77 | 40.99 | 42.23 | 358.20 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80-84 Years | 1,545 | 64,631 | 2,651,552 | 423,831 | 6,919.2 | 278 | 344,025 | 521,203.3 | 4.49 | 1,716.21 | 41.83 | 41.03 | 401.78 |
| 85-89 Years | 707 | 30,218 | 1,195,742 | 194,085 | 3,042.2 | 159 | 169,255 | 243,113.3 | 4.18 | 1,691.29 | 42.74 | 39.57 | 522.65 |
| 90+ Years | 135 | 6,269 | 225,824 | 39,248 | 548.4 | 38 | 56,863 | 82,092.5 | 2.37 | 1,672.77 | 46.44 | 36.02 | 692.92 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 71 | 3,898 | 143,413 | 25,604 | 369.0 | 14 | 1,097,890 | 1,377,024.2 | 0.06 | 2,019.90 | 54.90 | 36.79 | 379.40 |
| 50-54 Years | 358 | 18,945 | 727,256 | 130,255 | 1,924.3 | 39 | 1,082,889 | 1,382,700.5 | 0.33 | 2,031.44 | 52.92 | 38.39 | 202.67 |
| 55-59 Years | 630 | 32,720 | 1,273,206 | 184,939 | 3,447.3 | 62 | 960,761 | 1,230,083.8 | 0.66 | 2,020.96 | 51.94 | 38.91 | 179.85 |
| 60-64 Years | 386 | 18,305 | 791,379 | 157,966 | 2,106.6 | 44 | 466,604 | 544,908.6 | 0.83 | 2,050.20 | 47.42 | 43.23 | 208.86 |
| 65-74 Years | 1,987 | 91,192 | 4,008,511 | 597,660 | 10,678.1 | 248 | 964,823 | 1,363,305.6 | 2.06 | 2,017.37 | 45.89 | 43.96 | 232.25 |
| 75-79 Years | 905 | 43,695 | 1,807,493 | 272,470 | 4,739.8 | 148 | 369,576 | 467,781.5 | 2.45 | 1,997.23 | 48.28 | 41.37 | 312.25 |
| 80-84 Years | 573 | 28,048 | 1,134,370 | 183,558 | 2,946.0 | 110 | 239,820 | 292,845.1 | 2.39 | 1,979.70 | 48.95 | 40.44 | 373.38 |
| 85-89 Years | 232 | 11,428 | 458,248 | 68,180 | 1,146.2 | 51 | 109,208 | 127,667.4 | 2.12 | 1,975.21 | 49.26 | 40.10 | 444.96 |
| 90+ Years | 44 | 2,348 | 85,373 | 12,130 | 216.1 | 10 | 33,304 | 39,301.0 | 1.32 | 1,940.30 | 53.36 | 36.36 | 462.75 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,610 | 107,334 | 3,789,656 | 655,902 | 17,097.5 | 468 | 7,613,620 | 12,474,436.6 | 2.84 | 175.37 | 4.97 | 35.31 | 273.72 |
| 50-54 Years | 60,870 | 349,530 | 12,556,588 | 2,108,224 | 52,872.5 | 1,256 | 7,234,387 | 12,201,920.7 | 8.41 | 206.29 | 5.74 | 35.92 | 237.55 |
| 55-59 Years | 95,661 | 567,333 | 21,350,515 | 3,511,650 | 86,850.8 | 2,276 | 6,137,196 | 10,554,972.3 | 15.59 | 223.19 | 5.93 | 37.63 | 262.06 |
| 60-64 Years | 99,183 | 558,154 | 21,688,939 | 3,670,527 | 86,737.2 | 2,535 | 4,638,457 | 8,234,504.4 | 21.38 | 218.68 | 5.63 | 38.86 | 292.26 |
| 65-74 Years | 198,628 | 1,199,628 | 53,127,205 | 8,488,057 | 201,136.3 | 6,884 | 4,885,335 | 10,750,724.7 | 40.66 | 267.47 | 6.04 | 44.29 | 342.26 |
| 75-79 Years | 71,743 | 477,782 | 20,285,865 | 3,285,200 | 75,454.2 | 3,951 | 1,677,677 | 3,245,667.2 | 42.76 | 282.76 | 6.66 | 42.46 | 523.63 |
| 80-84 Years | 54,831 | 367,080 | 15,154,322 | 2,556,536 | 55,978.5 | 4,053 | 1,169,582 | 2,281,908.5 | 46.88 | 276.38 | 6.69 | 41.28 | 724.03 |
| 85-89 Years | 30,227 | 196,642 | 7,759,663 | 1,336,042 | 28,952.7 | 2,842 | 693,718 | 1,300,545.7 | 43.57 | 256.71 | 6.51 | 39.46 | 981.60 |
| 90+ Years | 11,177 | 71,408 | 2,649,578 | 490,924 | 9,888.7 | 1,244 | 328,719 | 662,976.0 | 34.00 | 237.06 | 6.39 | 37.10 | 1258.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,757 | 45,256 | 1,667,066 | 280,566 | 5,143.2 | 104 | 3,468,294 | 5,622,379.7 | 0.51 | 948.81 | 25.76 | 36.84 | 202.21 |
| 50-54 Years | 6,591 | 173,469 | 6,474,853 | 1,048,976 | 19,890.1 | 383 | 3,387,919 | 5,608,024.6 | 1.95 | 982.38 | 26.32 | 37.33 | 192.56 |
| 55-59 Years | 12,034 | 303,141 | 11,715,020 | 1,864,780 | 35,940.5 | 756 | 2,962,299 | 4,976,651.1 | 4.06 | 973.49 | 25.19 | 38.65 | 210.35 |
| 60-64 Years | 11,634 | 272,828 | 10,936,049 | 1,829,900 | 33,276.8 | 790 | 2,119,592 | 3,395,381.6 | 5.49 | 940.01 | 23.45 | 40.08 | 237.40 |
| 65-74 Years | 32,850 | 733,716 | 33,236,660 | 5,183,411 | 99,409.9 | 2,737 | 2,518,269 | 5,402,251.3 | 13.04 | 1,011.77 | 22.34 | 45.30 | 275.32 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 75-79 Years | 13,776 | 328,078 | 14,056,759 | 2,209,615 | 41,418.9 | 1,650 | 963,881 | 1,768,991.7 | 14.29 | 1,020.38 | 23.82 | 42.85 | 398.37 |
| 80-84 Years | 10,410 | 248,722 | 10,382,908 | 1,678,534 | 30,205.4 | 1,653 | 673,374 | 1,226,659.2 | 15.46 | 997.40 | 23.89 | 41.75 | 547.25 |
| 85-89 Years | 5,404 | 132,980 | 5,267,434 | 857,861 | 15,137.4 | 996 | 370,410 | 641,371.8 | 14.59 | 974.73 | 24.61 | 39.61 | 657.97 |
| 90+ Years | 1,764 | 44,337 | 1,633,910 | 256,685 | 4,616.0 | 389 | 151,494 | 267,445.4 | 11.64 | 926.25 | 25.13 | 36.85 | 842.72 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 271 | 11,484 | 436,147 | 68,416 | 1,260.9 | 25 | 1,594,733 | 2,332,470.0 | 0.17 | 1,609.40 | 42.38 | 37.98 | 198.27 |
| 50-54 Years | 1,220 | 52,918 | 2,000,356 | 331,725 | 5,768.9 | 105 | 1,568,212 | 2,334,177.4 | 0.78 | 1,639.64 | 43.38 | 37.80 | 182.01 |
| 55-59 Years | 2,116 | 90,415 | 3,474,554 | 526,827 | 10,044.9 | 178 | 1,389,623 | 2,079,012.5 | 1.52 | 1,642.04 | 42.73 | 38.43 | 177.21 |
| 60-64 Years | 1,549 | 60,337 | 2,515,905 | 431,850 | 7,101.0 | 176 | 864,035 | 1,106,070.3 | 1.79 | 1,624.21 | 38.95 | 41.70 | 247.85 |
| 65-74 Years | 6,418 | 238,156 | 10,656,301 | 1,624,257 | 29,930.5 | 717 | 1,302,062 | 2,340,067.9 | 4.93 | 1,660.38 | 37.11 | 44.75 | 239.56 |
| 75-79 Years | 2,835 | 111,200 | 4,700,561 | 722,870 | 12,952.1 | 480 | 511,448 | 795,124.1 | 5.54 | 1,658.05 | 39.22 | 42.27 | 370.60 |
| 80-84 Years | 1,905 | 75,912 | 3,121,487 | 498,714 | 8,532.6 | 362 | 343,884 | 520,607.3 | 5.54 | 1,638.58 | 39.85 | 41.12 | 424.25 |
| 85-89 Years | 894 | 36,663 | 1,442,021 | 231,350 | 3,838.9 | 201 | 169,161 | 242,818.1 | 5.28 | 1,613.00 | 41.01 | 39.33 | 523.59 |
| 90+ Years | 188 | 7,928 | 295,285 | 50,211 | 763.0 | 56 | 56,837 | 82,023.8 | 3.31 | 1,570.66 | 42.17 | 37.25 | 733.94 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 21,610 | 107,334 | 3,789,656 | 655,902 | 20,717.6 | 543 | 7,613,620 | 12,474,436.6 | 2.84 | 175.37 | 4.97 | 35.31 | 262.10 |
| 50-54 Years | 60,870 | 349,530 | 12,556,588 | 2,108,224 | 62,736.8 | 1,464 | 7,234,387 | 12,201,920.7 | 8.41 | 206.29 | 5.74 | 35.92 | 233.36 |
| 55-59 Years | 95,661 | 567,333 | 21,350,515 | 3,511,650 | 101,726.1 | 2,626 | 6,137,196 | 10,554,972.3 | 15.59 | 223.19 | 5.93 | 37.63 | 258.14 |
| 60-64 Years | 99,183 | 558,154 | 21,688,939 | 3,670,527 | 100,488.4 | 2,936 | 4,638,457 | 8,234,504.4 | 21.38 | 218.68 | 5.63 | 38.86 | 292.17 |
| 65-74 Years | 198,628 | 1,199,628 | 53,127,205 | 8,488,057 | 231,225.4 | 7,950 | 4,885,335 | 10,750,724.7 | 40.66 | 267.47 | 6.04 | 44.29 | 343.82 |
| 75-79 Years | 71,743 | 477,782 | 20,285,865 | 3,285,200 | 86,688.9 | 4,508 | 1,677,677 | 3,245,667.2 | 42.76 | 282.76 | 6.66 | 42.46 | 520.02 |
| 80-84 Years | 54,831 | 367,080 | 15,154,322 | 2,556,536 | 64,304.5 | 4,627 | 1,169,582 | 2,281,908.5 | 46.88 | 276.38 | 6.69 | 41.28 | 719.54 |
| 85-89 Years | 30,227 | 196,642 | 7,759,663 | 1,336,042 | 33,357.8 | 3,264 | 693,718 | 1,300,545.7 | 43.57 | 256.71 | 6.51 | 39.46 | 978.48 |
| 90+ Years | 11,177 | 71,408 | 2,649,578 | 490,924 | 11,380.7 | 1,378 | 328,719 | 662,976.0 | 34.00 | 237.06 | 6.39 | 37.10 | 1210.82 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 2,127 | 49,511 | 1,816,985 | 307,192 | 6,232.2 | 124 | 3,468,294 | 5,621,932.0 | 0.61 | 854.25 | 23.28 | 36.70 | 198.97 |
| 50-54 Years | 8,013 | 189,522 | 7,049,255 | 1,155,927 | 24,032.1 | 460 | 3,387,727 | 5,605,795.1 | 2.37 | 879.73 | 23.65 | 37.19 | 191.41 |
| 55-59 Years | 14,619 | 330,288 | 12,765,954 | 2,059,872 | 43,535.1 | 911 | 2,961,581 | 4,971,730.2 | 4.94 | 873.24 | 22.59 | 38.65 | 209.26 |
| 60-64 Years | 14,175 | 298,592 | 11,978,936 | 2,009,588 | 40,363.9 | 990 | 2,118,357 | 3,390,143.8 | 6.69 | 845.07 | 21.06 | 40.12 | 245.27 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 65-74 Years | 39,139 | 791,754 | 35,857,511 | 5,603,806 | 117,857.4 | 3,332 | 2,517,611 | 5,389,950.4 | 15.55 | 916.16 | 20.23 | 45.29 | 282.71 |
| 75-79 Years | 16,227 | 351,661 | 15,075,872 | 2,388,741 | 48,637.6 | 1,969 | 962,667 | 1,763,545.7 | 16.86 | 929.06 | 21.67 | 42.87 | 404.83 |
| 80-84 Years | 12,389 | 268,426 | 11,205,984 | 1,827,205 | 35,715.0 | 2,030 | 672,342 | 1,222,237.5 | 18.43 | 904.51 | 21.67 | 41.75 | 568.39 |
| 85-89 Years | 6,486 | 144,108 | 5,716,536 | 937,286 | 18,025.7 | 1,244 | 369,665 | 638,878.2 | 17.55 | 881.37 | 22.22 | 39.67 | 690.12 |
| 90+ Years | 2,133 | 48,381 | 1,788,012 | 293,257 | 5,545.1 | 492 | 151,178 | 266,504.3 | 14.11 | 838.26 | 22.68 | 36.96 | 887.28 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 340 | 13,584 | 512,326 | 92,196 | 1,602.5 | 27 | 1,594,733 | 2,332,401.4 | 0.21 | 1,506.84 | 39.95 | 37.72 | 168.49 |
| 50-54 Years | 1,418 | 58,879 | 2,222,095 | 368,309 | 6,790.7 | 126 | 1,568,174 | 2,333,891.5 | 0.90 | 1,567.06 | 41.52 | 37.74 | 185.55 |
| 55-59 Years | 2,544 | 102,661 | 3,951,525 | 595,423 | 12,142.0 | 220 | 1,389,532 | 2,078,418.8 | 1.83 | 1,553.27 | 40.35 | 38.49 | 181.19 |
| 60-64 Years | 1,892 | 69,475 | 2,902,527 | 489,884 | 8,694.9 | 212 | 863,865 | 1,105,486.5 | 2.19 | 1,534.11 | 36.72 | 41.78 | 243.82 |
| 65-74 Years | 7,582 | 266,274 | 11,972,342 | 1,845,675 | 35,421.6 | 874 | 1,301,964 | 2,338,372.5 | 5.82 | 1,579.05 | 35.12 | 44.96 | 246.74 |
| 75-79 Years | 3,311 | 123,595 | 5,237,503 | 802,997 | 15,143.6 | 574 | 511,310 | 794,415.9 | 6.48 | 1,581.85 | 37.33 | 42.38 | 379.04 |
| 80-84 Years | 2,244 | 85,060 | 3,504,571 | 556,624 | 10,059.2 | 434 | 343,738 | 520,075.0 | 6.53 | 1,561.75 | 37.91 | 41.20 | 431.44 |
| 85-89 Years | 1,068 | 41,627 | 1,639,712 | 263,524 | 4,594.7 | 249 | 169,087 | 242,555.2 | 6.32 | 1,535.31 | 38.98 | 39.39 | 541.92 |
| 90+ Years | 240 | 9,666 | 353,912 | 58,483 | 965.2 | 74 | 56,802 | 81,948.6 | 4.23 | 1,474.63 | 40.28 | 36.61 | 766.64 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,054 | 110,067 | 3,875,164 | 668,560 | 11,482.3 | 4 | 7,616,335 | 12,515,769.3 | 2.90 | 175.71 | 4.99 | 35.21 | 3.48 |
| 50-54 Years | 61,867 | 356,410 | 12,786,459 | 2,144,735 | 37,636.4 | 11 | 7,237,282 | 12,252,164.4 | 8.55 | 206.68 | 5.76 | 35.88 | 2.92 |
| 55-59 Years | 97,185 | 578,449 | 21,742,890 | 3,574,478 | 63,782.5 | 25 | 6,139,818 | 10,607,918.5 | 15.83 | 223.73 | 5.95 | 37.59 | 3.92 |
| 60-64 Years | 100,912 | 569,380 | 22,092,066 | 3,737,216 | 64,514.6 | 32 | 4,640,608 | 8,282,093.7 | 21.75 | 218.92 | 5.64 | 38.80 | 4.96 |
| 65-74 Years | 202,753 | 1,227,913 | 54,256,170 | 8,665,198 | 156,809.9 | 95 | 4,888,504 | 10,830,245.2 | 41.48 | 267.60 | 6.06 | 44.19 | 6.06 |
| 75-79 Years | 74,025 | 493,460 | 20,883,905 | 3,375,225 | 60,369.6 | 33 | 1,678,751 | 3,281,634.1 | 44.10 | 282.12 | 6.67 | 42.32 | 5.47 |
| 80-84 Years | 57,394 | 385,903 | 15,850,229 | 2,675,579 | 45,840.5 | 31 | 1,170,654 | 2,317,971.4 | 49.03 | 276.17 | 6.72 | 41.07 | 6.76 |
| 85-89 Years | 32,211 | 210,998 | 8,271,052 | 1,430,599 | 23,972.1 | 18 | 694,805 | 1,331,117.9 | 46.36 | 256.78 | 6.55 | 39.20 | 7.51 |
| 90+ Years | 12,205 | 78,620 | 2,884,515 | 547,844 | 8,380.4 | 7 | 329,556 | 686,020.4 | 37.03 | 236.34 | 6.44 | 36.69 | 8.35 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 3,973 | 72,926 | 2,634,046 | 447,996 | 7,796.9 | 3 | 5,196,825 | 8,550,590.5 | 0.76 | 662.99 | 18.36 | 36.12 | 3.85 |
| 50-54 Years | 13,889 | 263,452 | 9,671,326 | 1,599,416 | 28,450.6 | 6 | 5,033,598 | 8,500,443.2 | 2.76 | 696.33 | 18.97 | 36.71 | 2.11 |
| 55-59 Years | 25,134 | 456,078 | 17,437,289 | 2,805,862 | 51,191.0 | 14 | 4,355,768 | 7,498,358.1 | 5.77 | 693.77 | 18.15 | 38.23 | 2.73 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 60-64 Years | 26,464 | 442,675 | 17,510,196 | 2,895,868 | 51,217.0 | 21 | 3,245,404 | 5,566,143.9 | 8.15 | 661.66 | 16.73 | 39.56 | 4.10 |
| 65-74 Years | 64,179 | 1,051,526 | 47,328,372 | 7,393,661 | 137,087.6 | 73 | 3,525,040 | 7,930,403.3 | 18.21 | 737.44 | 16.38 | 45.01 | 5.33 |
| 75-79 Years | 25,748 | 456,093 | 19,477,962 | 3,085,962 | 56,427.5 | 29 | 1,297,888 | 2,520,853.1 | 19.84 | 756.48 | 17.71 | 42.71 | 5.14 |
| 80-84 Years | 20,164 | 359,147 | 14,884,789 | 2,451,148 | 43,159.6 | 28 | 911,818 | 1,782,288.2 | 22.11 | 738.19 | 17.81 | 41.44 | 6.49 |
| 85-89 Years | 11,015 | 201,287 | 7,904,649 | 1,303,786 | 22,954.1 | 11 | 525,426 | 985,916.5 | 20.96 | 717.63 | 18.27 | 39.27 | 4.79 |
| 90+ Years | 4,026 | 73,947 | 2,714,238 | 483,675 | 7,893.7 | 5 | 233,040 | 460,816.1 | 17.28 | 674.18 | 18.37 | 36.71 | 6.33 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,419 | 40,393 | 1,482,095 | 238,472 | 4,323.1 | 2 | 3,469,555 | 5,641,514.0 | 0.41 | 1,044.46 | 28.47 | 36.69 | 4.63 |
| 50-54 Years | 5,467 | 157,226 | 5,858,004 | 946,232 | 17,006.1 | 3 | 3,389,548 | 5,633,799.7 | 1.61 | 1,071.52 | 28.76 | 37.26 | 1.76 |
| 55-59 Years | 9,894 | 272,982 | 10,535,292 | 1,657,295 | 30,532.5 | 6 | 2,964,487 | 5,007,262.1 | 3.34 | 1,064.82 | 27.59 | 38.59 | 1.97 |
| 60-64 Years | 9,544 | 244,776 | 9,789,045 | 1,605,934 | 28,302.3 | 8 | 2,122,233 | 3,421,524.1 | 4.50 | 1,025.68 | 25.65 | 39.99 | 2.83 |
| 65-74 Years | 27,574 | 675,369 | 30,430,000 | 4,719,398 | 87,402.6 | 33 | 2,520,612 | 5,457,935.5 | 10.94 | 1,103.58 | 24.49 | 45.06 | 3.78 |
| 75-79 Years | 11,738 | 306,431 | 13,062,741 | 2,035,542 | 37,528.5 | 20 | 966,175 | 1,795,766.8 | 12.15 | 1,112.86 | 26.11 | 42.63 | 5.33 |
| 80-84 Years | 9,094 | 237,704 | 9,854,443 | 1,586,012 | 28,333.6 | 18 | 675,438 | 1,251,394.9 | 13.46 | 1,083.62 | 26.14 | 41.46 | 6.35 |
| 85-89 Years | 4,816 | 129,756 | 5,105,208 | 812,598 | 14,713.5 | 6 | 371,982 | 659,093.0 | 12.95 | 1,060.05 | 26.94 | 39.34 | 4.08 |
| 90+ Years | 1,612 | 44,589 | 1,618,468 | 266,839 | 4,670.2 | 2 | 152,264 | 277,341.6 | 10.59 | 1,004.01 | 27.66 | 36.30 | 4.28 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 596 | 21,990 | 813,620 | 135,636 | 2,353.0 | 2 | 2,324,410 | 3,685,414.1 | 0.26 | 1,365.13 | 36.90 | 37.00 | 8.50 |
| 50-54 Years | 2,291 | 87,071 | 3,253,496 | 526,384 | 9,358.8 | 1 | 2,280,457 | 3,685,882.5 | 1.00 | 1,420.12 | 38.01 | 37.37 | 1.07 |
| 55-59 Years | 4,095 | 150,459 | 5,783,702 | 897,552 | 16,617.0 | 5 | 2,008,866 | 3,286,217.8 | 2.04 | 1,412.38 | 36.74 | 38.44 | 3.01 |
| 60-64 Years | 3,530 | 118,815 | 4,839,925 | 786,967 | 13,870.4 | 5 | 1,354,821 | 2,013,027.5 | 2.61 | 1,371.08 | 33.66 | 40.73 | 3.60 |
| 65-74 Years | 12,404 | 395,056 | 17,753,728 | 2,724,879 | 50,669.5 | 24 | 1,781,512 | 3,670,923.3 | 6.96 | 1,431.29 | 31.85 | 44.94 | 4.74 |
| 75-79 Years | 5,452 | 184,644 | 7,824,461 | 1,201,577 | 22,352.4 | 9 | 701,464 | 1,234,052.4 | 7.77 | 1,435.15 | 33.87 | 42.38 | 4.03 |
| 80-84 Years | 3,897 | 132,866 | 5,509,564 | 869,659 | 15,745.8 | 8 | 482,580 | 839,895.3 | 8.08 | 1,413.80 | 34.09 | 41.47 | 5.08 |
| 85-89 Years | 1,973 | 69,513 | 2,736,286 | 431,870 | 7,841.5 | 3 | 252,078 | 418,935.7 | 7.83 | 1,386.87 | 35.23 | 39.36 | 3.83 |
| 90+ Years | 577 | 20,723 | 755,661 | 118,476 | 2,173.2 | 0 | 93,873 | 158,204.8 | 6.15 | 1,309.64 | 35.92 | 36.46 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 218 | 9,818 | 368,955 | 57,740 | 1,060.3 | 0 | 1,595,356 | 2,340,348.7 | 0.14 | 1,692.45 | 45.04 | 37.58 | 0.00 |
| 50-54 Years | 1,016 | 46,310 | 1,745,207 | 292,191 | 4,986.7 | 0 | 1,568,962 | 2,344,366.7 | 0.65 | 1,717.72 | 45.58 | 37.69 | 0.00 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1 K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 55-59 Years | 1,751 | 78,668 | 3,011,972 | 442,698 | 8,591.4 | 3 | 1,390,529 | 2,090,552.2 | 1.26 | 1,720.14 | 44.93 | 38.29 | 3.49 |
| 60-64 Years | 1,269 | 51,854 | 2,160,811 | 379,890 | 6,148.4 | 3 | 864,917 | 1,113,561.6 | 1.47 | 1,702.77 | 40.86 | 41.67 | 4.88 |
| 65-74 Years | 5,399 | 210,878 | 9,363,996 | 1,425,680 | 26,602.8 | 8 | 1,303,044 | 2,360,720.2 | 4.14 | 1,734.39 | 39.06 | 44.40 | 3.01 |
| 75-79 Years | 2,435 | 99,947 | 4,211,987 | 643,717 | 11,979.1 | 6 | 512,227 | 805,289.0 | 4.75 | 1,729.77 | 41.05 | 42.14 | 5.01 |
| 80-84 Years | 1,625 | 68,131 | 2,792,453 | 444,142 | 7,950.8 | 6 | 344,574 | 529,698.8 | 4.72 | 1,718.43 | 41.93 | 40.99 | 7.55 |
| 85-89 Years | 771 | 33,161 | 1,302,025 | 209,150 | 3,720.0 | 0 | 169,751 | 248,721.4 | 4.54 | 1,688.75 | 43.01 | 39.26 | 0.00 |
| 90+ Years | 155 | 7,291 | 258,583 | 43,913 | 739.8 | 0 | 57,108 | 84,677.2 | 2.71 | 1,668.28 | 47.04 | 35.47 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 72 | 3,922 | 145,429 | 25,892 | 416.9 | 0 | 1,098,310 | 1,381,611.3 | 0.07 | 2,019.85 | 54.47 | 37.08 | 0.00 |
| 50-54 Years | 364 | 19,230 | 739,174 | 131,955 | 2,100.5 | 0 | 1,083,401 | 1,388,554.0 | 0.34 | 2,030.70 | 52.83 | 38.44 | 0.00 |
| 55-59 Years | 642 | 33,419 | 1,297,303 | 188,366 | 3,682.0 | 1 | 961,369 | 1,236,510.6 | 0.67 | 2,020.72 | 52.05 | 38.82 | 2.72 |
| 60-64 Years | 395 | 18,781 | 810,431 | 160,682 | 2,289.2 | 2 | 467,064 | 548,387.8 | 0.85 | 2,051.72 | 47.55 | 43.15 | 8.74 |
| 65-74 Years | 2,029 | 93,175 | 4,091,231 | 609,399 | 11,578.9 | 3 | 965,485 | 1,374,382.6 | 2.10 | 2,016.38 | 45.92 | 43.91 | 2.59 |
| 75-79 Years | 937 | 45,298 | 1,870,782 | 281,438 | 5,309.5 | 3 | 370,052 | 473,293.1 | 2.53 | 1,996.57 | 48.34 | 41.30 | 5.65 |
| 80-84 Years | 605 | 29,877 | 1,199,878 | 192,860 | 3,404.7 | 2 | 240,235 | 297,581.1 | 2.52 | 1,983.27 | 49.38 | 40.16 | 5.87 |
| 85-89 Years | 250 | 12,381 | 494,213 | 73,284 | 1,405.0 | 0 | 109,529 | 130,547.9 | 2.28 | 1,976.85 | 49.52 | 39.92 | 0.00 |
| 90+ Years | 48 | 2,580 | 93,272 | 13,258 | 266.2 | 0 | 33,456 | 40,478.1 | 1.43 | 1,943.17 | 53.75 | 36.15 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,054 | 110,067 | 3,875,164 | 668,560 | 17,801.4 | 7 | 7,616,335 | 12,515,769.3 | 2.90 | 175.71 | 4.99 | 35.21 | 3.93 |
| 50-54 Years | 61,867 | 356,410 | 12,786,459 | 2,144,735 | 54,839.9 | 18 | 7,237,282 | 12,252,164.4 | 8.55 | 206.68 | 5.76 | 35.88 | 3.28 |
| 55-59 Years | 97,185 | 578,449 | 21,742,890 | 3,574,478 | 90,118.0 | 44 | 6,139,818 | 10,607,918.5 | 15.83 | 223.73 | 5.95 | 37.59 | 4.88 |
| 60-64 Years | 100,912 | 569,380 | 22,092,066 | 3,737,216 | 90,178.8 | 51 | 4,640,608 | 8,282,093.7 | 21.75 | 218.92 | 5.64 | 38.80 | 5.66 |
| 65-74 Years | 202,753 | 1,227,913 | 54,256,170 | 8,665,198 | 211,104.0 | 146 | 4,888,504 | 10,830,245.2 | 41.48 | 267.60 | 6.06 | 44.19 | 6.92 |
| 75-79 Years | 74,025 | 493,460 | 20,883,905 | 3,375,225 | 80,921.9 | 46 | 1,678,751 | 3,281,634.1 | 44.10 | 282.12 | 6.67 | 42.32 | 5.68 |
| 80-84 Years | 57,394 | 385,903 | 15,850,229 | 2,675,579 | 61,770.0 | 43 | 1,170,654 | 2,317,971.4 | 49.03 | 276.17 | 6.72 | 41.07 | 6.96 |
| 85-89 Years | 32,211 | 210,998 | 8,271,052 | 1,430,599 | 32,886.9 | 23 | 694,805 | 1,331,117.9 | 46.36 | 256.78 | 6.55 | 39.20 | 6.99 |
| 90+ Years | 12,205 | 78,620 | 2,884,515 | 547,844 | 11,621.9 | 8 | 329,556 | 686,020.4 | 37.03 | 236.34 | 6.44 | 36.69 | 6.88 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 1,806 | 46,640 | 1,712,892 | 287,092 | 5,481.2 | 2 | 3,469,555 | 5,641,033.9 | 0.52 | 948.45 | 25.83 | 36.73 | 3.65 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50-54 Years | 6,727 | 177,310 | 6,609,995 | 1,068,147 | 20,993.9 | 4 | 3,389,338 | 5,631,645.1 | 1.98 | 982.61 | 26.36 | 37.28 | 1.91 |
| 55-59 Years | 12,281 | 309,764 | 11,957,809 | 1,900,536 | 37,981.7 | 14 | 2,963,809 | 5,002,584.8 | 4.14 | 973.68 | 25.22 | 38.60 | 3.69 |
| 60-64 Years | 11,910 | 279,711 | 11,194,271 | 1,867,511 | 35,304.9 | 13 | 2,120,979 | 3,416,038.8 | 5.62 | 939.91 | 23.49 | 40.02 | 3.68 |
| 65-74 Years | 33,743 | 755,850 | 34,137,941 | 5,310,032 | 106,645.9 | 58 | 2,519,908 | 5,444,951.7 | 13.39 | 1,011.70 | 22.40 | 45.16 | 5.44 |
| 75-79 Years | 14,294 | 341,679 | 14,591,781 | 2,290,992 | 45,622.8 | 30 | 964,886 | 1,789,719.9 | 14.81 | 1,020.83 | 23.90 | 42.71 | 6.58 |
| 80-84 Years | 11,043 | 264,715 | 11,005,210 | 1,775,281 | 34,495.8 | 20 | 674,311 | 1,246,616.9 | 16.38 | 996.58 | 23.97 | 41.57 | 5.80 |
| 85-89 Years | 5,864 | 145,516 | 5,727,955 | 928,561 | 17,986.0 | 10 | 371,241 | 656,399.0 | 15.80 | 976.80 | 24.82 | 39.36 | 5.56 |
| 90+ Years | 1,984 | 50,422 | 1,841,919 | 300,020 | 5,815.8 | 3 | 151,954 | 276,338.3 | 13.06 | 928.39 | 25.41 | 36.53 | 5.16 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 279 | 11,885 | 448,679 | 70,203 | 1,365.1 | 1 | 1,595,356 | 2,340,278.9 | 0.17 | 1,608.17 | 42.60 | 37.75 | 7.33 |
| 50-54 Years | 1,244 | 53,994 | 2,039,858 | 337,346 | 6,178.6 | 1 | 1,568,935 | 2,344,066.9 | 0.79 | 1,639.76 | 43.40 | 37.78 | 1.62 |
| 55-59 Years | 2,163 | 92,546 | 3,551,850 | 537,832 | 10,711.7 | 4 | 1,390,416 | 2,089,891.1 | 1.56 | 1,642.09 | 42.79 | 38.38 | 3.73 |
| 60-64 Years | 1,584 | 61,751 | 2,573,821 | 440,890 | 7,697.7 | 4 | 864,741 | 1,112,984.7 | 1.83 | 1,624.89 | 38.98 | 41.68 | 5.20 |
| 65-74 Years | 6,589 | 245,165 | 10,930,480 | 1,658,918 | 32,499.5 | 13 | 1,302,961 | 2,358,921.4 | 5.06 | 1,658.90 | 37.21 | 44.58 | 4.00 |
| 75-79 Years | 2,943 | 115,619 | 4,877,987 | 749,141 | 14,531.1 | 8 | 512,048 | 804,457.5 | 5.75 | 1,657.49 | 39.29 | 42.19 | 5.51 |
| 80-84 Years | 2,003 | 80,078 | 3,286,356 | 522,425 | 9,806.3 | 6 | 344,430 | 529,072.4 | 5.82 | 1,640.72 | 39.98 | 41.04 | 6.12 |
| 85-89 Years | 975 | 40,153 | 1,570,055 | 249,495 | 4,695.7 | 3 | 169,654 | 248,400.3 | 5.75 | 1,610.31 | 41.18 | 39.10 | 6.39 |
| 90+ Years | 211 | 9,060 | 332,031 | 55,432 | 1,003.5 | 0 | 57,081 | 84,603.5 | 3.70 | 1,573.61 | 42.94 | 36.65 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 22,054 | 110,067 | 3,875,164 | 668,560 | 21,608.6 | 10 | 7,616,335 | 12,515,769.3 | 2.90 | 175.71 | 4.99 | 35.21 | 4.63 |
| 50-54 Years | 61,867 | 356,410 | 12,786,459 | 2,144,735 | 65,177.3 | 21 | 7,237,282 | 12,252,164.4 | 8.55 | 206.68 | 5.76 | 35.88 | 3.22 |
| 55-59 Years | 97,185 | 578,449 | 21,742,890 | 3,574,478 | 105,735.0 | 55 | 6,139,818 | 10,607,918.5 | 15.83 | 223.73 | 5.95 | 37.59 | 5.20 |
| 60-64 Years | 100,912 | 569,380 | 22,092,066 | 3,737,216 | 104,680.6 | 66 | 4,640,608 | 8,282,093.7 | 21.75 | 218.92 | 5.64 | 38.80 | 6.30 |
| 65-74 Years | 202,753 | 1,227,913 | 54,256,170 | 8,665,198 | 243,311.1 | 162 | 4,888,504 | 10,830,245.2 | 41.48 | 267.60 | 6.06 | 44.19 | 6.66 |
| 75-79 Years | 74,025 | 493,460 | 20,883,905 | 3,375,225 | 93,358.6 | 49 | 1,678,751 | 3,281,634.1 | 44.10 | 282.12 | 6.67 | 42.32 | 5.25 |
| 80-84 Years | 57,394 | 385,903 | 15,850,229 | 2,675,579 | 71,360.7 | 52 | 1,170,654 | 2,317,971.4 | 49.03 | 276.17 | 6.72 | 41.07 | 7.29 |
| 85-89 Years | 32,211 | 210,998 | 8,271,052 | 1,430,599 | 38,170.7 | 26 | 694,805 | 1,331,117.9 | 46.36 | 256.78 | 6.55 | 39.20 | 6.81 |
| 90+ Years | 12,205 | 78,620 | 2,884,515 | 547,844 | 13,493.0 | 8 | 329,556 | 686,020.4 | 37.03 | 236.34 | 6.44 | 36.69 | 5.93 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 45-49 Years | 2,182 | 50,966 | 1,865,165 | 314,050 | 6,624.9 | 3 | 3,469,555 | 5,640,570.4 | 0.63 | 854.80 | 23.36 | 36.60 | 4.53 |
| 50-54 Years | 8,180 | 193,714 | 7,196,558 | 1,176,832 | 25,365.2 | 7 | 3,389,144 | 5,629,357.3 | 2.41 | 879.77 | 23.68 | 37.15 | 2.76 |
| 55-59 Years | 14,917 | 337,513 | 13,029,920 | 2,098,648 | 45,993.8 | 21 | 2,963,075 | 4,997,500.5 | 5.03 | 873.49 | 22.63 | 38.61 | 4.57 |
| 60-64 Years | 14,505 | 306,028 | 12,259,184 | 2,050,327 | 42,847.1 | 25 | 2,119,718 | 3,410,644.9 | 6.84 | 845.17 | 21.10 | 40.06 | 5.83 |
| 65-74 Years | 40,156 | 815,174 | 36,809,270 | 5,737,647 | 126,463.3 | 70 | 2,519,228 | 5,432,246.7 | 15.94 | 916.66 | 20.30 | 45.16 | 5.54 |
| 75-79 Years | 16,830 | 366,165 | 15,646,596 | 2,476,678 | 53,656.5 | 36 | 963,645 | 1,784,033.6 | 17.46 | 929.68 | 21.76 | 42.73 | 6.71 |
| 80-84 Years | 13,147 | 285,822 | 11,880,379 | 1,933,490 | 40,942.4 | 32 | 673,240 | 1,241,878.1 | 19.53 | 903.66 | 21.74 | 41.57 | 7.82 |
| 85-89 Years | 7,041 | 157,809 | 6,217,750 | 1,014,656 | 21,494.1 | 11 | 370,442 | 653,621.8 | 19.01 | 883.08 | 22.41 | 39.40 | 5.12 |
| 90+ Years | 2,388 | 54,867 | 2,010,800 | 342,904 | 7,009.4 | 3 | 151,607 | 275,271.3 | 15.75 | 842.04 | 22.98 | 36.65 | 4.28 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 350 | 14,041 | 527,212 | 94,319 | 1,723.9 | 1 | 1,595,356 | 2,340,208.5 | 0.22 | 1,506.32 | 40.12 | 37.55 | 5.80 |
| 50-54 Years | 1,445 | 60,071 | 2,264,849 | 374,394 | 7,270.6 | 1 | 1,568,896 | 2,343,777.2 | 0.92 | 1,567.37 | 41.57 | 37.70 | 1.38 |
| 55-59 Years | 2,595 | 104,931 | 4,033,495 | 607,092 | 12,931.2 | 5 | 1,390,323 | 2,089,285.0 | 1.87 | 1,554.33 | 40.44 | 38.44 | 3.87 |
| 60-64 Years | 1,932 | 71,038 | 2,966,099 | 499,740 | 9,408.2 | 4 | 864,568 | 1,112,388.6 | 2.23 | 1,535.25 | 36.77 | 41.75 | 4.25 |
| 65-74 Years | 7,792 | 274,428 | 12,290,869 | 1,886,656 | 38,535.3 | 17 | 1,302,863 | 2,357,146.4 | 5.98 | 1,577.37 | 35.22 | 44.79 | 4.41 |
| 75-79 Years | 3,440 | 128,551 | 5,438,329 | 832,597 | 17,059.8 | 9 | 511,906 | 803,716.3 | 6.72 | 1,580.91 | 37.37 | 42.30 | 5.28 |
| 80-84 Years | 2,362 | 89,729 | 3,692,135 | 583,552 | 11,603.1 | 7 | 344,277 | 528,507.6 | 6.86 | 1,563.14 | 37.99 | 41.15 | 6.03 |
| 85-89 Years | 1,159 | 45,444 | 1,779,038 | 284,222 | 5,595.4 | 4 | 169,575 | 248,121.6 | 6.83 | 1,534.98 | 39.21 | 39.15 | 7.15 |
| 90+ Years | 271 | 10,997 | 399,612 | 65,149 | 1,289.2 | 0 | 57,044 | 84,514.3 | 4.75 | 1,474.58 | 40.58 | 36.34 | 0.00 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 11,396 | 55,425 | 1,986,206 | 239,893 | 5,899.2 | 5 | 7,616,256 | 12,529,266.7 | 1.50 | 174.29 | 4.86 | 35.84 | 8.48 |
| 50-54 Years | 31,828 | 174,044 | 6,409,597 | 735,912 | 18,896.9 | 24 | 7,242,990 | 12,304,420.0 | 4.39 | 201.38 | 5.47 | 36.83 | 12.70 |
| 55-59 Years | 47,254 | 271,201 | 10,398,302 | 1,193,725 | 30,546.0 | 38 | 6,157,062 | 10,714,840.0 | 7.67 | 220.05 | 5.74 | 38.34 | 12.44 |
| 60-64 Years | 44,759 | 245,472 | 9,656,496 | 1,111,277 | 28,249.0 | 51 | 4,668,284 | 8,425,506.6 | 9.59 | 215.74 | 5.48 | 39.34 | 18.05 |
| 65-74 Years | 56,626 | 284,351 | 11,697,946 | 1,465,443 | 34,084.1 | 87 | 4,910,246 | 11,177,331.7 | 11.53 | 206.58 | 5.02 | 41.14 | 25.53 |
| 75-79 Years | 20,493 | 108,142 | 4,333,925 | 551,821 | 12,614.3 | 70 | 1,712,577 | 3,435,125.4 | 11.97 | 211.48 | 5.28 | 40.08 | 55.49 |
| 80-84 Years | 15,910 | 87,315 | 3,381,719 | 439,139 | 9,844.9 | 91 | 1,200,114 | 2,443,785.5 | 13.26 | 212.55 | 5.49 | 38.73 | 92.43 |
| 85-89 Years | 9,084 | 50,411 | 1,857,816 | 251,376 | 5,420.1 | 85 | 716,751 | 1,407,935.4 | 12.67 | 204.52 | 5.55 | 36.85 | 156.82 |
| 90+ Years | 3,633 | 20,656 | 710,215 | 97,474 | 2,074.8 | 36 | 340,148 | 719,434.3 | 10.68 | 195.49 | 5.69 | 34.38 | 173.51 |
| Risedronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 717 | 19,707 | 738,626 | 82,990 | 2,155.8 | 2 | 3,469,527 | 5,642,250.8 | 0.21 | 1,030.16 | 27.49 | 37.48 | 9.28 |
| 50-54 Years | 2,679 | 73,190 | 2,811,814 | 306,483 | 8,179.5 | 5 | 3,389,927 | 5,637,989.7 | 0.79 | 1,049.58 | 27.32 | 38.42 | 6.11 |
| 55-59 Years | 4,765 | 126,152 | 5,015,084 | 557,022 | 14,558.5 | 16 | 2,965,990 | 5,017,189.6 | 1.61 | 1,052.48 | 26.47 | 39.75 | 10.99 |
| 60-64 Years | 4,223 | 104,241 | 4,224,824 | 484,751 | 12,229.2 | 16 | 2,124,758 | 3,432,849.2 | 1.99 | 1,000.43 | 24.68 | 40.53 | 13.08 |
| 65-74 Years | 4,752 | 114,077 | 4,871,616 | 607,397 | 14,077.4 | 21 | 2,522,259 | 5,502,499.3 | 1.88 | 1,025.17 | 24.01 | 42.70 | 14.92 |
| 75-79 Years | 1,823 | 45,375 | 1,890,588 | 242,394 | 5,451.2 | 15 | 971,022 | 1,817,885.2 | 1.88 | 1,037.08 | 24.89 | 41.67 | 27.52 |
| 80-84 Years | 1,535 | 38,541 | 1,560,111 | 194,496 | 4,498.1 | 25 | 679,890 | 1,268,780.4 | 2.26 | 1,016.36 | 25.11 | 40.48 | 55.58 |
| 85-89 Years | 819 | 21,648 | 817,699 | 109,330 | 2,350.9 | 21 | 374,963 | 668,418.2 | 2.18 | 998.41 | 26.43 | 37.77 | 89.33 |
| 90+ Years | 315 | 8,902 | 307,241 | 44,568 | 884.7 | 10 | 153,517 | 280,279.2 | 2.05 | 975.37 | 28.26 | 34.51 | 113.03 |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 113 | 5,294 | 193,275 | 24,001 | 555.0 | 1 | 1,595,335 | 2,340,394.5 | 0.07 | 1,710.40 | 46.85 | 36.51 | 18.02 |
| 50-54 Years | 441 | 19,476 | 748,930 | 89,471 | 2,160.6 | 2 | 1,569,016 | 2,344,951.9 | 0.28 | 1,698.25 | 44.16 | 38.45 | 9.26 |
| 55-59 Years | 805 | 34,240 | 1,382,941 | 168,992 | 3,949.6 | 4 | 1,390,797 | 2,092,042.8 | 0.58 | 1,717.94 | 42.53 | 40.39 | 10.13 |
| 60-64 Years | 480 | 19,966 | 812,499 | 100,977 | 2,314.8 | 4 | 865,270 | 1,114,576.5 | 0.55 | 1,692.71 | 41.60 | 40.69 | 17.28 |
| 65-74 Years | 655 | 25,758 | 1,127,948 | 144,600 | 3,218.7 | 6 | 1,303,213 | 2,366,387.0 | 0.50 | 1,722.06 | 39.33 | 43.79 | 18.64 |
| 75-79 Years | 281 | 12,105 | 485,134 | 63,091 | 1,385.2 | 2 | 512,845 | 807,934.9 | 0.55 | 1,726.46 | 43.08 | 40.08 | 14.44 |
| 80-84 Years | 203 | 8,419 | 341,243 | 42,820 | 978.0 | 2 | 345,163 | 531,368.6 | 0.59 | 1,681.00 | 41.47 | 40.53 | 20.45 |
| 85-89 Years | 89 | 4,022 | 151,875 | 22,350 | 433.6 | 3 | 170,060 | 249,295.9 | 0.52 | 1,706.46 | 45.19 | 37.76 | 69.19 |


| 90+ Years | Users 34 | $\begin{gathered} \text { Dispensings } \\ 1,645 \end{gathered}$ | $\begin{gathered} \text { Days Supplied } \\ 56,873 \end{gathered}$ | Amount <br> Supplied 6,871 | $\begin{gathered} \text { Years at } \\ \text { Risk } \\ 162.7 \end{gathered}$ | Episodes w/ Events 1 | Eligible <br> Members $57,219$ | Member- Years $84,682.2$ | $\begin{gathered} \text { Users / 1K } \\ \text { Eligible } \\ \text { Members } \\ 0.59 \end{gathered}$ | Days Supplied/ User $1,672.74$ | Dispensings / User 48.38 | Days Supplied/ Dispensing 34.57 | Episodes w/ <br> Events / 10K <br> Years at Risk $61.46$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 11,387 | 55,337 | 1,982,366 | 239,564 | 5,882.2 | 9 | 7,616,253 | 12,529,083.4 | 1.50 | 174.09 | 4.86 | 35.82 | 15.30 |
| 50-54 Years | 31,817 | 174,005 | 6,409,787 | 735,689 | 18,891.1 | 30 | 7,242,935 | 12,303,876.3 | 4.39 | 201.46 | 5.47 | 36.84 | 15.88 |
| 55-59 Years | 47,230 | 271,011 | 10,391,190 | 1,192,670 | 30,505.6 | 62 | 6,157,015 | 10,713,675.3 | 7.67 | 220.01 | 5.74 | 38.34 | 20.32 |
| 60-64 Years | 44,714 | 245,186 | 9,649,220 | 1,111,112 | 28,208.5 | 79 | 4,668,204 | 8,423,689.1 | 9.58 | 215.80 | 5.48 | 39.35 | 28.01 |
| 65-74 Years | 56,477 | 283,484 | 11,663,557 | 1,461,070 | 33,938.4 | 185 | 4,909,894 | 11,169,836.2 | 11.50 | 206.52 | 5.02 | 41.14 | 54.51 |
| 75-79 Years | 20,344 | 107,372 | 4,307,551 | 548,197 | 12,489.6 | 182 | 1,712,124 | 3,427,964.4 | 11.88 | 211.74 | 5.28 | 40.12 | 145.72 |
| 80-84 Years | 15,673 | 86,126 | 3,339,045 | 433,200 | 9,628.8 | 262 | 1,199,505 | 2,433,970.4 | 13.07 | 213.04 | 5.50 | 38.77 | 272.10 |
| 85-89 Years | 8,887 | 48,953 | 1,811,846 | 246,560 | 5,241.7 | 203 | 716,029 | 1,397,638.9 | 12.41 | 203.88 | 5.51 | 37.01 | 387.28 |
| 90+ Years | 3,525 | 19,859 | 687,544 | 94,594 | 1,991.5 | 101 | 339,564 | 710,690.6 | 10.38 | 195.05 | 5.63 | 34.62 | 507.16 |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 715 | 19,662 | 736,199 | 82,718 | 2,143.7 | 3 | 3,469,520 | 5,642,173.7 | 0.21 | 1,029.65 | 27.50 | 37.44 | 13.99 |
| 50-54 Years | 2,676 | 73,066 | 2,808,263 | 306,115 | 8,159.3 | 10 | 3,389,904 | 5,637,742.4 | 0.79 | 1,049.43 | 27.30 | 38.43 | 12.26 |
| 55-59 Years | 4,759 | 125,964 | 5,007,524 | 556,037 | 14,514.7 | 23 | 2,965,949 | 5,016,645.4 | 1.60 | 1,052.22 | 26.47 | 39.75 | 15.85 |
| 60-64 Years | 4,223 | 104,244 | 4,225,888 | 484,948 | 12,215.3 | 25 | 2,124,715 | 3,432,135.2 | 1.99 | 1,000.68 | 24.68 | 40.54 | 20.47 |
| 65-74 Years | 4,730 | 113,508 | 4,848,807 | 604,765 | 13,977.5 | 44 | 2,522,107 | 5,499,042.2 | 1.88 | 1,025.12 | 24.00 | 42.72 | 31.48 |
| 75-79 Years | 1,816 | 45,186 | 1,883,192 | 241,425 | 5,395.9 | 44 | 970,786 | 1,814,385.0 | 1.87 | 1,037.00 | 24.88 | 41.68 | 81.54 |
| 80-84 Years | 1,517 | 38,033 | 1,540,527 | 192,110 | 4,384.7 | 66 | 679,593 | 1,264,250.5 | 2.23 | 1,015.51 | 25.07 | 40.51 | 150.52 |
| 85-89 Years | 790 | 20,665 | 785,523 | 106,928 | 2,231.2 | 49 | 374,631 | 664,121.9 | 2.11 | 994.33 | 26.16 | 38.01 | 219.61 |
| 90+ Years | 302 | 8,497 | 295,308 | 42,532 | 841.3 | 14 | 153,333 | 277,217.4 | 1.97 | 977.84 | 28.14 | 34.75 | 166.40 |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 112 | 5,270 | 191,533 | 23,753 | 544.5 | 2 | 1,595,334 | 2,340,354.0 | 0.07 | 1,710.12 | 47.05 | 36.34 | 36.73 |
| 50-54 Years | 440 | 19,400 | 746,802 | 89,167 | 2,149.8 | 3 | 1,568,996 | 2,344,842.5 | 0.28 | 1,697.28 | 44.09 | 38.49 | 13.95 |
| 55-59 Years | 803 | 34,145 | 1,379,595 | 168,516 | 3,923.2 | 9 | 1,390,777 | 2,091,818.3 | 0.58 | 1,718.05 | 42.52 | 40.40 | 22.94 |
| 60-64 Years | 480 | 19,966 | 812,499 | 100,977 | 2,311.5 | 4 | 865,252 | 1,114,353.3 | 0.55 | 1,692.71 | 41.60 | 40.69 | 17.31 |
| 65-74 Years | 652 | 25,616 | 1,122,770 | 143,866 | 3,189.9 | 12 | 1,303,150 | 2,365,022.3 | 0.50 | 1,722.04 | 39.29 | 43.83 | 37.62 |
| 75-79 Years | 280 | 12,042 | 483,221 | 62,807 | 1,363.1 | 11 | 512,761 | 806,553.6 | 0.55 | 1,725.79 | 43.01 | 40.13 | 80.70 |
| 80-84 Years | 199 | 8,288 | 334,838 | 42,089 | 949.9 | 8 | 345,039 | 529,633.8 | 0.58 | 1,682.60 | 41.65 | 40.40 | 84.22 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85-89 Years | 84 | 3,718 | 143,779 | 23,492 | 406.6 | 4 | 169,901 | 247,808.8 | 0.49 | 1,711.65 | 44.26 | 38.67 | 98.37 |
| 90+ Years | 33 | 1,592 | 55,146 | 6,630 | 155.1 | 1 | 57,110 | 83,828.9 | 0.58 | 1,671.09 | 48.24 | 34.64 | 64.46 |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 11,241 | 54,557 | 1,957,103 | 236,024 | 5,743.1 | 123 | 7,613,620 | 12,488,017.0 | 1.48 | 174.10 | 4.85 | 35.87 | 214.17 |
| 50-54 Years | 31,449 | 172,008 | 6,335,770 | 727,547 | 18,334.9 | 406 | 7,240,044 | 12,253,608.6 | 4.34 | 201.46 | 5.47 | 36.83 | 221.44 |
| 55-59 Years | 46,724 | 267,602 | 10,270,654 | 1,179,124 | 29,652.7 | 714 | 6,154,193 | 10,660,192.9 | 7.59 | 219.82 | 5.73 | 38.38 | 240.79 |
| 60-64 Years | 44,121 | 241,540 | 9,515,389 | 1,094,601 | 27,311.9 | 742 | 4,665,763 | 8,375,638.0 | 9.46 | 215.67 | 5.47 | 39.39 | 271.68 |
| 65-74 Years | 55,668 | 278,824 | 11,485,317 | 1,437,443 | 32,714.8 | 1,125 | 4,906,920 | 11,091,927.8 | 11.34 | 206.32 | 5.01 | 41.19 | 343.88 |
| 75-79 Years | 19,945 | 105,315 | 4,230,307 | 540,453 | 11,926.2 | 619 | 1,710,885 | 3,395,770.9 | 11.66 | 212.10 | 5.28 | 40.17 | 519.03 |
| 80-84 Years | 15,261 | 83,129 | 3,237,297 | 420,028 | 9,038.5 | 704 | 1,198,303 | 2,404,277.5 | 12.74 | 212.13 | 5.45 | 38.94 | 778.89 |
| 85-89 Years | 8,550 | 46,741 | 1,736,788 | 235,025 | 4,823.6 | 530 | 714,899 | 1,375,313.8 | 11.96 | 203.13 | 5.47 | 37.16 | 1098.75 |
| 90+ Years | 3,345 | 18,968 | 657,949 | 89,800 | 1,813.5 | 257 | 338,848 | 696,087.2 | 9.87 | 196.70 | 5.67 | 34.69 | 1417.15 |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 703 | 19,285 | 723,783 | 81,773 | 2,072.1 | 34 | 3,468,294 | 5,623,770.6 | 0.20 | 1,029.56 | 27.43 | 37.53 | 164.08 |
| 50-54 Years | 2,644 | 72,204 | 2,774,854 | 302,775 | 7,777.2 | 157 | 3,388,512 | 5,614,611.8 | 0.78 | 1,049.49 | 27.31 | 38.43 | 201.87 |
| 55-59 Years | 4,693 | 123,940 | 4,936,700 | 548,492 | 13,889.7 | 275 | 2,964,475 | 4,991,439.0 | 1.58 | 1,051.93 | 26.41 | 39.83 | 197.99 |
| 60-64 Years | 4,140 | 102,133 | 4,142,756 | 474,913 | 11,587.7 | 268 | 2,123,353 | 3,412,345.5 | 1.95 | 1,000.67 | 24.67 | 40.56 | 231.28 |
| 65-74 Years | 4,627 | 110,724 | 4,742,514 | 592,195 | 13,143.0 | 361 | 2,520,680 | 5,460,213.1 | 1.84 | 1,024.97 | 23.93 | 42.83 | 274.67 |
| 75-79 Years | 1,767 | 43,921 | 1,829,735 | 235,883 | 4,973.2 | 211 | 969,893 | 1,797,445.6 | 1.82 | 1,035.50 | 24.86 | 41.66 | 424.28 |
| 80-84 Years | 1,457 | 36,376 | 1,481,103 | 184,482 | 3,985.5 | 220 | 678,828 | 1,249,240.9 | 2.15 | 1,016.54 | 24.97 | 40.72 | 552.00 |
| 85-89 Years | 750 | 19,460 | 742,331 | 99,693 | 1,974.4 | 132 | 374,009 | 653,970.4 | 2.01 | 989.77 | 25.95 | 38.15 | 668.55 |
| 90+ Years | 284 | 7,907 | 275,418 | 39,708 | 712.4 | 66 | 153,004 | 271,912.9 | 1.86 | 969.78 | 27.84 | 34.83 | 926.48 |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 112 | 5,270 | 191,533 | 23,753 | 537.5 | 7 | 1,594,733 | 2,332,661.6 | 0.07 | 1,710.12 | 47.05 | 36.34 | 130.24 |
| 50-54 Years | 436 | 19,240 | 740,004 | 88,390 | 2,015.7 | 44 | 1,568,293 | 2,335,210.9 | 0.28 | 1,697.26 | 44.13 | 38.46 | 218.29 |
| 55-59 Years | 792 | 33,729 | 1,361,267 | 165,930 | 3,707.6 | 71 | 1,390,020 | 2,081,323.1 | 0.57 | 1,718.77 | 42.59 | 40.36 | 191.50 |
| 60-64 Years | 469 | 19,470 | 794,478 | 98,778 | 2,178.5 | 41 | 864,578 | 1,107,829.0 | 0.54 | 1,693.98 | 41.51 | 40.81 | 188.20 |
| 65-74 Years | 638 | 25,024 | 1,099,338 | 141,266 | 2,922.3 | 87 | 1,302,381 | 2,348,290.0 | 0.49 | 1,723.10 | 39.22 | 43.93 | 297.71 |
| 75-79 Years | 271 | 11,611 | 467,627 | 61,013 | 1,216.6 | 51 | 512,255 | 799,113.1 | 0.53 | 1,725.56 | 42.85 | 40.27 | 419.20 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80-84 Years | 192 | 7,919 | 323,096 | 40,586 | 844.5 | 33 | 344,634 | 523,482.2 | 0.56 | 1,682.79 | 41.24 | 40.80 | 390.74 |
| 85-89 Years | 78 | 3,347 | 132,209 | 19,914 | 343.6 | 21 | 169,609 | 244,192.5 | 0.46 | 1,694.99 | 42.91 | 39.50 | 611.09 |
| 90+ Years | 29 | 1,387 | 48,070 | 5,628 | 113.6 | 12 | 56,984 | 82,351.7 | 0.51 | 1,657.59 | 47.83 | 34.66 | 1056.60 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 8,738 | 37,494 | 1,348,726 | 46,580 | 4,012.0 | 6 | 7,616,256 | 12,532,629.6 | 1.15 | 154.35 | 4.29 | 35.97 | 14.96 |
| 50-54 Years | 24,336 | 117,064 | 4,347,513 | 149,577 | 12,836.3 | 15 | 7,244,424 | 12,316,970.3 | 3.36 | 178.65 | 4.81 | 37.14 | 11.69 |
| 55-59 Years | 35,730 | 183,309 | 7,028,630 | 241,359 | 20,675.7 | 28 | 6,160,897 | 10,738,660.2 | 5.80 | 196.72 | 5.13 | 38.34 | 13.54 |
| 60-64 Years | 32,553 | 158,527 | 6,294,444 | 216,649 | 18,417.6 | 42 | 4,674,167 | 8,454,422.2 | 6.96 | 193.36 | 4.87 | 39.71 | 22.80 |
| 65-74 Years | 40,337 | 181,618 | 7,856,896 | 268,248 | 22,749.9 | 64 | 4,914,826 | 11,234,017.0 | 8.21 | 194.78 | 4.50 | 43.26 | 28.13 |
| 75-79 Years | 13,494 | 64,515 | 2,761,555 | 95,596 | 7,985.8 | 51 | 1,718,696 | 3,464,610.8 | 7.85 | 204.65 | 4.78 | 42.80 | 63.86 |
| 80-84 Years | 9,792 | 46,197 | 1,912,756 | 65,330 | 5,537.7 | 46 | 1,206,015 | 2,470,845.0 | 8.12 | 195.34 | 4.72 | 41.40 | 83.07 |
| 85-89 Years | 5,348 | 24,502 | 990,731 | 33,909 | 2,865.1 | 51 | 721,446 | 1,425,535.7 | 7.41 | 185.25 | 4.58 | 40.43 | 178.00 |
| 90+ Years | 1,912 | 8,520 | 317,316 | 10,893 | 928.2 | 15 | 342,597 | 728,812.5 | 5.58 | 165.96 | 4.46 | 37.24 | 161.60 |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 393 | 10,273 | 384,382 | 13,196 | 1,126.9 | 1 | 3,469,527 | 5,642,630.1 | 0.11 | 978.07 | 26.14 | 37.42 | 8.87 |
| 50-54 Years | 1,577 | 41,246 | 1,582,441 | 54,345 | 4,621.0 | 5 | 3,390,087 | 5,639,586.1 | 0.47 | 1,003.45 | 26.15 | 38.37 | 10.82 |
| 55-59 Years | 2,842 | 73,142 | 2,882,021 | 98,810 | 8,398.6 | 9 | 2,966,534 | 5,020,684.5 | 0.96 | 1,014.08 | 25.74 | 39.40 | 10.72 |
| 60-64 Years | 2,393 | 56,906 | 2,318,390 | 79,021 | 6,735.7 | 11 | 2,125,707 | 3,436,774.9 | 1.13 | 968.82 | 23.78 | 40.74 | 16.33 |
| 65-74 Years | 2,942 | 67,730 | 2,981,713 | 101,363 | 8,576.9 | 26 | 2,522,726 | 5,507,718.7 | 1.17 | 1,013.50 | 23.02 | 44.02 | 30.31 |
| 75-79 Years | 1,193 | 28,310 | 1,218,631 | 42,463 | 3,506.4 | 17 | 971,569 | 1,820,258.3 | 1.23 | 1,021.48 | 23.73 | 43.05 | 48.48 |
| 80-84 Years | 780 | 18,703 | 775,659 | 26,297 | 2,225.6 | 9 | 680,320 | 1,271,195.3 | 1.15 | 994.43 | 23.98 | 41.47 | 40.44 |
| 85-89 Years | 404 | 10,062 | 403,161 | 13,663 | 1,158.6 | 9 | 375,369 | 669,826.5 | 1.08 | 997.92 | 24.91 | 40.07 | 77.68 |
| 90+ Years | 128 | 3,348 | 120,759 | 4,152 | 352.8 | 2 | 153,710 | 280,937.1 | 0.83 | 943.43 | 26.16 | 36.07 | 56.70 |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 43 | 1,915 | 71,766 | 2,449 | 207.4 | 0 | 1,595,335 | 2,340,468.1 | 0.03 | 1,668.98 | 44.53 | 37.48 | 0.00 |
| 50-54 Years | 197 | 8,659 | 329,844 | 11,275 | 943.1 | 4 | 1,569,047 | 2,345,223.0 | 0.13 | 1,674.34 | 43.95 | 38.09 | 42.41 |
| 55-59 Years | 385 | 16,900 | 652,830 | 22,287 | 1,881.5 | 1 | 1,390,888 | 2,092,660.1 | 0.28 | 1,695.66 | 43.90 | 38.63 | 5.31 |
| 60-64 Years | 208 | 8,450 | 346,281 | 11,776 | 994.1 | 1 | 865,422 | 1,115,100.1 | 0.24 | 1,664.81 | 40.63 | 40.98 | 10.06 |
| 65-74 Years | 353 | 13,625 | 606,125 | 20,818 | 1,723.8 | 4 | 1,303,271 | 2,366,943.7 | 0.27 | 1,717.07 | 38.60 | 44.49 | 23.21 |
| 75-79 Years | 154 | 5,727 | 257,789 | 8,782 | 735.9 | 4 | 512,896 | 808,200.9 | 0.30 | 1,673.95 | 37.19 | 45.01 | 54.35 |
| 80-84 Years | 88 | 3,563 | 143,788 | 4,887 | 406.7 | 3 | 345,201 | 531,571.9 | 0.25 | 1,633.95 | 40.49 | 40.36 | 73.77 |
| 85-89 Years | 47 | 1,839 | 77,266 | 2,609 | 220.8 | 2 | 170,096 | 249,393.3 | 0.28 | 1,643.96 | 39.13 | 42.02 | 90.59 |


| 90+ Years | Users 8 | $\begin{gathered} \text { Dispensings } \\ 359 \end{gathered}$ | Days Supplied $12,803$ | Amount <br> Supplied 443 | $\begin{gathered} \text { Years at } \\ \text { Risk } \\ 37.2 \end{gathered}$ | Episodes w/ Events 0 | Eligible <br> Members <br> 57,224 | Member- Years $84,723.2$ | Users / 1K <br> Eligible <br> Members <br> 0.14 | Days <br> Supplied/ <br> User <br> 1,600.38 | Dispensings / User 44.88 | Days <br> Supplied/ <br> Dispensing <br> 35.66 | Episodes w/ <br> Events / 10K <br> Years at Risk <br> 0.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 8,730 | 37,460 | 1,347,299 | 46,531 | 4,007.0 | 9 | 7,616,253 | 12,532,453.2 | 1.15 | 154.33 | 4.29 | 35.97 | 22.46 |
| 50-54 Years | 24,318 | 116,966 | 4,343,403 | 149,437 | 12,819.4 | 21 | 7,244,374 | 12,316,452.2 | 3.36 | 178.61 | 4.81 | 37.13 | 16.38 |
| 55-59 Years | 35,703 | 183,244 | 7,024,914 | 241,236 | 20,663.0 | 41 | 6,160,853 | 10,737,494.4 | 5.80 | 196.76 | 5.13 | 38.34 | 19.84 |
| 60-64 Years | 32,514 | 158,286 | 6,285,849 | 216,330 | 18,371.4 | 71 | 4,674,087 | 8,452,604.1 | 6.96 | 193.33 | 4.87 | 39.71 | 38.65 |
| 65-74 Years | 40,244 | 181,126 | 7,840,054 | 267,670 | 22,662.1 | 159 | 4,914,474 | 11,226,314.4 | 8.19 | 194.81 | 4.50 | 43.29 | 70.16 |
| 75-79 Years | 13,432 | 64,148 | 2,747,379 | 95,105 | 7,915.6 | 103 | 1,718,230 | 3,457,223.2 | 7.82 | 204.54 | 4.78 | 42.83 | 130.12 |
| 80-84 Years | 9,697 | 45,689 | 1,895,157 | 64,724 | 5,451.2 | 130 | 1,205,352 | 2,460,517.9 | 8.04 | 195.44 | 4.71 | 41.48 | 238.48 |
| 85-89 Years | 5,265 | 24,218 | 980,012 | 33,513 | 2,806.8 | 103 | 720,632 | 1,414,707.3 | 7.31 | 186.14 | 4.60 | 40.47 | 366.97 |
| 90+ Years | 1,867 | 8,168 | 305,782 | 10,501 | 884.2 | 47 | 341,939 | 719,650.6 | 5.46 | 163.78 | 4.37 | 37.44 | 531.56 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 393 | 10,273 | 384,382 | 13,196 | 1,127.2 | 1 | 3,469,520 | 5,642,550.0 | 0.11 | 978.07 | 26.14 | 37.42 | 8.87 |
| 50-54 Years | 1,578 | 41,268 | 1,583,003 | 54,362 | 4,626.4 | 6 | 3,390,063 | 5,639,342.2 | 0.47 | 1,003.17 | 26.15 | 38.36 | 12.97 |
| 55-59 Years | 2,841 | 73,156 | 2,880,785 | 98,770 | 8,394.7 | 9 | 2,966,493 | 5,020,126.8 | 0.96 | 1,014.00 | 25.75 | 39.38 | 10.72 |
| 60-64 Years | 2,388 | 56,764 | 2,313,001 | 78,840 | 6,713.7 | 17 | 2,125,661 | 3,436,068.7 | 1.12 | 968.59 | 23.77 | 40.75 | 25.32 |
| 65-74 Years | 2,939 | 67,592 | 2,978,405 | 101,247 | 8,547.6 | 45 | 2,522,578 | 5,504,225.5 | 1.17 | 1,013.41 | 23.00 | 44.06 | 52.65 |
| 75-79 Years | 1,186 | 28,100 | 1,210,551 | 42,188 | 3,456.7 | 34 | 971,333 | 1,816,754.4 | 1.22 | 1,020.70 | 23.69 | 43.08 | 98.36 |
| 80-84 Years | 776 | 18,582 | 772,231 | 26,176 | 2,194.2 | 30 | 680,022 | 1,266,634.6 | 1.14 | 995.14 | 23.95 | 41.56 | 136.73 |
| 85-89 Years | 401 | 10,015 | 400,987 | 13,586 | 1,129.7 | 23 | 375,031 | 665,457.4 | 1.07 | 999.97 | 24.98 | 40.04 | 203.59 |
| 90+ Years | 119 | 3,049 | 111,803 | 3,841 | 321.6 | 6 | 153,510 | 277,831.9 | 0.78 | 939.52 | 25.62 | 36.67 | 186.57 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 43 | 1,915 | 71,766 | 2,449 | 207.4 | 0 | 1,595,334 | 2,340,425.3 | 0.03 | 1,668.98 | 44.53 | 37.48 | 0.00 |
| 50-54 Years | 197 | 8,659 | 329,844 | 11,275 | 946.4 | 5 | 1,569,026 | 2,345,111.9 | 0.13 | 1,674.34 | 43.95 | 38.09 | 52.83 |
| 55-59 Years | 384 | 16,881 | 651,222 | 22,232 | 1,879.2 | 0 | 1,390,867 | 2,092,434.1 | 0.28 | 1,695.89 | 43.96 | 38.58 | 0.00 |
| 60-64 Years | 207 | 8,399 | 344,785 | 11,725 | 989.6 | 1 | 865,403 | 1,114,873.5 | 0.24 | 1,665.63 | 40.57 | 41.05 | 10.11 |
| 65-74 Years | 351 | 13,541 | 602,739 | 20,703 | 1,712.6 | 8 | 1,303,208 | 2,365,578.3 | 0.27 | 1,717.21 | 38.58 | 44.51 | 46.71 |
| 75-79 Years | 151 | 5,611 | 253,339 | 8,632 | 712.9 | 7 | 512,811 | 806,819.2 | 0.29 | 1,677.74 | 37.16 | 45.15 | 98.20 |
| 80-84 Years | 88 | 3,563 | 143,788 | 4,887 | 403.9 | 6 | 345,076 | 529,829.7 | 0.26 | 1,633.95 | 40.49 | 40.36 | 148.55 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85-89 Years | 47 | 1,839 | 77,266 | 2,609 | 209.9 | 5 | 169,935 | 247,901.4 | 0.28 | 1,643.96 | 39.13 | 42.02 | 238.24 |
| 90+ Years | 7 | 311 | 11,407 | 395 | 33.2 | 0 | 57,114 | 83,864.7 | 0.12 | 1,629.57 | 44.43 | 36.68 | 0.00 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 8,627 | 36,892 | 1,327,987 | 45,755 | 3,905.7 | 87 | 7,613,620 | 12,491,307.1 | 1.13 | 153.93 | 4.28 | 36.00 | 222.75 |
| 50-54 Years | 24,037 | 115,621 | 4,292,538 | 147,705 | 12,454.5 | 331 | 7,241,466 | 12,265,936.7 | 3.32 | 178.58 | 4.81 | 37.13 | 265.77 |
| 55-59 Years | 35,267 | 180,795 | 6,936,756 | 238,187 | 20,033.9 | 535 | 6,157,975 | 10,683,662.3 | 5.73 | 196.69 | 5.13 | 38.37 | 267.05 |
| 60-64 Years | 32,138 | 156,273 | 6,207,498 | 213,625 | 17,815.2 | 557 | 4,671,611 | 8,403,996.0 | 6.88 | 193.15 | 4.86 | 39.72 | 312.66 |
| 65-74 Years | 39,582 | 178,134 | 7,714,743 | 263,484 | 21,846.3 | 851 | 4,911,372 | 11,147,011.8 | 8.06 | 194.91 | 4.50 | 43.31 | 389.54 |
| 75-79 Years | 13,170 | 62,996 | 2,701,072 | 93,517 | 7,541.9 | 405 | 1,716,874 | 3,424,148.4 | 7.67 | 205.09 | 4.78 | 42.88 | 537.00 |
| 80-84 Years | 9,480 | 44,618 | 1,851,604 | 63,272 | 5,144.5 | 405 | 1,204,040 | 2,429,897.0 | 7.87 | 195.32 | 4.71 | 41.50 | 787.24 |
| 85-89 Years | 5,095 | 23,486 | 948,792 | 32,470 | 2,624.9 | 265 | 719,388 | 1,391,444.9 | 7.08 | 186.22 | 4.61 | 40.40 | 1009.57 |
| 90+ Years | 1,810 | 7,925 | 295,884 | 10,162 | 819.7 | 117 | 341,112 | 704,306.5 | 5.31 | 163.47 | 4.38 | 37.34 | 1427.42 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 387 | 10,114 | 378,636 | 13,000 | 1,085.8 | 22 | 3,468,294 | 5,624,144.2 | 0.11 | 978.39 | 26.13 | 37.44 | 202.61 |
| 50-54 Years | 1,553 | 40,711 | 1,558,128 | 53,518 | 4,396.1 | 91 | 3,388,667 | 5,616,176.3 | 0.46 | 1,003.30 | 26.21 | 38.27 | 207.00 |
| 55-59 Years | 2,795 | 71,909 | 2,832,639 | 97,118 | 7,971.2 | 182 | 2,965,015 | 4,994,872.7 | 0.94 | 1,013.47 | 25.73 | 39.39 | 228.32 |
| 60-64 Years | 2,349 | 55,796 | 2,274,172 | 77,506 | 6,378.4 | 170 | 2,124,288 | 3,416,201.8 | 1.11 | 968.14 | 23.75 | 40.76 | 266.53 |
| 65-74 Years | 2,880 | 66,190 | 2,918,395 | 99,264 | 8,079.5 | 250 | 2,521,135 | 5,465,193.7 | 1.14 | 1,013.33 | 22.98 | 44.09 | 309.43 |
| 75-79 Years | 1,166 | 27,522 | 1,189,272 | 41,456 | 3,197.7 | 149 | 970,432 | 1,799,725.6 | 1.20 | 1,019.96 | 23.60 | 43.21 | 465.96 |
| 80-84 Years | 747 | 17,816 | 739,772 | 25,098 | 1,986.2 | 107 | 679,236 | 1,251,505.8 | 1.10 | 990.32 | 23.85 | 41.52 | 538.73 |
| 85-89 Years | 382 | 9,579 | 383,395 | 12,987 | 1,001.1 | 66 | 374,395 | 655,212.0 | 1.02 | 1,003.65 | 25.08 | 40.02 | 659.27 |
| 90+ Years | 114 | 2,905 | 106,263 | 3,646 | 273.3 | 26 | 153,163 | 272,467.2 | 0.74 | 932.13 | 25.48 | 36.58 | 951.42 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45-49 Years | 43 | 1,915 | 71,766 | 2,449 | 207.4 | 0 | 1,594,733 | 2,332,732.9 | 0.03 | 1,668.98 | 44.53 | 37.48 | 0.00 |
| 50-54 Years | 193 | 8,504 | 322,914 | 11,038 | 869.1 | 24 | 1,568,323 | 2,335,482.0 | 0.12 | 1,673.13 | 44.06 | 37.97 | 276.15 |
| 55-59 Years | 379 | 16,641 | 642,123 | 21,918 | 1,763.9 | 33 | 1,390,111 | 2,081,932.2 | 0.27 | 1,694.26 | 43.91 | 38.59 | 187.08 |
| 60-64 Years | 203 | 8,198 | 338,201 | 11,496 | 934.3 | 16 | 864,729 | 1,108,343.1 | 0.23 | 1,666.01 | 40.38 | 41.25 | 171.25 |
| 65-74 Years | 346 | 13,401 | 593,702 | 20,459 | 1,602.2 | 45 | 1,302,436 | 2,348,821.0 | 0.27 | 1,715.90 | 38.73 | 44.30 | 280.87 |
| 75-79 Years | 149 | 5,539 | 250,142 | 8,525 | 637.0 | 27 | 512,305 | 799,369.4 | 0.29 | 1,678.81 | 37.17 | 45.16 | 423.89 |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible Members | Member- Years | Users / 1 K <br> Eligible <br> Members |  | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80-84 Years | 85 | 3,415 | 138,165 | 4,695 | 366.9 | 16 | 344,668 | 523,671.5 | 0.25 | 1,625.47 | 40.18 | 40.46 | 436.08 |
| 85-89 Years | 46 | 1,812 | 75,812 | 2,560 | 177.9 | 16 | 169,640 | 244,274.5 | 0.27 | 1,648.09 | 39.39 | 41.84 | 899.52 |
| 90+ Years | 5 | 217 | 8,717 | 299 | 22.2 | 1 | 56,986 | 82,379.7 | 0.09 | 1,743.40 | 43.40 | 40.17 | 451.09 |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 602,648 | 3,650,093 | 147,804,956 | 24,333,389 | 429,211.2 | 1,730 | 12,568,085 | 32,054,714.6 | 47.95 | 245.26 | 6.06 | 40.49 | 40.31 |
| Male | 55,938 | 346,373 | 14,303,597 | 2,389,356 | 41,135.4 | 198 | 11,577,149 | 30,028,684.8 | 4.83 | 255.70 | 6.19 | 41.30 | 48.13 |
| Unknown | 5 | 7 | 484 | 68 | 1.3 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 177,211 | 3,077,180 | 126,933,527 | 20,431,091 | 368,913.8 | 1,147 | 9,054,643 | 23,040,087.2 | 19.57 | 716.28 | 17.36 | 41.25 | 31.09 |
| Male | 16,617 | 285,271 | 12,084,864 | 1,953,313 | 34,734.9 | 125 | 8,232,430 | 20,739,947.7 | 2.02 | 727.26 | 17.17 | 42.36 | 35.99 |
| Unknown | 2 | 15 | 1,173 | 167 | 3.3 | 0 | 227 | 735.7 | 8.81 | 586.50 | 7.50 | 78.20 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 73,831 | 1,922,605 | 79,771,306 | 12,606,643 | 229,394.4 | 630 | 6,338,481 | 15,482,959.4 | 11.65 | 1,080.46 | 26.04 | 41.49 | 27.46 |
| Male | 6,976 | 177,079 | 7,598,266 | 1,213,147 | 21,650.4 | 69 | 5,692,130 | 13,652,024.4 | 1.23 | 1,089.20 | 25.38 | 42.91 | 31.87 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 31,729 | 1,077,723 | 44,862,965 | 7,022,553 | 128,090.8 | 305 | 4,408,543 | 10,166,404.1 | 7.20 | 1,413.94 | 33.97 | 41.63 | 23.81 |
| Male | 2,943 | 98,396 | 4,213,791 | 649,156 | 11,929.4 | 34 | 3,897,659 | 8,819,294.1 | 0.76 | 1,431.80 | 33.43 | 42.82 | 28.50 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 149 | 354.9 | 0.00 | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 13,312 | 552,280 | 22,928,609 | 3,600,400 | 65,112.7 | 125 | 3,161,878 | 6,419,653.5 | 4.21 | 1,722.40 | 41.49 | 41.52 | 19.20 |
| Male | 1,277 | 51,444 | 2,203,013 | 333,872 | 6,215.0 | 17 | 2,752,636 | 5,494,092.6 | 0.46 | 1,725.15 | 40.29 | 42.82 | 27.35 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 4,863 | 236,152 | 9,772,491 | 1,531,633 | 27,621.0 | 48 | 2,305,415 | 3,721,811.3 | 2.11 | 2,009.56 | 48.56 | 41.38 | 17.38 |
| Male | 462 | 21,706 | 935,619 | 140,735 | 2,624.0 | 4 | 1,976,591 | 3,147,257.1 | 0.23 | 2,025.15 | 46.98 | 43.10 | 15.24 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 95 | 108.6 | 0.00 | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 602,648 | 3,650,093 | 147,804,956 | 24,333,389 | 591,707.6 | 2,617 | 12,568,085 | 32,054,714.6 | 47.95 | 245.26 | 6.06 | 40.49 | 44.23 |
| Male | 55,938 | 346,373 | 14,303,597 | 2,389,356 | 55,952.1 | 307 | 11,577,149 | 30,028,684.8 | 4.83 | 255.70 | 6.19 | 41.30 | 54.87 |
| Unknown | 5 | 7 | 484 | 68 | 2.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 90,854 | 2,164,144 | 89,927,818 | 14,309,687 | 282,071.8 | 917 | 6,338,481 | 15,445,575.0 | 14.33 | 989.81 | 23.82 | 41.55 | 32.51 |
| Male | 8,373 | 196,681 | 8,441,548 | 1,363,641 | 25,979.0 | 87 | 5,692,130 | 13,649,316.6 | 1.47 | 1,008.19 | 23.49 | 42.92 | 33.49 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |

# Mini-Sentinel 

|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 16,410 | 648,264 | 26,988,562 | 4,233,976 | 80,498.0 | 179 | 3,161,878 | 6,414,747.3 | 5.19 | 1,644.64 | 39.50 | 41.63 | 22.24 |
| Male | 1,518 | 59,239 | 2,521,061 | 380,449 | 7,416.3 | 20 | 2,752,636 | 5,493,754.3 | 0.55 | 1,660.78 | 39.02 | 42.56 | 26.97 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 602,648 | 3,650,093 | 147,804,956 | 24,333,389 | 687,766.8 | 3,027 | 12,568,085 | 32,054,714.6 | 47.95 | 245.26 | 6.06 | 40.49 | 44.01 |
| Male | 55,938 | 346,373 | 14,303,597 | 2,389,356 | 64,719.7 | 349 | 11,577,149 | 30,028,684.8 | 4.83 | 255.70 | 6.19 | 41.30 | 53.92 |
| Unknown | 5 | 7 | 484 | 68 | 3.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 108,938 | 2,344,023 | 97,388,740 | 15,615,663 | 337,047.8 | 1,165 | 6,338,481 | 15,408,587.0 | 17.19 | 893.98 | 21.52 | 41.55 | 34.56 |
| Male | 9,898 | 212,326 | 9,081,110 | 1,469,630 | 30,507.0 | 107 | 5,692,130 | 13,646,314.4 | 1.74 | 917.47 | 21.45 | 42.77 | 35.07 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 19,520 | 730,861 | 30,490,544 | 4,797,558 | 96,102.2 | 237 | 3,161,878 | 6,410,076.7 | 6.17 | 1,562.02 | 37.44 | 41.72 | 24.66 |
| Male | 1,744 | 65,061 | 2,778,350 | 419,875 | 8,547.9 | 24 | 2,752,636 | 5,493,446.2 | 0.63 | 1,593.09 | 37.31 | 42.70 | 28.08 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,296 | 3,662,152 | 148,242,726 | 24,404,894 | 431,341.7 | 110 | 12,568,297 | 32,067,625.4 | 48.08 | 245.31 | 6.06 | 40.48 | 2.55 |
| Male | 56,267 | 348,782 | 14,391,052 | 2,403,262 | 41,481.6 | 57 | 11,575,868 | 30,023,504.4 | 4.86 | 255.76 | 6.20 | 41.26 | 13.74 |
| Unknown | 5 | 7 | 484 | 68 | 1.3 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 177,871 | 3,089,859 | 127,405,369 | 20,503,105 | 371,222.7 | 67 | 9,054,864 | 23,050,740.6 | 19.64 | 716.28 | 17.37 | 41.23 | 1.80 |
| Male | 16,717 | 287,160 | 12,156,231 | 1,963,425 | 35,046.5 | 32 | 8,231,984 | 20,738,748.5 | 2.03 | 727.18 | 17.18 | 42.33 | 9.13 |
| Unknown | 2 | 15 | 1,173 | 167 | 3.3 | 0 | 227 | 735.7 | 8.81 | 586.50 | 7.50 | 78.20 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 74,141 | 1,930,941 | 80,093,145 | 12,656,041 | 231,025.0 | 39 | 6,338,661 | 15,490,549.6 | 11.70 | 1,080.28 | 26.04 | 41.48 | 1.69 |
| Male | 7,016 | 178,244 | 7,642,382 | 1,219,414 | 21,860.7 | 14 | 5,691,976 | 13,651,897.2 | 1.23 | 1,089.28 | 25.41 | 42.88 | 6.40 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 31,857 | 1,082,119 | 45,034,977 | 7,047,878 | 128,992.1 | 27 | 4,408,667 | 10,171,421.4 | 7.23 | 1,413.66 | 33.97 | 41.62 | 2.09 |
| Male | 2,959 | 99,025 | 4,237,461 | 652,509 | 12,051.5 | 7 | 3,897,587 | 8,819,359.8 | 0.76 | 1,432.06 | 33.47 | 42.79 | 5.81 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 149 | 354.9 | 0.00 | --- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 13,356 | 554,236 | 23,002,289 | 3,610,838 | 65,533.2 | 11 | 3,161,962 | 6,422,770.3 | 4.22 | 1,722.24 | 41.50 | 41.50 | 1.68 |
| Male | 1,285 | 51,876 | 2,217,071 | 335,867 | 6,285.2 | 3 | 2,752,589 | 5,494,173.7 | 0.47 | 1,725.35 | 40.37 | 42.74 | 4.77 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 4,875 | 236,681 | 9,796,744 | 1,535,077 | 27,802.9 | 7 | 2,305,464 | 3,723,520.8 | 2.11 | 2,009.59 | 48.55 | 41.39 | 2.52 |
| Male | 467 | 21,982 | 944,969 | 142,057 | 2,664.2 | 1 | 1,976,561 | 3,147,320.3 | 0.24 | 2,023.49 | 47.07 | 42.99 | 3.75 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 95 | 108.6 | 0.00 | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,296 | 3,662,152 | 148,242,726 | 24,404,894 | 594,889.8 | 164 | 12,568,297 | 32,067,625.4 | 48.08 | 245.31 | 6.06 | 40.48 | 2.76 |
| Male | 56,267 | 348,782 | 14,391,052 | 2,403,262 | 56,434.5 | 86 | 11,575,868 | 30,023,504.4 | 4.86 | 255.76 | 6.20 | 41.26 | 15.24 |
| Unknown | 5 | 7 | 484 | 68 | 2.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 91,231 | 2,173,582 | 90,290,316 | 14,364,826 | 284,212.6 | 55 | 6,338,661 | 15,452,963.5 | 14.39 | 989.69 | 23.83 | 41.54 | 1.94 |
| Male | 8,420 | 197,974 | 8,489,952 | 1,370,516 | 26,226.1 | 15 | 5,691,976 | 13,649,178.1 | 1.48 | 1,008.31 | 23.51 | 42.88 | 5.72 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 16,467 | 650,634 | 27,079,369 | 4,246,822 | 81,056.1 | 15 | 3,161,962 | 6,417,848.7 | 5.21 | 1,644.46 | 39.51 | 41.62 | 1.85 |
| Male | 1,526 | 59,671 | 2,535,119 | 382,444 | 7,486.5 | 5 | 2,752,589 | 5,493,835.7 | 0.55 | 1,661.28 | 39.10 | 42.48 | 6.68 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,296 | 3,662,152 | 148,242,726 | 24,404,894 | 691,725.0 | 201 | 12,568,297 | 32,067,625.4 | 48.08 | 245.31 | 6.06 | 40.48 | 2.91 |
| Male | 56,267 | 348,782 | 14,391,052 | 2,403,262 | 65,302.1 | 103 | 11,575,868 | 30,023,504.4 | 4.86 | 255.76 | 6.20 | 41.26 | 15.77 |
| Unknown | 5 | 7 | 484 | 68 | 3.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 109,394 | 2,354,324 | 97,784,140 | 15,675,544 | 339,763.3 | 67 | 6,338,661 | 15,415,771.3 | 17.26 | 893.87 | 21.52 | 41.53 | 1.97 |
| Male | 9,955 | 213,720 | 9,133,710 | 1,477,102 | 30,799.8 | 24 | 5,691,976 | 13,646,155.2 | 1.75 | 917.50 | 21.47 | 42.74 | 7.79 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 19,595 | 733,762 | 30,601,341 | 4,813,256 | 96,846.1 | 20 | 3,161,962 | 6,413,149.3 | 6.20 | 1,561.69 | 37.45 | 41.70 | 2.07 |
| Male | 1,753 | 65,494 | 2,793,670 | 422,050 | 8,629.7 | 6 | 2,752,589 | 5,493,524.0 | 0.64 | 1,593.65 | 37.36 | 42.66 | 6.95 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 600,150 | 3,631,706 | 147,149,979 | 24,215,553 | 426,181.7 | 3,812 | 12,566,962 | 32,027,372.2 | 47.76 | 245.19 | 6.05 | 40.52 | 89.45 |
| Male | 55,420 | 342,466 | 14,161,343 | 2,368,891 | 40,602.6 | 470 | 11,576,656 | 30,016,276.9 | 4.79 | 255.53 | 6.18 | 41.35 | 115.76 |
| Unknown | 5 | 7 | 484 | 68 | 1.3 | 0 | 481 | 1,013.1 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 176,188 | 3,055,925 | 126,167,899 | 20,294,781 | 365,476.6 | 2,492 | 9,054,052 | 23,019,081.5 | 19.46 | 716.10 | 17.34 | 41.29 | 68.18 |
| Male | 16,450 | 281,619 | 11,949,158 | 1,933,960 | 34,224.2 | 257 | 8,232,149 | 20,732,067.9 | 2.00 | 726.39 | 17.12 | 42.43 | 75.09 |
| Unknown | 2 | 15 | 1,173 | 167 | 3.3 | 0 | 227 | 735.7 | 8.81 | 586.50 | 7.50 | 78.20 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 73,327 | 1,907,901 | 79,232,760 | 12,518,590 | 226,930.8 | 1,345 | 6,337,935 | 15,468,586.2 | 11.57 | 1,080.54 | 26.02 | 41.53 | 59.27 |
| Male | 6,894 | 174,551 | 7,504,230 | 1,199,758 | 21,292.9 | 131 | 5,691,981 | 13,647,060.1 | 1.21 | 1,088.52 | 25.32 | 42.99 | 61.52 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 31,532 | 1,070,151 | 44,584,765 | 6,980,943 | 126,694.9 | 663 | 4,408,248 | 10,157,134.1 | 7.15 | 1,413.95 | 33.94 | 41.66 | 52.33 |
| Male | 2,896 | 96,658 | 4,148,312 | 639,810 | 11,690.6 | 62 | 3,897,523 | 8,816,289.4 | 0.74 | 1,432.43 | 33.38 | 42.92 | 53.03 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 149 | 354.9 | 0.00 | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 13,225 | 548,360 | 22,782,335 | 3,579,575 | 64,391.4 | 275 | 3,161,635 | 6,414,064.8 | 4.18 | 1,722.67 | 41.46 | 41.55 | 42.71 |
| Male | 1,256 | 50,553 | 2,167,752 | 328,845 | 6,074.0 | 34 | 2,752,546 | 5,492,389.1 | 0.46 | 1,725.92 | 40.25 | 42.88 | 55.98 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 4,839 | 234,792 | 9,724,468 | 1,524,828 | 27,359.9 | 100 | 2,305,269 | 3,718,759.7 | 2.10 | 2,009.60 | 48.52 | 41.42 | 36.55 |
| Male | 455 | 21,335 | 921,366 | 138,702 | 2,573.9 | 7 | 1,976,547 | 3,146,362.3 | 0.23 | 2,024.98 | 46.89 | 43.19 | 27.20 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 95 | 108.6 | 0.00 | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 600,150 | 3,631,706 | 147,149,979 | 24,215,553 | 587,314.3 | 5,624 | 12,566,962 | 32,027,372.2 | 47.76 | 245.19 | 6.05 | 40.52 | 95.76 |
| Male | 55,420 | 342,466 | 14,161,343 | 2,368,891 | 55,174.0 | 720 | 11,576,656 | 30,016,276.9 | 4.79 | 255.53 | 6.18 | 41.35 | 130.50 |
| Unknown | 5 | 7 | 484 | 68 | 2.8 | 0 | 481 | 1,013.1 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 90,265 | 2,147,981 | 89,338,945 | 14,213,632 | 279,015.6 | 1,897 | 6,337,935 | 15,431,427.4 | 14.24 | 989.74 | 23.80 | 41.59 | 67.99 |
| Male | 8,277 | 193,945 | 8,338,519 | 1,348,972 | 25,557.8 | 167 | 5,691,981 | 13,644,378.2 | 1.45 | 1,007.43 | 23.43 | 42.99 | 65.34 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |

Table 3A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Sex

|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 16,305 | 643,694 | 26,818,714 | 4,209,809 | 79,581.8 | 389 | 3,161,635 | 6,409,195.0 | 5.16 | 1,644.82 | 39.48 | 41.66 | 48.88 |
| Male | 1,494 | 58,261 | 2,481,712 | 374,858 | 7,255.0 | 39 | 2,752,546 | 5,492,053.8 | 0.54 | 1,661.12 | 39.00 | 42.60 | 53.76 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 600,150 | 3,631,706 | 147,149,979 | 24,215,553 | 682,390.3 | 6,512 | 12,566,962 | 32,027,372.2 | 47.76 | 245.19 | 6.05 | 40.52 | 95.43 |
| Male | 55,420 | 342,466 | 14,161,343 | 2,368,891 | 63,768.4 | 823 | 11,576,656 | 30,016,276.9 | 4.79 | 255.53 | 6.18 | 41.35 | 129.06 |
| Unknown | 5 | 7 | 484 | 68 | 3.8 | 0 | 481 | 1,013.1 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 108,257 | 2,326,795 | 96,761,450 | 15,508,258 | 333,349.6 | 2,413 | 6,337,935 | 15,394,663.0 | 17.08 | 893.81 | 21.49 | 41.59 | 72.39 |
| Male | 9,783 | 209,376 | 8,969,965 | 1,453,809 | 30,006.3 | 208 | 5,691,981 | 13,641,410.0 | 1.72 | 916.89 | 21.40 | 42.84 | 69.32 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 19,405 | 725,953 | 30,309,325 | 4,770,840 | 95,019.3 | 513 | 3,161,635 | 6,404,537.0 | 6.14 | 1,561.93 | 37.41 | 41.75 | 53.99 |
| Male | 1,716 | 63,990 | 2,734,587 | 413,648 | 8,355.9 | 45 | 2,752,546 | 5,491,750.3 | 0.62 | 1,593.58 | 37.29 | 42.73 | 53.85 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 589,796 | 3,561,137 | 144,523,659 | 23,782,806 | 408,167.9 | 16,184 | 12,560,972 | 31,812,686.3 | 46.95 | 245.04 | 6.04 | 40.58 | 396.50 |
| Male | 54,129 | 333,747 | 13,838,188 | 2,320,187 | 38,741.1 | 1,661 | 11,573,435 | 29,893,961.9 | 4.68 | 255.65 | 6.17 | 41.46 | 428.74 |
| Unknown | 5 | 7 | 484 | 68 | 1.3 | 0 | 481 | 1,007.8 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 172,402 | 2,983,764 | 123,392,737 | 19,851,742 | 345,723.3 | 11,811 | 9,049,457 | 22,854,010.7 | 19.05 | 715.73 | 17.31 | 41.35 | 341.63 |
| Male | 16,034 | 273,694 | 11,645,816 | 1,887,686 | 32,356.3 | 1,078 | 8,229,865 | 20,648,790.8 | 1.95 | 726.32 | 17.07 | 42.55 | 333.17 |
| Unknown | 2 | 15 | 1,173 | 167 | 3.3 | 0 | 227 | 731.5 | 8.81 | 586.50 | 7.50 | 78.20 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 71,564 | 1,859,187 | 77,342,809 | 12,228,358 | 212,430.7 | 6,743 | 6,334,699 | 15,354,602.1 | 11.30 | 1,080.75 | 25.98 | 41.60 | 317.42 |
| Male | 6,701 | 169,400 | 7,297,674 | 1,168,222 | 19,927.6 | 604 | 5,690,398 | 13,592,661.3 | 1.18 | 1,089.04 | 25.28 | 43.08 | 303.10 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 523.3 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 30,756 | 1,042,802 | 43,507,505 | 6,822,804 | 117,634.9 | 3,500 | 4,406,087 | 10,081,478.8 | 6.98 | 1,414.60 | 33.91 | 41.72 | 297.53 |
| Male | 2,817 | 93,955 | 4,037,305 | 622,639 | 10,863.6 | 309 | 3,896,514 | 8,781,390.6 | 0.72 | 1,433.19 | 33.35 | 42.97 | 284.44 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 149 | 352.5 | 0.00 | --- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 12,929 | 535,240 | 22,277,398 | 3,506,148 | 59,453.5 | 1,675 | 3,159,964 | 6,366,364.7 | 4.09 | 1,723.06 | 41.40 | 41.62 | 281.73 |
| Male | 1,227 | 49,309 | 2,117,413 | 320,340 | 5,636.5 | 153 | 2,751,802 | 5,470,847.6 | 0.45 | 1,725.68 | 40.19 | 42.94 | 271.44 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 216.0 | 0.00 | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 4,739 | 229,624 | 9,525,155 | 1,496,489 | 25,179.0 | 675 | 2,304,130 | 3,691,311.0 | 2.06 | 2,009.95 | 48.45 | 41.48 | 268.08 |
| Male | 447 | 20,955 | 904,094 | 136,272 | 2,394.4 | 51 | 1,975,997 | 3,134,199.8 | 0.23 | 2,022.58 | 46.88 | 43.14 | 213.00 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 95 | 106.8 | 0.00 | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 589,796 | 3,561,137 | 144,523,659 | 23,782,806 | 562,375.3 | 23,107 | 12,560,972 | 31,812,686.3 | 46.95 | 245.04 | 6.04 | 40.58 | 410.88 |
| Male | 54,129 | 333,747 | 13,838,188 | 2,320,187 | 52,590.5 | 2,402 | 11,573,435 | 29,893,961.9 | 4.68 | 255.65 | 6.17 | 41.46 | 456.74 |
| Unknown | 5 | 7 | 484 | 68 | 2.8 | 0 | 481 | 1,007.8 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 88,164 | 2,094,152 | 87,254,222 | 13,895,098 | 261,110.9 | 8,720 | 6,334,699 | 15,318,577.3 | 13.92 | 989.68 | 23.75 | 41.67 | 333.96 |
| Male | 8,055 | 188,365 | 8,115,634 | 1,315,115 | 23,925.3 | 738 | 5,690,398 | 13,590,055.7 | 1.42 | 1,007.53 | 23.38 | 43.08 | 308.46 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 523.3 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 15,938 | 628,218 | 26,220,550 | 4,121,208 | 73,475.3 | 2,114 | 3,159,964 | 6,361,633.7 | 5.04 | 1,645.16 | 39.42 | 41.74 | 287.72 |
| Male | 1,458 | 56,795 | 2,422,067 | 365,013 | 6,717.4 | 186 | 2,751,802 | 5,470,521.6 | 0.53 | 1,661.23 | 38.95 | 42.65 | 276.89 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 216.0 | 0.00 | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 589,796 | 3,561,137 | 144,523,659 | 23,782,806 | 651,972.7 | 26,585 | 12,560,972 | 31,812,686.3 | 46.95 | 245.04 | 6.04 | 40.58 | 407.76 |
| Male | 54,129 | 333,747 | 13,838,188 | 2,320,187 | 60,649.8 | 2,711 | 11,573,435 | 29,893,961.9 | 4.68 | 255.65 | 6.17 | 41.46 | 446.99 |
| Unknown | 5 | 7 | 484 | 68 | 3.8 | 0 | 481 | 1,007.8 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 105,778 | 2,268,852 | 94,519,746 | 15,164,619 | 311,842.6 | 10,662 | 6,334,699 | 15,283,011.5 | 16.70 | 893.57 | 21.45 | 41.66 | 341.90 |
| Male | 9,529 | 203,381 | 8,734,496 | 1,418,139 | 28,099.3 | 890 | 5,690,398 | 13,587,182.5 | 1.67 | 916.62 | 21.34 | 42.95 | 316.73 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 523.3 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 18,961 | 708,356 | 29,623,637 | 4,669,625 | 87,656.8 | 2,573 | 3,159,964 | 6,357,124.3 | 6.00 | 1,562.35 | 37.36 | 41.82 | 293.53 |
| Male | 1,678 | 62,465 | 2,672,876 | 403,491 | 7,757.8 | 217 | 2,751,802 | 5,470,225.1 | 0.61 | 1,592.89 | 37.23 | 42.79 | 279.72 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 216.0 | 0.00 | -- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,314 | 3,662,345 | 148,248,671 | 24,414,377 | 431,293.3 | 221 | 12,568,647 | 32,068,665.5 | 48.08 | 245.32 | 6.06 | 40.48 | 5.12 |
| Male | 56,287 | 348,848 | 14,393,295 | 2,404,989 | 41,493.6 | 35 | 11,577,456 | 30,035,256.0 | 4.86 | 255.71 | 6.20 | 41.26 | 8.44 |
| Unknown | 5 | 7 | 484 | 68 | 1.3 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 177,871 | 3,089,900 | 127,402,707 | 20,503,384 | 371,125.1 | 164 | 9,054,996 | 23,050,884.0 | 19.64 | 716.26 | 17.37 | 41.23 | 4.42 |
| Male | 16,719 | 287,216 | 12,158,987 | 1,963,823 | 35,049.7 | 26 | 8,232,578 | 20,744,193.3 | 2.03 | 727.26 | 17.18 | 42.33 | 7.42 |
| Unknown | 2 | 15 | 1,173 | 167 | 3.3 | 0 | 227 | 735.7 | 8.81 | 586.50 | 7.50 | 78.20 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 74,139 | 1,930,914 | 80,089,645 | 12,648,440 | 230,947.6 | 85 | 6,338,707 | 15,490,445.6 | 11.70 | 1,080.26 | 26.04 | 41.48 | 3.68 |
| Male | 7,018 | 178,302 | 7,644,848 | 1,219,766 | 21,862.5 | 13 | 5,692,233 | 13,654,660.1 | 1.23 | 1,089.32 | 25.41 | 42.88 | 5.95 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 31,854 | 1,082,054 | 45,030,516 | 7,040,139 | 128,932.9 | 48 | 4,408,695 | 10,171,308.6 | 7.23 | 1,413.65 | 33.97 | 41.62 | 3.72 |
| Male | 2,961 | 99,083 | 4,239,927 | 652,861 | 12,048.7 | 9 | 3,897,710 | 8,820,890.0 | 0.76 | 1,431.92 | 33.46 | 42.79 | 7.47 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 149 | 354.9 | 0.00 | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 13,354 | 554,182 | 22,998,918 | 3,603,256 | 65,504.7 | 18 | 3,161,978 | 6,422,690.3 | 4.22 | 1,722.25 | 41.50 | 41.50 | 2.75 |
| Male | 1,285 | 51,876 | 2,217,071 | 335,867 | 6,274.5 | 8 | 2,752,678 | 5,495,027.2 | 0.47 | 1,725.35 | 40.37 | 42.74 | 12.75 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 4,875 | 236,681 | 9,796,744 | 1,535,077 | 27,792.3 | 7 | 2,305,479 | 3,723,475.4 | 2.11 | 2,009.59 | 48.55 | 41.39 | 2.52 |
| Male | 467 | 21,982 | 944,969 | 142,057 | 2,660.6 | 4 | 1,976,611 | 3,147,762.6 | 0.24 | 2,023.49 | 47.07 | 42.99 | 15.03 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 95 | 108.6 | 0.00 | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,314 | 3,662,345 | 148,248,671 | 24,414,377 | 594,782.2 | 338 | 12,568,647 | 32,068,665.5 | 48.08 | 245.32 | 6.06 | 40.48 | 5.68 |
| Male | 56,287 | 348,848 | 14,393,295 | 2,404,989 | 56,457.9 | 48 | 11,577,456 | 30,035,256.0 | 4.86 | 255.71 | 6.20 | 41.26 | 8.50 |
| Unknown | 5 | 7 | 484 | 68 | 2.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 91,229 | 2,173,565 | 90,286,552 | 14,357,190 | 284,097.4 | 139 | 6,338,707 | 15,452,862.6 | 14.39 | 989.67 | 23.83 | 41.54 | 4.89 |
| Male | 8,422 | 198,032 | 8,492,418 | 1,370,868 | 26,228.5 | 15 | 5,692,233 | 13,651,939.7 | 1.48 | 1,008.36 | 23.51 | 42.88 | 5.72 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |

## Mini-Sentinel

|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 16,465 | 650,580 | 27,075,998 | 4,239,240 | 81,009.6 | 32 | 3,161,978 | 6,417,769.4 | 5.21 | 1,644.46 | 39.51 | 41.62 | 3.95 |
| Male | 1,526 | 59,671 | 2,535,119 | 382,444 | 7,479.5 | 8 | 2,752,678 | 5,494,688.9 | 0.55 | 1,661.28 | 39.10 | 42.48 | 10.70 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 604,314 | 3,662,345 | 148,248,671 | 24,414,377 | 691,560.5 | 387 | 12,568,647 | 32,068,665.5 | 48.08 | 245.32 | 6.06 | 40.48 | 5.60 |
| Male | 56,287 | 348,848 | 14,393,295 | 2,404,989 | 65,331.3 | 62 | 11,577,456 | 30,035,256.0 | 4.86 | 255.71 | 6.20 | 41.26 | 9.49 |
| Unknown | 5 | 7 | 484 | 68 | 3.8 | 0 | 481 | 1,013.4 | 10.40 | 96.80 | 1.40 | 69.14 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 109,388 | 2,354,270 | 97,778,643 | 15,667,664 | 339,586.9 | 187 | 6,338,707 | 15,415,684.6 | 17.26 | 893.87 | 21.52 | 41.53 | 5.51 |
| Male | 9,957 | 213,778 | 9,136,176 | 1,477,454 | 30,807.6 | 21 | 5,692,233 | 13,648,913.8 | 1.75 | 917.56 | 21.47 | 42.74 | 6.82 |
| Unknown | 1 | 10 | 803 | 115 | 2.2 | 0 | 190 | 526.0 | 5.26 | 803.00 | 10.00 | 80.30 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 19,592 | 733,693 | 30,596,760 | 4,805,501 | 96,788.9 | 39 | 3,161,978 | 6,413,070.3 | 6.20 | 1,561.70 | 37.45 | 41.70 | 4.03 |
| Male | 1,754 | 65,537 | 2,794,878 | 422,222 | 8,627.9 | 9 | 2,752,678 | 5,494,377.0 | 0.64 | 1,593.43 | 37.36 | 42.65 | 10.43 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |

# Mini-Sentinel 

Table 3B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Sex

|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 225,575 | 1,213,194 | 47,123,661 | 5,658,327 | 138,047.2 | 446 | 12,568,085 | 33,032,614.6 | 17.95 | 208.90 | 5.38 | 38.84 | 32.31 |
| Male | 15,406 | 83,810 | 3,307,469 | 427,605 | 9,579.1 | 41 | 11,577,149 | 30,124,005.0 | 1.33 | 214.69 | 5.44 | 39.46 | 42.80 |
| Unknown | 2 | 13 | 1,092 | 129 | 3.0 | 0 | 481 | 1,026.1 | 4.16 | 546.00 | 6.50 | 84.00 | 0.00 |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 20,252 | 516,575 | 20,771,949 | 2,444,132 | 60,187.2 | 120 | 6,338,481 | 15,604,260.0 | 3.20 | 1,025.67 | 25.51 | 40.21 | 19.94 |
| Male | 1,376 | 35,258 | 1,465,654 | 185,299 | 4,198.2 | 11 | 5,692,130 | 13,663,355.4 | 0.24 | 1,065.16 | 25.62 | 41.57 | 26.20 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 526.2 | 0.00 | --- | --- | --- | --- |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 2,856 | 121,230 | 4,888,009 | 607,774 | 13,989.4 | 23 | 3,161,878 | 6,435,904.5 | 0.90 | 1,711.49 | 42.45 | 40.32 | 16.44 |
| Male | 245 | 9,695 | 412,709 | 55,401 | 1,168.9 | 2 | 2,752,636 | 5,495,511.3 | 0.09 | 1,684.53 | 39.57 | 42.57 | 17.11 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 224,758 | 1,208,222 | 46,957,921 | 5,637,464 | 137,307.4 | 1,010 | 12,566,962 | 32,998,987.8 | 17.88 | 208.93 | 5.38 | 38.87 | 73.56 |
| Male | 15,294 | 83,098 | 3,283,093 | 425,062 | 9,467.1 | 103 | 11,576,656 | 30,110,410.8 | 1.32 | 214.67 | 5.43 | 39.51 | 108.80 |
| Unknown | 2 | 13 | 1,092 | 129 | 3.0 | 0 | 481 | 1,025.8 | 4.16 | 546.00 | 6.50 | 84.00 | 0.00 |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 20,171 | 514,136 | 20,685,319 | 2,434,198 | 59,761.1 | 247 | 6,337,935 | 15,588,931.4 | 3.18 | 1,025.50 | 25.49 | 40.23 | 41.33 |
| Male | 1,357 | 34,689 | 1,445,912 | 183,381 | 4,102.7 | 31 | 5,691,981 | 13,658,256.1 | 0.24 | 1,065.52 | 25.56 | 41.68 | 75.56 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 526.2 | 0.00 | --- | --- | --- | --- |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 2,842 | 120,528 | 4,863,785 | 606,413 | 13,854.9 | 46 | 3,161,635 | 6,430,217.7 | 0.90 | 1,711.40 | 42.41 | 40.35 | 33.20 |
| Male | 241 | 9,509 | 406,398 | 54,886 | 1,138.7 | 8 | 2,752,546 | 5,493,779.4 | 0.09 | 1,686.30 | 39.46 | 42.74 | 70.26 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 221,341 | 1,187,570 | 46,216,053 | 5,544,335 | 132,313.0 | 4,828 | 12,560,972 | 32,754,998.2 | 17.62 | 208.80 | 5.37 | 38.92 | 364.89 |
| Male | 14,961 | 81,101 | 3,209,429 | 415,581 | 9,043.2 | 392 | 11,573,435 | 29,984,814.9 | 1.29 | 214.52 | 5.42 | 39.57 | 433.47 |
| Unknown | 2 | 13 | 1,092 | 129 | 3.0 | 0 | 481 | 1,020.5 | 4.16 | 546.00 | 6.50 | 84.00 | 0.00 |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 19,744 | 502,221 | 20,239,396 | 2,380,894 | 56,279.4 | 1,589 | 6,334,699 | 15,470,966.4 | 3.12 | 1,025.09 | 25.44 | 40.30 | 282.34 |
| Male | 1,321 | 33,729 | 1,409,798 | 179,022 | 3,835.9 | 135 | 5,690,398 | 13,603,459.8 | 0.23 | 1,067.22 | 25.53 | 41.80 | 351.93 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 523.6 | 0.00 | --- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount Supplied | Years at Risk | Episodes w/ <br> Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 2,782 | 117,701 | 4,760,496 | 591,762 | 12,822.4 | 333 | 3,159,964 | 6,382,035.9 | 0.88 | 1,711.18 | 42.31 | 40.45 | 259.70 |
| Male | 235 | 9,296 | 397,126 | 53,497 | 1,057.5 | 34 | 2,751,802 | 5,472,202.1 | 0.09 | 1,689.90 | 39.56 | 42.72 | 321.50 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 216.0 | 0.00 | --- | --- | --- | --- |

Table 3C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Sex

|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 164,681 | 785,336 | 31,366,912 | 1,075,846 | 91,681.3 | 299 | 12,568,085 | 33,219,503.1 | 13.10 | 190.47 | 4.77 | 39.94 | 32.61 |
| Male | 7,559 | 36,410 | 1,491,655 | 52,295 | 4,327.0 | 19 | 11,577,149 | 30,145,968.7 | 0.65 | 197.33 | 4.82 | 40.97 | 43.91 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 481 | 1,031.6 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 12,047 | 295,282 | 12,058,862 | 411,701 | 34,952.5 | 83 | 6,338,481 | 15,623,914.7 | 1.90 | 1,000.98 | 24.51 | 40.84 | 23.75 |
| Male | 605 | 14,438 | 608,295 | 21,608 | 1,749.9 | 6 | 5,692,130 | 13,665,170.7 | 0.11 | 1,005.45 | 23.86 | 42.13 | 34.29 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 526.2 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 1,405 | 58,050 | 2,367,664 | 80,865 | 6,775.5 | 19 | 3,161,878 | 6,438,297.9 | 0.44 | 1,685.17 | 41.32 | 40.79 | 28.04 |
| Male | 78 | 2,987 | 130,828 | 4,462 | 375.0 | 0 | 2,752,636 | 5,495,768.1 | 0.03 | 1,677.28 | 38.29 | 43.80 | 0.00 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 164,259 | 783,178 | 31,288,144 | 1,073,092 | 91,285.9 | 639 | 12,566,962 | 33,184,263.2 | 13.07 | 190.48 | 4.77 | 39.95 | 70.00 |
| Male | 7,511 | 36,127 | 1,481,705 | 51,954 | 4,294.9 | 45 | 11,576,656 | 30,132,122.7 | 0.65 | 197.27 | 4.81 | 41.01 | 104.77 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 481 | 1,031.3 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 12,023 | 294,546 | 12,033,619 | 410,831 | 34,776.2 | 164 | 6,337,935 | 15,608,425.2 | 1.90 | 1,000.88 | 24.50 | 40.85 | 47.16 |
| Male | 598 | 14,253 | 601,529 | 21,375 | 1,735.6 | 7 | 5,691,981 | 13,660,040.0 | 0.11 | 1,005.90 | 23.83 | 42.20 | 40.33 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 526.2 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 1,398 | 57,789 | 2,356,966 | 80,502 | 6,724.8 | 32 | 3,161,635 | 6,432,586.5 | 0.44 | 1,685.96 | 41.34 | 40.79 | 47.59 |
| Male | 77 | 2,930 | 129,190 | 4,405 | 370.2 | 0 | 2,752,546 | 5,494,033.3 | 0.03 | 1,677.79 | 38.05 | 44.09 | 0.00 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 218.3 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 161,861 | 771,433 | 30,830,042 | 1,057,415 | 88,099.3 | 3,372 | 12,560,972 | 32,934,753.7 | 12.89 | 190.47 | 4.77 | 39.96 | 382.75 |
| Male | 7,345 | 35,307 | 1,446,832 | 50,762 | 4,087.0 | 181 | 11,573,435 | 30,005,931.0 | 0.63 | 196.98 | 4.81 | 40.98 | 442.86 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 481 | 1,026.0 | 0.00 | --- | --- | --- | --- |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 11,789 | 288,613 | 11,794,022 | 402,726 | 32,755.1 | 1,005 | 6,334,699 | 15,489,777.7 | 1.86 | 1,000.43 | 24.48 | 40.86 | 306.82 |
| Male | 584 | 13,929 | 586,650 | 20,867 | 1,614.0 | 58 | 5,690,398 | 13,605,198.0 | 0.10 | 1,004.54 | 23.85 | 42.12 | 359.35 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 190 | 523.6 | 0.00 | --- | --- | --- | --- |


|  | Users | Dispensings | Days Supplied | Amount <br> Supplied | Years at Risk | Episodes w/ Events | Eligible <br> Members | Member- Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Years at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Female | 1,375 | 56,783 | 2,316,804 | 79,185 | 6,244.8 | 167 | 3,159,964 | 6,384,336.7 | 0.44 | 1,684.95 | 41.30 | 40.80 | 267.42 |
| Male | 74 | 2,859 | 124,738 | 4,254 | 336.1 | 11 | 2,751,802 | 5,472,453.6 | 0.03 | 1,685.65 | 38.64 | 43.63 | 327.32 |
| Unknown | 0 | 0 | 0 | 0 | 0.0 | 0 | 125 | 216.0 | 0.00 | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 818 | 4,603 | 184,247 | 49,670 | 197,828 | 3 | 237,415 | 19,835 | 3.45 | 225.24 | 5.63 | 40.03 | 0.15 |
|  | 2 | 644 | 3,122 | 127,085 | 18,880 | 136,604 | 1 | 235,700 | 17,960 | 2.73 | 197.34 | 4.85 | 40.71 | 0.07 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 143,037 | 3 | 237,739 | 19,995 | 2.99 | 186.58 | 4.93 | 37.85 | 0.21 |
|  | 4 | 9,732 | 65,258 | 2,681,626 | 556,195 | 2,863,432 | 24 | 4,467,717 | 364,974 | 2.18 | 275.55 | 6.71 | 41.09 | 0.08 |
|  | 5 | 9,019 | 56,843 | 2,254,737 | 408,310 | 2,409,314 | 22 | 4,541,962 | 378,547 | 1.99 | 250.00 | 6.30 | 39.67 | 0.09 |
|  | 6 | 8,305 | 54,619 | 2,140,897 | 459,146 | 2,294,016 | 18 | 4,547,799 | 366,140 | 1.83 | 257.78 | 6.58 | 39.20 | 0.08 |
|  | 7 | 7,059 | 47,284 | 1,893,018 | 376,611 | 2,024,342 | 23 | 4,548,855 | 378,700 | 1.55 | 268.17 | 6.70 | 40.04 | 0.11 |
|  | 8 | 7,608 | 52,244 | 2,033,992 | 390,050 | 2,187,614 | 15 | 4,588,424 | 381,242 | 1.66 | 267.35 | 6.87 | 38.93 | 0.07 |
|  | 9 | 6,624 | 45,516 | 1,760,313 | 365,492 | 1,885,090 | 22 | 4,623,626 | 371,949 | 1.43 | 265.75 | 6.87 | 38.67 | 0.12 |
|  | 10 | 6,536 | 44,625 | 1,776,345 | 353,738 | 1,902,124 | 15 | 4,628,394 | 387,156 | 1.41 | 271.78 | 6.83 | 39.81 | 0.08 |
|  | 11 | 5,812 | 40,666 | 1,569,937 | 324,310 | 1,678,684 | 17 | 4,642,090 | 375,491 | 1.25 | 270.12 | 7.00 | 38.61 | 0.10 |
|  | 12 | 5,116 | 35,081 | 1,361,902 | 241,356 | 1,452,961 | 12 | 4,667,660 | 390,128 | 1.10 | 266.20 | 6.86 | 38.82 | 0.08 |
| 2007 | 1 | 5,717 | 45,158 | 1,720,456 | 367,012 | 1,838,213 | 15 | 4,444,972 | 371,582 | 1.29 | 300.94 | 7.90 | 38.10 | 0.08 |
|  | 2 | 4,904 | 38,591 | 1,480,940 | 281,575 | 1,581,413 | 12 | 4,393,241 | 335,281 | 1.12 | 301.99 | 7.87 | 38.38 | 0.08 |
|  | 3 | 4,699 | 36,461 | 1,399,951 | 281,039 | 1,494,947 | 10 | 4,398,629 | 371,415 | 1.07 | 297.93 | 7.76 | 38.40 | 0.07 |
|  | 4 | 4,741 | 35,673 | 1,373,859 | 278,243 | 1,468,545 | 5 | 4,646,747 | 379,885 | 1.02 | 289.78 | 7.52 | 38.51 | 0.03 |
|  | 5 | 4,533 | 34,344 | 1,325,714 | 254,502 | 1,416,034 | 8 | 4,712,878 | 394,094 | 0.96 | 292.46 | 7.58 | 38.60 | 0.06 |
|  | 6 | 4,116 | 30,048 | 1,167,326 | 216,250 | 1,243,616 | 7 | 4,737,359 | 381,993 | 0.87 | 283.61 | 7.30 | 38.85 | 0.06 |
|  | 7 | 4,026 | 28,551 | 1,128,027 | 232,973 | 1,200,587 | 11 | 4,704,474 | 393,298 | 0.86 | 280.19 | 7.09 | 39.51 | 0.09 |
|  | 8 | 4,322 | 31,847 | 1,229,339 | 224,311 | 1,313,755 | 8 | 6,241,611 | 402,687 | 0.69 | 284.44 | 7.37 | 38.60 | 0.06 |
|  | 9 | 7,213 | 48,853 | 1,894,182 | 318,700 | 2,023,165 | 17 | 6,286,322 | 506,249 | 1.15 | 262.61 | 6.77 | 38.77 | 0.08 |
|  | 10 | 7,757 | 53,862 | 2,004,452 | 335,973 | 2,139,105 | 25 | 6,285,972 | 526,244 | 1.23 | 258.41 | 6.94 | 37.21 | 0.12 |
|  | 11 | 7,141 | 49,191 | 1,873,786 | 351,155 | 2,001,541 | 20 | 6,306,890 | 510,151 | 1.13 | 262.40 | 6.89 | 38.09 | 0.10 |
|  | 12 | 6,243 | 47,117 | 1,772,656 | 301,729 | 1,890,781 | 16 | 6,337,676 | 529,742 | 0.99 | 283.94 | 7.55 | 37.62 | 0.08 |
| 2008 | 1 | 8,159 | 66,923 | 2,557,288 | 421,717 | 2,721,814 | 36 | 6,064,977 | 507,145 | 1.35 | 313.43 | 8.20 | 38.21 | 0.13 |
|  | 2 | 7,452 | 61,564 | 2,332,624 | 377,764 | 2,483,828 | 29 | 6,047,360 | 474,276 | 1.23 | 313.02 | 8.26 | 37.89 | 0.12 |
|  | 3 | 8,388 | 68,333 | 2,683,626 | 433,563 | 2,846,189 | 32 | 9,562,691 | 515,439 | 0.88 | 319.94 | 8.15 | 39.27 | 0.11 |
|  | 4 | 16,051 | 107,565 | 4,664,400 | 800,718 | 4,937,572 | 49 | 9,429,434 | 771,378 | 1.70 | 290.60 | 6.70 | 43.36 | 0.10 |
|  | 5 | 14,007 | 90,908 | 3,769,962 | 590,882 | 4,008,099 | 36 | 9,588,286 | 799,225 | 1.46 | 269.15 | 6.49 | 41.47 | 0.09 |
|  | 6 | 13,037 | 84,493 | 3,484,953 | 533,776 | 3,695,774 | 35 | 9,624,230 | 774,239 | 1.35 | 267.31 | 6.48 | 41.25 | 0.09 |
|  | 7 | 12,537 | 80,822 | 3,323,022 | 591,788 | 3,528,985 | 36 | 9,615,994 | 801,661 | 1.30 | 265.06 | 6.45 | 41.12 | 0.10 |
|  | 8 | 11,128 | 72,272 | 2,936,837 | 500,315 | 3,117,319 | 41 | 9,639,712 | 805,346 | 1.15 | 263.91 | 6.49 | 40.64 | 0.13 |
|  | 9 | 10,783 | 72,344 | 2,915,858 | 474,466 | 3,092,416 | 40 | 9,717,200 | 780,795 | 1.11 | 270.41 | 6.71 | 40.31 | 0.13 |
|  | 10 | 11,530 | 73,462 | 2,950,379 | 492,729 | 3,130,001 | 34 | 9,722,378 | 812,938 | 1.19 | 255.89 | 6.37 | 40.16 | 0.11 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 10,040 | 64,402 | 2,585,144 | 424,087 | 2,744,580 | 22 | 9,738,840 | 787,468 | 1.03 | 257.48 | 6.41 | 40.14 | 0.08 |
|  | 12 | 10,297 | 64,409 | 2,578,675 | 422,198 | 2,732,537 | 21 | 9,789,089 | 816,874 | 1.05 | 250.43 | 6.26 | 40.04 | 0.08 |
| 2009 | 1 | 12,038 | 101,268 | 3,996,026 | 612,762 | 4,228,035 | 42 | 9,021,987 | 754,364 | 1.33 | 331.95 | 8.41 | 39.46 | 0.10 |
|  | 2 | 11,138 | 89,610 | 3,561,100 | 542,376 | 3,772,269 | 34 | 8,881,116 | 678,359 | 1.25 | 319.73 | 8.05 | 39.74 | 0.09 |
|  | 3 | 10,602 | 77,469 | 3,105,990 | 480,003 | 3,291,012 | 35 | 8,840,471 | 747,463 | 1.20 | 292.96 | 7.31 | 40.09 | 0.11 |
|  | 4 | 11,048 | 72,778 | 3,075,856 | 488,090 | 3,254,551 | 37 | 9,462,480 | 774,541 | 1.17 | 278.41 | 6.59 | 42.26 | 0.11 |
|  | 5 | 10,000 | 66,674 | 2,721,359 | 426,903 | 2,886,269 | 22 | 9,602,575 | 801,406 | 1.04 | 272.14 | 6.67 | 40.82 | 0.08 |
|  | 6 | 10,055 | 63,749 | 2,675,182 | 405,281 | 2,825,821 | 34 | 9,641,882 | 777,531 | 1.04 | 266.05 | 6.34 | 41.96 | 0.12 |
|  | 7 | 9,816 | 62,455 | 2,540,364 | 410,982 | 2,688,581 | 31 | 9,592,613 | 802,603 | 1.02 | 258.80 | 6.36 | 40.68 | 0.12 |
|  | 8 | 9,163 | 58,289 | 2,312,864 | 355,029 | 2,448,948 | 31 | 9,597,334 | 803,362 | 0.95 | 252.41 | 6.36 | 39.68 | 0.13 |
|  | 9 | 8,709 | 54,308 | 2,188,732 | 342,262 | 2,313,667 | 23 | 9,647,957 | 777,347 | 0.90 | 251.32 | 6.24 | 40.30 | 0.10 |
|  | 10 | 8,917 | 53,165 | 2,159,797 | 345,575 | 2,283,624 | 29 | 9,621,997 | 805,868 | 0.93 | 242.21 | 5.96 | 40.62 | 0.13 |
|  | 11 | 7,949 | 47,445 | 1,858,744 | 296,607 | 1,968,219 | 23 | 9,629,808 | 780,322 | 0.83 | 233.83 | 5.97 | 39.18 | 0.12 |
|  | 12 | 8,405 | 48,807 | 1,943,927 | 306,310 | 2,051,724 | 27 | 9,666,119 | 808,174 | 0.87 | 231.28 | 5.81 | 39.83 | 0.13 |
| 2010 | 1 | 7,757 | 50,089 | 2,039,365 | 311,590 | 2,150,732 | 32 | 8,743,351 | 733,042 | 0.89 | 262.91 | 6.46 | 40.71 | 0.15 |
|  | 2 | 7,096 | 45,989 | 1,833,614 | 280,944 | 1,935,790 | 17 | 8,621,644 | 658,716 | 0.82 | 258.40 | 6.48 | 39.87 | 0.09 |
|  | 3 | 6,935 | 44,047 | 1,754,145 | 273,420 | 1,855,685 | 29 | 8,584,324 | 726,107 | 0.81 | 252.94 | 6.35 | 39.82 | 0.16 |
|  | 4 | 8,062 | 47,946 | 2,056,306 | 320,359 | 2,169,815 | 23 | 9,297,177 | 761,248 | 0.87 | 255.06 | 5.95 | 42.89 | 0.11 |
|  | 5 | 7,630 | 45,985 | 1,948,378 | 295,289 | 2,056,095 | 32 | 9,393,230 | 785,024 | 0.81 | 255.36 | 6.03 | 42.37 | 0.16 |
|  | 6 | 7,834 | 45,650 | 1,934,094 | 311,477 | 2,043,836 | 26 | 9,422,432 | 760,259 | 0.83 | 246.88 | 5.83 | 42.37 | 0.13 |
|  | 7 | 7,207 | 42,123 | 1,764,796 | 279,994 | 1,864,015 | 28 | 9,352,399 | 783,283 | 0.77 | 244.87 | 5.84 | 41.90 | 0.15 |
|  | 8 | 7,252 | 41,753 | 1,753,761 | 270,251 | 1,847,425 | 25 | 9,340,134 | 782,127 | 0.78 | 241.83 | 5.76 | 42.00 | 0.14 |
|  | 9 | 6,741 | 37,402 | 1,538,266 | 235,811 | 1,626,367 | 15 | 9,375,265 | 756,203 | 0.72 | 228.20 | 5.55 | 41.13 | 0.09 |
|  | 10 | 6,783 | 37,518 | 1,540,167 | 241,935 | 1,621,520 | 21 | 9,337,931 | 782,562 | 0.73 | 227.06 | 5.53 | 41.05 | 0.13 |
|  | 11 | 6,337 | 35,667 | 1,454,082 | 218,403 | 1,533,317 | 18 | 9,346,942 | 757,226 | 0.68 | 229.46 | 5.63 | 40.77 | 0.12 |
|  | 12 | 5,937 | 32,721 | 1,315,094 | 200,733 | 1,383,673 | 23 | 9,380,698 | 784,938 | 0.63 | 221.51 | 5.51 | 40.19 | 0.17 |
| 2011 | 1 | 6,086 | 37,819 | 1,596,426 | 242,801 | 1,679,966 | 19 | 8,475,107 | 710,231 | 0.72 | 262.31 | 6.21 | 42.21 | 0.11 |
|  | 2 | 5,655 | 35,531 | 1,443,833 | 214,027 | 1,522,337 | 23 | 8,366,879 | 639,621 | 0.68 | 255.32 | 6.28 | 40.64 | 0.15 |
|  | 3 | 6,241 | 37,456 | 1,557,384 | 230,449 | 1,638,308 | 33 | 8,365,703 | 707,666 | 0.75 | 249.54 | 6.00 | 41.58 | 0.20 |
|  | 4 | 7,651 | 42,245 | 1,833,849 | 273,874 | 1,933,806 | 17 | 9,047,202 | 740,840 | 0.85 | 239.69 | 5.52 | 43.41 | 0.09 |
|  | 5 | 7,124 | 37,382 | 1,608,808 | 247,461 | 1,694,619 | 17 | 9,142,030 | 765,642 | 0.78 | 225.83 | 5.25 | 43.04 | 0.10 |
|  | 6 | 6,613 | 34,346 | 1,488,151 | 224,759 | 1,567,929 | 22 | 9,144,913 | 740,569 | 0.72 | 225.03 | 5.19 | 43.33 | 0.14 |
|  | 7 | 5,824 | 30,867 | 1,327,614 | 198,039 | 1,398,562 | 12 | 9,066,350 | 759,178 | 0.64 | 227.96 | 5.30 | 43.01 | 0.09 |
|  | 8 | 6,262 | 32,711 | 1,392,356 | 207,008 | 1,466,842 | 15 | 9,075,148 | 759,502 | 0.69 | 222.35 | 5.22 | 42.57 | 0.10 |
|  | 9 | 5,574 | 29,009 | 1,208,769 | 178,289 | 1,272,923 | 16 | 9,133,570 | 735,583 | 0.61 | 216.86 | 5.20 | 41.67 | 0.13 |








# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 28 | 1,010 | 43,227 | 24,125 | 44,780 | 0 | 124,948 | 10,133 | 0.22 | 1,543.82 | 36.07 | 42.80 | 0.00 |
|  | 2 | 17 | 662 | 27,450 | 3,914 | 28,706 | 0 | 120,762 | 9,176 | 0.14 | 1,614.71 | 38.94 | 41.47 | 0.00 |
|  | 3 | 22 | 952 | 31,846 | 4,832 | 33,651 | 0 | 121,665 | 10,193 | 0.18 | 1,447.55 | 43.27 | 33.45 | 0.00 |
|  | 4 | 598 | 22,616 | 947,098 | 206,299 | 985,239 | 11 | 2,437,988 | 197,121 | 0.25 | 1,583.78 | 37.82 | 41.88 | 0.11 |
|  | 5 | 488 | 19,141 | 781,788 | 120,321 | 815,497 | 2 | 2,472,627 | 205,094 | 0.20 | 1,602.02 | 39.22 | 40.84 | 0.02 |
|  | 6 | 482 | 18,775 | 752,123 | 171,665 | 783,526 | 3 | 2,487,890 | 199,359 | 0.19 | 1,560.42 | 38.95 | 40.06 | 0.04 |
|  | 7 | 439 | 17,043 | 680,065 | 103,739 | 706,385 | 10 | 2,504,058 | 206,433 | 0.18 | 1,549.12 | 38.82 | 39.90 | 0.14 |
|  | 8 | 480 | 18,038 | 722,229 | 124,655 | 761,158 | 5 | 2,514,651 | 207,970 | 0.19 | 1,504.64 | 37.58 | 40.04 | 0.07 |
|  | 9 | 405 | 16,058 | 626,384 | 97,541 | 653,333 | 6 | 2,535,903 | 203,194 | 0.16 | 1,546.63 | 39.65 | 39.01 | 0.09 |
|  | 10 | 459 | 17,220 | 699,839 | 122,167 | 737,327 | 1 | 2,538,641 | 211,384 | 0.18 | 1,524.70 | 37.52 | 40.64 | 0.01 |
|  | 11 | 427 | 15,684 | 625,383 | 117,240 | 654,386 | 4 | 2,541,679 | 204,841 | 0.17 | 1,464.60 | 36.73 | 39.87 | 0.06 |
|  | 12 | 364 | 13,843 | 548,133 | 88,903 | 573,564 | 5 | 2,551,154 | 212,599 | 0.14 | 1,505.86 | 38.03 | 39.60 | 0.09 |
| 2007 | 1 | 498 | 19,396 | 748,311 | 145,998 | 787,778 | 3 | 2,557,263 | 201,881 | 0.19 | 1,502.63 | 38.95 | 38.58 | 0.04 |
|  | 2 | 413 | 15,726 | 620,287 | 91,124 | 649,507 | 3 | 2,403,454 | 182,019 | 0.17 | 1,501.91 | 38.08 | 39.44 | 0.05 |
|  | 3 | 408 | 14,984 | 603,424 | 98,876 | 634,064 | 2 | 2,402,806 | 201,398 | 0.17 | 1,478.98 | 36.73 | 40.27 | 0.03 |
|  | 4 | 393 | 14,876 | 584,746 | 113,935 | 613,638 | 2 | 2,512,091 | 203,507 | 0.16 | 1,487.90 | 37.85 | 39.31 | 0.03 |
|  | 5 | 372 | 13,771 | 558,953 | 104,691 | 583,669 | 2 | 2,535,025 | 211,207 | 0.15 | 1,502.56 | 37.02 | 40.59 | 0.03 |
|  | 6 | 345 | 12,643 | 511,901 | 74,419 | 536,464 | 1 | 2,549,244 | 204,679 | 0.14 | 1,483.77 | 36.65 | 40.49 | 0.02 |
|  | 7 | 325 | 11,339 | 488,687 | 99,553 | 509,683 | 2 | 2,553,529 | 211,485 | 0.13 | 1,503.65 | 34.89 | 43.10 | 0.04 |
|  | 8 | 384 | 13,867 | 565,504 | 83,179 | 592,742 | 3 | 3,314,163 | 216,190 | 0.12 | 1,472.67 | 36.11 | 40.78 | 0.05 |
|  | 9 | 514 | 18,730 | 770,495 | 116,447 | 805,610 | 6 | 3,339,779 | 268,193 | 0.15 | 1,499.02 | 36.44 | 41.14 | 0.07 |
|  | 10 | 536 | 20,262 | 790,824 | 118,017 | 825,303 | 5 | 3,340,053 | 278,024 | 0.16 | 1,475.42 | 37.80 | 39.03 | 0.06 |
|  | 11 | 536 | 19,734 | 788,827 | 131,660 | 822,223 | 4 | 3,341,435 | 269,403 | 0.16 | 1,471.69 | 36.82 | 39.97 | 0.05 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 564 | 21,573 | 840,829 | 122,906 | 875,793 | 6 | 3,352,730 | 279,594 | 0.17 | 1,490.83 | 38.25 | 38.98 | 0.07 |
| 2008 | 1 | 773 | 27,952 | 1,152,662 | 169,129 | 1,202,823 | 11 | 3,359,974 | 264,065 | 0.23 | 1,491.15 | 36.16 | 41.24 | 0.09 |
|  | 2 | 699 | 26,551 | 1,059,953 | 154,185 | 1,107,755 | 7 | 3,159,620 | 246,436 | 0.22 | 1,516.38 | 37.98 | 39.92 | 0.06 |
|  | 3 | 787 | 28,557 | 1,171,954 | 172,660 | 1,219,041 | 8 | 4,469,567 | 266,936 | 0.18 | 1,489.14 | 36.29 | 41.04 | 0.07 |
|  | 4 | 1,062 | 35,891 | 1,582,285 | 260,259 | 1,643,870 | 14 | 4,436,612 | 363,467 | 0.24 | 1,489.91 | 33.80 | 44.09 | 0.09 |
|  | 5 | 872 | 30,556 | 1,296,037 | 193,437 | 1,349,694 | 6 | 4,504,415 | 377,415 | 0.19 | 1,486.28 | 35.04 | 42.42 | 0.04 |
|  | 6 | 788 | 28,054 | 1,170,884 | 171,941 | 1,215,072 | 10 | 4,533,596 | 366,764 | 0.17 | 1,485.89 | 35.60 | 41.74 | 0.08 |
|  | 7 | 754 | 25,733 | 1,105,418 | 164,331 | 1,148,536 | 10 | 4,526,965 | 378,847 | 0.17 | 1,466.07 | 34.13 | 42.96 | 0.09 |
|  | 8 | 719 | 24,660 | 1,035,939 | 152,418 | 1,078,710 | 10 | 4,539,478 | 381,167 | 0.16 | 1,440.81 | 34.30 | 42.01 | 0.09 |
|  | 9 | 743 | 26,420 | 1,093,538 | 166,027 | 1,138,597 | 8 | 4,568,689 | 369,599 | 0.16 | 1,471.79 | 35.56 | 41.39 | 0.07 |
|  | 10 | 743 | 25,723 | 1,081,837 | 161,297 | 1,127,753 | 7 | 4,572,109 | 384,144 | 0.16 | 1,456.04 | 34.62 | 42.06 | 0.06 |
|  | 11 | 654 | 22,080 | 951,538 | 143,026 | 991,355 | 2 | 4,586,515 | 372,662 | 0.14 | 1,454.95 | 33.76 | 43.10 | 0.02 |
|  | 12 | 671 | 22,517 | 963,298 | 142,954 | 1,002,167 | 3 | 4,606,970 | 386,598 | 0.15 | 1,435.62 | 33.56 | 42.78 | 0.03 |
| 2009 | 1 | 1,081 | 39,071 | 1,591,296 | 232,990 | 1,655,565 | 8 | 4,247,860 | 357,026 | 0.25 | 1,472.06 | 36.14 | 40.73 | 0.05 |
|  | 2 | 896 | 30,814 | 1,309,478 | 193,956 | 1,367,573 | 5 | 4,214,849 | 322,345 | 0.21 | 1,461.47 | 34.39 | 42.50 | 0.04 |
|  | 3 | 791 | 27,150 | 1,142,447 | 169,313 | 1,188,346 | 7 | 4,254,002 | 356,386 | 0.19 | 1,444.31 | 34.32 | 42.08 | 0.06 |
|  | 4 | 740 | 23,794 | 1,062,276 | 160,942 | 1,105,925 | 12 | 4,506,719 | 365,750 | 0.16 | 1,435.51 | 32.15 | 44.64 | 0.11 |
|  | 5 | 702 | 23,655 | 998,897 | 145,142 | 1,038,231 | 7 | 4,557,917 | 378,790 | 0.15 | 1,422.93 | 33.70 | 42.23 | 0.07 |
|  | 6 | 686 | 21,284 | 968,836 | 142,547 | 1,002,710 | 11 | 4,584,208 | 367,719 | 0.15 | 1,412.30 | 31.03 | 45.52 | 0.11 |
|  | 7 | 648 | 21,161 | 918,671 | 139,534 | 956,154 | 6 | 4,586,575 | 378,456 | 0.14 | 1,417.70 | 32.66 | 43.41 | 0.06 |
|  | 8 | 587 | 19,966 | 820,881 | 119,228 | 855,192 | 6 | 4,546,577 | 378,865 | 0.13 | 1,398.43 | 34.01 | 41.11 | 0.07 |
|  | 9 | 569 | 18,413 | 783,690 | 116,854 | 814,530 | 5 | 4,579,775 | 366,909 | 0.12 | 1,377.31 | 32.36 | 42.56 | 0.06 |
|  | 10 | 585 | 18,438 | 804,240 | 122,959 | 836,890 | 9 | 4,579,047 | 381,296 | 0.13 | 1,374.77 | 31.52 | 43.62 | 0.11 |
|  | 11 | 489 | 16,001 | 662,960 | 97,895 | 691,712 | 3 | 4,578,607 | 369,460 | 0.11 | 1,355.75 | 32.72 | 41.43 | 0.04 |
|  | 12 | 561 | 17,978 | 750,587 | 107,921 | 782,372 | 5 | 4,595,724 | 382,761 | 0.12 | 1,337.94 | 32.05 | 41.75 | 0.06 |
| 2010 | 1 | 550 | 17,223 | 734,910 | 110,097 | 762,426 | 8 | 4,595,004 | 364,411 | 0.12 | 1,336.20 | 31.31 | 42.67 | 0.10 |
|  | 2 | 493 | 15,961 | 658,113 | 94,839 | 683,647 | 2 | 4,325,817 | 327,256 | 0.11 | 1,334.91 | 32.38 | 41.23 | 0.03 |
|  | 3 | 504 | 15,685 | 663,097 | 95,523 | 691,074 | 3 | 4,311,053 | 361,665 | 0.12 | 1,315.67 | 31.12 | 42.28 | 0.04 |
|  | 4 | 525 | 15,131 | 682,769 | 101,771 | 708,793 | 9 | 4,660,511 | 378,208 | 0.11 | 1,300.51 | 28.82 | 45.12 | 0.13 |
|  | 5 | 522 | 15,235 | 667,572 | 100,911 | 694,397 | 4 | 4,709,801 | 391,948 | 0.11 | 1,278.87 | 29.19 | 43.82 | 0.06 |
|  | 6 | 554 | 15,805 | 694,500 | 105,558 | 725,344 | 8 | 4,737,911 | 380,408 | 0.12 | 1,253.61 | 28.53 | 43.94 | 0.11 |
|  | 7 | 526 | 15,295 | 653,389 | 98,330 | 679,909 | 5 | 4,741,364 | 393,696 | 0.11 | 1,242.18 | 29.08 | 42.72 | 0.07 |
|  | 8 | 520 | 14,222 | 639,079 | 95,767 | 658,821 | 7 | 4,724,487 | 394,186 | 0.11 | 1,229.00 | 27.35 | 44.94 | 0.11 |
|  | 9 | 461 | 12,884 | 551,557 | 84,855 | 575,045 | 3 | 4,750,398 | 381,506 | 0.10 | 1,196.44 | 27.95 | 42.81 | 0.05 |
|  | 10 | 509 | 13,844 | 598,191 | 92,119 | 620,624 | 6 | 4,747,446 | 395,806 | 0.11 | 1,175.23 | 27.20 | 43.21 | 0.10 |

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | D | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 495 | 13,614 | 567,049 | 85,850 | 594,732 | 1 | 4,747,670 | 383,193 | 0.10 | 1,145.55 | 27.50 | 41.65 | 0.02 |
|  | 12 | 454 | 12,028 | 511,441 | 76,216 | 529,953 | 7 | 4,758,071 | 395,978 | 0.10 | 1,126.52 | 26.49 | 42.52 | 0.13 |
| 2011 | 1 | 551 | 14,184 | 610,806 | 91,567 | 636,047 | 3 | 4,740,942 | 343,774 | 0.12 | 1,108.54 | 25.74 | 43.06 | 0.05 |
|  | 2 | 259 | 7,258 | 294,830 | 48,236 | 305,921 | 2 | 4,065,577 | 230,732 | 0.06 | 1,138.34 | 28.02 | 40.62 | 0.07 |
|  | 3 | 238 | 6,709 | 265,663 | 37,775 | 275,098 | 3 | 3,004,256 | 251,146 | 0.08 | 1,116.23 | 28.19 | 39.60 | 0.11 |
|  | 4 | 249 | 6,390 | 268,782 | 38,238 | 281,136 | 1 | 3,135,091 | 253,105 | 0.08 | 1,079.45 | 25.66 | 42.06 | 0.04 |
|  | 5 | 78 | 2,182 | 85,004 | 12,925 | 88,821 | 0 | 3,103,408 | 97,921 | 0.03 | 1,089.79 | 27.97 | 38.96 | 0.00 |
|  | 6 | 84 | 2,041 | 88,777 | 13,542 | 92,679 | 1 | 1,111,930 | 89,175 | 0.08 | 1,056.87 | 24.30 | 43.50 | 0.11 |
|  | 7 | 3 | 66 | 3,272 | 443 | 3,288 | 0 | 1,096,001 | 3,001 | 0.00 | 1,090.67 | 22.00 | 49.58 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | - | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | - | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | - | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 16 | 676 | 28,746 | 22,058 | 29,632 | 0 | 109,155 | 8,829 | 0.15 | 1,796.63 | 42.25 | 42.52 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 20,343 | 0 | 105,097 | 7,994 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 8 | 445 | 15,269 | 2,176 | 16,235 | 0 | 105,938 | 8,905 | 0.08 | 1,908.63 | 55.63 | 34.31 | 0.00 |
|  | 4 | 359 | 15,366 | 656,487 | 153,606 | 680,649 | 6 | 2,009,652 | 162,897 | 0.18 | 1,828.65 | 42.80 | 42.72 | 0.09 |
|  | 5 | 294 | 13,201 | 547,624 | 84,570 | 568,380 | 1 | 2,042,090 | 169,835 | 0.14 | 1,862.67 | 44.90 | 41.48 | 0.02 |
|  | 6 | 257 | 11,872 | 482,294 | 110,018 | 498,006 | 3 | 2,058,742 | 165,059 | 0.12 | 1,876.63 | 46.19 | 40.62 | 0.06 |
|  | 7 | 254 | 11,472 | 459,019 | 68,840 | 472,871 | 6 | 2,072,174 | 170,905 | 0.12 | 1,807.16 | 45.17 | 40.01 | 0.13 |
|  | 8 | 239 | 10,689 | 437,020 | 82,879 | 459,202 | 4 | 2,081,378 | 172,191 | 0.11 | 1,828.54 | 44.72 | 40.89 | 0.09 |
|  | 9 | 217 | 10,090 | 401,994 | 60,721 | 416,880 | 5 | 2,099,140 | 168,251 | 0.10 | 1,852.51 | 46.50 | 39.84 | 0.12 |
|  | 10 | 254 | 11,053 | 457,109 | 72,486 | 478,510 | 1 | 2,100,485 | 174,830 | 0.12 | 1,799.64 | 43.52 | 41.36 | 0.02 |
|  | 11 | 211 | 9,186 | 370,577 | 67,425 | 383,016 | 3 | 2,099,050 | 169,497 | 0.10 | 1,756.29 | 43.54 | 40.34 | 0.08 |
|  | 12 | 183 | 8,261 | 338,758 | 56,894 | 350,099 | 5 | 2,107,653 | 175,816 | 0.09 | 1,851.14 | 45.14 | 41.01 | 0.14 |
| 2007 | 1 | 254 | 11,913 | 460,357 | 102,598 | 482,256 | 1 | 2,112,344 | 168,292 | 0.12 | 1,812.43 | 46.90 | 38.64 | 0.02 |
|  | 2 | 211 | 9,622 | 379,125 | 55,406 | 394,812 | 1 | 2,002,479 | 151,884 | 0.11 | 1,796.80 | 45.60 | 39.40 | 0.03 |
|  | 3 | 195 | 8,711 | 351,706 | 57,256 | 367,539 | 1 | 2,004,224 | 168,179 | 0.10 | 1,803.62 | 44.67 | 40.37 | 0.03 |
|  | 4 | 186 | 8,583 | 337,056 | 56,321 | 350,640 | 1 | 2,090,967 | 169,761 | 0.09 | 1,812.13 | 46.15 | 39.27 | 0.03 |
|  | 5 | 193 | 8,592 | 345,189 | 53,808 | 359,243 | 0 | 2,108,529 | 175,903 | 0.09 | 1,788.54 | 44.52 | 40.18 | 0.00 |
|  | 6 | 167 | 7,325 | 298,389 | 42,486 | 310,864 | 1 | 2,120,615 | 170,698 | 0.08 | 1,786.76 | 43.86 | 40.74 | 0.03 |
|  | 7 | 164 | 6,563 | 292,826 | 43,076 | 302,498 | 1 | 2,127,190 | 175,723 | 0.08 | 1,785.52 | 40.02 | 44.62 | 0.03 |
|  | 8 | 195 | 8,382 | 341,536 | 50,099 | 355,024 | 3 | 2,748,357 | 179,703 | 0.07 | 1,751.47 | 42.98 | 40.75 | 0.08 |
|  | 9 | 263 | 11,394 | 475,821 | 70,675 | 494,862 | 1 | 2,769,884 | 222,770 | 0.09 | 1,809.21 | 43.32 | 41.76 | 0.02 |
|  | 10 | 263 | 12,059 | 468,979 | 69,379 | 485,881 | 4 | 2,771,573 | 231,311 | 0.09 | 1,783.19 | 45.85 | 38.89 | 0.08 |
|  | 11 | 254 | 11,244 | 458,597 | 66,653 | 472,890 | 2 | 2,778,114 | 224,185 | 0.09 | 1,805.50 | 44.27 | 40.79 | 0.04 |
|  | 12 | 291 | 13,518 | 518,015 | 76,975 | 536,121 | 4 | 2,786,200 | 232,542 | 0.10 | 1,780.12 | 46.45 | 38.32 | 0.07 |
| 2008 | 1 | 383 | 16,208 | 681,734 | 98,295 | 708,433 | 4 | 2,789,888 | 217,542 | 0.14 | 1,779.98 | 42.32 | 42.06 | 0.06 |
|  | 2 | 352 | 16,215 | 641,543 | 94,462 | 666,999 | 3 | 2,599,740 | 203,068 | 0.14 | 1,822.57 | 46.07 | 39.56 | 0.04 |
|  | 3 | 382 | 16,304 | 683,741 | 100,416 | 705,829 | 4 | 3,640,755 | 219,730 | 0.10 | 1,789.90 | 42.68 | 41.94 | 0.06 |
|  | 4 | 508 | 21,166 | 912,556 | 142,244 | 946,353 | 4 | 3,627,969 | 294,631 | 0.14 | 1,796.37 | 41.67 | 43.11 | 0.04 |
|  | 5 | 420 | 17,751 | 754,147 | 112,187 | 783,456 | 3 | 3,677,084 | 305,838 | 0.11 | 1,795.59 | 42.26 | 42.48 | 0.04 |
|  | 6 | 396 | 16,896 | 702,205 | 104,179 | 723,185 | 7 | 3,701,355 | 297,045 | 0.11 | 1,773.24 | 42.67 | 41.56 | 0.10 |
|  | 7 | 361 | 14,669 | 634,932 | 93,250 | 655,267 | 5 | 3,722,482 | 306,366 | 0.10 | 1,758.81 | 40.63 | 43.28 | 0.08 |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users |  |  | Amount Supplied |  | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | -- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 351 | 14,494 | 20,022 | 15,083 | 0 | 96,217 | 7,677 | 0.07 | 2,070.57 | 50.14 | 41.29 | 0.00 |
|  | 2 | 5 | 278 | 11,662 | 1,663 | 11,847 | 0 | 91,267 | 6,937 | 0.05 | 2,332.40 | 55.60 | 41.95 | 0.00 |
|  | 3 | 3 | 217 | 7,799 | 1,112 | 8,270 | 0 | 91,724 | 7,722 | 0.03 | 2,599.67 | 72.33 | 35.94 | 0.00 |
|  | 4 | 172 | 8,560 | 365,238 | 97,606 | 377,571 | 2 | 1,686,332 | 136,939 | 0.10 | 2,123.48 | 49.77 | 42.67 | 0.05 |




Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 818 | 4,603 | 184,247 | 49,670 | 266,632 | 3 | 237,415 | 19,835 | 3.45 | 225.24 | 5.63 | 40.03 | 0.11 |
|  | 2 | 644 | 3,122 | 127,085 | 18,880 | 195,282 | 2 | 235,700 | 17,960 | 2.73 | 197.34 | 4.85 | 40.71 | 0.10 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 211,811 | 4 | 237,739 | 19,995 | 2.99 | 186.58 | 4.93 | 37.85 | 0.19 |
|  | 4 | 9,732 | 65,258 | 2,681,626 | 556,195 | 3,829,631 | 40 | 4,467,717 | 364,974 | 2.18 | 275.55 | 6.71 | 41.09 | 0.10 |
|  | 5 | 9,019 | 56,843 | 2,254,737 | 408,310 | 3,312,666 | 26 | 4,541,962 | 378,547 | 1.99 | 250.00 | 6.30 | 39.67 | 0.08 |
|  | 6 | 8,305 | 54,619 | 2,140,897 | 459,146 | 3,109,140 | 22 | 4,547,799 | 366,140 | 1.83 | 257.78 | 6.58 | 39.20 | 0.07 |
|  | 7 | 7,059 | 47,284 | 1,893,018 | 376,611 | 2,701,495 | 34 | 4,548,855 | 378,700 | 1.55 | 268.17 | 6.70 | 40.04 | 0.13 |
|  | 8 | 7,608 | 52,244 | 2,033,992 | 390,050 | 2,928,913 | 20 | 4,588,424 | 381,242 | 1.66 | 267.35 | 6.87 | 38.93 | 0.07 |
|  | 9 | 6,624 | 45,516 | 1,760,313 | 365,492 | 2,530,229 | 26 | 4,623,626 | 371,949 | 1.43 | 265.75 | 6.87 | 38.67 | 0.10 |
|  | 10 | 6,536 | 44,625 | 1,776,345 | 353,738 | 2,549,051 | 19 | 4,628,394 | 387,156 | 1.41 | 271.78 | 6.83 | 39.81 | 0.07 |
|  | 11 | 5,812 | 40,666 | 1,569,937 | 324,310 | 2,245,708 | 24 | 4,642,090 | 375,491 | 1.25 | 270.12 | 7.00 | 38.61 | 0.11 |
|  | 12 | 5,116 | 35,081 | 1,361,902 | 241,356 | 1,954,233 | 22 | 4,667,660 | 390,128 | 1.10 | 266.20 | 6.86 | 38.82 | 0.11 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | 1 | 5,717 | 45,158 | 1,720,456 | 367,012 | 2,429,579 | 22 | 4,444,972 | 371,582 | 1.29 | 300.94 | 7.90 | 38.10 | 0.09 |
|  | 2 | 4,904 | 38,591 | 1,480,940 | 281,575 | 2,103,186 | 23 | 4,393,241 | 335,281 | 1.12 | 301.99 | 7.87 | 38.38 | 0.11 |
|  | 3 | 4,699 | 36,461 | 1,399,951 | 281,039 | 1,983,620 | 14 | 4,398,629 | 371,415 | 1.07 | 297.93 | 7.76 | 38.40 | 0.07 |
|  | 4 | 4,741 | 35,673 | 1,373,859 | 278,243 | 1,965,622 | 9 | 4,646,747 | 379,885 | 1.02 | 289.78 | 7.52 | 38.51 | 0.05 |
|  | 5 | 4,533 | 34,344 | 1,325,714 | 254,502 | 1,877,580 | 14 | 4,712,878 | 394,094 | 0.96 | 292.46 | 7.58 | 38.60 | 0.07 |
|  | 6 | 4,116 | 30,048 | 1,167,326 | 216,250 | 1,668,366 | 16 | 4,737,359 | 381,993 | 0.87 | 283.61 | 7.30 | 38.85 | 0.10 |
|  | 7 | 4,026 | 28,551 | 1,128,027 | 232,973 | 1,617,178 | 15 | 4,704,474 | 393,298 | 0.86 | 280.19 | 7.09 | 39.51 | 0.09 |
|  | 8 | 4,322 | 31,847 | 1,229,339 | 224,311 | 1,759,226 | 13 | 6,241,611 | 402,687 | 0.69 | 284.44 | 7.37 | 38.60 | 0.07 |
|  | 9 | 7,213 | 48,853 | 1,894,182 | 318,700 | 2,742,353 | 31 | 6,286,322 | 506,249 | 1.15 | 262.61 | 6.77 | 38.77 | 0.11 |
|  | 10 | 7,757 | 53,862 | 2,004,452 | 335,973 | 2,915,134 | 37 | 6,285,972 | 526,244 | 1.23 | 258.41 | 6.94 | 37.21 | 0.13 |
|  | 11 | 7,141 | 49,191 | 1,873,786 | 351,155 | 2,717,363 | 30 | 6,306,890 | 510,151 | 1.13 | 262.40 | 6.89 | 38.09 | 0.11 |
|  | 12 | 6,243 | 47,117 | 1,772,656 | 301,729 | 2,497,724 | 26 | 6,337,676 | 529,742 | 0.99 | 283.94 | 7.55 | 37.62 | 0.10 |
| 2008 | 1 | 8,159 | 66,923 | 2,557,288 | 421,717 | 3,559,044 | 47 | 6,064,977 | 507,145 | 1.35 | 313.43 | 8.20 | 38.21 | 0.13 |
|  | 2 | 7,452 | 61,564 | 2,332,624 | 377,764 | 3,255,496 | 47 | 6,047,360 | 474,276 | 1.23 | 313.02 | 8.26 | 37.89 | 0.14 |
|  | 3 | 8,388 | 68,333 | 2,683,626 | 433,563 | 3,720,499 | 46 | 9,562,691 | 515,439 | 0.88 | 319.94 | 8.15 | 39.27 | 0.12 |
|  | 4 | 16,051 | 107,565 | 4,664,400 | 800,718 | 6,537,301 | 73 | 9,429,434 | 771,378 | 1.70 | 290.60 | 6.70 | 43.36 | 0.11 |
|  | 5 | 14,007 | 90,908 | 3,769,962 | 590,882 | 5,414,862 | 62 | 9,588,286 | 799,225 | 1.46 | 269.15 | 6.49 | 41.47 | 0.11 |
|  | 6 | 13,037 | 84,493 | 3,484,953 | 533,776 | 5,011,658 | 52 | 9,624,230 | 774,239 | 1.35 | 267.31 | 6.48 | 41.25 | 0.10 |
|  | 7 | 12,537 | 80,822 | 3,323,022 | 591,788 | 4,786,475 | 50 | 9,615,994 | 801,661 | 1.30 | 265.06 | 6.45 | 41.12 | 0.10 |
|  | 8 | 11,128 | 72,272 | 2,936,837 | 500,315 | 4,220,110 | 57 | 9,639,712 | 805,346 | 1.15 | 263.91 | 6.49 | 40.64 | 0.14 |
|  | 9 | 10,783 | 72,344 | 2,915,858 | 474,466 | 4,156,065 | 52 | 9,717,200 | 780,795 | 1.11 | 270.41 | 6.71 | 40.31 | 0.13 |
|  | 10 | 11,530 | 73,462 | 2,950,379 | 492,729 | 4,271,251 | 54 | 9,722,378 | 812,938 | 1.19 | 255.89 | 6.37 | 40.16 | 0.13 |
|  | 11 | 10,040 | 64,402 | 2,585,144 | 424,087 | 3,739,121 | 34 | 9,738,840 | 787,468 | 1.03 | 257.48 | 6.41 | 40.14 | 0.09 |
|  | 12 | 10,297 | 64,409 | 2,578,675 | 422,198 | 3,734,248 | 33 | 9,789,089 | 816,874 | 1.05 | 250.43 | 6.26 | 40.04 | 0.09 |
| 2009 | 1 | 12,038 | 101,268 | 3,996,026 | 612,762 | 5,483,312 | 64 | 9,021,987 | 754,364 | 1.33 | 331.95 | 8.41 | 39.46 | 0.12 |
|  | 2 | 11,138 | 89,610 | 3,561,100 | 542,376 | 4,916,423 | 47 | 8,881,116 | 678,359 | 1.25 | 319.73 | 8.05 | 39.74 | 0.10 |
|  | 3 | 10,602 | 77,469 | 3,105,990 | 480,003 | 4,399,088 | 54 | 8,840,471 | 747,463 | 1.20 | 292.96 | 7.31 | 40.09 | 0.12 |
|  | 4 | 11,048 | 72,778 | 3,075,856 | 488,090 | 4,391,971 | 60 | 9,462,480 | 774,541 | 1.17 | 278.41 | 6.59 | 42.26 | 0.14 |
|  | 5 | 10,000 | 66,674 | 2,721,359 | 426,903 | 3,920,283 | 34 | 9,602,575 | 801,406 | 1.04 | 272.14 | 6.67 | 40.82 | 0.09 |
|  | 6 | 10,055 | 63,749 | 2,675,182 | 405,281 | 3,859,644 | 45 | 9,641,882 | 777,531 | 1.04 | 266.05 | 6.34 | 41.96 | 0.12 |
|  | 7 | 9,816 | 62,455 | 2,540,364 | 410,982 | 3,702,875 | 51 | 9,592,613 | 802,603 | 1.02 | 258.80 | 6.36 | 40.68 | 0.14 |
|  | 8 | 9,163 | 58,289 | 2,312,864 | 355,029 | 3,386,040 | 43 | 9,597,334 | 803,362 | 0.95 | 252.41 | 6.36 | 39.68 | 0.13 |
|  | 9 | 8,709 | 54,308 | 2,188,732 | 342,262 | 3,194,763 | 33 | 9,647,957 | 777,347 | 0.90 | 251.32 | 6.24 | 40.30 | 0.10 |
|  | 10 | 8,917 | 53,165 | 2,159,797 | 345,575 | 3,181,947 | 46 | 9,621,997 | 805,868 | 0.93 | 242.21 | 5.96 | 40.62 | 0.14 |
|  | 11 | 7,949 | 47,445 | 1,858,744 | 296,607 | 2,769,036 | 34 | 9,629,808 | 780,322 | 0.83 | 233.83 | 5.97 | 39.18 | 0.12 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 8,405 | 48,807 | 1,943,927 | 306,310 | 2,882,185 | 36 | 9,666,119 | 808,174 | 0.87 | 231.28 | 5.81 | 39.83 | 0.12 |
| 2010 | 1 | 7,757 | 50,089 | 2,039,365 | 311,590 | 3,011,221 | 45 | 8,743,351 | 733,042 | 0.89 | 262.91 | 6.46 | 40.71 | 0.15 |
|  | 2 | 7,096 | 45,989 | 1,833,614 | 280,944 | 2,716,443 | 35 | 8,621,644 | 658,716 | 0.82 | 258.40 | 6.48 | 39.87 | 0.13 |
|  | 3 | 6,935 | 44,047 | 1,754,145 | 273,420 | 2,613,558 | 43 | 8,584,324 | 726,107 | 0.81 | 252.94 | 6.35 | 39.82 | 0.16 |
|  | 4 | 8,062 | 47,946 | 2,056,306 | 320,359 | 3,026,697 | 38 | 9,297,177 | 761,248 | 0.87 | 255.06 | 5.95 | 42.89 | 0.13 |
|  | 5 | 7,630 | 45,985 | 1,948,378 | 295,289 | 2,869,175 | 49 | 9,393,230 | 785,024 | 0.81 | 255.36 | 6.03 | 42.37 | 0.17 |
|  | 6 | 7,834 | 45,650 | 1,934,094 | 311,477 | 2,885,256 | 42 | 9,422,432 | 760,259 | 0.83 | 246.88 | 5.83 | 42.37 | 0.15 |
|  | 7 | 7,207 | 42,123 | 1,764,796 | 279,994 | 2,623,201 | 38 | 9,352,399 | 783,283 | 0.77 | 244.87 | 5.84 | 41.90 | 0.14 |
|  | 8 | 7,252 | 41,753 | 1,753,761 | 270,251 | 2,597,003 | 32 | 9,340,134 | 782,127 | 0.78 | 241.83 | 5.76 | 42.00 | 0.12 |
|  | 9 | 6,741 | 37,402 | 1,538,266 | 235,811 | 2,324,183 | 28 | 9,375,265 | 756,203 | 0.72 | 228.20 | 5.55 | 41.13 | 0.12 |
|  | 10 | 6,783 | 37,518 | 1,540,167 | 241,935 | 2,314,089 | 32 | 9,337,931 | 782,562 | 0.73 | 227.06 | 5.53 | 41.05 | 0.14 |
|  | 11 | 6,337 | 35,667 | 1,454,082 | 218,403 | 2,184,717 | 26 | 9,346,942 | 757,226 | 0.68 | 229.46 | 5.63 | 40.77 | 0.12 |
|  | 12 | 5,937 | 32,721 | 1,315,094 | 200,733 | 1,983,478 | 36 | 9,380,698 | 784,938 | 0.63 | 221.51 | 5.51 | 40.19 | 0.18 |
| 2011 | 1 | 6,086 | 37,819 | 1,596,426 | 242,801 | 2,348,897 | 27 | 8,475,107 | 710,231 | 0.72 | 262.31 | 6.21 | 42.21 | 0.11 |
|  | 2 | 5,655 | 35,531 | 1,443,833 | 214,027 | 2,138,927 | 39 | 8,366,879 | 639,621 | 0.68 | 255.32 | 6.28 | 40.64 | 0.18 |
|  | 3 | 6,241 | 37,456 | 1,557,384 | 230,449 | 2,329,395 | 41 | 8,365,703 | 707,666 | 0.75 | 249.54 | 6.00 | 41.58 | 0.18 |
|  | 4 | 7,651 | 42,245 | 1,833,849 | 273,874 | 2,762,503 | 28 | 9,047,202 | 740,840 | 0.85 | 239.69 | 5.52 | 43.41 | 0.10 |
|  | 5 | 7,124 | 37,382 | 1,608,808 | 247,461 | 2,465,159 | 32 | 9,142,030 | 765,642 | 0.78 | 225.83 | 5.25 | 43.04 | 0.13 |
|  | 6 | 6,613 | 34,346 | 1,488,151 | 224,759 | 2,263,675 | 33 | 9,144,913 | 740,569 | 0.72 | 225.03 | 5.19 | 43.33 | 0.15 |
|  | 7 | 5,824 | 30,867 | 1,327,614 | 198,039 | 2,008,178 | 22 | 9,066,350 | 759,178 | 0.64 | 227.96 | 5.30 | 43.01 | 0.11 |
|  | 8 | 6,262 | 32,711 | 1,392,356 | 207,008 | 2,102,388 | 23 | 9,075,148 | 759,502 | 0.69 | 222.35 | 5.22 | 42.57 | 0.11 |
|  | 9 | 5,574 | 29,009 | 1,208,769 | 178,289 | 1,832,830 | 27 | 9,133,570 | 735,583 | 0.61 | 216.86 | 5.20 | 41.67 | 0.15 |
|  | 10 | 5,463 | 27,627 | 1,165,963 | 174,891 | 1,778,369 | 20 | 9,126,473 | 764,234 | 0.60 | 213.43 | 5.06 | 42.20 | 0.11 |
|  | 11 | 5,215 | 26,434 | 1,101,829 | 162,302 | 1,664,123 | 33 | 9,152,832 | 740,968 | 0.57 | 211.28 | 5.07 | 41.68 | 0.20 |
|  | 12 | 5,128 | 25,105 | 1,046,549 | 159,230 | 1,602,574 | 23 | 9,200,633 | 768,752 | 0.56 | 204.09 | 4.90 | 41.69 | 0.14 |
| 2012 | 1 | 5,301 | 29,637 | 1,238,890 | 182,495 | 1,854,167 | 30 | 8,372,877 | 701,347 | 0.63 | 233.71 | 5.59 | 41.80 | 0.16 |
|  | 2 | 5,070 | 27,272 | 1,143,406 | 171,392 | 1,723,018 | 21 | 8,363,070 | 655,723 | 0.61 | 225.52 | 5.38 | 41.93 | 0.12 |
|  | 3 | 4,926 | 25,135 | 1,064,402 | 156,780 | 1,642,900 | 39 | 9,071,124 | 701,650 | 0.54 | 216.08 | 5.10 | 42.35 | 0.24 |
|  | 4 | 6,007 | 28,759 | 1,274,100 | 190,047 | 1,949,027 | 35 | 8,958,810 | 733,758 | 0.67 | 212.10 | 4.79 | 44.30 | 0.18 |
|  | 5 | 5,710 | 26,271 | 1,156,100 | 175,732 | 1,791,509 | 27 | 9,057,354 | 758,311 | 0.63 | 202.47 | 4.60 | 44.01 | 0.15 |
|  | 6 | 4,962 | 23,074 | 1,018,710 | 151,654 | 1,550,868 | 31 | 9,057,507 | 733,736 | 0.55 | 205.30 | 4.65 | 44.15 | 0.20 |
|  | 7 | 4,636 | 20,237 | 878,433 | 132,270 | 1,381,188 | 18 | 8,987,607 | 752,638 | 0.52 | 189.48 | 4.37 | 43.41 | 0.13 |
|  | 8 | 5,018 | 22,041 | 945,805 | 144,052 | 1,474,625 | 21 | 9,000,441 | 753,572 | 0.56 | 188.48 | 4.39 | 42.91 | 0.14 |
|  | 9 | 4,329 | 18,617 | 790,325 | 118,449 | 1,223,742 | 26 | 9,072,793 | 729,736 | 0.48 | 182.57 | 4.30 | 42.45 | 0.21 |
|  | 10 | 5,019 | 21,035 | 910,178 | 135,393 | 1,415,983 | 18 | 9,067,558 | 759,655 | 0.55 | 181.35 | 4.19 | 43.27 | 0.13 |


| Year | Month | Users |  | d | Amount Supplied |  | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 4,590 | 19,275 | 808,550 | 120,438 | 1,247,564 | 18 | 9,089,915 | 735,997 | 0.50 | 176.15 | 4.20 | $41.95$ | $0.14$ |
|  | 12 | 4,202 | 17,414 | 733,711 | 109,641 | 1,128,733 | 13 | 9,124,761 | 763,646 | 0.46 | 174.61 | 4.14 | 42.13 | 0.12 |
| 2013 | 1 | 4,328 | 18,585 | 782,889 | 116,528 | 1,217,483 | 14 | 8,453,422 | 708,525 | 0.51 | 180.89 | 4.29 | 42.12 | 0.11 |
|  | 2 | 3,967 | 16,813 | 700,686 | 103,660 | 1,080,678 | 16 | 8,343,512 | 637,924 | 0.48 | 176.63 | 4.24 | 41.68 | 0.15 |
|  | 3 | 3,974 | 16,366 | 676,316 | 101,357 | 1,050,833 | 17 | 8,339,645 | 705,625 | 0.48 | 170.19 | 4.12 | 41.32 | 0.16 |
|  | 4 | 5,498 | 20,136 | 855,319 | 128,491 | 1,361,979 | 30 | 9,069,620 | 742,932 | 0.61 | 155.57 | 3.66 | 42.48 | 0.22 |
|  | 5 | 5,250 | 18,010 | 769,758 | 114,328 | 1,229,834 | 21 | 9,162,676 | 767,736 | 0.57 | 146.62 | 3.43 | 42.74 | 0.17 |
|  | 6 | 4,504 | 14,948 | 626,844 | 94,850 | 987,358 | 20 | 9,169,289 | 742,572 | 0.49 | 139.17 | 3.32 | 41.93 | 0.20 |
|  | 7 | 4,807 | 15,205 | 619,179 | 93,643 | 976,128 | 13 | 9,134,680 | 765,281 | 0.53 | 128.81 | 3.16 | 40.72 | 0.13 |
|  | 8 | 4,890 | 14,298 | 577,424 | 87,153 | 885,085 | 14 | 9,140,197 | 765,802 | 0.53 | 118.08 | 2.92 | 40.38 | 0.16 |
|  | 9 | 4,537 | 12,257 | 482,077 | 74,181 | 728,392 | 9 | 9,295,121 | 741,540 | 0.49 | 106.25 | 2.70 | 39.33 | 0.12 |
|  | 10 | 5,322 | 13,488 | 509,691 | 81,795 | 733,658 | 13 | 9,287,051 | 778,345 | 0.57 | 95.77 | 2.53 | 37.79 | 0.18 |
|  | 11 | 4,503 | 9,654 | 365,217 | 60,458 | 507,345 | 16 | 9,300,241 | 753,606 | 0.48 | 81.11 | 2.14 | 37.83 | 0.32 |
|  | 12 | 4,190 | 7,953 | 267,462 | 40,560 | 365,179 | 6 | 9,306,951 | 778,373 | 0.45 | 63.83 | 1.90 | 33.63 | 0.16 |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 53 | 1,498 | 62,674 | 26,894 | 71,207 | 0 | 152,357 | 11,884 | 0.35 | 1,182.53 | 28.26 | 41.84 | 0.00 |
|  | 2 | 41 | 1,065 | 45,587 | 6,500 | 51,882 | 0 | 141,611 | 10,744 | 0.29 | 1,111.88 | 25.98 | 42.80 | 0.00 |
|  | 3 | 48 | 1,451 | 50,188 | 7,448 | 59,779 | 0 | 142,759 | 11,942 | 0.34 | 1,045.58 | 30.23 | 34.59 | 0.00 |
|  | 4 | 1,344 | 36,814 | 1,531,941 | 320,693 | 1,747,182 | 20 | 3,007,388 | 243,955 | 0.45 | 1,139.84 | 27.39 | 41.61 | 0.11 |
|  | 5 | 1,056 | 30,278 | 1,223,796 | 212,278 | 1,394,178 | 8 | 3,063,876 | 253,798 | 0.34 | 1,158.90 | 28.67 | 40.42 | 0.06 |
|  | 6 | 1,049 | 30,213 | 1,190,491 | 256,919 | 1,361,950 | 10 | 3,082,838 | 246,782 | 0.34 | 1,134.88 | 28.80 | 39.40 | 0.07 |
|  | 7 | 954 | 26,828 | 1,076,321 | 184,629 | 1,227,890 | 15 | 3,103,992 | 256,013 | 0.31 | 1,128.22 | 28.12 | 40.12 | 0.12 |
|  | 8 | 1,086 | 30,107 | 1,186,471 | 201,939 | 1,368,939 | 12 | 3,121,231 | 258,106 | 0.35 | 1,092.51 | 27.72 | 39.41 | 0.09 |
|  | 9 | 1,013 | 28,043 | 1,081,181 | 211,263 | 1,250,598 | 12 | 3,150,050 | 252,296 | 0.32 | 1,067.31 | 27.68 | 38.55 | 0.10 |
|  | 10 | 1,027 | 28,112 | 1,123,207 | 198,940 | 1,298,194 | 6 | 3,156,693 | 262,703 | 0.33 | 1,093.68 | 27.37 | 39.95 | 0.05 |
|  | 11 | 956 | 25,987 | 1,020,473 | 195,460 | 1,179,142 | 8 | 3,163,199 | 254,812 | 0.30 | 1,067.44 | 27.18 | 39.27 | 0.07 |
|  | 12 | 831 | 23,112 | 895,450 | 143,474 | 1,028,005 | 9 | 3,176,193 | 264,296 | 0.26 | 1,077.56 | 27.81 | 38.74 | 0.09 |
| 2007 | 1 | 1,068 | 30,992 | 1,184,070 | 237,432 | 1,373,383 | 9 | 3,182,454 | 248,371 | 0.34 | 1,108.68 | 29.02 | 38.21 | 0.07 |
|  | 2 | 921 | 25,873 | 1,008,475 | 169,642 | 1,167,285 | 12 | 2,951,892 | 222,992 | 0.31 | 1,094.98 | 28.09 | 38.98 | 0.10 |
|  | 3 | 920 | 24,951 | 989,773 | 161,934 | 1,150,153 | 3 | 2,943,152 | 246,096 | 0.31 | 1,075.84 | 27.12 | 39.67 | 0.03 |
|  | 4 | 919 | 25,167 | 992,596 | 178,338 | 1,148,042 | 4 | 3,088,437 | 249,651 | 0.30 | 1,080.08 | 27.39 | 39.44 | 0.03 |
|  | 5 | 891 | 24,289 | 963,352 | 173,495 | 1,112,573 | 4 | 3,112,625 | 258,571 | 0.29 | 1,081.20 | 27.26 | 39.66 | 0.04 |
|  | 6 | 815 | 21,715 | 874,557 | 136,674 | 1,013,525 | 8 | 3,123,103 | 250,564 | 0.26 | 1,073.08 | 26.64 | 40.27 | 0.08 |
|  | 7 | 829 | 21,141 | 871,858 | 168,064 | 1,011,802 | 8 | 3,129,214 | 258,804 | 0.26 | 1,051.70 | 25.50 | 41.24 | 0.08 |
|  | 8 | 883 | 23,653 | 940,709 | 150,817 | 1,095,256 | 6 | 4,070,952 | 264,490 | 0.22 | 1,065.36 | 26.79 | 39.77 | 0.05 |



# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 18 | 745 | 31,583 | 22,462 | 34,625 | 0 | 109,155 | 8,829 | 0.16 | 1,754.61 | 41.39 | 42.39 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 21,193 | 0 | 105,095 | 7,994 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 12 | 622 | 20,462 | 2,916 | 23,507 | 0 | 105,936 | 8,905 | 0.11 | 1,705.17 | 51.83 | 32.90 | 0.00 |
|  | 4 | 424 | 17,537 | 742,550 | 166,014 | 821,080 | 10 | 2,009,646 | 162,893 | 0.21 | 1,751.30 | 41.36 | 42.34 | 0.12 |
|  | 5 | 343 | 14,948 | 611,696 | 93,780 | 677,408 | 1 | 2,042,019 | 169,827 | 0.17 | 1,783.37 | 43.58 | 40.92 | 0.01 |
|  | 6 | 318 | 13,940 | 563,293 | 122,752 | 619,353 | 3 | 2,058,624 | 165,047 | 0.15 | 1,771.36 | 43.84 | 40.41 | 0.05 |
|  | 7 | 301 | 12,976 | 520,662 | 80,590 | 571,769 | 9 | 2,071,997 | 170,887 | 0.15 | 1,729.77 | 43.11 | 40.13 | 0.16 |
|  | 8 | 304 | 12,812 | 522,095 | 96,157 | 585,647 | 4 | 2,081,154 | 172,170 | 0.15 | 1,717.42 | 42.14 | 40.75 | 0.07 |
|  | 9 | 270 | 11,930 | 470,209 | 70,441 | 523,252 | 5 | 2,098,857 | 168,226 | 0.13 | 1,741.51 | 44.19 | 39.41 | 0.10 |
|  | 10 | 304 | 12,777 | 522,105 | 83,073 | 583,255 | 1 | 2,100,157 | 174,800 | 0.14 | 1,717.45 | 42.03 | 40.86 | 0.02 |
|  | 11 | 266 | 10,774 | 442,859 | 84,105 | 490,647 | 3 | 2,098,678 | 169,464 | 0.13 | 1,664.88 | 40.50 | 41.10 | 0.06 |
|  | 12 | 225 | 9,730 | 393,213 | 64,602 | 432,454 | 6 | 2,107,228 | 175,779 | 0.11 | 1,747.61 | 43.24 | 40.41 | 0.14 |
| 2007 | 1 | 319 | 14,016 | 544,966 | 115,935 | 610,435 | 3 | 2,111,883 | 168,253 | 0.15 | 1,708.36 | 43.94 | 38.88 | 0.05 |
|  | 2 | 260 | 11,111 | 442,347 | 64,736 | 495,648 | 1 | 2,001,988 | 151,845 | 0.13 | 1,701.33 | 42.73 | 39.81 | 0.02 |
|  | 3 | 241 | 10,151 | 411,421 | 65,768 | 459,218 | 1 | 2,003,691 | 168,133 | 0.12 | 1,707.14 | 42.12 | 40.53 | 0.02 |
|  | 4 | 247 | 10,415 | 416,247 | 67,660 | 462,230 | 1 | 2,090,390 | 169,712 | 0.12 | 1,685.21 | 42.17 | 39.97 | 0.02 |
|  | 5 | 235 | 9,898 | 399,994 | 66,665 | 443,387 | 1 | 2,107,895 | 175,847 | 0.11 | 1,702.10 | 42.12 | 40.41 | 0.02 |
|  | 6 | 217 | 8,887 | 363,860 | 51,940 | 406,413 | 2 | 2,119,943 | 170,641 | 0.10 | 1,676.77 | 40.95 | 40.94 | 0.05 |
|  | 7 | 216 | 8,128 | 360,345 | 67,199 | 399,362 | 3 | 2,126,472 | 175,661 | 0.10 | 1,668.26 | 37.63 | 44.33 | 0.08 |
|  | 8 | 248 | 9,988 | 410,380 | 59,911 | 454,611 | 3 | 2,747,598 | 179,637 | 0.09 | 1,654.76 | 40.27 | 41.09 | 0.07 |
|  | 9 | 318 | 13,301 | 548,087 | 82,407 | 601,698 | 3 | 2,769,078 | 222,702 | 0.11 | 1,723.54 | 41.83 | 41.21 | 0.05 |
|  | 10 | 321 | 14,096 | 545,126 | 81,277 | 598,078 | 5 | 2,770,718 | 231,237 | 0.12 | 1,698.21 | 43.91 | 38.67 | 0.08 |
|  | 11 | 327 | 13,731 | 554,767 | 81,537 | 606,169 | 4 | 2,777,212 | 224,108 | 0.12 | 1,696.54 | 41.99 | 40.40 | 0.07 |
|  | 12 | 369 | 16,144 | 619,342 | 91,363 | 681,313 | 5 | 2,785,235 | 232,457 | 0.13 | 1,678.43 | 43.75 | 38.36 | 0.07 |
| 2008 | 1 | 493 | 19,583 | 826,068 | 120,890 | 911,472 | 7 | 2,788,855 | 217,457 | 0.18 | 1,675.59 | 39.72 | 42.18 | 0.08 |
|  | 2 | 442 | 19,065 | 759,043 | 111,392 | 832,164 | 6 | 2,598,687 | 202,981 | 0.17 | 1,717.29 | 43.13 | 39.81 | 0.07 |
|  | 3 | 483 | 19,369 | 816,520 | 121,669 | 892,459 | 4 | 3,639,621 | 219,630 | 0.13 | 1,690.52 | 40.10 | 42.16 | 0.04 |
|  | 4 | 653 | 25,270 | 1,102,858 | 173,231 | 1,206,135 | 8 | 3,626,746 | 294,525 | 0.18 | 1,688.91 | 38.70 | 43.64 | 0.07 |



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| Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
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| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2009 | Month 1 | 12,038 | $101,268$ | 3,996,026 | $612,762$ | $6,270,543$ | $73$ | $9,021,987$ | $754,364$ | $1.33$ |  | $8.41$ | $39.46$ | $0.12$ |
|  | 2 | 11,138 | 89,610 | 3,561,100 | 542,376 | 5,619,854 | 56 | 8,881,116 | 678,359 | 1.25 | 319.73 | 8.05 | 39.74 | 0.10 |
|  | 3 | 10,602 | 77,469 | 3,105,990 | 480,003 | 5,074,596 | 63 | 8,840,471 | 747,463 | 1.20 | 292.96 | 7.31 | 40.09 | 0.12 |
|  | 4 | 11,048 | 72,778 | 3,075,856 | 488,090 | 5,079,413 | 65 | 9,462,480 | 774,541 | 1.17 | 278.41 | 6.59 | 42.26 | 0.13 |
|  | 5 | 10,000 | 66,674 | 2,721,359 | 426,903 | 4,535,918 | 44 | 9,602,575 | 801,406 | 1.04 | 272.14 | 6.67 | 40.82 | 0.10 |
|  | 6 | 10,055 | 63,749 | 2,675,182 | 405,281 | 4,478,967 | 56 | 9,641,882 | 777,531 | 1.04 | 266.05 | 6.34 | 41.96 | 0.13 |
|  | 7 | 9,816 | 62,455 | 2,540,364 | 410,982 | 4,333,606 | 54 | 9,592,613 | 802,603 | 1.02 | 258.80 | 6.36 | 40.68 | 0.12 |
|  | 8 | 9,163 | 58,289 | 2,312,864 | 355,029 | 3,974,195 | 55 | 9,597,334 | 803,362 | 0.95 | 252.41 | 6.36 | 39.68 | 0.14 |
|  | 9 | 8,709 | 54,308 | 2,188,732 | 342,262 | 3,756,267 | 41 | 9,647,957 | 777,347 | 0.90 | 251.32 | 6.24 | 40.30 | 0.11 |
|  | 10 | 8,917 | 53,165 | 2,159,797 | 345,575 | 3,763,635 | 53 | 9,621,997 | 805,868 | 0.93 | 242.21 | 5.96 | 40.62 | 0.14 |
|  | 11 | 7,949 | 47,445 | 1,858,744 | 296,607 | 3,286,459 | 42 | 9,629,808 | 780,322 | 0.83 | 233.83 | 5.97 | 39.18 | 0.13 |
|  | 12 | 8,405 | 48,807 | 1,943,927 | 306,310 | 3,425,534 | 40 | 9,666,119 | 808,174 | 0.87 | 231.28 | 5.81 | 39.83 | 0.12 |
| 2010 | 1 | 7,757 | 50,089 | 2,039,365 | 311,590 | 3,582,676 | 52 | 8,743,351 | 733,042 | 0.89 | 262.91 | 6.46 | 40.71 | 0.15 |
|  | 2 | 7,096 | 45,989 | 1,833,614 | 280,944 | 3,232,912 | 41 | 8,621,644 | 658,716 | 0.82 | 258.40 | 6.48 | 39.87 | 0.13 |
|  | 3 | 6,935 | 44,047 | 1,754,145 | 273,420 | 3,099,722 | 49 | 8,584,324 | 726,107 | 0.81 | 252.94 | 6.35 | 39.82 | 0.16 |
|  | 4 | 8,062 | 47,946 | 2,056,306 | 320,359 | 3,564,392 | 44 | 9,297,177 | 761,248 | 0.87 | 255.06 | 5.95 | 42.89 | 0.12 |
|  | 5 | 7,630 | 45,985 | 1,948,378 | 295,289 | 3,383,224 | 56 | 9,393,230 | 785,024 | 0.81 | 255.36 | 6.03 | 42.37 | 0.17 |
|  | 6 | 7,834 | 45,650 | 1,934,094 | 311,477 | 3,414,693 | 47 | 9,422,432 | 760,259 | 0.83 | 246.88 | 5.83 | 42.37 | 0.14 |
|  | 7 | 7,207 | 42,123 | 1,764,796 | 279,994 | 3,110,482 | 43 | 9,352,399 | 783,283 | 0.77 | 244.87 | 5.84 | 41.90 | 0.14 |
|  | 8 | 7,252 | 41,753 | 1,753,761 | 270,251 | 3,079,017 | 40 | 9,340,134 | 782,127 | 0.78 | 241.83 | 5.76 | 42.00 | 0.13 |
|  | 9 | 6,741 | 37,402 | 1,538,266 | 235,811 | 2,785,271 | 33 | 9,375,265 | 756,203 | 0.72 | 228.20 | 5.55 | 41.13 | 0.12 |
|  | 10 | 6,783 | 37,518 | 1,540,167 | 241,935 | 2,768,559 | 35 | 9,337,931 | 782,562 | 0.73 | 227.06 | 5.53 | 41.05 | 0.13 |
|  | 11 | 6,337 | 35,667 | 1,454,082 | 218,403 | 2,620,861 | 33 | 9,346,942 | 757,226 | 0.68 | 229.46 | 5.63 | 40.77 | 0.13 |
|  | 12 | 5,937 | 32,721 | 1,315,094 | 200,733 | 2,384,633 | 36 | 9,380,698 | 784,938 | 0.63 | 221.51 | 5.51 | 40.19 | 0.15 |
| 2011 | 1 | 6,086 | 37,819 | 1,596,426 | 242,801 | 2,788,342 | 36 | 8,475,107 | 710,231 | 0.72 | 262.31 | 6.21 | 42.21 | 0.13 |
|  | 2 | 5,655 | 35,531 | 1,443,833 | 214,027 | 2,544,237 | 46 | 8,366,879 | 639,621 | 0.68 | 255.32 | 6.28 | 40.64 | 0.18 |
|  | 3 | 6,241 | 37,456 | 1,557,384 | 230,449 | 2,786,161 | 46 | 8,365,703 | 707,666 | 0.75 | 249.54 | 6.00 | 41.58 | 0.17 |
|  | 4 | 7,651 | 42,245 | 1,833,849 | 273,874 | 3,294,130 | 32 | 9,047,202 | 740,840 | 0.85 | 239.69 | 5.52 | 43.41 | 0.10 |
|  | 5 | 7,124 | 37,382 | 1,608,808 | 247,461 | 2,953,125 | 36 | 9,142,030 | 765,642 | 0.78 | 225.83 | 5.25 | 43.04 | 0.12 |
|  | 6 | 6,613 | 34,346 | 1,488,151 | 224,759 | 2,699,553 | 39 | 9,144,913 | 740,569 | 0.72 | 225.03 | 5.19 | 43.33 | 0.14 |
|  | 7 | 5,824 | 30,867 | 1,327,614 | 198,039 | 2,400,238 | 29 | 9,066,350 | 759,178 | 0.64 | 227.96 | 5.30 | 43.01 | 0.12 |
|  | 8 | 6,262 | 32,711 | 1,392,356 | 207,008 | 2,504,864 | 29 | 9,075,148 | 759,502 | 0.69 | 222.35 | 5.22 | 42.57 | 0.12 |
|  | 9 | 5,574 | 29,009 | 1,208,769 | 178,289 | 2,194,979 | 33 | 9,133,570 | 735,583 | 0.61 | 216.86 | 5.20 | 41.67 | 0.15 |
|  | 10 | 5,463 | 27,627 | 1,165,963 | 174,891 | 2,137,873 | 23 | 9,126,473 | 764,234 | 0.60 | 213.43 | 5.06 | 42.20 | 0.11 |
|  | 11 | 5,215 | 26,434 | 1,101,829 | 162,302 | 1,997,399 | 36 | 9,152,832 | 740,968 | 0.57 | 211.28 | 5.07 | 41.68 | 0.18 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 5,128 | 25,105 | 1,046,549 | 159,230 | 1,927,762 | 28 | 9,200,633 | 768,752 | 0.56 | 204.09 | 4.90 | 41.69 | 0.15 |
| 2012 | 1 | 5,301 | 29,637 | 1,238,890 | 182,495 | 2,202,363 | 35 | 8,372,877 | 701,347 | 0.63 | 233.71 | 5.59 | 41.80 | 0.16 |
|  | 2 | 5,070 | 27,272 | 1,143,406 | 171,392 | 2,049,399 | 28 | 8,363,070 | 655,723 | 0.61 | 225.52 | 5.38 | 41.93 | 0.14 |
|  | 3 | 4,926 | 25,135 | 1,064,402 | 156,780 | 1,984,478 | 43 | 9,071,124 | 701,650 | 0.54 | 216.08 | 5.10 | 42.35 | 0.22 |
|  | 4 | 6,007 | 28,759 | 1,274,100 | 190,047 | 2,307,021 | 40 | 8,958,810 | 733,758 | 0.67 | 212.10 | 4.79 | 44.30 | 0.17 |
|  | 5 | 5,710 | 26,271 | 1,156,100 | 175,732 | 2,130,400 | 31 | 9,057,354 | 758,311 | 0.63 | 202.47 | 4.60 | 44.01 | 0.15 |
|  | 6 | 4,962 | 23,074 | 1,018,710 | 151,654 | 1,843,000 | 39 | 9,057,507 | 733,736 | 0.55 | 205.30 | 4.65 | 44.15 | 0.21 |
|  | 7 | 4,636 | 20,237 | 878,433 | 132,270 | 1,649,509 | 23 | 8,987,607 | 752,638 | 0.52 | 189.48 | 4.37 | 43.41 | 0.14 |
|  | 8 | 5,018 | 22,041 | 945,805 | 144,052 | 1,765,281 | 26 | 9,000,441 | 753,572 | 0.56 | 188.48 | 4.39 | 42.91 | 0.15 |
|  | 9 | 4,329 | 18,617 | 790,325 | 118,449 | 1,455,557 | 27 | 9,072,793 | 729,736 | 0.48 | 182.57 | 4.30 | 42.45 | 0.19 |
|  | 10 | 5,019 | 21,035 | 910,178 | 135,393 | 1,687,993 | 23 | 9,067,558 | 759,655 | 0.55 | 181.35 | 4.19 | 43.27 | 0.14 |
|  | 11 | 4,590 | 19,275 | 808,550 | 120,438 | 1,482,068 | 22 | 9,089,915 | 735,997 | 0.50 | 176.15 | 4.20 | 41.95 | 0.15 |
|  | 12 | 4,202 | 17,414 | 733,711 | 109,641 | 1,318,259 | 13 | 9,124,761 | 763,646 | 0.46 | 174.61 | 4.14 | 42.13 | 0.10 |
| 2013 | 1 | 4,328 | 18,585 | 782,889 | 116,528 | 1,412,828 | 17 | 8,453,422 | 708,525 | 0.51 | 180.89 | 4.29 | 42.12 | 0.12 |
|  | 2 | 3,967 | 16,813 | 700,686 | 103,660 | 1,230,987 | 17 | 8,343,512 | 637,924 | 0.48 | 176.63 | 4.24 | 41.68 | 0.14 |
|  | 3 | 3,974 | 16,366 | 676,316 | 101,357 | 1,178,091 | 20 | 8,339,645 | 705,625 | 0.48 | 170.19 | 4.12 | 41.32 | 0.17 |
|  | 4 | 5,498 | 20,136 | 855,319 | 128,491 | 1,499,252 | 31 | 9,069,620 | 742,932 | 0.61 | 155.57 | 3.66 | 42.48 | 0.21 |
|  | 5 | 5,250 | 18,010 | 769,758 | 114,328 | 1,324,894 | 22 | 9,162,676 | 767,736 | 0.57 | 146.62 | 3.43 | 42.74 | 0.17 |
|  | 6 | 4,504 | 14,948 | 626,844 | 94,850 | 1,046,372 | 20 | 9,169,289 | 742,572 | 0.49 | 139.17 | 3.32 | 41.93 | 0.19 |
|  | 7 | 4,807 | 15,205 | 619,179 | 93,643 | 1,018,401 | 15 | 9,134,680 | 765,281 | 0.53 | 128.81 | 3.16 | 40.72 | 0.15 |
|  | 8 | 4,890 | 14,298 | 577,424 | 87,153 | 913,109 | 14 | 9,140,197 | 765,802 | 0.53 | 118.08 | 2.92 | 40.38 | 0.15 |
|  | 9 | 4,537 | 12,257 | 482,077 | 74,181 | 741,796 | 9 | 9,295,121 | 741,540 | 0.49 | 106.25 | 2.70 | 39.33 | 0.12 |
|  | 10 | 5,322 | 13,488 | 509,691 | 81,795 | 739,730 | 13 | 9,287,051 | 778,345 | 0.57 | 95.77 | 2.53 | 37.79 | 0.18 |
|  | 11 | 4,503 | 9,654 | 365,217 | 60,458 | 509,472 | 16 | 9,300,241 | 753,606 | 0.48 | 81.11 | 2.14 | 37.83 | 0.31 |
|  | 12 | 4,190 | 7,953 | 267,462 | 40,560 | 365,179 | 6 | 9,306,951 | 778,373 | 0.45 | 63.83 | 1.90 | 33.63 | 0.16 |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 58 | 1,545 | 64,830 | 27,202 | 79,328 | 0 | 152,357 | 11,884 | 0.38 | 1,117.76 | 26.64 | 41.96 | 0.00 |
|  | 2 | 45 | 1,098 | 47,129 | 6,720 | 57,587 | 0 | 141,606 | 10,744 | 0.32 | 1,047.31 | 24.40 | 42.92 | 0.00 |
|  | 3 | 51 | 1,489 | 51,254 | 7,600 | 66,689 | 0 | 142,750 | 11,941 | 0.36 | 1,004.98 | 29.20 | 34.42 | 0.00 |
|  | 4 | 1,493 | 38,309 | 1,592,837 | 330,461 | 1,960,383 | 21 | 3,007,376 | 243,948 | 0.50 | 1,066.87 | 25.66 | 41.58 | 0.11 |
|  | 5 | 1,188 | 31,706 | 1,278,516 | 223,934 | 1,572,390 | 9 | 3,063,715 | 253,779 | 0.39 | 1,076.19 | 26.69 | 40.32 | 0.06 |
|  | 6 | 1,180 | 31,654 | 1,244,305 | 269,007 | 1,540,222 | 11 | 3,082,549 | 246,753 | 0.38 | 1,054.50 | 26.83 | 39.31 | 0.07 |
|  | 7 | 1,077 | 28,166 | 1,127,147 | 196,013 | 1,393,667 | 16 | 3,103,577 | 255,974 | 0.35 | 1,046.56 | 26.15 | 40.02 | 0.11 |
|  | 8 | 1,205 | 31,437 | 1,234,471 | 219,160 | 1,538,743 | 13 | 3,120,698 | 258,057 | 0.39 | 1,024.46 | 26.09 | 39.27 | 0.08 |
|  | 9 | 1,162 | 29,656 | 1,143,441 | 225,019 | 1,445,111 | 13 | 3,149,402 | 252,238 | 0.37 | 984.03 | 25.52 | 38.56 | 0.09 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 1,173 | 29,741 | 1,183,824 | 213,758 | 1,490,632 | 6 | 3,155,904 | 262,631 | 0.37 | 1,009.23 | 25.35 | 39.80 | 0.04 |
|  | 11 | 1,106 | 27,678 | 1,082,387 | 209,791 | 1,366,513 | 8 | 3,162,269 | 254,730 | 0.35 | 978.65 | 25.03 | 39.11 | 0.06 |
|  | 12 | 962 | 24,488 | 949,608 | 151,870 | 1,190,136 | 13 | 3,175,124 | 264,200 | 0.30 | 987.12 | 25.46 | 38.78 | 0.11 |
| 2007 | 1 | 1,231 | 32,864 | 1,252,095 | 257,444 | 1,584,618 | 11 | 3,181,259 | 248,272 | 0.39 | 1,017.14 | 26.70 | 38.10 | 0.07 |
|  | 2 | 1,061 | 27,337 | 1,066,543 | 186,182 | 1,355,272 | 13 | 2,950,649 | 222,893 | 0.36 | 1,005.22 | 25.77 | 39.01 | 0.10 |
|  | 3 | 1,054 | 26,371 | 1,044,471 | 182,454 | 1,327,855 | 4 | 2,941,783 | 245,975 | 0.36 | 990.96 | 25.02 | 39.61 | 0.03 |
|  | 4 | 1,062 | 26,759 | 1,051,830 | 207,515 | 1,331,680 | 5 | 3,086,948 | 249,525 | 0.34 | 990.42 | 25.20 | 39.31 | 0.04 |
|  | 5 | 1,053 | 25,914 | 1,028,794 | 183,517 | 1,307,080 | 5 | 3,111,020 | 258,430 | 0.34 | 977.01 | 24.61 | 39.70 | 0.04 |
|  | 6 | 945 | 23,141 | 927,973 | 145,847 | 1,183,985 | 10 | 3,121,352 | 250,416 | 0.30 | 981.98 | 24.49 | 40.10 | 0.08 |
|  | 7 | 950 | 22,495 | 921,723 | 177,352 | 1,172,311 | 9 | 3,127,350 | 258,644 | 0.30 | 970.23 | 23.68 | 40.97 | 0.08 |
|  | 8 | 1,045 | 25,452 | 1,007,640 | 161,911 | 1,294,098 | 6 | 4,069,003 | 264,320 | 0.26 | 964.25 | 24.36 | 39.59 | 0.05 |
|  | 9 | 1,372 | 33,898 | 1,362,762 | 209,239 | 1,710,800 | 14 | 4,100,429 | 329,095 | 0.33 | 993.27 | 24.71 | 40.20 | 0.08 |
|  | 10 | 1,530 | 38,434 | 1,484,955 | 234,806 | 1,872,477 | 17 | 4,103,889 | 341,181 | 0.37 | 970.56 | 25.12 | 38.64 | 0.09 |
|  | 11 | 1,443 | 36,048 | 1,418,893 | 248,352 | 1,794,306 | 14 | 4,104,216 | 330,396 | 0.35 | 983.29 | 24.98 | 39.36 | 0.08 |
|  | 12 | 1,466 | 37,434 | 1,456,506 | 231,498 | 1,826,907 | 17 | 4,116,526 | 342,892 | 0.36 | 993.52 | 25.53 | 38.91 | 0.09 |
| 2008 | 1 | 2,174 | 53,189 | 2,138,507 | 326,598 | 2,711,791 | 33 | 4,125,796 | 323,138 | 0.53 | 983.67 | 24.47 | 40.21 | 0.12 |
|  | 2 | 1,890 | 48,343 | 1,899,283 | 306,751 | 2,389,424 | 23 | 3,860,232 | 300,485 | 0.49 | 1,004.91 | 25.58 | 39.29 | 0.10 |
|  | 3 | 2,122 | 51,956 | 2,123,264 | 346,110 | 2,659,265 | 27 | 5,742,847 | 325,274 | 0.37 | 1,000.60 | 24.48 | 40.87 | 0.10 |
|  | 4 | 3,148 | 69,315 | 3,062,882 | 522,380 | 3,847,098 | 41 | 5,717,030 | 461,436 | 0.55 | 972.96 | 22.02 | 44.19 | 0.11 |
|  | 5 | 2,570 | 58,129 | 2,476,792 | 373,872 | 3,131,565 | 24 | 5,775,159 | 476,921 | 0.45 | 963.73 | 22.62 | 42.61 | 0.08 |
|  | 6 | 2,385 | 54,795 | 2,307,836 | 362,360 | 2,898,729 | 31 | 5,790,406 | 462,914 | 0.41 | 967.65 | 22.97 | 42.12 | 0.11 |
|  | 7 | 2,378 | 53,055 | 2,239,997 | 406,886 | 2,848,246 | 24 | 5,814,102 | 478,610 | 0.41 | 941.97 | 22.31 | 42.22 | 0.08 |
|  | 8 | 2,190 | 48,796 | 2,049,231 | 335,313 | 2,600,727 | 29 | 5,791,016 | 480,018 | 0.38 | 935.72 | 22.28 | 42.00 | 0.11 |
|  | 9 | 2,297 | 51,895 | 2,151,106 | 351,155 | 2,717,626 | 27 | 5,829,116 | 465,359 | 0.39 | 936.48 | 22.59 | 41.45 | 0.10 |
|  | 10 | 2,299 | 50,961 | 2,116,088 | 338,575 | 2,701,984 | 23 | 5,830,692 | 483,087 | 0.39 | 920.44 | 22.17 | 41.52 | 0.09 |
|  | 11 | 2,059 | 44,904 | 1,900,657 | 300,945 | 2,425,727 | 15 | 5,821,900 | 468,299 | 0.35 | 923.10 | 21.81 | 42.33 | 0.06 |
|  | 12 | 2,199 | 47,455 | 1,982,435 | 325,665 | 2,538,531 | 21 | 5,843,595 | 485,860 | 0.38 | 901.52 | 21.58 | 41.78 | 0.08 |
| 2009 | 1 | 3,329 | 76,977 | 3,110,463 | 471,131 | 3,988,726 | 36 | 5,850,695 | 445,520 | 0.57 | 934.35 | 23.12 | 40.41 | 0.09 |
|  | 2 | 2,884 | 64,471 | 2,656,281 | 415,238 | 3,408,637 | 27 | 5,296,615 | 400,540 | 0.54 | 921.04 | 22.35 | 41.20 | 0.08 |
|  | 3 | 2,570 | 55,504 | 2,316,418 | 356,123 | 2,987,067 | 34 | 5,287,989 | 443,235 | 0.49 | 901.33 | 21.60 | 41.73 | 0.11 |
|  | 4 | 2,377 | 49,171 | 2,157,285 | 325,257 | 2,765,354 | 25 | 5,642,516 | 457,232 | 0.42 | 907.57 | 20.69 | 43.87 | 0.09 |
|  | 5 | 2,177 | 46,730 | 1,969,432 | 300,627 | 2,512,669 | 15 | 5,705,894 | 473,620 | 0.38 | 904.65 | 21.47 | 42.14 | 0.06 |
|  | 6 | 2,193 | 44,820 | 1,969,468 | 293,903 | 2,505,451 | 33 | 5,739,165 | 459,859 | 0.38 | 898.07 | 20.44 | 43.94 | 0.13 |
|  | 7 | 2,068 | 43,855 | 1,859,826 | 284,521 | 2,366,337 | 24 | 5,744,217 | 473,716 | 0.36 | 899.34 | 21.21 | 42.41 | 0.10 |
|  | 8 | 2,003 | 42,306 | 1,748,959 | 255,743 | 2,248,993 | 28 | 5,699,798 | 473,994 | 0.35 | 873.17 | 21.12 | 41.34 | 0.12 |



# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 20 | 798 | 33,907 | 22,794 | 39,439 | 0 | 109,155 | 8,829 | 0.18 | 1,695.35 | 39.90 | 42.49 | 0.00 |
|  | 2 | 11 | 532 | 20,787 | 2,966 | 23,308 | 0 | 105,093 | 7,994 | 0.10 | 1,889.73 | 48.36 | 39.07 | 0.00 |
|  | 3 | 15 | 734 | 23,606 | 3,660 | 29,590 | 0 | 105,933 | 8,904 | 0.14 | 1,573.73 | 48.93 | 32.16 | 0.00 |
|  | 4 | 455 | 18,321 | 777,920 | 171,053 | 909,051 | 11 | 2,009,641 | 162,892 | 0.23 | 1,709.71 | 40.27 | 42.46 | 0.12 |
|  | 5 | 374 | 15,728 | 646,427 | 98,720 | 755,622 | 1 | 2,041,984 | 169,823 | 0.18 | 1,728.41 | 42.05 | 41.10 | 0.01 |
|  | 6 | 362 | 15,183 | 612,896 | 139,002 | 714,104 | 3 | 2,058,560 | 165,040 | 0.18 | 1,693.08 | 41.94 | 40.37 | 0.04 |
|  | 7 | 328 | 13,766 | 550,697 | 84,870 | 639,830 | 10 | 2,071,889 | 170,878 | 0.16 | 1,678.95 | 41.97 | 40.00 | 0.16 |
|  | 8 | 339 | 13,810 | 561,256 | 101,731 | 668,531 | 4 | 2,081,024 | 172,157 | 0.16 | 1,655.62 | 40.74 | 40.64 | 0.06 |
|  | 9 | 298 | 12,761 | 501,367 | 74,860 | 592,049 | 6 | 2,098,694 | 168,212 | 0.14 | 1,682.44 | 42.82 | 39.29 | 0.10 |
|  | 10 | 348 | 14,029 | 570,983 | 91,489 | 680,369 | 1 | 2,099,973 | 174,783 | 0.17 | 1,640.76 | 40.31 | 40.70 | 0.01 |
|  | 11 | 310 | 12,232 | 492,946 | 98,529 | 583,176 | 4 | 2,098,452 | 169,443 | 0.15 | 1,590.15 | 39.46 | 40.30 | 0.07 |
|  | 12 | 268 | 11,036 | 441,155 | 71,442 | 518,580 | 9 | 2,106,961 | 175,754 | 0.13 | 1,646.10 | 41.18 | 39.97 | 0.17 |
| 2007 | 1 | 391 | 16,072 | 625,573 | 127,582 | 752,236 | 3 | 2,111,576 | 168,224 | 0.19 | 1,599.93 | 41.10 | 38.92 | 0.04 |
|  | 2 | 313 | 12,740 | 502,641 | 74,346 | 604,533 | 4 | 2,001,619 | 151,815 | 0.16 | 1,605.88 | 40.70 | 39.45 | 0.07 |
|  | 3 | 306 | 11,947 | 483,201 | 81,524 | 578,653 | 3 | 2,003,272 | 168,095 | 0.15 | 1,579.09 | 39.04 | 40.45 | 0.05 |
|  | 4 | 288 | 11,506 | 462,143 | 74,172 | 546,892 | 2 | 2,089,911 | 169,671 | 0.14 | 1,604.66 | 39.95 | 40.17 | 0.04 |
|  | 5 | 274 | 10,958 | 444,598 | 73,035 | 522,763 | 2 | 2,107,377 | 175,802 | 0.13 | 1,622.62 | 39.99 | 40.57 | 0.04 |




# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 820 | 4,606 | 184,607 | 49,721 | 198,309 | 0 | 237,401 | 19,835 | 3.45 | 225.13 | 5.62 | 40.08 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 136,989 | 0 | 235,688 | 17,959 | 2.74 | 197.12 | 4.84 | 40.70 | 0.00 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 143,095 | 0 | 237,734 | 19,995 | 2.99 | 186.58 | 4.93 | 37.85 | 0.00 |
|  | 4 | 9,751 | 65,433 | 2,687,718 | 557,064 | 2,877,474 | 2 | 4,468,219 | 365,036 | 2.18 | 275.64 | 6.71 | 41.08 | 0.01 |
|  | 5 | 9,046 | 57,005 | 2,260,734 | 409,170 | 2,420,160 | 2 | 4,542,400 | 378,605 | 1.99 | 249.92 | 6.30 | 39.66 | 0.01 |
|  | 6 | 8,321 | 54,801 | 2,147,083 | 460,031 | 2,305,788 | 2 | 4,548,215 | 366,191 | 1.83 | 258.03 | 6.59 | 39.18 | 0.01 |
|  | 7 | 7,068 | 47,448 | 1,899,486 | 377,544 | 2,040,730 | 1 | 4,549,241 | 378,752 | 1.55 | 268.74 | 6.71 | 40.03 | 0.00 |
|  | 8 | 7,627 | 52,390 | 2,038,735 | 390,726 | 2,195,777 | 1 | 4,588,806 | 381,294 | 1.66 | 267.30 | 6.87 | 38.91 | 0.00 |
|  | 9 | 6,635 | 45,615 | 1,763,684 | 365,982 | 1,893,245 | 2 | 4,624,020 | 372,001 | 1.43 | 265.82 | 6.87 | 38.66 | 0.01 |
|  | 10 | 6,550 | 44,773 | 1,780,875 | 354,459 | 1,910,513 | 1 | 4,628,779 | 387,212 | 1.42 | 271.89 | 6.84 | 39.78 | 0.01 |
|  | 11 | 5,817 | 40,731 | 1,573,358 | 324,789 | 1,687,306 | 1 | 4,642,528 | 375,546 | 1.25 | 270.48 | 7.00 | 38.63 | 0.01 |
|  | 12 | 5,132 | 35,215 | 1,366,290 | 242,089 | 1,460,691 | 1 | 4,668,056 | 390,182 | 1.10 | 266.23 | 6.86 | 38.80 | 0.01 |
| 2007 | 1 | 5,727 | 45,258 | 1,723,886 | 367,498 | 1,845,065 | 2 | 4,445,299 | 371,635 | 1.29 | 301.01 | 7.90 | 38.09 | 0.01 |
|  | 2 | 4,910 | 38,562 | 1,480,325 | 285,331 | 1,583,969 | 5 | 4,393,643 | 335,330 | 1.12 | 301.49 | 7.85 | 38.39 | 0.03 |
|  | 3 | 4,709 | 36,582 | 1,403,556 | 281,609 | 1,499,817 | 0 | 4,399,032 | 371,471 | 1.07 | 298.06 | 7.77 | 38.37 | 0.00 |
|  | 4 | 4,749 | 35,744 | 1,375,673 | 278,502 | 1,472,465 | 1 | 4,647,136 | 379,937 | 1.02 | 289.68 | 7.53 | 38.49 | 0.01 |
|  | 5 | 4,544 | 34,469 | 1,330,031 | 256,014 | 1,421,421 | 1 | 4,713,187 | 394,143 | 0.96 | 292.70 | 7.59 | 38.59 | 0.01 |
|  | 6 | 4,125 | 30,104 | 1,169,651 | 216,700 | 1,247,396 | 1 | 4,737,662 | 382,036 | 0.87 | 283.55 | 7.30 | 38.85 | 0.01 |
|  | 7 | 4,042 | 28,637 | 1,131,435 | 233,470 | 1,206,206 | 0 | 4,704,731 | 393,341 | 0.86 | 279.92 | 7.08 | 39.51 | 0.00 |
|  | 8 | 4,325 | 31,897 | 1,230,763 | 224,512 | 1,316,398 | 1 | 6,242,546 | 402,732 | 0.69 | 284.57 | 7.38 | 38.59 | 0.01 |
|  | 9 | 7,235 | 48,980 | 1,898,329 | 315,585 | 2,028,574 | 3 | 6,287,120 | 506,353 | 1.15 | 262.38 | 6.77 | 38.76 | 0.01 |
|  | 10 | 7,789 | 54,115 | 2,013,151 | 338,402 | 2,155,741 | 3 | 6,286,755 | 526,352 | 1.24 | 258.46 | 6.95 | 37.20 | 0.01 |
|  | 11 | 7,164 | 49,295 | 1,877,228 | 351,648 | 2,010,701 | 0 | 6,307,653 | 510,252 | 1.14 | 262.04 | 6.88 | 38.08 | 0.00 |
|  | 12 | 6,269 | 47,466 | 1,783,545 | 303,288 | 1,906,883 | 1 | 6,338,377 | 529,848 | 0.99 | 284.50 | 7.57 | 37.58 | 0.01 |
| 2008 | 1 | 8,191 | 67,164 | 2,565,682 | 422,926 | 2,738,882 | 2 | 6,065,704 | 507,243 | 1.35 | 313.23 | 8.20 | 38.20 | 0.01 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1 | 6,103 | 37,954 | 1,600,718 | 243,517 | 1,688,146 | 0 | 8,475,423 | 710,309 | 0.72 | 262.28 | 6.22 | 42.18 | 0.00 |
|  | 2 | 5,667 | 35,558 | 1,444,572 | 214,140 | 1,527,445 | 0 | 8,367,282 | 639,693 | 0.68 | 254.91 | 6.27 | 40.63 | 0.00 |
|  | 3 | 6,266 | 37,608 | 1,563,881 | 231,366 | 1,648,946 | 1 | 8,366,059 | 707,747 | 0.75 | 249.58 | 6.00 | 41.58 | 0.01 |
|  | 4 | 7,677 | 42,348 | 1,837,406 | 274,387 | 1,939,382 | 0 | 9,047,659 | 740,929 | 0.85 | 239.34 | 5.52 | 43.39 | 0.00 |
|  | 5 | 7,145 | 37,575 | 1,614,869 | 248,312 | 1,704,671 | 0 | 9,142,454 | 765,733 | 0.78 | 226.01 | 5.26 | 42.98 | 0.00 |
|  | 6 | 6,634 | 34,486 | 1,492,792 | 225,417 | 1,576,233 | 2 | 9,145,300 | 740,654 | 0.73 | 225.02 | 5.20 | 43.29 | 0.01 |
|  | 7 | 5,830 | 30,940 | 1,330,985 | 198,516 | 1,403,808 | 3 | 9,066,698 | 759,265 | 0.64 | 228.30 | 5.31 | 43.02 | 0.02 |
|  | 8 | 6,277 | 32,819 | 1,396,137 | 207,558 | 1,473,640 | 1 | 9,075,446 | 759,583 | 0.69 | 222.42 | 5.23 | 42.54 | 0.01 |
|  | 9 | 5,584 | 29,081 | 1,211,067 | 178,616 | 1,278,233 | 0 | 9,133,885 | 735,666 | 0.61 | 216.88 | 5.21 | 41.64 | 0.00 |
|  | 10 | 5,484 | 27,760 | 1,170,493 | 175,541 | 1,233,884 | 2 | 9,126,730 | 764,308 | 0.60 | 213.44 | 5.06 | 42.16 | 0.02 |
|  | 11 | 5,231 | 26,605 | 1,107,562 | 163,115 | 1,167,050 | 0 | 9,153,053 | 741,040 | 0.57 | 211.73 | 5.09 | 41.63 | 0.00 |
|  | 12 | 5,158 | 25,216 | 1,050,730 | 159,834 | 1,107,863 | 1 | 9,200,855 | 768,826 | 0.56 | 203.71 | 4.89 | 41.67 | 0.01 |
| 2012 | 1 | 5,316 | 29,712 | 1,241,522 | 182,873 | 1,311,154 | 0 | 8,373,097 | 701,417 | 0.63 | 233.54 | 5.59 | 41.79 | 0.00 |
|  | 2 | 5,085 | 27,314 | 1,145,502 | 171,111 | 1,207,098 | 2 | 8,363,326 | 655,788 | 0.61 | 225.27 | 5.37 | 41.94 | 0.02 |
|  | 3 | 4,944 | 25,307 | 1,070,415 | 157,635 | 1,128,706 | 0 | 9,071,445 | 701,716 | 0.55 | 216.51 | 5.12 | 42.30 | 0.00 |
|  | 4 | 6,023 | 28,878 | 1,278,840 | 190,723 | 1,346,561 | 2 | 8,959,179 | 733,846 | 0.67 | 212.33 | 4.79 | 44.28 | 0.01 |
|  | 5 | 5,728 | 26,387 | 1,161,622 | 176,510 | 1,222,849 | 3 | 9,057,810 | 758,408 | 0.63 | 202.80 | 4.61 | 44.02 | 0.02 |
|  | 6 | 4,981 | 23,134 | 1,021,169 | 152,010 | 1,074,503 | 3 | 9,057,900 | 733,822 | 0.55 | 205.01 | 4.64 | 44.14 | 0.03 |
|  | 7 | 4,656 | 20,310 | 881,860 | 133,252 | 932,728 | 2 | 8,987,874 | 752,722 | 0.52 | 189.40 | 4.36 | 43.42 | 0.02 |
|  | 8 | 5,038 | 22,191 | 951,596 | 145,268 | 1,003,658 | 2 | 9,000,785 | 753,659 | 0.56 | 188.88 | 4.40 | 42.88 | 0.02 |
|  | 9 | 4,352 | 18,709 | 793,992 | 118,977 | 838,792 | 2 | 9,073,146 | 729,821 | 0.48 | 182.44 | 4.30 | 42.44 | 0.02 |
|  | 10 | 5,034 | 21,132 | 914,083 | 135,953 | 963,744 | 1 | 9,067,904 | 759,745 | 0.56 | 181.58 | 4.20 | 43.26 | 0.01 |
|  | 11 | 4,606 | 19,353 | 811,340 | 120,845 | 852,461 | 1 | 9,090,320 | 736,089 | 0.51 | 176.15 | 4.20 | 41.92 | 0.01 |
|  | 12 | 4,213 | 17,468 | 735,605 | 109,910 | 776,623 | 1 | 9,125,195 | 763,746 | 0.46 | 174.60 | 4.15 | 42.11 | 0.01 |
| 2013 | 1 | 4,334 | 18,665 | 785,277 | 116,865 | 828,182 | 0 | 8,453,803 | 708,622 | 0.51 | 181.19 | 4.31 | 42.07 | 0.00 |
|  | 2 | 3,975 | 16,866 | 702,682 | 103,936 | 742,213 | 0 | 8,344,029 | 638,011 | 0.48 | 176.78 | 4.24 | 41.66 | 0.00 |
|  | 3 | 3,990 | 16,412 | 678,522 | 101,664 | 718,143 | 0 | 8,340,215 | 705,726 | 0.48 | 170.06 | 4.11 | 41.34 | 0.00 |
|  | 4 | 5,523 | 20,244 | 858,878 | 129,012 | 906,039 | 1 | 9,070,273 | 743,043 | 0.61 | 155.51 | 3.67 | 42.43 | 0.01 |
|  | 5 | 5,266 | 18,050 | 771,120 | 114,474 | 812,198 | 1 | 9,163,187 | 767,847 | 0.57 | 146.43 | 3.43 | 42.72 | 0.01 |
|  | 6 | 4,531 | 15,004 | 629,348 | 95,206 | 665,513 | 0 | 9,169,962 | 742,685 | 0.49 | 138.90 | 3.31 | 41.95 | 0.00 |
|  | 7 | 4,834 | 15,315 | 623,328 | 93,637 | 657,865 | 1 | 9,135,321 | 765,396 | 0.53 | 128.95 | 3.17 | 40.70 | 0.02 |
|  | 8 | 4,915 | 14,404 | 580,912 | 87,793 | 611,121 | 0 | 9,140,717 | 765,912 | 0.54 | 118.19 | 2.93 | 40.33 | 0.00 |
|  | 9 | 4,559 | 12,342 | 484,978 | 74,596 | 510,481 | 0 | 9,295,714 | 741,643 | 0.49 | 106.38 | 2.71 | 39.29 | 0.00 |
|  | 10 | 5,343 | 13,534 | 511,208 | 82,029 | 537,849 | 1 | 9,287,519 | 778,451 | 0.58 | 95.68 | 2.53 | 37.77 | 0.02 |
|  | 11 | 4,523 | 9,698 | 366,820 | 60,689 | 382,211 | 0 | 9,300,812 | 753,710 | 0.49 | 81.10 | 2.14 | 37.82 | 0.00 |


| Year | Month 12 | $\begin{array}{r} \text { Users } \\ 4,205 \\ \hline \end{array}$ | $\begin{gathered} \text { Dispensings } \\ 7,983 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Days Supplied } \\ 268,614 \\ \hline \end{gathered}$ | Amount Supplied 40,723 | Days at Risk $281,375$ | Episodes w/ Events 1 | Eligible <br> Members $9,307,516$ | $\begin{gathered} \text { Member- } \\ \text { Years } \\ 778,486 \\ \hline \end{gathered}$ | Users / 1K <br> Eligible <br> Members $0.45$ | Days Supplied/ User 63.88 | $\begin{gathered} \text { Dispensings / } \\ \text { User } \\ 1.90 \\ \hline \end{gathered}$ | Days Supplied/ Dispensing 33.65 | Episodes w/ <br> Events / 10K <br> Days at Risk $0.04$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 105 | 2,148 | 85,441 | 30,144 | 91,118 | 0 | 209,108 | 14,652 | 0.50 | 813.72 | 20.46 | 39.78 | 0.00 |
|  | 2 | 85 | 1,557 | 65,866 | 9,393 | 70,254 | 0 | 174,049 | 13,199 | 0.49 | 774.89 | 18.32 | 42.30 | 0.00 |
|  | 3 | 90 | 1,964 | 68,399 | 10,330 | 74,389 | 0 | 175,911 | 14,723 | 0.51 | 759.99 | 21.82 | 34.83 | 0.00 |
|  | 4 | 2,278 | 47,196 | 1,958,587 | 404,325 | 2,085,064 | 2 | 3,629,166 | 293,854 | 0.63 | 859.78 | 20.72 | 41.50 | 0.01 |
|  | 5 | 1,819 | 39,394 | 1,571,606 | 280,067 | 1,671,953 | 1 | 3,695,855 | 306,157 | 0.49 | 863.99 | 21.66 | 39.89 | 0.01 |
|  | 6 | 1,851 | 39,469 | 1,544,132 | 324,470 | 1,648,631 | 2 | 3,725,488 | 297,845 | 0.50 | 834.22 | 21.32 | 39.12 | 0.01 |
|  | 7 | 1,721 | 35,536 | 1,419,628 | 272,525 | 1,518,316 | 0 | 3,752,268 | 307,126 | 0.46 | 824.89 | 20.65 | 39.95 | 0.00 |
|  | 8 | 1,931 | 39,825 | 1,553,938 | 284,866 | 1,670,841 | 1 | 3,751,057 | 309,404 | 0.51 | 804.73 | 20.62 | 39.02 | 0.01 |
|  | 9 | 1,781 | 36,625 | 1,417,441 | 297,978 | 1,517,191 | 1 | 3,784,052 | 302,237 | 0.47 | 795.87 | 20.56 | 38.70 | 0.01 |
|  | 10 | 1,773 | 36,650 | 1,451,723 | 278,930 | 1,559,204 | 0 | 3,790,704 | 314,651 | 0.47 | 818.79 | 20.67 | 39.61 | 0.00 |
|  | 11 | 1,689 | 34,449 | 1,336,465 | 276,824 | 1,434,916 | 0 | 3,797,961 | 305,478 | 0.44 | 791.28 | 20.40 | 38.80 | 0.00 |
|  | 12 | 1,479 | 30,258 | 1,174,473 | 198,435 | 1,255,926 | 0 | 3,817,387 | 317,235 | 0.39 | 794.10 | 20.46 | 38.82 | 0.00 |
| 2007 | 1 | 1,865 | 40,609 | 1,546,558 | 325,114 | 1,660,319 | 1 | 3,829,500 | 306,005 | 0.49 | 829.25 | 21.77 | 38.08 | 0.01 |
|  | 2 | 1,644 | 34,463 | 1,338,001 | 241,060 | 1,431,367 | 4 | 3,652,327 | 276,405 | 0.45 | 813.87 | 20.96 | 38.82 | 0.03 |
|  | 3 | 1,609 | 33,003 | 1,298,278 | 236,368 | 1,391,078 | 1 | 3,656,245 | 306,346 | 0.44 | 806.89 | 20.51 | 39.34 | 0.01 |
|  | 4 | 1,662 | 33,929 | 1,328,197 | 279,753 | 1,422,771 | 1 | 3,862,157 | 312,942 | 0.43 | 799.16 | 20.41 | 39.15 | 0.01 |
|  | 5 | 1,648 | 33,020 | 1,300,820 | 234,311 | 1,390,085 | 1 | 3,909,325 | 324,212 | 0.42 | 789.33 | 20.04 | 39.39 | 0.01 |
|  | 6 | 1,492 | 29,323 | 1,170,313 | 197,584 | 1,250,850 | 1 | 3,924,520 | 314,212 | 0.38 | 784.39 | 19.65 | 39.91 | 0.01 |
|  | 7 | 1,462 | 28,297 | 1,141,834 | 214,476 | 1,221,890 | 0 | 3,932,308 | 325,065 | 0.37 | 781.01 | 19.35 | 40.35 | 0.00 |
|  | 8 | 1,591 | 31,780 | 1,241,353 | 196,268 | 1,334,522 | 0 | 5,133,590 | 332,688 | 0.31 | 780.23 | 19.97 | 39.06 | 0.00 |
|  | 9 | 2,155 | 42,810 | 1,700,598 | 268,893 | 1,815,608 | 3 | 5,183,062 | 414,983 | 0.42 | 789.14 | 19.87 | 39.72 | 0.02 |
|  | 10 | 2,374 | 48,238 | 1,840,883 | 297,968 | 1,970,535 | 1 | 5,188,147 | 431,221 | 0.46 | 775.44 | 20.32 | 38.16 | 0.01 |
|  | 11 | 2,237 | 44,765 | 1,743,838 | 306,042 | 1,864,403 | 0 | 5,198,101 | 417,799 | 0.43 | 779.54 | 20.01 | 38.96 | 0.00 |
|  | 12 | 2,167 | 45,411 | 1,734,954 | 279,697 | 1,853,365 | 1 | 5,214,022 | 433,398 | 0.42 | 800.62 | 20.96 | 38.21 | 0.01 |
| 2008 | 1 | 3,086 | 63,693 | 2,511,838 | 385,580 | 2,680,516 | 3 | 5,222,449 | 403,747 | 0.59 | 813.95 | 20.64 | 39.44 | 0.01 |
|  | 2 | 2,721 | 57,716 | 2,243,715 | 366,177 | 2,392,747 | 2 | 4,828,539 | 374,732 | 0.56 | 824.59 | 21.21 | 38.88 | 0.01 |
|  | 3 | 3,053 | 62,840 | 2,528,654 | 402,734 | 2,684,511 | 2 | 7,444,754 | 405,674 | 0.41 | 828.25 | 20.58 | 40.24 | 0.01 |
|  | 4 | 4,825 | 87,784 | 3,834,582 | 652,517 | 4,062,913 | 1 | 7,401,923 | 596,465 | 0.65 | 794.73 | 18.19 | 43.68 | 0.00 |
|  | 5 | 3,970 | 74,107 | 3,118,724 | 471,496 | 3,316,246 | 1 | 7,487,943 | 618,943 | 0.53 | 785.57 | 18.67 | 42.08 | 0.00 |
|  | 6 | 3,655 | 69,028 | 2,875,389 | 437,610 | 3,047,848 | 2 | 7,536,383 | 601,310 | 0.48 | 786.70 | 18.89 | 41.66 | 0.01 |
|  | 7 | 3,640 | 67,166 | 2,791,703 | 485,261 | 2,968,171 | 2 | 7,572,252 | 622,375 | 0.48 | 766.95 | 18.45 | 41.56 | 0.01 |
|  | 8 | 3,462 | 62,654 | 2,601,699 | 436,806 | 2,774,530 | 2 | 7,549,716 | 625,503 | 0.46 | 751.50 | 18.10 | 41.52 | 0.01 |
|  | 9 | 3,481 | 64,698 | 2,659,263 | 434,930 | 2,829,405 | 2 | 7,620,391 | 606,739 | 0.46 | 763.94 | 18.59 | 41.10 | 0.01 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 3,640 | 65,678 | 2,687,700 | 437,265 | 2,861,451 | 4 | 7,627,242 | 630,775 | 0.48 | 738.38 | 18.04 | 40.92 | 0.01 |
|  | 11 | 3,242 | 57,453 | 2,400,497 | 380,616 | 2,550,191 | 6 | 7,622,788 | 611,687 | 0.43 | 740.44 | 17.72 | 41.78 | 0.02 |
|  | 12 | 3,347 | 59,302 | 2,434,630 | 403,038 | 2,590,403 | 4 | 7,654,314 | 635,018 | 0.44 | 727.41 | 17.72 | 41.05 | 0.02 |
| 2009 | 1 | 4,755 | 92,968 | 3,758,801 | 570,202 | 3,982,586 | 2 | 7,664,417 | 579,809 | 0.62 | 790.49 | 19.55 | 40.43 | 0.01 |
|  | 2 | 4,323 | 81,661 | 3,314,439 | 503,962 | 3,519,112 | 3 | 6,899,446 | 520,434 | 0.63 | 766.70 | 18.89 | 40.59 | 0.01 |
|  | 3 | 3,808 | 69,259 | 2,867,858 | 429,273 | 3,043,135 | 4 | 6,876,312 | 574,557 | 0.55 | 753.11 | 18.19 | 41.41 | 0.01 |
|  | 4 | 3,676 | 63,141 | 2,731,160 | 422,492 | 2,896,809 | 1 | 7,368,168 | 594,108 | 0.50 | 742.97 | 17.18 | 43.25 | 0.00 |
|  | 5 | 3,299 | 58,355 | 2,443,607 | 370,335 | 2,594,612 | 0 | 7,429,469 | 612,809 | 0.44 | 740.71 | 17.69 | 41.87 | 0.00 |
|  | 6 | 3,293 | 56,486 | 2,435,852 | 366,413 | 2,584,951 | 3 | 7,441,450 | 594,280 | 0.44 | 739.71 | 17.15 | 43.12 | 0.01 |
|  | 7 | 3,069 | 54,491 | 2,281,300 | 355,125 | 2,418,887 | 3 | 7,442,254 | 612,895 | 0.41 | 743.34 | 17.76 | 41.87 | 0.01 |
|  | 8 | 2,969 | 52,916 | 2,146,756 | 315,350 | 2,282,309 | 0 | 7,394,247 | 612,467 | 0.40 | 723.06 | 17.82 | 40.57 | 0.00 |
|  | 9 | 2,884 | 49,873 | 2,070,302 | 333,200 | 2,201,624 | 0 | 7,430,863 | 592,543 | 0.39 | 717.86 | 17.29 | 41.51 | 0.00 |
|  | 10 | 2,815 | 47,910 | 2,024,459 | 324,008 | 2,150,585 | 0 | 7,422,571 | 613,913 | 0.38 | 719.17 | 17.02 | 42.26 | 0.00 |
|  | 11 | 2,492 | 42,944 | 1,740,899 | 271,368 | 1,852,931 | 1 | 7,397,287 | 594,458 | 0.34 | 698.60 | 17.23 | 40.54 | 0.01 |
|  | 12 | 2,595 | 44,319 | 1,834,615 | 277,626 | 1,944,070 | 1 | 7,421,676 | 615,913 | 0.35 | 706.98 | 17.08 | 41.40 | 0.01 |
| 2010 | 1 | 2,625 | 46,003 | 1,923,099 | 291,448 | 2,037,539 | 2 | 7,418,143 | 560,903 | 0.35 | 732.61 | 17.52 | 41.80 | 0.01 |
|  | 2 | 2,302 | 40,970 | 1,688,106 | 249,721 | 1,788,709 | 3 | 6,662,223 | 503,349 | 0.35 | 733.32 | 17.80 | 41.20 | 0.02 |
|  | 3 | 2,324 | 40,691 | 1,686,807 | 254,866 | 1,791,797 | 1 | 6,643,326 | 556,303 | 0.35 | 725.82 | 17.51 | 41.45 | 0.01 |
|  | 4 | 2,521 | 40,959 | 1,799,211 | 267,727 | 1,907,238 | 2 | 7,224,391 | 584,683 | 0.35 | 713.69 | 16.25 | 43.93 | 0.01 |
|  | 5 | 2,468 | 40,835 | 1,764,127 | 260,524 | 1,869,854 | 2 | 7,305,113 | 605,448 | 0.34 | 714.80 | 16.55 | 43.20 | 0.01 |
|  | 6 | 2,423 | 39,702 | 1,722,131 | 260,491 | 1,827,235 | 1 | 7,343,331 | 587,273 | 0.33 | 710.74 | 16.39 | 43.38 | 0.01 |
|  | 7 | 2,236 | 36,683 | 1,578,623 | 236,443 | 1,672,492 | 1 | 7,344,337 | 604,770 | 0.30 | 706.00 | 16.41 | 43.03 | 0.01 |
|  | 8 | 2,317 | 37,670 | 1,628,474 | 244,283 | 1,720,830 | 0 | 7,285,823 | 604,673 | 0.32 | 702.84 | 16.26 | 43.23 | 0.00 |
|  | 9 | 2,087 | 33,623 | 1,421,429 | 216,130 | 1,508,774 | 1 | 7,321,368 | 585,287 | 0.29 | 681.09 | 16.11 | 42.28 | 0.01 |
|  | 10 | 2,060 | 33,536 | 1,433,649 | 217,214 | 1,519,027 | 0 | 7,315,198 | 606,997 | 0.28 | 695.95 | 16.28 | 42.75 | 0.00 |
|  | 11 | 1,997 | 32,679 | 1,361,587 | 200,237 | 1,444,137 | 2 | 7,310,691 | 587,976 | 0.27 | 681.82 | 16.36 | 41.67 | 0.01 |
|  | 12 | 1,835 | 29,925 | 1,241,651 | 183,587 | 1,316,044 | 1 | 7,335,032 | 609,608 | 0.25 | 676.65 | 16.31 | 41.49 | 0.01 |
| 2011 | 1 | 2,145 | 35,095 | 1,503,754 | 224,181 | 1,591,114 | 0 | 7,336,366 | 559,092 | 0.29 | 701.05 | 16.36 | 42.85 | 0.00 |
|  | 2 | 1,891 | 31,672 | 1,309,391 | 196,009 | 1,389,295 | 0 | 6,643,053 | 502,686 | 0.28 | 692.43 | 16.75 | 41.34 | 0.00 |
|  | 3 | 2,060 | 33,482 | 1,426,468 | 208,447 | 1,507,488 | 1 | 6,640,971 | 555,760 | 0.31 | 692.46 | 16.25 | 42.60 | 0.01 |
|  | 4 | 2,262 | 34,330 | 1,521,601 | 225,832 | 1,608,875 | 0 | 7,163,624 | 580,229 | 0.32 | 672.68 | 15.18 | 44.32 | 0.00 |
|  | 5 | 2,107 | 32,062 | 1,390,270 | 214,525 | 1,471,298 | 0 | 7,219,274 | 599,668 | 0.29 | 659.83 | 15.22 | 43.36 | 0.00 |
|  | 6 | 1,980 | 29,115 | 1,282,963 | 192,747 | 1,358,102 | 0 | 7,225,821 | 580,319 | 0.27 | 647.96 | 14.70 | 44.07 | 0.00 |
|  | 7 | 1,803 | 26,978 | 1,174,627 | 173,179 | 1,243,467 | 0 | 7,227,957 | 595,254 | 0.25 | 651.48 | 14.96 | 43.54 | 0.00 |
|  | 8 | 1,963 | 28,735 | 1,252,316 | 183,992 | 1,324,581 | 0 | 7,173,381 | 595,698 | 0.27 | 637.96 | 14.64 | 43.58 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 1,754 | 26,290 | 1,101,134 | 160,955 | 1,169,735 | 0 | 7,230,572 | 577,164 | 0.24 | 627.78 | 14.99 | 41.88 | 0.00 |
| 2012 | 10 | 1,701 | 24,406 | 1,061,447 | 158,425 | 1,124,447 | 0 | 7,232,115 | 600,209 | 0.24 | 624.01 | 14.35 | 43.49 | 0.00 |
|  | 11 | 1,684 | 24,074 | 1,021,600 | 150,137 | 1,083,904 | 0 | 7,237,173 | 581,712 | 0.23 | 606.65 | 14.30 | 42.44 | 0.00 |
|  | 12 | 1,642 | 23,137 | 968,908 | 144,718 | 1,030,423 | 0 | 7,268,218 | 603,374 | 0.23 | 590.08 | 14.09 | 41.88 | 0.00 |
|  | 1 | 1,892 | 26,841 | 1,145,184 | 167,363 | 1,214,518 | 0 | 7,277,378 | 567,715 | 0.26 | 605.28 | 14.19 | 42.67 | 0.00 |
|  | 2 | 1,672 | 23,729 | 1,008,241 | 149,315 | 1,066,922 | 0 | 6,795,241 | 527,423 | 0.25 | 603.01 | 14.19 | 42.49 | 0.00 |
|  | 3 | 1,639 | 22,280 | 954,609 | 139,316 | 1,012,053 | 1 | 7,311,976 | 564,453 | 0.22 | 582.43 | 13.59 | 42.85 | 0.01 |
| 2013 | 4 | 1,801 | 23,144 | 1,025,415 | 153,027 | 1,084,417 | 1 | 7,249,232 | 587,071 | 0.25 | 569.36 | 12.85 | 44.31 | 0.01 |
|  | 5 | 1,692 | 21,076 | 931,655 | 139,397 | 984,791 | 1 | 7,308,561 | 607,118 | 0.23 | 550.62 | 12.46 | 44.20 | 0.01 |
|  | 6 | 1,613 | 19,672 | 871,603 | 130,482 | 922,108 | 3 | 7,316,782 | 587,798 | 0.22 | 540.36 | 12.20 | 44.31 | 0.03 |
|  | 7 | 1,405 | 16,437 | 722,024 | 109,413 | 767,198 | 0 | 7,319,953 | 605,454 | 0.19 | 513.90 | 11.70 | 43.93 | 0.00 |
|  | 8 | 1,654 | 18,680 | 821,262 | 124,127 | 872,111 | 2 | 7,296,815 | 606,091 | 0.23 | 496.53 | 11.29 | 43.96 | 0.02 |
|  | 9 | 1,432 | 15,905 | 686,561 | 101,402 | 730,157 | 2 | 7,366,940 | 586,948 | 0.19 | 479.44 | 11.11 | 43.17 | 0.03 |
|  | 10 | 1,709 | 17,863 | 783,907 | 117,143 | 831,373 | 1 | 7,362,703 | 611,365 | 0.23 | 458.69 | 10.45 | 43.88 | 0.01 |
|  | 11 | 1,567 | 16,147 | 687,526 | 100,839 | 729,454 | 1 | 7,367,226 | 592,048 | 0.21 | 438.75 | 10.30 | 42.58 | 0.01 |
|  | 12 | 1,520 | 14,655 | 633,447 | 94,027 | 672,228 | 0 | 7,382,766 | 611,813 | 0.21 | 416.74 | 9.64 | 43.22 | 0.00 |
|  | 1 | 1,591 | 14,528 | 635,287 | 94,342 | 672,904 | 0 | 7,350,438 | 525,517 | 0.22 | 399.30 | 9.13 | 43.73 | 0.00 |
|  | 2 | 673 | 7,180 | 281,225 | 41,220 | 300,237 | 0 | 6,223,609 | 346,724 | 0.11 | 417.87 | 10.67 | 39.17 | 0.00 |
|  | 3 | 657 | 6,986 | 262,073 | 39,031 | 279,565 | 0 | 4,523,737 | 377,513 | 0.15 | 398.89 | 10.63 | 37.51 | 0.00 |
|  | 4 | 707 | 6,843 | 267,264 | 40,063 | 284,879 | 0 | 4,792,123 | 386,275 | 0.15 | 378.03 | 9.68 | 39.06 | 0.00 |
|  | 5 | 298 | 2,808 | 113,688 | 16,480 | 121,186 | 0 | 4,754,123 | 167,636 | 0.06 | 381.50 | 9.42 | 40.49 | 0.00 |
|  | 6 | 257 | 2,326 | 91,075 | 13,742 | 97,537 | 0 | 1,941,552 | 154,607 | 0.13 | 354.38 | 9.05 | 39.16 | 0.00 |
|  | 7 | 16 | 121 | 5,586 | 945 | 5,840 | 0 | 1,909,356 | 5,228 | 0.01 | 349.13 | 7.56 | 46.17 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 46 | 1,367 | 58,532 | 26,306 | 61,162 | 0 | 152,352 | 11,885 | 0.30 | 1,272.43 | 29.72 | 42.82 | 0.00 |
|  | 2 | 34 | 982 | 41,129 | 5,864 | 43,295 | 0 | 141,615 | 10,746 | 0.24 | 1,209.68 | 28.88 | 41.88 | 0.00 |
|  | 3 | 36 | 1,220 | 42,988 | 6,420 | 45,855 | 0 | 142,780 | 11,944 | 0.25 | 1,194.11 | 33.89 | 35.24 | 0.00 |
|  | 4 | 1,148 | 34,117 | 1,413,187 | 284,365 | 1,491,652 | 1 | 3,007,955 | 244,024 | 0.38 | 1,231.00 | 29.72 | 41.42 | 0.01 |
|  | 5 | 924 | 28,259 | 1,146,205 | 186,264 | 1,205,254 | 1 | 3,064,648 | 253,884 | 0.30 | 1,240.48 | 30.58 | 40.56 | 0.01 |
|  | 6 | 912 | 27,975 | 1,108,220 | 237,570 | 1,169,723 | 2 | 3,083,752 | 246,873 | 0.30 | 1,215.15 | 30.67 | 39.61 | 0.02 |




Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 16 | 676 | 28,746 | 22,058 | 29,632 | 0 | 109,148 | 8,829 | 0.15 | 1,796.63 | 42.25 | 42.52 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 20,343 | 0 | 105,088 | 7,994 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 8 | 445 | 15,269 | 2,176 | 16,235 | 0 | 105,936 | 8,905 | 0.08 | 1,908.63 | 55.63 | 34.31 | 0.00 |
|  | 4 | 359 | 15,366 | 656,487 | 153,606 | 683,022 | 0 | 2,010,002 | 162,934 | 0.18 | 1,828.65 | 42.80 | 42.72 | 0.00 |
|  | 5 | 295 | 13,238 | 549,562 | 84,847 | 570,443 | 0 | 2,042,450 | 169,873 | 0.14 | 1,862.92 | 44.87 | 41.51 | 0.00 |
|  | 6 | 257 | 11,872 | 482,294 | 110,018 | 501,678 | 0 | 2,059,091 | 165,095 | 0.12 | 1,876.63 | 46.19 | 40.62 | 0.00 |
|  | 7 | 256 | 11,557 | 461,938 | 69,258 | 482,214 | 0 | 2,072,524 | 170,941 | 0.12 | 1,804.45 | 45.14 | 39.97 | 0.00 |
|  | 8 | 239 | 10,689 | 437,020 | 82,879 | 459,097 | 1 | 2,081,745 | 172,230 | 0.11 | 1,828.54 | 44.72 | 40.89 | 0.02 |
|  | 9 | 217 | 10,090 | 401,994 | 60,721 | 418,011 | 1 | 2,099,523 | 168,291 | 0.10 | 1,852.51 | 46.50 | 39.84 | 0.02 |
|  | 10 | 255 | 11,120 | 459,005 | 72,754 | 481,067 | 0 | 2,100,849 | 174,873 | 0.12 | 1,800.02 | 43.61 | 41.28 | 0.00 |
|  | 11 | 212 | 9,209 | 372,497 | 67,701 | 388,770 | 0 | 2,099,464 | 169,540 | 0.10 | 1,757.06 | 43.44 | 40.45 | 0.00 |
|  | 12 | 183 | 8,261 | 338,758 | 56,894 | 351,572 | 0 | 2,108,074 | 175,860 | 0.09 | 1,851.14 | 45.14 | 41.01 | 0.00 |
| 2007 | 1 | 256 | 12,021 | 463,403 | 103,030 | 485,365 | 1 | 2,112,723 | 168,336 | 0.12 | 1,810.17 | 46.96 | 38.55 | 0.02 |
|  | 2 | 211 | 9,622 | 379,125 | 55,406 | 397,407 | 0 | 2,002,893 | 151,924 | 0.11 | 1,796.80 | 45.60 | 39.40 | 0.00 |
|  | 3 | 195 | 8,711 | 351,706 | 57,256 | 367,611 | 0 | 2,004,622 | 168,224 | 0.10 | 1,803.62 | 44.67 | 40.37 | 0.00 |
|  | 4 | 186 | 8,583 | 337,056 | 56,321 | 352,169 | 0 | 2,091,348 | 169,803 | 0.09 | 1,812.13 | 46.15 | 39.27 | 0.00 |
|  | 5 | 193 | 8,592 | 345,189 | 53,808 | 359,203 | 1 | 2,108,893 | 175,945 | 0.09 | 1,788.54 | 44.52 | 40.18 | 0.03 |
|  | 6 | 167 | 7,325 | 298,389 | 42,486 | 311,603 | 0 | 2,121,008 | 170,738 | 0.08 | 1,786.76 | 43.86 | 40.74 | 0.00 |
|  | 7 | 164 | 6,563 | 292,826 | 43,076 | 303,900 | 0 | 2,127,579 | 175,765 | 0.08 | 1,785.52 | 40.02 | 44.62 | 0.00 |
|  | 8 | 195 | 8,382 | 341,536 | 50,099 | 356,875 | 0 | 2,749,015 | 179,744 | 0.07 | 1,751.47 | 42.98 | 40.75 | 0.00 |
|  | 9 | 264 | 11,442 | 478,187 | 71,008 | 495,486 | 1 | 2,770,492 | 222,835 | 0.10 | 1,811.31 | 43.34 | 41.79 | 0.02 |
|  | 10 | 264 | 12,122 | 470,971 | 69,663 | 492,489 | 0 | 2,772,193 | 231,382 | 0.10 | 1,783.98 | 45.92 | 38.85 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 254 | 11,244 | 458,597 | 66,653 | 476,596 | 0 | 2,778,759 | 224,252 | 0.09 | 1,805.50 | 44.27 | 40.79 | 0.00 |
|  | 12 | 294 | 13,697 | 523,972 | 77,825 | 546,571 | 0 | 2,786,807 | 232,613 | 0.11 | 1,782.22 | 46.59 | 38.25 | 0.00 |
| 2008 | 1 | 384 | 16,235 | 683,970 | 98,614 | 711,768 | 1 | 2,790,557 | 217,609 | 0.14 | 1,781.17 | 42.28 | 42.13 | 0.01 |
|  | 2 | 353 | 16,263 | 642,893 | 94,654 | 671,026 | 1 | 2,600,377 | 203,133 | 0.14 | 1,821.23 | 46.07 | 39.53 | 0.01 |
|  | 3 | 383 | 16,358 | 685,253 | 100,632 | 709,923 | 1 | 3,641,585 | 219,798 | 0.11 | 1,789.17 | 42.71 | 41.89 | 0.01 |
|  | 4 | 509 | 21,186 | 914,266 | 142,484 | 949,371 | 0 | 3,628,768 | 294,714 | 0.14 | 1,796.20 | 41.62 | 43.15 | 0.00 |
|  | 5 | 424 | 17,932 | 761,158 | 113,167 | 790,989 | 0 | 3,677,816 | 305,920 | 0.12 | 1,795.18 | 42.29 | 42.45 | 0.00 |
|  | 6 | 397 | 16,950 | 703,717 | 104,395 | 730,115 | 0 | 3,702,080 | 297,122 | 0.11 | 1,772.59 | 42.70 | 41.52 | 0.00 |
|  | 7 | 363 | 14,728 | 638,441 | 93,749 | 662,922 | 0 | 3,723,213 | 306,447 | 0.10 | 1,758.79 | 40.57 | 43.35 | 0.00 |
|  | 8 | 341 | 14,086 | 591,295 | 85,880 | 616,428 | 1 | 3,697,804 | 308,312 | 0.09 | 1,734.00 | 41.31 | 41.98 | 0.02 |
|  | 9 | 383 | 16,304 | 665,990 | 103,155 | 692,529 | 1 | 3,720,071 | 298,818 | 0.10 | 1,738.88 | 42.57 | 40.85 | 0.01 |
|  | 10 | 360 | 15,228 | 630,773 | 92,429 | 655,003 | 0 | 3,721,122 | 310,194 | 0.10 | 1,752.15 | 42.30 | 41.42 | 0.00 |
|  | 11 | 344 | 13,556 | 590,440 | 88,345 | 613,479 | 0 | 3,726,543 | 300,660 | 0.09 | 1,716.40 | 39.41 | 43.56 | 0.00 |
|  | 12 | 323 | 13,131 | 551,939 | 82,156 | 572,731 | 0 | 3,738,518 | 311,878 | 0.09 | 1,708.79 | 40.65 | 42.03 | 0.00 |
| 2009 | 1 | 571 | 23,921 | 978,825 | 144,249 | 1,013,953 | 0 | 3,744,999 | 297,669 | 0.15 | 1,714.23 | 41.89 | 40.92 | 0.00 |
|  | 2 | 474 | 19,078 | 803,821 | 118,713 | 836,557 | 0 | 3,538,308 | 267,756 | 0.13 | 1,695.82 | 40.25 | 42.13 | 0.00 |
|  | 3 | 419 | 16,857 | 700,197 | 103,490 | 728,379 | 0 | 3,528,700 | 296,139 | 0.12 | 1,671.11 | 40.23 | 41.54 | 0.00 |
|  | 4 | 383 | 14,140 | 636,010 | 94,927 | 661,492 | 0 | 3,735,622 | 303,326 | 0.10 | 1,660.60 | 36.92 | 44.98 | 0.00 |
|  | 5 | 362 | 13,944 | 593,301 | 87,284 | 616,428 | 0 | 3,776,732 | 314,380 | 0.10 | 1,638.95 | 38.52 | 42.55 | 0.00 |
|  | 6 | 339 | 11,851 | 550,635 | 79,697 | 569,917 | 1 | 3,800,953 | 305,340 | 0.09 | 1,624.29 | 34.96 | 46.46 | 0.02 |
|  | 7 | 354 | 13,348 | 567,321 | 89,024 | 589,719 | 0 | 3,805,455 | 316,112 | 0.09 | 1,602.60 | 37.71 | 42.50 | 0.00 |
|  | 8 | 326 | 12,514 | 512,479 | 74,380 | 533,364 | 0 | 3,794,519 | 316,674 | 0.09 | 1,572.02 | 38.39 | 40.95 | 0.00 |
|  | 9 | 299 | 11,007 | 466,678 | 69,818 | 484,226 | 0 | 3,823,595 | 306,781 | 0.08 | 1,560.80 | 36.81 | 42.40 | 0.00 |
|  | 10 | 320 | 11,255 | 491,331 | 75,233 | 509,738 | 0 | 3,824,968 | 318,899 | 0.08 | 1,535.41 | 35.17 | 43.65 | 0.00 |
|  | 11 | 266 | 9,367 | 402,628 | 58,641 | 417,423 | 0 | 3,825,348 | 309,020 | 0.07 | 1,513.64 | 35.21 | 42.98 | 0.00 |
|  | 12 | 310 | 11,087 | 460,331 | 65,637 | 479,017 | 0 | 3,840,037 | 319,382 | 0.08 | 1,484.94 | 35.76 | 41.52 | 0.00 |
| 2010 | 1 | 276 | 9,424 | 406,468 | 59,852 | 420,764 | 0 | 3,826,337 | 278,993 | 0.07 | 1,472.71 | 34.14 | 43.13 | 0.00 |
|  | 2 | 123 | 4,596 | 183,389 | 26,044 | 188,895 | 2 | 3,297,855 | 190,418 | 0.04 | 1,490.97 | 37.37 | 39.90 | 0.11 |
|  | 3 | 130 | 4,524 | 190,436 | 28,233 | 197,830 | 0 | 2,478,733 | 207,312 | 0.05 | 1,464.89 | 34.80 | 42.09 | 0.00 |
|  | 4 | 111 | 3,840 | 160,026 | 22,754 | 165,211 | 1 | 2,615,681 | 211,265 | 0.04 | 1,441.68 | 34.59 | 41.67 | 0.06 |
|  | 5 | 30 | 949 | 42,952 | 8,676 | 44,971 | 0 | 2,592,205 | 80,391 | 0.01 | 1,431.73 | 31.63 | 45.26 | 0.00 |
|  | 6 | 33 | 1,080 | 46,703 | 7,831 | 48,699 | 0 | 913,583 | 73,305 | 0.04 | 1,415.24 | 32.73 | 43.24 | 0.00 |
|  | 7 | 1 | 51 | 1,418 | 203 | 1,461 | 0 | 902,027 | 2,470 | 0.00 | 1,418.00 | 51.00 | 27.80 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | - |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 351 | 14,494 | 20,022 | 15,083 | 0 | 96,209 | 7,677 | 0.07 | 2,070.57 | 50.14 | 41.29 | 0.00 |
|  | 2 | 5 | 278 | 11,662 | 1,663 | 11,847 | 0 | 91,257 | 6,936 | 0.05 | 2,332.40 | 55.60 | 41.95 | 0.00 |
|  | 3 | 3 | 217 | 7,799 | 1,112 | 8,270 | 0 | 91,719 | 7,721 | 0.03 | 2,599.67 | 72.33 | 35.94 | 0.00 |
|  | 4 | 172 | 8,560 | 365,238 | 97,606 | 379,397 | 0 | 1,686,631 | 136,971 | 0.10 | 2,123.48 | 49.77 | 42.67 | 0.00 |
|  | 5 | 146 | 7,450 | 318,074 | 47,735 | 329,294 | 0 | 1,716,072 | 142,901 | 0.09 | 2,178.59 | 51.03 | 42.69 | 0.00 |
|  | 6 | 135 | 7,128 | 291,238 | 49,489 | 302,228 | 0 | 1,730,976 | 139,103 | 0.08 | 2,157.32 | 52.80 | 40.86 | 0.00 |
|  | 7 | 110 | 5,962 | 236,945 | 33,697 | 246,064 | 0 | 1,745,392 | 143,564 | 0.06 | 2,154.05 | 54.20 | 39.74 | 0.00 |
|  | 8 | 115 | 5,977 | 248,102 | 35,349 | 258,853 | 0 | 1,747,396 | 144,745 | 0.07 | 2,157.41 | 51.97 | 41.51 | 0.00 |
|  | 9 | 103 | 5,427 | 223,767 | 33,946 | 231,773 | 1 | 1,763,111 | 141,512 | 0.06 | 2,172.50 | 52.69 | 41.23 | 0.04 |
|  | 10 | 124 | 5,906 | 259,794 | 37,005 | 270,590 | 0 | 1,764,781 | 147,250 | 0.07 | 2,095.11 | 47.63 | 43.99 | 0.00 |
|  | 11 | 89 | 4,475 | 183,117 | 33,233 | 189,580 | 0 | 1,766,319 | 142,745 | 0.05 | 2,057.49 | 50.28 | 40.92 | 0.00 |
|  | 12 | 85 | 4,331 | 185,223 | 32,398 | 191,545 | 0 | 1,773,029 | 147,869 | 0.05 | 2,179.09 | 50.95 | 42.77 | 0.00 |
| 2007 | 1 | 120 | 6,403 | 254,921 | 43,688 | 264,341 | 0 | 1,774,443 | 138,272 | 0.07 | 2,124.34 | 53.36 | 39.81 | 0.00 |
|  | 2 | 94 | 5,029 | 199,054 | 28,385 | 207,360 | 0 | 1,643,229 | 124,504 | 0.06 | 2,117.60 | 53.50 | 39.58 | 0.00 |
|  | 3 | 86 | 4,449 | 182,682 | 31,743 | 189,566 | 0 | 1,641,981 | 137,738 | 0.05 | 2,124.21 | 51.73 | 41.06 | 0.00 |
|  | 4 | 83 | 4,757 | 177,591 | 29,271 | 185,600 | 0 | 1,701,234 | 138,051 | 0.05 | 2,139.65 | 57.31 | 37.33 | 0.00 |
|  | 5 | 83 | 4,185 | 171,940 | 29,148 | 178,299 | 1 | 1,712,816 | 142,847 | 0.05 | 2,071.57 | 50.42 | 41.08 | 0.06 |
|  | 6 | 76 | 3,826 | 157,302 | 22,413 | 163,410 | 0 | 1,719,735 | 138,378 | 0.04 | 2,069.76 | 50.34 | 41.11 | 0.00 |
|  | 7 | 66 | 3,038 | 141,353 | 20,152 | 145,569 | 0 | 1,721,141 | 141,817 | 0.04 | 2,141.71 | 46.03 | 46.53 | 0.00 |
|  | 8 | 87 | 4,129 | 175,905 | 25,188 | 182,696 | 0 | 2,262,831 | 145,068 | 0.04 | 2,021.90 | 47.46 | 42.60 | 0.00 |
|  | 9 | 131 | 6,418 | 273,686 | 40,586 | 282,215 | 1 | 2,279,293 | 183,386 | 0.06 | 2,089.21 | 48.99 | 42.64 | 0.04 |
|  | 10 | 119 | 6,469 | 249,051 | 35,406 | 258,223 | 0 | 2,278,507 | 190,382 | 0.05 | 2,092.87 | 54.36 | 38.50 | 0.00 |
|  | 11 | 123 | 6,319 | 256,042 | 37,466 | 264,875 | 0 | 2,285,359 | 184,440 | 0.05 | 2,081.64 | 51.37 | 40.52 | 0.00 |
|  | 12 | 134 | 7,175 | 276,582 | 40,853 | 287,085 | 0 | 2,290,339 | 191,479 | 0.06 | 2,064.04 | 53.54 | 38.55 | 0.00 |
| 2008 | 1 | 177 | 8,435 | 362,355 | 51,521 | 375,070 | 1 | 2,295,920 | 184,178 | 0.08 | 2,047.20 | 47.66 | 42.96 | 0.03 |
|  | 2 | 198 | 10,287 | 402,231 | 58,988 | 418,126 | 1 | 2,197,672 | 171,569 | 0.09 | 2,031.47 | 51.95 | 39.10 | 0.02 |
|  | 3 | 182 | 8,846 | 369,916 | 54,314 | 381,392 | 1 | 3,051,775 | 185,435 | 0.06 | 2,032.51 | 48.60 | 41.82 | 0.03 |
|  | 4 | 262 | 12,638 | 529,076 | 78,981 | 547,220 | 0 | 3,041,009 | 247,013 | 0.09 | 2,019.37 | 48.24 | 41.86 | 0.00 |
|  | 5 | 220 | 10,337 | 441,847 | 66,320 | 457,642 | 0 | 3,078,908 | 256,461 | 0.07 | 2,008.40 | 46.99 | 42.74 | 0.00 |
|  | 6 | 202 | 9,823 | 399,283 | 59,746 | 412,693 | 0 | 3,100,617 | 249,183 | 0.07 | 1,976.65 | 48.63 | 40.65 | 0.00 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | -- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | - | --- | -- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | -- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 820 | 4,606 | 184,607 | 49,721 | 267,533 | 0 | 237,401 | 19,835 | 3.45 | 225.13 | 5.62 | 40.08 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 195,717 | 2 | 235,688 | 17,959 | 2.74 | 197.12 | 4.84 | 40.70 | 0.10 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | 1 | 5,316 | 29,712 | 1,241,522 | 182,873 | 1,864,586 | 0 | 8,373,097 | 701,417 | 0.63 | 233.54 | 5.59 | 41.79 | 0.00 |
|  | 2 | 5,085 | 27,314 | 1,145,502 | 171,111 | 1,730,253 | 2 | 8,363,326 | 655,788 | 0.61 | 225.27 | 5.37 | 41.94 | 0.01 |
|  | 3 | 4,944 | 25,307 | 1,070,415 | 157,635 | 1,657,084 | 0 | 9,071,445 | 701,716 | 0.55 | 216.51 | 5.12 | 42.30 | 0.00 |
|  | 4 | 6,023 | 28,878 | 1,278,840 | 190,723 | 1,959,669 | 2 | 8,959,179 | 733,846 | 0.67 | 212.33 | 4.79 | 44.28 | 0.01 |
|  | 5 | 5,728 | 26,387 | 1,161,622 | 176,510 | 1,802,912 | 4 | 9,057,810 | 758,408 | 0.63 | 202.80 | 4.61 | 44.02 | 0.02 |
|  | 6 | 4,981 | 23,134 | 1,021,169 | 152,010 | 1,559,842 | 3 | 9,057,900 | 733,822 | 0.55 | 205.01 | 4.64 | 44.14 | 0.02 |
|  | 7 | 4,656 | 20,310 | 881,860 | 133,252 | 1,390,176 | 2 | 8,987,874 | 752,722 | 0.52 | 189.40 | 4.36 | 43.42 | 0.01 |
|  | 8 | 5,038 | 22,191 | 951,596 | 145,268 | 1,485,425 | 2 | 9,000,785 | 753,659 | 0.56 | 188.88 | 4.40 | 42.88 | 0.01 |
|  | 9 | 4,352 | 18,709 | 793,992 | 118,977 | 1,232,879 | 2 | 9,073,146 | 729,821 | 0.48 | 182.44 | 4.30 | 42.44 | 0.02 |
|  | 10 | 5,034 | 21,132 | 914,083 | 135,953 | 1,422,659 | 3 | 9,067,904 | 759,745 | 0.56 | 181.58 | 4.20 | 43.26 | 0.02 |
|  | 11 | 4,606 | 19,353 | 811,340 | 120,845 | 1,255,318 | 1 | 9,090,320 | 736,089 | 0.51 | 176.15 | 4.20 | 41.92 | 0.01 |
|  | 12 | 4,213 | 17,468 | 735,605 | 109,910 | 1,132,690 | 2 | 9,125,195 | 763,746 | 0.46 | 174.60 | 4.15 | 42.11 | 0.02 |
| 2013 | 1 | 4,334 | 18,665 | 785,277 | 116,865 | 1,223,143 | 0 | 8,453,803 | 708,622 | 0.51 | 181.19 | 4.31 | 42.07 | 0.00 |
|  | 2 | 3,975 | 16,866 | 702,682 | 103,936 | 1,085,666 | 0 | 8,344,029 | 638,011 | 0.48 | 176.78 | 4.24 | 41.66 | 0.00 |
|  | 3 | 3,990 | 16,412 | 678,522 | 101,664 | 1,056,592 | 0 | 8,340,215 | 705,726 | 0.48 | 170.06 | 4.11 | 41.34 | 0.00 |
|  | 4 | 5,523 | 20,244 | 858,878 | 129,012 | 1,371,588 | 1 | 9,070,273 | 743,043 | 0.61 | 155.51 | 3.67 | 42.43 | 0.01 |
|  | 5 | 5,266 | 18,050 | 771,120 | 114,474 | 1,234,973 | 1 | 9,163,187 | 767,847 | 0.57 | 146.43 | 3.43 | 42.72 | 0.01 |
|  | 6 | 4,531 | 15,004 | 629,348 | 95,206 | 994,906 | 0 | 9,169,962 | 742,685 | 0.49 | 138.90 | 3.31 | 41.95 | 0.00 |
|  | 7 | 4,834 | 15,315 | 623,328 | 93,637 | 982,894 | 2 | 9,135,321 | 765,396 | 0.53 | 128.95 | 3.17 | 40.70 | 0.02 |
|  | 8 | 4,915 | 14,404 | 580,912 | 87,793 | 891,342 | 0 | 9,140,717 | 765,912 | 0.54 | 118.19 | 2.93 | 40.33 | 0.00 |
|  | 9 | 4,559 | 12,342 | 484,978 | 74,596 | 732,914 | 1 | 9,295,714 | 741,643 | 0.49 | 106.38 | 2.71 | 39.29 | 0.01 |
|  | 10 | 5,343 | 13,534 | 511,208 | 82,029 | 737,590 | 1 | 9,287,519 | 778,451 | 0.58 | 95.68 | 2.53 | 37.77 | 0.01 |
|  | 11 | 4,523 | 9,698 | 366,820 | 60,689 | 510,696 | 0 | 9,300,812 | 753,710 | 0.49 | 81.10 | 2.14 | 37.82 | 0.00 |
|  | 12 | 4,205 | 7,983 | 268,614 | 40,723 | 367,051 | 1 | 9,307,516 | 778,486 | 0.45 | 63.88 | 1.90 | 33.65 | 0.03 |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 53 | 1,498 | 62,674 | 26,894 | 71,207 | 0 | 152,352 | 11,885 | 0.35 | 1,182.53 | 28.26 | 41.84 | 0.00 |
|  | 2 | 41 | 1,065 | 45,587 | 6,500 | 51,882 | 0 | 141,608 | 10,745 | 0.29 | 1,111.88 | 25.98 | 42.80 | 0.00 |
|  | 3 | 48 | 1,451 | 50,188 | 7,448 | 59,779 | 0 | 142,766 | 11,943 | 0.34 | 1,045.58 | 30.23 | 34.59 | 0.00 |
|  | 4 | 1,348 | 36,933 | 1,536,001 | 321,273 | 1,761,051 | 2 | 3,007,929 | 244,014 | 0.45 | 1,139.47 | 27.40 | 41.59 | 0.01 |
|  | 5 | 1,059 | 30,355 | 1,227,302 | 212,779 | 1,401,805 | 1 | 3,064,422 | 253,859 | 0.35 | 1,158.93 | 28.66 | 40.43 | 0.01 |
|  | 6 | 1,054 | 30,335 | 1,194,718 | 257,524 | 1,372,488 | 2 | 3,083,392 | 246,838 | 0.34 | 1,133.51 | 28.78 | 39.38 | 0.01 |
|  | 7 | 958 | 26,942 | 1,081,402 | 186,128 | 1,243,888 | 0 | 3,104,523 | 256,070 | 0.31 | 1,128.81 | 28.12 | 40.14 | 0.00 |
|  | 8 | 1,088 | 30,183 | 1,188,690 | 202,243 | 1,375,515 | 1 | 3,121,780 | 258,164 | 0.35 | 1,092.55 | 27.74 | 39.38 | 0.01 |
|  | 9 | 1,017 | 28,154 | 1,084,528 | 211,737 | 1,258,300 | 2 | 3,150,594 | 252,353 | 0.32 | 1,066.40 | 27.68 | 38.52 | 0.02 |
|  | 10 | 1,030 | 28,240 | 1,126,793 | 199,449 | 1,305,651 | 0 | 3,157,196 | 262,764 | 0.33 | 1,093.97 | 27.42 | 39.90 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $11$ | $959$ | $26,070$ | $1,024,262$ | $195,998$ | $1,188,929$ | $0$ | $3,163,773$ | $254,874$ | $0.30$ | 1,068.05 | $27.18$ | $39.29$ | $0.00$ |
|  | 12 | 833 | 23,153 | 896,758 | 143,654 | 1,032,778 | 0 | 3,176,795 | 264,360 | 0.26 | 1,076.54 | 27.79 | 38.73 | 0.00 |
| 2007 | 1 | 1,072 | 31,151 | 1,189,104 | 238,148 | 1,382,792 | 1 | 3,183,011 | 248,432 | 0.34 | 1,109.24 | 29.06 | 38.17 | 0.01 |
|  | 2 | 921 | 25,873 | 1,008,475 | 169,642 | 1,172,963 | 2 | 2,952,453 | 223,047 | 0.31 | 1,094.98 | 28.09 | 38.98 | 0.02 |
|  | 3 | 923 | 25,043 | 992,321 | 162,328 | 1,153,410 | 1 | 2,943,686 | 246,157 | 0.31 | 1,075.10 | 27.13 | 39.62 | 0.01 |
|  | 4 | 920 | 25,197 | 993,441 | 178,458 | 1,151,024 | 1 | 3,088,978 | 249,709 | 0.30 | 1,079.83 | 27.39 | 39.43 | 0.01 |
|  | 5 | 896 | 24,419 | 968,103 | 175,072 | 1,119,014 | 1 | 3,113,126 | 258,629 | 0.29 | 1,080.47 | 27.25 | 39.65 | 0.01 |
|  | 6 | 817 | 21,785 | 876,517 | 136,954 | 1,018,100 | 0 | 3,123,607 | 250,618 | 0.26 | 1,072.85 | 26.66 | 40.23 | 0.00 |
|  | 7 | 832 | 21,191 | 874,940 | 168,488 | 1,020,481 | 0 | 3,129,705 | 258,861 | 0.27 | 1,051.61 | 25.47 | 41.29 | 0.00 |
|  | 8 | 886 | 23,735 | 943,001 | 151,145 | 1,101,316 | 0 | 4,071,947 | 264,548 | 0.22 | 1,064.34 | 26.79 | 39.73 | 0.00 |
|  | 9 | 1,180 | 32,013 | 1,287,573 | 191,105 | 1,479,406 | 2 | 4,103,392 | 329,371 | 0.29 | 1,091.16 | 27.13 | 40.22 | 0.01 |
|  | 10 | 1,321 | 36,209 | 1,400,772 | 214,580 | 1,621,861 | 0 | 4,107,028 | 341,481 | 0.32 | 1,060.39 | 27.41 | 38.69 | 0.00 |
|  | 11 | 1,241 | 33,860 | 1,334,611 | 227,542 | 1,543,904 | 0 | 4,107,538 | 330,698 | 0.30 | 1,075.43 | 27.28 | 39.42 | 0.00 |
|  | 12 | 1,272 | 35,617 | 1,385,091 | 220,244 | 1,594,788 | 1 | 4,119,976 | 343,222 | 0.31 | 1,088.91 | 28.00 | 38.89 | 0.01 |
| 2008 | 1 | 1,890 | 50,275 | 2,025,806 | 308,272 | 2,352,528 | 2 | 4,129,503 | 323,471 | 0.46 | 1,071.86 | 26.60 | 40.29 | 0.01 |
|  | 2 | 1,661 | 45,877 | 1,807,436 | 289,832 | 2,092,353 | 1 | 3,864,033 | 300,816 | 0.43 | 1,088.16 | 27.62 | 39.40 | 0.00 |
|  | 3 | 1,882 | 49,503 | 2,027,775 | 326,020 | 2,338,115 | 2 | 5,747,179 | 325,644 | 0.33 | 1,077.46 | 26.30 | 40.96 | 0.01 |
|  | 4 | 2,774 | 65,690 | 2,909,571 | 498,813 | 3,357,593 | 1 | 5,721,516 | 461,844 | 0.48 | 1,048.87 | 23.68 | 44.29 | 0.00 |
|  | 5 | 2,258 | 55,264 | 2,357,370 | 353,040 | 2,725,161 | 1 | 5,779,885 | 477,364 | 0.39 | 1,044.01 | 24.47 | 42.66 | 0.00 |
|  | 6 | 2,135 | 52,275 | 2,210,830 | 344,977 | 2,555,728 | 0 | 5,795,406 | 463,361 | 0.37 | 1,035.52 | 24.48 | 42.29 | 0.00 |
|  | 7 | 2,098 | 50,402 | 2,130,345 | 381,813 | 2,475,723 | 0 | 5,819,322 | 479,089 | 0.36 | 1,015.42 | 24.02 | 42.27 | 0.00 |
|  | 8 | 1,934 | 46,230 | 1,946,907 | 320,258 | 2,265,780 | 3 | 5,796,428 | 480,518 | 0.33 | 1,006.67 | 23.90 | 42.11 | 0.01 |
|  | 9 | 1,999 | 49,059 | 2,034,483 | 333,493 | 2,356,612 | 2 | 5,834,768 | 465,862 | 0.34 | 1,017.75 | 24.54 | 41.47 | 0.01 |
|  | 10 | 1,939 | 47,247 | 1,967,805 | 317,148 | 2,276,925 | 1 | 5,836,605 | 483,630 | 0.33 | 1,014.86 | 24.37 | 41.65 | 0.00 |
|  | 11 | 1,738 | 41,682 | 1,770,722 | 278,084 | 2,044,062 | 4 | 5,828,091 | 468,850 | 0.30 | 1,018.83 | 23.98 | 42.48 | 0.02 |
|  | 12 | 1,817 | 43,579 | 1,825,067 | 295,680 | 2,110,884 | 2 | 5,850,063 | 486,454 | 0.31 | 1,004.44 | 23.98 | 41.88 | 0.01 |
| 2009 | 1 | 2,728 | 70,853 | 2,862,417 | 433,923 | 3,303,126 | 2 | 5,857,559 | 446,110 | 0.47 | 1,049.27 | 25.97 | 40.40 | 0.01 |
|  | 2 | 2,387 | 59,468 | 2,456,611 | 383,736 | 2,839,222 | 4 | 5,303,554 | 401,114 | 0.45 | 1,029.16 | 24.91 | 41.31 | 0.01 |
|  | 3 | 2,065 | 50,628 | 2,116,936 | 317,522 | 2,445,982 | 2 | 5,295,372 | 443,910 | 0.39 | 1,025.15 | 24.52 | 41.81 | 0.01 |
|  | 4 | 1,936 | 45,165 | 1,980,499 | 299,118 | 2,286,515 | 1 | 5,650,446 | 457,927 | 0.34 | 1,022.99 | 23.33 | 43.85 | 0.00 |
|  | 5 | 1,780 | 42,917 | 1,805,257 | 274,244 | 2,078,473 | 0 | 5,714,240 | 474,369 | 0.31 | 1,014.19 | 24.11 | 42.06 | 0.00 |
|  | 6 | 1,816 | 41,173 | 1,816,526 | 270,743 | 2,093,627 | 2 | 5,747,779 | 460,609 | 0.32 | 1,000.29 | 22.67 | 44.12 | 0.01 |
|  | 7 | 1,702 | 40,196 | 1,712,678 | 255,620 | 1,968,110 | 1 | 5,753,124 | 474,511 | 0.30 | 1,006.27 | 23.62 | 42.61 | 0.01 |
|  | 8 | 1,625 | 38,716 | 1,596,029 | 233,776 | 1,845,231 | 1 | 5,708,962 | 474,812 | 0.28 | 982.17 | 23.83 | 41.22 | 0.01 |
|  | 9 | 1,582 | 36,516 | 1,543,187 | 236,650 | 1,782,788 | 1 | 5,746,578 | 459,758 | 0.28 | 975.47 | 23.08 | 42.26 | 0.01 |


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / | Days <br> Supplied/ | Episodes w/ Events / 10K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month 10 | $1,548$ | $35,188$ | $1,521,124$ | $229,186$ | 1,747,346 | $0$ | $5,745,739$ | $477,537$ | $0.27$ | $982.64$ | $22.73$ | $43.23$ | $0.00$ |
|  | 11 | 1,358 | 31,710 | 1,305,012 | 198,041 | 1,508,353 | 1 | 5,741,460 | 462,870 | 0.24 | 960.98 | 23.35 | 41.15 | 0.01 |
|  | 12 | 1,430 | 33,252 | 1,397,290 | 204,142 | 1,600,707 | 1 | 5,766,191 | 479,586 | 0.25 | 977.13 | 23.25 | 42.02 | 0.01 |
| 2010 | 1 | 1,512 | 34,569 | 1,463,791 | 219,694 | 1,690,792 | 1 | 5,765,975 | 441,992 | 0.26 | 968.12 | 22.86 | 42.34 | 0.01 |
|  | 2 | 1,315 | 30,658 | 1,280,010 | 185,641 | 1,465,302 | 3 | 5,246,607 | 397,331 | 0.25 | 973.39 | 23.31 | 41.75 | 0.02 |
|  | 3 | 1,344 | 30,560 | 1,283,821 | 186,644 | 1,482,932 | 1 | 5,238,872 | 438,798 | 0.26 | 955.22 | 22.74 | 42.01 | 0.01 |
|  | 4 | 1,408 | 30,157 | 1,344,235 | 198,480 | 1,538,205 | 2 | 5,676,866 | 460,378 | 0.25 | 954.71 | 21.42 | 44.57 | 0.01 |
|  | 5 | 1,423 | 30,480 | 1,343,212 | 198,904 | 1,536,425 | 2 | 5,739,834 | 476,729 | 0.25 | 943.93 | 21.42 | 44.07 | 0.01 |
|  | 6 | 1,412 | 30,330 | 1,331,993 | 201,796 | 1,525,370 | 0 | 5,768,937 | 462,443 | 0.24 | 943.34 | 21.48 | 43.92 | 0.00 |
|  | 7 | 1,261 | 27,606 | 1,193,770 | 181,350 | 1,360,687 | 1 | 5,768,945 | 476,236 | 0.22 | 946.69 | 21.89 | 43.24 | 0.01 |
|  | 8 | 1,343 | 28,317 | 1,250,343 | 186,294 | 1,421,450 | 0 | 5,720,332 | 476,360 | 0.23 | 931.01 | 21.08 | 44.16 | 0.00 |
|  | 9 | 1,166 | 24,818 | 1,064,451 | 161,074 | 1,216,377 | 1 | 5,750,525 | 461,136 | 0.20 | 912.91 | 21.28 | 42.89 | 0.01 |
|  | 10 | 1,214 | 25,888 | 1,125,875 | 171,404 | 1,275,642 | 0 | 5,745,401 | 478,272 | 0.21 | 927.41 | 21.32 | 43.49 | 0.00 |
|  | 11 | 1,170 | 24,991 | 1,053,657 | 156,931 | 1,197,623 | 2 | 5,745,189 | 462,950 | 0.20 | 900.56 | 21.36 | 42.16 | 0.02 |
|  | 12 | 1,081 | 23,010 | 965,843 | 143,208 | 1,097,115 | 1 | 5,757,769 | 479,799 | 0.19 | 893.47 | 21.29 | 41.97 | 0.01 |
| 2011 | 1 | 1,248 | 26,407 | 1,138,447 | 171,342 | 1,281,277 | 0 | 5,760,398 | 454,012 | 0.22 | 912.22 | 21.16 | 43.11 | 0.00 |
|  | 2 | 1,095 | 23,925 | 980,690 | 148,122 | 1,112,854 | 0 | 5,381,486 | 407,091 | 0.20 | 895.61 | 21.85 | 40.99 | 0.00 |
|  | 3 | 1,210 | 24,994 | 1,074,074 | 155,780 | 1,208,904 | 2 | 5,368,137 | 450,148 | 0.23 | 887.66 | 20.66 | 42.97 | 0.02 |
|  | 4 | 1,254 | 24,896 | 1,092,637 | 161,222 | 1,227,145 | 0 | 5,764,436 | 467,586 | 0.22 | 871.32 | 19.85 | 43.89 | 0.00 |
|  | 5 | 1,174 | 23,135 | 1,007,330 | 155,591 | 1,128,232 | 0 | 5,805,322 | 483,685 | 0.20 | 858.03 | 19.71 | 43.54 | 0.00 |
|  | 6 | 1,106 | 20,819 | 932,415 | 139,697 | 1,042,199 | 0 | 5,814,117 | 468,215 | 0.19 | 843.05 | 18.82 | 44.79 | 0.00 |
|  | 7 | 1,042 | 19,586 | 865,243 | 125,480 | 963,821 | 0 | 5,816,179 | 482,448 | 0.18 | 830.37 | 18.80 | 44.18 | 0.00 |
|  | 8 | 1,134 | 21,111 | 921,999 | 135,013 | 1,024,017 | 0 | 5,801,044 | 482,986 | 0.20 | 813.05 | 18.62 | 43.67 | 0.00 |
|  | 9 | 1,014 | 19,270 | 811,951 | 117,823 | 896,948 | 0 | 5,846,067 | 467,905 | 0.17 | 800.74 | 19.00 | 42.14 | 0.00 |
|  | 10 | 1,021 | 17,750 | 793,814 | 119,825 | 875,619 | 0 | 5,846,931 | 486,471 | 0.17 | 777.49 | 17.38 | 44.72 | 0.00 |
|  | 11 | 985 | 17,536 | 750,003 | 110,990 | 822,341 | 0 | 5,848,760 | 471,329 | 0.17 | 761.42 | 17.80 | 42.77 | 0.00 |
|  | 12 | 955 | 16,949 | 706,335 | 105,889 | 774,049 | 0 | 5,872,260 | 487,014 | 0.16 | 739.62 | 17.75 | 41.67 | 0.00 |
| 2012 | 1 | 1,087 | 18,264 | 787,915 | 116,658 | 858,010 | 0 | 5,852,791 | 423,099 | 0.19 | 724.85 | 16.80 | 43.14 | 0.00 |
|  | 2 | 561 | 10,382 | 417,997 | 61,326 | 454,389 | 0 | 5,007,506 | 293,045 | 0.11 | 745.09 | 18.51 | 40.26 | 0.00 |
|  | 3 | 493 | 8,950 | 357,039 | 51,514 | 388,462 | 0 | 3,888,463 | 304,638 | 0.13 | 724.22 | 18.15 | 39.89 | 0.00 |
|  | 4 | 467 | 7,890 | 328,636 | 47,041 | 357,400 | 0 | 3,847,179 | 310,400 | 0.12 | 703.72 | 16.90 | 41.65 | 0.00 |
|  | 5 | 152 | 2,484 | 108,048 | 15,907 | 116,982 | 1 | 3,831,091 | 126,935 | 0.04 | 710.84 | 16.34 | 43.50 | 0.09 |
|  | 6 | 153 | 2,488 | 104,247 | 15,248 | 113,973 | 1 | 1,458,370 | 116,646 | 0.10 | 681.35 | 16.26 | 41.90 | 0.09 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,436,731 | 3,934 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $9$ | $0$ | $0$ | $0$ | $0$ | Days | W 0 | 0 | 0 | ---- | --- | --- | Dispensing | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 18 | 745 | 31,583 | 22,462 | 34,625 | 0 | 109,148 | 8,829 | 0.16 | 1,754.61 | 41.39 | 42.39 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 21,193 | 0 | 105,086 | 7,994 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 12 | 622 | 20,462 | 2,916 | 23,507 | 0 | 105,934 | 8,905 | 0.11 | 1,705.17 | 51.83 | 32.90 | 0.00 |
|  | 4 | 424 | 17,537 | 742,550 | 166,014 | 826,417 | 0 | 2,009,996 | 162,930 | 0.21 | 1,751.30 | 41.36 | 42.34 | 0.00 |
|  | 5 | 344 | 14,985 | 613,634 | 94,057 | 679,654 | 0 | 2,042,379 | 169,865 | 0.17 | 1,783.82 | 43.56 | 40.95 | 0.00 |
|  | 6 | 318 | 13,940 | 563,293 | 122,752 | 622,498 | 2 | 2,058,973 | 165,083 | 0.15 | 1,771.36 | 43.84 | 40.41 | 0.03 |
|  | 7 | 303 | 13,061 | 523,581 | 81,008 | 582,914 | 0 | 2,072,347 | 170,924 | 0.15 | 1,727.99 | 43.11 | 40.09 | 0.00 |
|  | 8 | 305 | 12,857 | 523,446 | 96,337 | 587,410 | 1 | 2,081,521 | 172,209 | 0.15 | 1,716.22 | 42.15 | 40.71 | 0.02 |
|  | 9 | 270 | 11,930 | 470,209 | 70,441 | 524,688 | 2 | 2,099,238 | 168,266 | 0.13 | 1,741.51 | 44.19 | 39.41 | 0.04 |
|  | 10 | 305 | 12,844 | 524,001 | 83,341 | 586,001 | 0 | 2,100,519 | 174,843 | 0.15 | 1,718.04 | 42.11 | 40.80 | 0.00 |
|  | 11 | 267 | 10,797 | 444,779 | 84,381 | 496,983 | 0 | 2,099,091 | 169,507 | 0.13 | 1,665.84 | 40.44 | 41.19 | 0.00 |
|  | 12 | 225 | 9,730 | 393,213 | 64,602 | 434,270 | 0 | 2,107,648 | 175,822 | 0.11 | 1,747.61 | 43.24 | 40.41 | 0.00 |
| 2007 | 1 | 321 | 14,124 | 548,012 | 116,367 | 615,871 | 1 | 2,112,261 | 168,297 | 0.15 | 1,707.20 | 44.00 | 38.80 | 0.02 |
|  | 2 | 260 | 11,111 | 442,347 | 64,736 | 498,031 | 1 | 2,002,401 | 151,885 | 0.13 | 1,701.33 | 42.73 | 39.81 | 0.02 |
|  | 3 | 241 | 10,151 | 411,421 | 65,768 | 459,473 | 0 | 2,004,088 | 168,178 | 0.12 | 1,707.14 | 42.12 | 40.53 | 0.00 |
|  | 4 | 247 | 10,415 | 416,247 | 67,660 | 463,768 | 0 | 2,090,771 | 169,753 | 0.12 | 1,685.21 | 42.17 | 39.97 | 0.00 |
|  | 5 | 235 | 9,898 | 399,994 | 66,665 | 443,784 | 1 | 2,108,259 | 175,889 | 0.11 | 1,702.10 | 42.12 | 40.41 | 0.02 |
|  | 6 | 217 | 8,887 | 363,860 | 51,940 | 407,381 | 0 | 2,120,336 | 170,681 | 0.10 | 1,676.77 | 40.95 | 40.94 | 0.00 |




# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 820 | 4,606 | 184,607 | 49,721 | 298,849 | 0 | 237,401 | 19,835 | 3.45 | 225.13 | 5.62 | 40.08 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 222,172 | 2 | 235,688 | 17,959 | 2.74 | 197.12 | 4.84 | 40.70 | 0.09 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 245,355 | 0 | 237,734 | 19,995 | 2.99 | 186.58 | 4.93 | 37.85 | 0.00 |
|  | 4 | 9,751 | 65,433 | 2,687,718 | 557,064 | 4,391,802 | 4 | 4,468,219 | 365,036 | 2.18 | 275.64 | 6.71 | 41.08 | 0.01 |
|  | 5 | 9,046 | 57,005 | 2,260,734 | 409,170 | 3,831,836 | 3 | 4,542,400 | 378,605 | 1.99 | 249.92 | 6.30 | 39.66 | 0.01 |
|  | 6 | 8,321 | 54,801 | 2,147,083 | 460,031 | 3,557,652 | 4 | 4,548,215 | 366,191 | 1.83 | 258.03 | 6.59 | 39.18 | 0.01 |
|  | 7 | 7,068 | 47,448 | 1,899,486 | 377,544 | 3,087,757 | 3 | 4,549,241 | 378,752 | 1.55 | 268.74 | 6.71 | 40.03 | 0.01 |
|  | 8 | 7,627 | 52,390 | 2,038,735 | 390,726 | 3,349,835 | 2 | 4,588,806 | 381,294 | 1.66 | 267.30 | 6.87 | 38.91 | 0.01 |
|  | 9 | 6,635 | 45,615 | 1,763,684 | 365,982 | 2,903,946 | 5 | 4,624,020 | 372,001 | 1.43 | 265.82 | 6.87 | 38.66 | 0.02 |
|  | 10 | 6,550 | 44,773 | 1,780,875 | 354,459 | 2,936,535 | 3 | 4,628,779 | 387,212 | 1.42 | 271.89 | 6.84 | 39.78 | 0.01 |
|  | 11 | 5,817 | 40,731 | 1,573,358 | 324,789 | 2,590,769 | 5 | 4,642,528 | 375,546 | 1.25 | 270.48 | 7.00 | 38.63 | 0.02 |
|  | 12 | 5,132 | 35,215 | 1,366,290 | 242,089 | 2,263,073 | 1 | 4,668,056 | 390,182 | 1.10 | 266.23 | 6.86 | 38.80 | 0.00 |
| 2007 | 1 | 5,727 | 45,258 | 1,723,886 | 367,498 | 2,793,147 | 4 | 4,445,299 | 371,635 | 1.29 | 301.01 | 7.90 | 38.09 | 0.01 |
|  | 2 | 4,910 | 38,562 | 1,480,325 | 285,331 | 2,432,922 | 6 | 4,393,643 | 335,330 | 1.12 | 301.49 | 7.85 | 38.39 | 0.02 |
|  | 3 | 4,709 | 36,582 | 1,403,556 | 281,609 | 2,291,356 | 0 | 4,399,032 | 371,471 | 1.07 | 298.06 | 7.77 | 38.37 | 0.00 |
|  | 4 | 4,749 | 35,744 | 1,375,673 | 278,502 | 2,275,059 | 1 | 4,647,136 | 379,937 | 1.02 | 289.68 | 7.53 | 38.49 | 0.00 |
|  | 5 | 4,544 | 34,469 | 1,330,031 | 256,014 | 2,157,081 | 1 | 4,713,187 | 394,143 | 0.96 | 292.70 | 7.59 | 38.59 | 0.00 |
|  | 6 | 4,125 | 30,104 | 1,169,651 | 216,700 | 1,931,150 | 2 | 4,737,662 | 382,036 | 0.87 | 283.55 | 7.30 | 38.85 | 0.01 |
|  | 7 | 4,042 | 28,637 | 1,131,435 | 233,470 | 1,879,634 | 1 | 4,704,731 | 393,341 | 0.86 | 279.92 | 7.08 | 39.51 | 0.01 |
|  | 8 | 4,325 | 31,897 | 1,230,763 | 224,512 | 2,034,270 | 1 | 6,242,546 | 402,732 | 0.69 | 284.57 | 7.38 | 38.59 | 0.00 |
|  | 9 | 7,235 | 48,980 | 1,898,329 | 315,585 | 3,159,114 | 4 | 6,287,120 | 506,353 | 1.15 | 262.38 | 6.77 | 38.76 | 0.01 |
|  | 10 | 7,789 | 54,115 | 2,013,151 | 338,402 | 3,392,856 | 4 | 6,286,755 | 526,352 | 1.24 | 258.46 | 6.95 | 37.20 | 0.01 |
|  | 11 | 7,164 | 49,295 | 1,877,228 | 351,648 | 3,158,654 | 3 | 6,307,653 | 510,252 | 1.14 | 262.04 | 6.88 | 38.08 | 0.01 |
|  | 12 | 6,269 | 47,466 | 1,783,545 | 303,288 | 2,891,522 | 2 | 6,338,377 | 529,848 | 0.99 | 284.50 | 7.57 | 37.58 | 0.01 |
| 2008 | 1 | 8,191 | 67,164 | 2,565,682 | 422,926 | 4,094,394 | 3 | 6,065,704 | 507,243 | 1.35 | 313.23 | 8.20 | 38.20 | 0.01 |
|  | 2 | 7,472 | 61,750 | 2,339,574 | 378,752 | 3,739,652 | 2 | 6,048,114 | 474,373 | 1.24 | 313.11 | 8.26 | 37.89 | 0.01 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 58 | 1,545 | 64,830 | 27,202 | 79,328 | 0 | 152,352 | 11,885 | 0.38 | 1,117.76 | 26.64 | 41.96 | 0.00 |
|  | 2 | 45 | 1,098 | 47,129 | 6,720 | 57,587 | 0 | 141,603 | 10,744 | 0.32 | 1,047.31 | 24.40 | 42.92 | 0.00 |
|  | 3 | 51 | 1,489 | 51,254 | 7,600 | 66,689 | 0 | 142,757 | 11,942 | 0.36 | 1,004.98 | 29.20 | 34.42 | 0.00 |
|  | 4 | 1,498 | 38,440 | 1,597,233 | 331,089 | 1,977,233 | 2 | 3,007,917 | 244,006 | 0.50 | 1,066.24 | 25.66 | 41.55 | 0.01 |
|  | 5 | 1,191 | 31,783 | 1,282,022 | 224,435 | 1,581,448 | 1 | 3,064,260 | 253,840 | 0.39 | 1,076.42 | 26.69 | 40.34 | 0.01 |
|  | 6 | 1,186 | 31,788 | 1,248,869 | 269,660 | 1,553,731 | 3 | 3,083,102 | 246,809 | 0.38 | 1,053.01 | 26.80 | 39.29 | 0.02 |
|  | 7 | 1,081 | 28,280 | 1,132,228 | 197,512 | 1,411,312 | 0 | 3,104,105 | 256,030 | 0.35 | 1,047.39 | 26.16 | 40.04 | 0.00 |
|  | 8 | 1,208 | 31,528 | 1,237,110 | 219,524 | 1,547,353 | 1 | 3,121,244 | 258,114 | 0.39 | 1,024.10 | 26.10 | 39.24 | 0.01 |
|  | 9 | 1,166 | 29,767 | 1,146,788 | 225,493 | 1,453,340 | 3 | 3,149,943 | 252,295 | 0.37 | 983.52 | 25.53 | 38.53 | 0.02 |
|  | 10 | 1,176 | 29,869 | 1,187,410 | 214,267 | 1,498,813 | 0 | 3,156,404 | 262,692 | 0.37 | 1,009.70 | 25.40 | 39.75 | 0.00 |
|  | 11 | 1,109 | 27,761 | 1,086,176 | 210,329 | 1,377,880 | 0 | 3,162,840 | 254,792 | 0.35 | 979.42 | 25.03 | 39.13 | 0.00 |
|  | 12 | 965 | 24,537 | 951,312 | 152,106 | 1,196,866 | 0 | 3,175,723 | 264,264 | 0.30 | 985.82 | 25.43 | 38.77 | 0.00 |
| 2007 | 1 | 1,235 | 33,023 | 1,257,129 | 258,160 | 1,595,859 | 1 | 3,181,812 | 248,333 | 0.39 | 1,017.92 | 26.74 | 38.07 | 0.01 |
|  | 2 | 1,061 | 27,337 | 1,066,543 | 186,182 | 1,361,363 | 4 | 2,951,207 | 222,948 | 0.36 | 1,005.22 | 25.77 | 39.01 | 0.03 |
|  | 3 | 1,057 | 26,463 | 1,047,019 | 182,848 | 1,332,208 | 1 | 2,942,314 | 246,036 | 0.36 | 990.56 | 25.04 | 39.57 | 0.01 |
|  | 4 | 1,063 | 26,789 | 1,052,675 | 207,635 | 1,335,231 | 1 | 3,087,486 | 249,583 | 0.34 | 990.29 | 25.20 | 39.30 | 0.01 |
|  | 5 | 1,058 | 26,044 | 1,033,545 | 185,094 | 1,314,547 | 1 | 3,111,518 | 258,487 | 0.34 | 976.89 | 24.62 | 39.68 | 0.01 |
|  | 6 | 947 | 23,211 | 929,933 | 146,127 | 1,189,338 | 1 | 3,121,853 | 250,470 | 0.30 | 981.98 | 24.51 | 40.06 | 0.01 |
|  | 7 | 953 | 22,545 | 924,805 | 177,776 | 1,182,318 | 0 | 3,127,838 | 258,700 | 0.30 | 970.41 | 23.66 | 41.02 | 0.00 |
|  | 8 | 1,048 | 25,534 | 1,009,932 | 162,239 | 1,300,759 | 0 | 4,069,995 | 264,378 | 0.26 | 963.68 | 24.36 | 39.55 | 0.00 |
|  | 9 | 1,379 | 34,094 | 1,370,880 | 211,165 | 1,722,065 | 3 | 4,101,300 | 329,192 | 0.34 | 994.11 | 24.72 | 40.21 | 0.02 |
|  | 10 | 1,536 | 38,620 | 1,491,256 | 235,702 | 1,890,361 | 1 | 4,104,753 | 341,281 | 0.37 | 970.87 | 25.14 | 38.61 | 0.01 |
|  | 11 | 1,446 | 36,091 | 1,420,433 | 248,572 | 1,804,533 | 0 | 4,105,077 | 330,490 | 0.35 | 982.32 | 24.96 | 39.36 | 0.00 |
|  | 12 | 1,476 | 37,829 | 1,468,863 | 233,262 | 1,851,118 | 1 | 4,117,341 | 342,991 | 0.36 | 995.16 | 25.63 | 38.83 | 0.01 |
| 2008 | 1 | 2,182 | 53,364 | 2,145,529 | 327,602 | 2,736,354 | 2 | 4,126,681 | 323,234 | 0.53 | 983.29 | 24.46 | 40.21 | 0.01 |
|  | 2 | 1,896 | 48,466 | 1,904,175 | 307,443 | 2,405,312 | 2 | 3,861,110 | 300,578 | 0.49 | 1,004.31 | 25.56 | 39.29 | 0.01 |
|  | 3 | 2,130 | 52,166 | 2,130,654 | 347,150 | 2,679,802 | 2 | 5,744,064 | 325,373 | 0.37 | 1,000.31 | 24.49 | 40.84 | 0.01 |
|  | 4 | 3,158 | 69,512 | 3,071,096 | 523,545 | 3,877,314 | 1 | 5,718,191 | 461,559 | 0.55 | 972.48 | 22.01 | 44.18 | 0.00 |
|  | 5 | 2,584 | 58,475 | 2,491,851 | 376,000 | 3,159,426 | 1 | 5,776,211 | 477,041 | 0.45 | 964.34 | 22.63 | 42.61 | 0.00 |
|  | 6 | 2,399 | 55,098 | 2,319,496 | 364,032 | 2,931,299 | 0 | 5,791,439 | 463,027 | 0.41 | 966.86 | 22.97 | 42.10 | 0.00 |
|  | 7 | 2,387 | 53,255 | 2,247,954 | 408,533 | 2,868,522 | 1 | 5,815,127 | 478,725 | 0.41 | 941.75 | 22.31 | 42.21 | 0.00 |
|  | 8 | 2,199 | 49,008 | 2,057,344 | 336,469 | 2,626,611 | 4 | 5,791,998 | 480,134 | 0.38 | 935.58 | 22.29 | 41.98 | 0.02 |
|  | 9 | 2,310 | 52,235 | 2,165,157 | 353,130 | 2,750,839 | 3 | 5,830,116 | 465,471 | 0.40 | 937.30 | 22.61 | 41.45 | 0.01 |
|  | 10 | 2,311 | 51,293 | 2,127,119 | 340,142 | 2,726,533 | 1 | 5,831,691 | 483,202 | 0.40 | 920.43 | 22.20 | 41.47 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 2,071 | 45,210 | 1,912,715 | 302,660 | 2,444,323 | 4 | 5,822,862 | 468,409 | 0.36 | 923.57 | 21.83 | 42.31 | $0.02$ |
|  | 12 | 2,210 | 47,739 | 1,992,009 | 327,027 | 2,561,127 | 4 | 5,844,538 | 485,971 | 0.38 | 901.36 | 21.60 | 41.73 | 0.02 |
| 2009 | 1 | 3,334 | 77,106 | 3,115,688 | 471,881 | 4,006,239 | 3 | 5,851,701 | 445,625 | 0.57 | 934.52 | 23.13 | 40.41 | 0.01 |
|  | 2 | 2,902 | 64,831 | 2,671,090 | 417,342 | 3,436,300 | 4 | 5,297,538 | 400,636 | 0.55 | 920.43 | 22.34 | 41.20 | 0.01 |
|  | 3 | 2,584 | 55,879 | 2,330,087 | 358,057 | 3,017,376 | 3 | 5,288,888 | 443,341 | 0.49 | 901.74 | 21.63 | 41.70 | 0.01 |
|  | 4 | 2,388 | 49,430 | 2,166,673 | 326,595 | 2,788,902 | 1 | 5,643,506 | 457,345 | 0.42 | 907.32 | 20.70 | 43.83 | 0.00 |
|  | 5 | 2,186 | 46,797 | 1,973,265 | 301,872 | 2,525,643 | 0 | 5,706,914 | 473,736 | 0.38 | 902.68 | 21.41 | 42.17 | 0.00 |
|  | 6 | 2,202 | 45,011 | 1,976,815 | 294,945 | 2,526,427 | 4 | 5,740,124 | 459,968 | 0.38 | 897.74 | 20.44 | 43.92 | 0.02 |
|  | 7 | 2,077 | 44,081 | 1,867,009 | 285,549 | 2,385,357 | 2 | 5,745,136 | 473,828 | 0.36 | 898.90 | 21.22 | 42.35 | 0.01 |
|  | 8 | 2,013 | 42,541 | 1,758,232 | 257,063 | 2,270,058 | 1 | 5,700,721 | 474,102 | 0.35 | 873.44 | 21.13 | 41.33 | 0.00 |
|  | 9 | 1,989 | 40,508 | 1,712,061 | 267,422 | 2,219,154 | 1 | 5,738,012 | 459,043 | 0.35 | 860.76 | 20.37 | 42.26 | 0.00 |
|  | 10 | 1,948 | 39,161 | 1,687,368 | 265,473 | 2,169,308 | 0 | 5,736,837 | 476,770 | 0.34 | 866.21 | 20.10 | 43.09 | 0.00 |
|  | 11 | 1,699 | 35,030 | 1,445,134 | 223,543 | 1,873,168 | 1 | 5,732,234 | 462,103 | 0.30 | 850.58 | 20.62 | 41.25 | 0.01 |
|  | 12 | 1,782 | 36,901 | 1,541,934 | 225,301 | 1,972,653 | 1 | 5,756,696 | 478,770 | 0.31 | 865.28 | 20.71 | 41.79 | 0.01 |
| 2010 | 1 | 1,900 | 38,319 | 1,626,041 | 252,003 | 2,111,069 | 2 | 5,756,185 | 441,209 | 0.33 | 855.81 | 20.17 | 42.43 | 0.01 |
|  | 2 | 1,628 | 33,692 | 1,408,336 | 212,735 | 1,792,893 | 3 | 5,237,208 | 396,605 | 0.31 | 865.07 | 20.70 | 41.80 | 0.02 |
|  | 3 | 1,650 | 33,420 | 1,408,810 | 205,460 | 1,813,327 | 1 | 5,229,255 | 437,976 | 0.32 | 853.82 | 20.25 | 42.15 | 0.01 |
|  | 4 | 1,805 | 33,898 | 1,511,597 | 223,699 | 1,943,244 | 2 | 5,667,029 | 459,561 | 0.32 | 837.45 | 18.78 | 44.59 | 0.01 |
|  | 5 | 1,763 | 33,825 | 1,483,366 | 219,278 | 1,891,576 | 2 | 5,729,684 | 475,860 | 0.31 | 841.39 | 19.19 | 43.85 | 0.01 |
|  | 6 | 1,740 | 33,309 | 1,468,538 | 221,826 | 1,865,898 | 0 | 5,758,527 | 461,582 | 0.30 | 843.99 | 19.14 | 44.09 | 0.00 |
|  | 7 | 1,591 | 30,684 | 1,328,879 | 200,849 | 1,692,818 | 1 | 5,758,302 | 475,332 | 0.28 | 835.25 | 19.29 | 43.31 | 0.01 |
|  | 8 | 1,660 | 31,368 | 1,383,083 | 207,693 | 1,745,290 | 0 | 5,709,527 | 475,436 | 0.29 | 833.18 | 18.90 | 44.09 | 0.00 |
|  | 9 | 1,507 | 28,059 | 1,206,046 | 182,924 | 1,548,013 | 1 | 5,739,482 | 460,225 | 0.26 | 800.30 | 18.62 | 42.98 | 0.01 |
|  | 10 | 1,531 | 28,877 | 1,254,750 | 190,076 | 1,584,459 | 0 | 5,734,121 | 477,308 | 0.27 | 819.56 | 18.86 | 43.45 | 0.00 |
|  | 11 | 1,466 | 27,779 | 1,172,563 | 173,865 | 1,484,232 | 2 | 5,733,681 | 461,999 | 0.26 | 799.84 | 18.95 | 42.21 | 0.01 |
|  | 12 | 1,349 | 25,568 | 1,077,063 | 159,550 | 1,358,608 | 1 | 5,746,056 | 478,799 | 0.23 | 798.42 | 18.95 | 42.13 | 0.01 |
| 2011 | 1 | 1,582 | 29,543 | 1,277,340 | 191,476 | 1,599,677 | 0 | 5,748,504 | 453,050 | 0.28 | 807.42 | 18.67 | 43.24 | 0.00 |
|  | 2 | 1,374 | 26,583 | 1,093,834 | 164,131 | 1,380,272 | 0 | 5,370,038 | 406,211 | 0.26 | 796.09 | 19.35 | 41.15 | 0.00 |
|  | 3 | 1,516 | 27,844 | 1,198,002 | 174,025 | 1,498,099 | 2 | 5,356,521 | 449,156 | 0.28 | 790.24 | 18.37 | 43.03 | 0.01 |
|  | 4 | 1,553 | 27,497 | 1,215,668 | 178,758 | 1,511,039 | 0 | 5,752,590 | 466,608 | 0.27 | 782.79 | 17.71 | 44.21 | 0.00 |
|  | 5 | 1,479 | 25,991 | 1,132,485 | 175,210 | 1,404,570 | 0 | 5,793,274 | 482,659 | 0.26 | 765.71 | 17.57 | 43.57 | 0.00 |
|  | 6 | 1,382 | 23,251 | 1,045,340 | 156,776 | 1,289,862 | 0 | 5,801,877 | 467,207 | 0.24 | 756.40 | 16.82 | 44.96 | 0.00 |
|  | 7 | 1,278 | 21,738 | 963,079 | 139,741 | 1,172,153 | 1 | 5,803,757 | 481,395 | 0.22 | 753.58 | 17.01 | 44.30 | 0.01 |
|  | 8 | 1,379 | 23,282 | 1,017,295 | 148,451 | 1,236,401 | 0 | 5,788,533 | 481,921 | 0.24 | 737.70 | 16.88 | 43.69 | 0.00 |
|  | 9 | 1,224 | 21,230 | 896,576 | 130,084 | 1,076,670 | 0 | 5,833,395 | 466,864 | 0.21 | 732.50 | 17.34 | 42.23 | 0.00 |

Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users |  |  | Amount Supplied |  | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $10$ | $\begin{aligned} & \text { Users } \\ & 1,206 \end{aligned}$ | $19,496$ | 869,985 | $130,585$ | $1,032,912$ | w/ Events <br> 0 | $5,834,156$ | $485,387$ | $0.21$ | $721.38$ | $16.17$ | Dispensing $44.62$ | $0.00$ |
|  | 11 | 1,174 | 19,239 | 825,472 | 121,670 | 976,072 | 0 | 5,835,906 | 470,273 | 0.20 | 703.13 | 16.39 | 42.91 | 0.00 |
|  | 12 | 1,170 | 18,838 | 792,206 | 118,416 | 946,205 | 0 | 5,859,311 | 485,915 | 0.20 | 677.10 | 16.10 | 42.05 | 0.00 |
| 2012 | 1 | 1,313 | 20,418 | 878,608 | 129,848 | 1,035,287 | 0 | 5,839,734 | 422,097 | 0.22 | 669.16 | 15.55 | 43.03 | 0.00 |
|  | 2 | 678 | 11,471 | 465,773 | 68,637 | 547,229 | 1 | 4,995,681 | 292,462 | 0.14 | 686.98 | 16.92 | 40.60 | 0.02 |
|  | 3 | 598 | 9,930 | 400,278 | 57,957 | 470,852 | 0 | 3,881,389 | 304,042 | 0.15 | 669.36 | 16.61 | 40.31 | 0.00 |
|  | 4 | 566 | 8,891 | 369,225 | 53,137 | 432,765 | 0 | 3,840,094 | 309,821 | 0.15 | 652.34 | 15.71 | 41.53 | 0.00 |
|  | 5 | 179 | 2,794 | 119,163 | 17,489 | 137,803 | 1 | 3,824,001 | 126,771 | 0.05 | 665.72 | 15.61 | 42.65 | 0.07 |
|  | 6 | 174 | 2,649 | 112,708 | 16,830 | 129,639 | 1 | 1,456,602 | 116,502 | 0.12 | 647.75 | 15.22 | 42.55 | 0.08 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,434,969 | 3,929 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 20 | 798 | 33,907 | 22,794 | 39,439 | 0 | 109,148 | 8,828 | 0.18 | 1,695.35 | 39.90 | 42.49 | 0.00 |
|  | 2 | 11 | 532 | 20,787 | 2,966 | 23,308 | 0 | 105,084 | 7,994 | 0.10 | 1,889.73 | 48.36 | 39.07 | 0.00 |
|  | 3 | 15 | 734 | 23,606 | 3,660 | 29,590 | 0 | 105,931 | 8,904 | 0.14 | 1,573.73 | 48.93 | 32.16 | 0.00 |
|  | 4 | 456 | 18,359 | 778,984 | 171,205 | 917,603 | 0 | 2,009,991 | 162,929 | 0.23 | 1,708.30 | 40.26 | 42.43 | 0.00 |
|  | 5 | 375 | 15,765 | 648,365 | 98,997 | 758,050 | 0 | 2,042,343 | 169,861 | 0.18 | 1,728.97 | 42.04 | 41.13 | 0.00 |
|  | 6 | 363 | 15,220 | 613,932 | 139,150 | 719,110 | 3 | 2,058,908 | 165,076 | 0.18 | 1,691.27 | 41.93 | 40.34 | 0.04 |
|  | 7 | 331 | 13,870 | 554,878 | 85,468 | 653,793 | 0 | 2,072,237 | 170,914 | 0.16 | 1,676.37 | 41.90 | 40.01 | 0.00 |



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | pplied | Amount Supplied | D | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
| 2013 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 816 | 4,589 | 183,862 | 49,615 | 196,641 | 5 | 237,285 | 19,822 | 3.44 | 225.32 | 5.62 | 40.07 | 0.25 |
|  | 2 | 641 | 3,117 | 126,955 | 18,861 | 135,737 | 3 | 235,567 | 17,948 | 2.72 | 198.06 | 4.86 | 40.73 | 0.22 |
|  | 3 | 704 | 3,479 | 131,417 | 20,580 | 141,469 | 6 | 237,626 | 19,983 | 2.96 | 186.67 | 4.94 | 37.77 | 0.42 |
|  | 4 | 9,697 | 65,074 | 2,674,738 | 555,214 | 2,840,756 | 66 | 4,464,906 | 364,701 | 2.17 | 275.83 | 6.71 | 41.10 | 0.23 |
|  | 5 | 8,985 | 56,599 | 2,245,743 | 406,909 | 2,396,492 | 50 | 4,539,217 | 378,264 | 1.98 | 249.94 | 6.30 | 39.68 | 0.21 |
|  | 6 | 8,275 | 54,353 | 2,131,454 | 457,817 | 2,278,667 | 36 | 4,545,077 | 365,870 | 1.82 | 257.58 | 6.57 | 39.22 | 0.16 |
|  | 7 | 7,010 | 46,927 | 1,881,783 | 374,934 | 2,010,314 | 36 | 4,546,177 | 378,424 | 1.54 | 268.44 | 6.69 | 40.10 | 0.18 |
|  | 8 | 7,588 | 52,118 | 2,028,458 | 389,231 | 2,177,224 | 30 | 4,585,791 | 380,971 | 1.65 | 267.32 | 6.87 | 38.92 | 0.14 |
|  | 9 | 6,603 | 45,386 | 1,757,583 | 365,121 | 1,879,347 | 37 | 4,621,046 | 371,685 | 1.43 | 266.18 | 6.87 | 38.73 | 0.20 |
|  | 10 | 6,518 | 44,483 | 1,770,678 | 352,672 | 1,888,368 | 42 | 4,625,820 | 386,887 | 1.41 | 271.66 | 6.82 | 39.81 | 0.22 |
|  | 11 | 5,784 | 40,306 | 1,560,815 | 313,249 | 1,663,139 | 39 | 4,639,484 | 375,229 | 1.25 | 269.85 | 6.97 | 38.72 | 0.23 |
|  | 12 | 5,117 | 35,098 | 1,361,359 | 241,275 | 1,444,077 | 31 | 4,665,098 | 389,859 | 1.10 | 266.05 | 6.86 | 38.79 | 0.21 |
| 2007 | 1 | 5,702 | 45,090 | 1,718,960 | 367,124 | 1,834,114 | 31 | 4,442,591 | 371,327 | 1.28 | 301.47 | 7.91 | 38.12 | 0.17 |
|  | 2 | 4,885 | 38,307 | 1,472,391 | 280,353 | 1,566,582 | 29 | 4,390,730 | 335,051 | 1.11 | 301.41 | 7.84 | 38.44 | 0.19 |
|  | 3 | 4,678 | 36,384 | 1,397,149 | 280,638 | 1,486,592 | 21 | 4,396,190 | 371,165 | 1.06 | 298.66 | 7.78 | 38.40 | 0.14 |




| Year | Month | Users |  |  | Amount |  | Episodes | Eligible | Member- | Users / 1K Eligible | Days Supplied/ | Dispensings / | Days <br> Supplied/ | Episodes w/ Events / 10K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month <br> 2 | 3,933 | Dispensings $16,700$ | $694,443$ | $102,769$ | $731,674$ | $23$ | 8,339,907 | $637,565$ | $0.47$ | $176.57$ | $4.25$ | Dispensing $41.58$ | $0.31$ |
|  | 3 | 3,944 | 16,210 | 670,543 | 100,533 | 707,227 | 24 | 8,336,138 | 705,235 | 0.47 | 170.02 | 4.11 | 41.37 | 0.34 |
|  | 4 | 5,477 | 20,004 | 850,734 | 127,778 | 895,446 | 28 | 9,065,738 | 742,507 | 0.60 | 155.33 | 3.65 | 42.53 | 0.31 |
|  | 5 | 5,217 | 17,851 | 764,117 | 113,496 | 802,544 | 25 | 9,158,815 | 767,299 | 0.57 | 146.47 | 3.42 | 42.81 | 0.31 |
|  | 6 | 4,488 | 14,895 | 625,392 | 94,436 | 659,598 | 24 | 9,165,373 | 742,153 | 0.49 | 139.35 | 3.32 | 41.99 | 0.36 |
|  | 7 | 4,780 | 15,126 | 616,908 | 93,276 | 649,601 | 16 | 9,130,734 | 764,842 | 0.52 | 129.06 | 3.16 | 40.78 | 0.25 |
|  | 8 | 4,855 | 14,235 | 574,435 | 86,717 | 603,040 | 20 | 9,136,204 | 765,358 | 0.53 | 118.32 | 2.93 | 40.35 | 0.33 |
|  | 9 | 4,502 | 12,172 | 478,916 | 73,724 | 503,198 | 16 | 9,291,209 | 741,112 | 0.48 | 106.38 | 2.70 | 39.35 | 0.32 |
|  | 10 | 5,298 | 13,447 | 508,337 | 80,927 | 533,554 | 20 | 9,283,184 | 777,904 | 0.57 | 95.95 | 2.54 | 37.80 | 0.37 |
|  | 11 | 4,488 | 9,628 | 364,435 | 60,345 | 379,087 | 12 | 9,296,264 | 753,179 | 0.48 | 81.20 | 2.15 | 37.85 | 0.32 |
|  | 12 | 4,172 | 7,924 | 266,798 | 40,467 | 278,878 | 12 | 9,303,088 | 777,920 | 0.45 | 63.95 | 1.90 | 33.67 | 0.43 |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 105 | 2,148 | 85,441 | 30,144 | 90,969 | 1 | 208,981 | 14,648 | 0.50 | 813.72 | 20.46 | 39.78 | 0.11 |
|  | 2 | 85 | 1,557 | 65,866 | 9,393 | 69,519 | 1 | 174,008 | 13,195 | 0.49 | 774.89 | 18.32 | 42.30 | 0.14 |
|  | 3 | 90 | 1,964 | 68,399 | 10,330 | 74,379 | 1 | 175,882 | 14,719 | 0.51 | 759.99 | 21.82 | 34.83 | 0.13 |
|  | 4 | 2,269 | 46,986 | 1,950,868 | 403,223 | 2,055,420 | 45 | 3,626,595 | 293,598 | 0.63 | 859.79 | 20.71 | 41.52 | 0.22 |
|  | 5 | 1,806 | 39,150 | 1,562,603 | 278,792 | 1,656,023 | 24 | 3,693,329 | 305,889 | 0.49 | 865.23 | 21.68 | 39.91 | 0.14 |
|  | 6 | 1,837 | 39,103 | 1,530,852 | 322,590 | 1,624,463 | 23 | 3,722,959 | 297,591 | 0.49 | 833.34 | 21.29 | 39.15 | 0.14 |
|  | 7 | 1,703 | 35,069 | 1,403,563 | 269,471 | 1,489,996 | 28 | 3,749,749 | 306,864 | 0.45 | 824.17 | 20.59 | 40.02 | 0.19 |
|  | 8 | 1,919 | 39,616 | 1,545,662 | 283,666 | 1,654,743 | 21 | 3,748,548 | 309,143 | 0.51 | 805.45 | 20.64 | 39.02 | 0.13 |
|  | 9 | 1,771 | 36,379 | 1,410,037 | 296,932 | 1,502,579 | 22 | 3,781,535 | 301,979 | 0.47 | 796.18 | 20.54 | 38.76 | 0.15 |
|  | 10 | 1,760 | 36,279 | 1,438,481 | 276,713 | 1,532,382 | 27 | 3,788,182 | 314,380 | 0.46 | 817.32 | 20.61 | 39.65 | 0.18 |
|  | 11 | 1,672 | 34,048 | 1,324,789 | 265,405 | 1,411,308 | 21 | 3,795,365 | 305,212 | 0.44 | 792.34 | 20.36 | 38.91 | 0.15 |
|  | 12 | 1,471 | 30,106 | 1,168,705 | 197,614 | 1,239,039 | 25 | 3,814,789 | 316,960 | 0.39 | 794.50 | 20.47 | 38.82 | 0.20 |
| 2007 | 1 | 1,855 | 40,303 | 1,537,450 | 323,819 | 1,645,610 | 22 | 3,826,945 | 305,735 | 0.48 | 828.81 | 21.73 | 38.15 | 0.13 |
|  | 2 | 1,630 | 34,113 | 1,326,777 | 235,616 | 1,408,815 | 18 | 3,649,738 | 276,160 | 0.45 | 813.97 | 20.93 | 38.89 | 0.13 |
|  | 3 | 1,599 | 32,729 | 1,289,033 | 235,057 | 1,374,519 | 20 | 3,653,654 | 306,076 | 0.44 | 806.15 | 20.47 | 39.39 | 0.15 |
|  | 4 | 1,652 | 33,728 | 1,322,051 | 278,879 | 1,408,048 | 19 | 3,859,419 | 312,665 | 0.43 | 800.27 | 20.42 | 39.20 | 0.13 |
|  | 5 | 1,630 | 32,621 | 1,284,438 | 231,089 | 1,367,929 | 14 | 3,906,718 | 323,929 | 0.42 | 788.00 | 20.01 | 39.37 | 0.10 |
|  | 6 | 1,474 | 28,947 | 1,158,577 | 190,183 | 1,228,907 | 23 | 3,921,865 | 313,945 | 0.38 | 786.01 | 19.64 | 40.02 | 0.19 |
|  | 7 | 1,453 | 28,106 | 1,134,229 | 213,412 | 1,209,991 | 15 | 3,929,800 | 324,791 | 0.37 | 780.61 | 19.34 | 40.36 | 0.12 |
|  | 8 | 1,573 | 31,354 | 1,225,669 | 194,035 | 1,313,116 | 18 | 5,128,939 | 332,404 | 0.31 | 779.19 | 19.93 | 39.09 | 0.14 |
|  | 9 | 2,136 | 42,339 | 1,681,904 | 269,585 | 1,784,520 | 30 | 5,178,753 | 414,540 | 0.41 | 787.41 | 19.82 | 39.72 | 0.17 |
|  | 10 | 2,357 | 47,895 | 1,829,247 | 296,318 | 1,939,819 | 44 | 5,183,879 | 430,760 | 0.45 | 776.09 | 20.32 | 38.19 | 0.23 |
|  | 11 | 2,212 | 44,267 | 1,726,212 | 302,563 | 1,830,279 | 34 | 5,193,740 | 417,352 | 0.43 | 780.39 | 20.01 | 39.00 | 0.19 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 2,151 | 44,936 | 1,719,405 | 277,471 | 1,821,573 | 36 | 5,209,751 | 432,938 | 0.41 | 799.35 | 20.89 | 38.26 | 0.20 |
| 2008 | 1 | 3,056 | 63,103 | 2,492,475 | 381,046 | 2,639,241 | 57 | 5,218,219 | 403,325 | 0.59 | 815.60 | 20.65 | 39.50 | 0.22 |
|  | 2 | 2,695 | 57,191 | 2,224,705 | 363,489 | 2,356,433 | 43 | 4,824,545 | 374,335 | 0.56 | 825.49 | 21.22 | 38.90 | 0.18 |
|  | 3 | 3,024 | 62,204 | 2,506,281 | 399,552 | 2,645,613 | 49 | 7,438,908 | 405,239 | 0.41 | 828.80 | 20.57 | 40.29 | 0.19 |
|  | 4 | 4,780 | 86,694 | 3,796,876 | 646,584 | 4,000,991 | 68 | 7,396,422 | 595,908 | 0.65 | 794.33 | 18.14 | 43.80 | 0.17 |
|  | 5 | 3,924 | 72,950 | 3,077,078 | 465,585 | 3,260,810 | 41 | 7,482,552 | 618,372 | 0.52 | 784.17 | 18.59 | 42.18 | 0.13 |
|  | 6 | 3,619 | 68,246 | 2,844,466 | 433,206 | 2,996,116 | 60 | 7,531,033 | 600,762 | 0.48 | 785.98 | 18.86 | 41.68 | 0.20 |
|  | 7 | 3,606 | 66,419 | 2,763,181 | 480,692 | 2,915,647 | 62 | 7,567,072 | 621,816 | 0.48 | 766.27 | 18.42 | 41.60 | 0.21 |
|  | 8 | 3,424 | 61,764 | 2,572,071 | 432,589 | 2,726,790 | 55 | 7,544,489 | 624,941 | 0.45 | 751.19 | 18.04 | 41.64 | 0.20 |
|  | 9 | 3,440 | 63,895 | 2,627,377 | 430,402 | 2,769,049 | 78 | 7,615,189 | 606,196 | 0.45 | 763.77 | 18.57 | 41.12 | 0.28 |
|  | 10 | 3,594 | 64,546 | 2,650,850 | 432,029 | 2,806,491 | 58 | 7,622,131 | 630,217 | 0.47 | 737.58 | 17.96 | 41.07 | 0.21 |
|  | 11 | 3,212 | 56,773 | 2,372,673 | 379,937 | 2,513,809 | 33 | 7,617,592 | 611,153 | 0.42 | 738.69 | 17.68 | 41.79 | 0.13 |
|  | 12 | 3,315 | 58,562 | 2,408,583 | 399,329 | 2,550,406 | 51 | 7,649,293 | 634,471 | 0.43 | 726.57 | 17.67 | 41.13 | 0.20 |
| 2009 | 1 | 4,708 | 92,037 | 3,727,043 | 557,380 | 3,917,960 | 77 | 7,659,340 | 579,291 | 0.61 | 791.64 | 19.55 | 40.50 | 0.20 |
|  | 2 | 4,278 | 80,690 | 3,280,183 | 499,083 | 3,465,435 | 72 | 6,894,541 | 519,966 | 0.62 | 766.76 | 18.86 | 40.65 | 0.21 |
|  | 3 | 3,751 | 68,128 | 2,824,631 | 422,823 | 2,986,208 | 44 | 6,871,423 | 574,032 | 0.55 | 753.03 | 18.16 | 41.46 | 0.15 |
|  | 4 | 3,630 | 62,212 | 2,695,518 | 416,902 | 2,839,169 | 56 | 7,362,877 | 593,566 | 0.49 | 742.57 | 17.14 | 43.33 | 0.20 |
|  | 5 | 3,262 | 57,590 | 2,417,609 | 365,933 | 2,551,542 | 42 | 7,424,329 | 612,267 | 0.44 | 741.14 | 17.65 | 41.98 | 0.16 |
|  | 6 | 3,265 | 55,892 | 2,414,472 | 363,076 | 2,546,785 | 49 | 7,436,607 | 593,771 | 0.44 | 739.50 | 17.12 | 43.20 | 0.19 |
|  | 7 | 3,032 | 53,765 | 2,254,248 | 351,210 | 2,377,282 | 47 | 7,437,548 | 612,374 | 0.41 | 743.49 | 17.73 | 41.93 | 0.20 |
|  | 8 | 2,942 | 52,358 | 2,124,235 | 312,157 | 2,245,886 | 44 | 7,389,548 | 611,953 | 0.40 | 722.04 | 17.80 | 40.57 | 0.20 |
|  | 9 | 2,849 | 49,072 | 2,041,702 | 329,155 | 2,152,931 | 46 | 7,426,264 | 592,050 | 0.38 | 716.64 | 17.22 | 41.61 | 0.21 |
|  | 10 | 2,788 | 47,314 | 2,004,001 | 321,132 | 2,114,283 | 49 | 7,417,932 | 613,406 | 0.38 | 718.80 | 16.97 | 42.36 | 0.23 |
|  | 11 | 2,454 | 42,140 | 1,711,489 | 266,738 | 1,808,682 | 37 | 7,392,634 | 593,971 | 0.33 | 697.43 | 17.17 | 40.61 | 0.20 |
|  | 12 | 2,559 | 43,477 | 1,804,681 | 273,266 | 1,901,519 | 33 | 7,417,138 | 615,402 | 0.35 | 705.23 | 16.99 | 41.51 | 0.17 |
| 2010 | 1 | 2,594 | 45,374 | 1,897,960 | 287,870 | 1,994,898 | 48 | 7,413,441 | 560,435 | 0.35 | 731.67 | 17.49 | 41.83 | 0.24 |
|  | 2 | 2,275 | 40,450 | 1,668,712 | 246,952 | 1,760,460 | 34 | 6,657,841 | 502,928 | 0.34 | 733.50 | 17.78 | 41.25 | 0.19 |
|  | 3 | 2,298 | 40,189 | 1,668,034 | 252,218 | 1,762,932 | 34 | 6,639,043 | 555,839 | 0.35 | 725.86 | 17.49 | 41.50 | 0.19 |
|  | 4 | 2,498 | 40,428 | 1,781,025 | 265,131 | 1,876,186 | 42 | 7,219,612 | 584,180 | 0.35 | 712.98 | 16.18 | 44.05 | 0.22 |
|  | 5 | 2,444 | 40,345 | 1,745,428 | 256,760 | 1,839,098 | 38 | 7,300,351 | 604,924 | 0.33 | 714.17 | 16.51 | 43.26 | 0.21 |
|  | 6 | 2,396 | 39,178 | 1,697,997 | 256,642 | 1,793,938 | 34 | 7,338,548 | 586,771 | 0.33 | 708.68 | 16.35 | 43.34 | 0.19 |
|  | 7 | 2,211 | 36,235 | 1,560,610 | 233,871 | 1,642,750 | 42 | 7,339,671 | 604,251 | 0.30 | 705.84 | 16.39 | 43.07 | 0.26 |
|  | 8 | 2,293 | 37,142 | 1,610,081 | 241,292 | 1,690,113 | 39 | 7,281,146 | 604,160 | 0.31 | 702.17 | 16.20 | 43.35 | 0.23 |
|  | 9 | 2,075 | 33,420 | 1,411,746 | 214,596 | 1,486,698 | 39 | 7,316,802 | 584,796 | 0.28 | 680.36 | 16.11 | 42.24 | 0.26 |
|  | 10 | 2,035 | 33,022 | 1,414,320 | 214,464 | 1,492,146 | 17 | 7,310,700 | 606,497 | 0.28 | 695.00 | 16.23 | 42.83 | 0.11 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 1,978 | 32,153 | 1,344,840 | 197,848 | 1,417,651 | 31 | 7,306,188 | 587,495 | 0.27 | 679.90 | 16.26 | 41.83 | $0.22$ |
|  | 12 | 1,809 | 29,420 | 1,223,010 | 180,927 | 1,289,736 | 25 | 7,330,634 | 609,101 | 0.25 | 676.07 | 16.26 | 41.57 | 0.19 |
| 2011 | 1 | 2,116 | 34,633 | 1,486,844 | 221,772 | 1,561,341 | 30 | 7,331,682 | 558,610 | 0.29 | 702.67 | 16.37 | 42.93 | 0.19 |
|  | 2 | 1,883 | 31,506 | 1,303,620 | 195,205 | 1,374,439 | 35 | 6,638,518 | 502,242 | 0.28 | 692.31 | 16.73 | 41.38 | 0.25 |
|  | 3 | 2,035 | 32,999 | 1,407,492 | 206,414 | 1,480,397 | 31 | 6,636,503 | 555,269 | 0.31 | 691.64 | 16.22 | 42.65 | 0.21 |
|  | 4 | 2,252 | 34,118 | 1,512,138 | 224,482 | 1,593,103 | 27 | 7,158,623 | 579,695 | 0.31 | 671.46 | 15.15 | 44.32 | 0.17 |
|  | 5 | 2,075 | 31,546 | 1,368,040 | 210,778 | 1,438,888 | 27 | 7,214,296 | 599,123 | 0.29 | 659.30 | 15.20 | 43.37 | 0.19 |
|  | 6 | 1,957 | 28,643 | 1,267,069 | 190,492 | 1,334,237 | 23 | 7,220,922 | 579,795 | 0.27 | 647.45 | 14.64 | 44.24 | 0.17 |
|  | 7 | 1,796 | 26,845 | 1,168,963 | 172,384 | 1,229,501 | 24 | 7,223,156 | 594,721 | 0.25 | 650.87 | 14.95 | 43.54 | 0.20 |
|  | 8 | 1,944 | 28,405 | 1,240,413 | 182,278 | 1,306,019 | 16 | 7,168,716 | 595,175 | 0.27 | 638.07 | 14.61 | 43.67 | 0.12 |
|  | 9 | 1,744 | 26,091 | 1,095,321 | 160,130 | 1,156,248 | 21 | 7,225,842 | 576,657 | 0.24 | 628.05 | 14.96 | 41.98 | 0.18 |
|  | 10 | 1,683 | 24,151 | 1,050,743 | 156,910 | 1,109,753 | 16 | 7,227,337 | 599,683 | 0.23 | 624.33 | 14.35 | 43.51 | 0.14 |
|  | 11 | 1,667 | 23,809 | 1,011,634 | 148,724 | 1,068,178 | 22 | 7,232,437 | 581,203 | 0.23 | 606.86 | 14.28 | 42.49 | 0.21 |
|  | 12 | 1,632 | 23,018 | 961,879 | 143,717 | 1,015,447 | 28 | 7,263,595 | 602,849 | 0.22 | 589.39 | 14.10 | 41.79 | 0.28 |
| 2012 | 1 | 1,869 | 26,377 | 1,129,719 | 165,167 | 1,191,201 | 24 | 7,272,631 | 567,223 | 0.26 | 604.45 | 14.11 | 42.83 | 0.20 |
|  | 2 | 1,655 | 23,466 | 997,316 | 148,646 | 1,049,560 | 19 | 6,790,780 | 526,971 | 0.24 | 602.61 | 14.18 | 42.50 | 0.18 |
|  | 3 | 1,617 | 21,903 | 941,916 | 137,501 | 994,242 | 24 | 7,307,021 | 563,964 | 0.22 | 582.51 | 13.55 | 43.00 | 0.24 |
|  | 4 | 1,781 | 22,788 | 1,013,198 | 151,291 | 1,067,975 | 26 | 7,244,154 | 586,536 | 0.25 | 568.89 | 12.80 | 44.46 | 0.24 |
|  | 5 | 1,670 | 20,758 | 919,660 | 137,701 | 968,090 | 16 | 7,303,531 | 606,560 | 0.23 | 550.69 | 12.43 | 44.30 | 0.17 |
|  | 6 | 1,596 | 19,486 | 863,869 | 128,354 | 910,079 | 20 | 7,311,769 | 587,269 | 0.22 | 541.27 | 12.21 | 44.33 | 0.22 |
|  | 7 | 1,394 | 16,314 | 715,912 | 107,490 | 757,221 | 14 | 7,315,231 | 604,923 | 0.19 | 513.57 | 11.70 | 43.88 | 0.18 |
|  | 8 | 1,637 | 18,446 | 812,403 | 122,878 | 858,467 | 22 | 7,292,272 | 605,573 | 0.22 | 496.28 | 11.27 | 44.04 | 0.26 |
|  | 9 | 1,415 | 15,678 | 678,598 | 100,274 | 717,976 | 17 | 7,362,209 | 586,444 | 0.19 | 479.57 | 11.08 | 43.28 | 0.24 |
|  | 10 | 1,696 | 17,739 | 777,649 | 116,255 | 821,698 | 17 | 7,358,127 | 610,840 | 0.23 | 458.52 | 10.46 | 43.84 | 0.21 |
|  | 11 | 1,550 | 15,958 | 680,136 | 99,790 | 719,328 | 13 | 7,362,484 | 591,533 | 0.21 | 438.80 | 10.30 | 42.62 | 0.18 |
|  | 12 | 1,502 | 14,479 | 625,829 | 92,942 | 661,329 | 14 | 7,378,073 | 611,280 | 0.20 | 416.66 | 9.64 | 43.22 | 0.21 |
| 2013 | 1 | 1,579 | 14,397 | 630,560 | 93,676 | 664,883 | 10 | 7,345,739 | 525,034 | 0.21 | 399.34 | 9.12 | 43.80 | 0.15 |
|  | 2 | 665 | 7,109 | 278,075 | 40,777 | 296,860 | 1 | 6,218,547 | 346,495 | 0.11 | 418.16 | 10.69 | 39.12 | 0.03 |
|  | 3 | 646 | 6,859 | 257,812 | 38,425 | 274,158 | 4 | 4,521,441 | 377,265 | 0.14 | 399.09 | 10.62 | 37.59 | 0.15 |
|  | 4 | 694 | 6,704 | 262,171 | 39,343 | 279,491 | 0 | 4,789,817 | 386,026 | 0.14 | 377.77 | 9.66 | 39.11 | 0.00 |
|  | 5 | 295 | 2,779 | 112,487 | 16,308 | 119,552 | 1 | 4,751,364 | 167,546 | 0.06 | 381.31 | 9.42 | 40.48 | 0.08 |
|  | 6 | 256 | 2,313 | 90,729 | 13,692 | 96,813 | 1 | 1,940,729 | 154,524 | 0.13 | 354.41 | 9.04 | 39.23 | 0.10 |
|  | 7 | 16 | 121 | 5,586 | 945 | 5,840 | 0 | 1,908,331 | 5,225 | 0.01 | 349.13 | 7.56 | 46.17 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 46 | 1,367 | 58,532 | 26,306 | 61,162 | 0 | 152,329 | 11,882 | 0.30 | 1,272.43 | 29.72 | 42.82 | 0.00 |
|  | 2 | 34 | 982 | 41,129 | 5,864 | 42,560 | 1 | 141,575 | 10,742 | 0.24 | 1,209.68 | 28.88 | 41.88 | 0.23 |
|  | 3 | 36 | 1,220 | 42,988 | 6,420 | 45,855 | 0 | 142,753 | 11,941 | 0.25 | 1,194.11 | 33.89 | 35.24 | 0.00 |
|  | 4 | 1,144 | 33,980 | 1,408,340 | 283,673 | 1,467,521 | 32 | 3,005,841 | 243,812 | 0.38 | 1,231.07 | 29.70 | 41.45 | 0.22 |
|  | 5 | 920 | 28,126 | 1,141,653 | 185,617 | 1,195,307 | 15 | 3,062,550 | 253,664 | 0.30 | 1,240.93 | 30.57 | 40.59 | 0.13 |
|  | 6 | 901 | 27,654 | 1,096,098 | 235,846 | 1,149,397 | 12 | 3,081,650 | 246,663 | 0.29 | 1,216.53 | 30.69 | 39.64 | 0.10 |
|  | 7 | 806 | 24,516 | 981,621 | 156,967 | 1,029,732 | 18 | 3,102,935 | 255,902 | 0.26 | 1,217.89 | 30.42 | 40.04 | 0.17 |
|  | 8 | 925 | 27,555 | 1,087,306 | 180,861 | 1,148,425 | 16 | 3,120,348 | 258,009 | 0.30 | 1,175.47 | 29.79 | 39.46 | 0.14 |
|  | 9 | 829 | 25,341 | 970,028 | 183,055 | 1,022,060 | 10 | 3,149,311 | 252,213 | 0.26 | 1,170.12 | 30.57 | 38.28 | 0.10 |
|  | 10 | 862 | 25,573 | 1,020,399 | 177,098 | 1,073,065 | 21 | 3,156,078 | 262,630 | 0.27 | 1,183.76 | 29.67 | 39.90 | 0.20 |
|  | 11 | 806 | 23,658 | 929,345 | 178,154 | 976,943 | 12 | 3,162,706 | 254,748 | 0.25 | 1,153.03 | 29.35 | 39.28 | 0.12 |
|  | 12 | 686 | 20,886 | 806,860 | 130,667 | 843,333 | 16 | 3,175,841 | 264,241 | 0.22 | 1,176.18 | 30.45 | 38.63 | 0.19 |
| 2007 | 1 | 912 | 28,426 | 1,089,392 | 214,514 | 1,153,009 | 13 | 3,182,232 | 248,329 | 0.29 | 1,194.51 | 31.17 | 38.32 | 0.11 |
|  | 2 | 754 | 22,961 | 901,978 | 151,226 | 945,501 | 9 | 2,951,794 | 222,966 | 0.26 | 1,196.26 | 30.45 | 39.28 | 0.10 |
|  | 3 | 746 | 22,286 | 880,381 | 145,881 | 927,680 | 11 | 2,943,176 | 246,078 | 0.25 | 1,180.14 | 29.87 | 39.50 | 0.12 |
|  | 4 | 758 | 22,866 | 893,441 | 159,384 | 940,756 | 12 | 3,088,475 | 249,632 | 0.25 | 1,178.68 | 30.17 | 39.07 | 0.13 |
|  | 5 | 751 | 22,094 | 874,678 | 159,987 | 919,267 | 5 | 3,112,862 | 258,564 | 0.24 | 1,164.68 | 29.42 | 39.59 | 0.05 |
|  | 6 | 672 | 19,436 | 788,065 | 116,713 | 823,398 | 12 | 3,123,442 | 250,571 | 0.22 | 1,172.72 | 28.92 | 40.55 | 0.15 |
|  | 7 | 675 | 18,882 | 777,564 | 141,163 | 819,712 | 10 | 3,129,759 | 258,823 | 0.22 | 1,151.95 | 27.97 | 41.18 | 0.12 |
|  | 8 | 731 | 21,158 | 846,347 | 132,671 | 894,804 | 10 | 4,070,464 | 264,512 | 0.18 | 1,157.79 | 28.94 | 40.00 | 0.11 |
|  | 9 | 992 | 28,863 | 1,165,559 | 172,979 | 1,219,642 | 21 | 4,102,291 | 329,219 | 0.24 | 1,174.96 | 29.10 | 40.38 | 0.17 |
|  | 10 | 1,121 | 32,893 | 1,275,995 | 196,082 | 1,336,438 | 29 | 4,106,115 | 341,337 | 0.27 | 1,138.26 | 29.34 | 38.79 | 0.22 |
|  | 11 | 1,067 | 30,954 | 1,224,864 | 209,579 | 1,282,277 | 20 | 4,106,777 | 330,574 | 0.26 | 1,147.95 | 29.01 | 39.57 | 0.16 |
|  | 12 | 1,087 | 32,505 | 1,266,480 | 202,288 | 1,323,073 | 24 | 4,119,448 | 343,110 | 0.26 | 1,165.11 | 29.90 | 38.96 | 0.18 |
| 2008 | 1 | 1,582 | 45,265 | 1,834,096 | 278,680 | 1,916,895 | 38 | 4,129,160 | 323,379 | 0.38 | 1,159.35 | 28.61 | 40.52 | 0.20 |
|  | 2 | 1,418 | 41,830 | 1,654,029 | 262,724 | 1,732,809 | 30 | 3,863,817 | 300,741 | 0.37 | 1,166.45 | 29.50 | 39.54 | 0.17 |
|  | 3 | 1,589 | 44,661 | 1,842,409 | 296,238 | 1,921,710 | 36 | 5,745,749 | 325,573 | 0.28 | 1,159.48 | 28.11 | 41.25 | 0.19 |
|  | 4 | 2,277 | 57,858 | 2,594,032 | 441,983 | 2,704,457 | 40 | 5,720,566 | 461,698 | 0.40 | 1,139.23 | 25.41 | 44.83 | 0.15 |
|  | 5 | 1,757 | 47,756 | 2,035,571 | 304,924 | 2,130,952 | 20 | 5,779,436 | 477,258 | 0.30 | 1,158.55 | 27.18 | 42.62 | 0.09 |
|  | 6 | 1,690 | 45,777 | 1,926,582 | 294,528 | 2,007,778 | 37 | 5,795,476 | 463,297 | 0.29 | 1,139.99 | 27.09 | 42.09 | 0.18 |
|  | 7 | 1,653 | 43,630 | 1,853,488 | 326,791 | 1,931,640 | 40 | 5,819,900 | 479,061 | 0.28 | 1,121.29 | 26.39 | 42.48 | 0.21 |



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 857 | 16,952 | 753,947 | 109,109 | 785,655 | 14 | 5,823,512 | 482,969 | 0.15 | 879.75 | 19.78 | 44.48 | 0.18 |
|  | 8 | 939 | 18,577 | 803,805 | 118,888 | 839,810 | 8 | 5,808,561 | 483,524 | 0.16 | 856.02 | 19.78 | 43.27 | 0.10 |
|  | 9 | 848 | 16,974 | 713,367 | 103,845 | 744,340 | 10 | 5,853,601 | 468,428 | 0.14 | 841.23 | 20.02 | 42.03 | 0.13 |
|  | 10 | 818 | 15,048 | 669,251 | 101,459 | 699,251 | 10 | 5,854,462 | 487,019 | 0.14 | 818.16 | 18.40 | 44.47 | 0.14 |
|  | 11 | 838 | 15,662 | 660,724 | 97,865 | 691,719 | 15 | 5,856,484 | 471,865 | 0.14 | 788.45 | 18.69 | 42.19 | 0.22 |
|  | 12 | 795 | 14,769 | 609,679 | 90,071 | 637,582 | 13 | 5,880,150 | 487,575 | 0.14 | 766.89 | 18.58 | 41.28 | 0.20 |
| 2012 | 1 | 890 | 15,479 | 667,578 | 99,591 | 697,170 | 12 | 5,860,582 | 423,601 | 0.15 | 750.09 | 17.39 | 43.13 | 0.17 |
|  | 2 | 486 | 9,218 | 373,010 | 54,899 | 388,504 | 8 | 5,014,012 | 293,359 | 0.10 | 767.51 | 18.97 | 40.47 | 0.21 |
|  | 3 | 407 | 7,684 | 304,490 | 44,067 | 320,472 | 2 | 3,892,660 | 304,961 | 0.10 | 748.13 | 18.88 | 39.63 | 0.06 |
|  | 4 | 372 | 6,454 | 270,415 | 38,588 | 284,333 | 2 | 3,851,422 | 310,697 | 0.10 | 726.92 | 17.35 | 41.90 | 0.07 |
|  | 5 | 130 | 2,211 | 95,225 | 14,082 | 99,525 | 1 | 3,834,876 | 127,018 | 0.03 | 732.50 | 17.01 | 43.07 | 0.10 |
|  | 6 | 120 | 2,103 | 84,606 | 12,021 | 89,416 | 1 | 1,459,478 | 116,722 | 0.08 | 705.05 | 17.53 | 40.23 | 0.11 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,437,654 | 3,936 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 28 | 1,010 | 43,227 | 24,125 | 44,780 | 0 | 124,926 | 10,131 | 0.22 | 1,543.82 | 36.07 | 42.80 | 0.00 |
|  | 2 | 17 | 662 | 27,450 | 3,914 | 28,706 | 0 | 120,727 | 9,173 | 0.14 | 1,614.71 | 38.94 | 41.47 | 0.00 |
|  | 3 | 22 | 952 | 31,846 | 4,832 | 33,651 | 0 | 121,649 | 10,191 | 0.18 | 1,447.55 | 43.27 | 33.45 | 0.00 |




Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 16 | 676 | 28,746 | 22,058 | 29,632 | 0 | 109,136 | 8,827 | 0.15 | 1,796.63 | 42.25 | 42.52 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 20,343 | 0 | 105,069 | 7,993 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 8 | 445 | 15,269 | 2,176 | 16,235 | 0 | 105,923 | 8,903 | 0.08 | 1,908.63 | 55.63 | 34.31 | 0.00 |
|  | 4 | 358 | 15,313 | 655,003 | 153,394 | 675,538 | 9 | 2,008,686 | 162,804 | 0.18 | 1,829.62 | 42.77 | 42.77 | 0.13 |
|  | 5 | 294 | 13,201 | 547,624 | 84,570 | 566,976 | 5 | 2,041,200 | 169,740 | 0.14 | 1,862.67 | 44.90 | 41.48 | 0.09 |
|  | 6 | 256 | 11,839 | 480,446 | 109,754 | 493,205 | 7 | 2,057,833 | 164,968 | 0.12 | 1,876.74 | 46.25 | 40.58 | 0.14 |
|  | 7 | 252 | 11,361 | 455,477 | 68,340 | 470,187 | 7 | 2,071,255 | 170,811 | 0.12 | 1,807.45 | 45.08 | 40.09 | 0.15 |
|  | 8 | 238 | 10,631 | 435,396 | 82,647 | 457,084 | 4 | 2,080,493 | 172,100 | 0.11 | 1,829.39 | 44.67 | 40.96 | 0.09 |
|  | 9 | 216 | 10,043 | 400,426 | 60,501 | 414,350 | 6 | 2,098,247 | 168,159 | 0.10 | 1,853.82 | 46.50 | 39.87 | 0.14 |
|  | 10 | 251 | 10,897 | 451,808 | 71,734 | 467,270 | 6 | 2,099,524 | 174,732 | 0.12 | 1,800.03 | 43.41 | 41.46 | 0.13 |
|  | 11 | 211 | 9,113 | 369,829 | 67,320 | 377,544 | 8 | 2,098,068 | 169,399 | 0.10 | 1,752.74 | 43.19 | 40.58 | 0.21 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 183 | 8,261 | 338,758 | 56,894 | 345,777 | 8 | 2,106,687 | 175,714 | 0.09 | 1,851.14 | 45.14 | 41.01 | 0.23 |
| 2007 | 1 | 254 | 11,908 | 460,239 | 102,578 | 481,745 | 2 | 2,111,347 | 168,192 | 0.12 | 1,811.96 | 46.88 | 38.65 | 0.04 |
|  | 2 | 208 | 9,499 | 374,574 | 54,762 | 385,582 | 5 | 2,001,482 | 151,793 | 0.10 | 1,800.84 | 45.67 | 39.43 | 0.13 |
|  | 3 | 192 | 8,592 | 347,254 | 56,620 | 360,001 | 4 | 2,003,219 | 168,081 | 0.10 | 1,808.61 | 44.75 | 40.42 | 0.11 |
|  | 4 | 186 | 8,583 | 337,056 | 56,321 | 349,768 | 4 | 2,089,913 | 169,658 | 0.09 | 1,812.13 | 46.15 | 39.27 | 0.11 |
|  | 5 | 190 | 8,486 | 339,623 | 53,019 | 350,650 | 2 | 2,107,516 | 175,799 | 0.09 | 1,787.49 | 44.66 | 40.02 | 0.06 |
|  | 6 | 167 | 7,325 | 298,389 | 42,486 | 305,797 | 5 | 2,119,601 | 170,599 | 0.08 | 1,786.76 | 43.86 | 40.74 | 0.16 |
|  | 7 | 163 | 6,532 | 290,950 | 42,808 | 300,947 | 3 | 2,126,243 | 175,623 | 0.08 | 1,784.97 | 40.07 | 44.54 | 0.10 |
|  | 8 | 192 | 8,221 | 336,688 | 49,408 | 349,553 | 6 | 2,746,740 | 179,597 | 0.07 | 1,753.58 | 42.82 | 40.95 | 0.17 |
|  | 9 | 260 | 11,223 | 469,661 | 69,796 | 484,339 | 5 | 2,768,343 | 222,618 | 0.09 | 1,806.39 | 43.17 | 41.85 | 0.10 |
|  | 10 | 263 | 12,059 | 468,979 | 69,379 | 484,432 | 8 | 2,770,072 | 231,154 | 0.09 | 1,783.19 | 45.85 | 38.89 | 0.17 |
|  | 11 | 253 | 11,160 | 456,259 | 66,319 | 467,443 | 6 | 2,776,612 | 224,033 | 0.09 | 1,803.40 | 44.11 | 40.88 | 0.13 |
|  | 12 | 290 | 13,493 | 516,525 | 76,763 | 529,521 | 13 | 2,784,674 | 232,385 | 0.10 | 1,781.12 | 46.53 | 38.28 | 0.25 |
| 2008 | 1 | 382 | 16,145 | 679,970 | 98,043 | 699,927 | 11 | 2,788,436 | 217,394 | 0.14 | 1,780.03 | 42.26 | 42.12 | 0.16 |
|  | 2 | 350 | 16,104 | 638,420 | 94,021 | 661,840 | 7 | 2,598,294 | 202,927 | 0.13 | 1,824.06 | 46.01 | 39.64 | 0.11 |
|  | 3 | 381 | 16,243 | 681,817 | 100,140 | 699,758 | 8 | 3,638,735 | 219,574 | 0.10 | 1,789.55 | 42.63 | 41.98 | 0.11 |
|  | 4 | 501 | 20,775 | 899,535 | 140,394 | 927,962 | 9 | 3,626,071 | 294,438 | 0.14 | 1,795.48 | 41.47 | 43.30 | 0.10 |
|  | 5 | 416 | 17,547 | 747,404 | 111,224 | 774,948 | 6 | 3,675,092 | 305,637 | 0.11 | 1,796.64 | 42.18 | 42.59 | 0.08 |
|  | 6 | 391 | 16,651 | 692,509 | 102,803 | 713,228 | 11 | 3,699,391 | 296,849 | 0.11 | 1,771.12 | 42.59 | 41.59 | 0.15 |
|  | 7 | 358 | 14,559 | 630,220 | 92,582 | 644,277 | 14 | 3,720,601 | 306,168 | 0.10 | 1,760.39 | 40.67 | 43.29 | 0.22 |
|  | 8 | 338 | 13,949 | 585,888 | 85,112 | 606,768 | 5 | 3,695,127 | 308,032 | 0.09 | 1,733.40 | 41.27 | 42.00 | 0.08 |
|  | 9 | 380 | 16,182 | 660,983 | 102,444 | 681,189 | 8 | 3,717,394 | 298,547 | 0.10 | 1,739.43 | 42.58 | 40.85 | 0.12 |
|  | 10 | 355 | 14,959 | 622,494 | 91,260 | 644,591 | 4 | 3,718,523 | 309,914 | 0.10 | 1,753.50 | 42.14 | 41.61 | 0.06 |
|  | 11 | 340 | 13,419 | 582,790 | 87,270 | 605,386 | 2 | 3,723,883 | 300,388 | 0.09 | 1,714.09 | 39.47 | 43.43 | 0.03 |
|  | 12 | 319 | 12,965 | 545,445 | 81,234 | 562,378 | 5 | 3,735,909 | 311,596 | 0.09 | 1,709.86 | 40.64 | 42.07 | 0.09 |
| 2009 | 1 | 568 | 23,829 | 974,222 | 143,595 | 1,000,498 | 13 | 3,742,308 | 297,398 | 0.15 | 1,715.18 | 41.95 | 40.88 | 0.13 |
|  | 2 | 468 | 18,799 | 793,931 | 117,311 | 816,853 | 10 | 3,535,665 | 267,508 | 0.13 | 1,696.43 | 40.17 | 42.23 | 0.12 |
|  | 3 | 410 | 16,513 | 685,709 | 101,450 | 709,627 | 5 | 3,526,034 | 295,859 | 0.12 | 1,672.46 | 40.28 | 41.53 | 0.07 |
|  | 4 | 377 | 13,921 | 625,503 | 93,440 | 645,134 | 11 | 3,732,821 | 303,045 | 0.10 | 1,659.16 | 36.93 | 44.93 | 0.17 |
|  | 5 | 360 | 13,824 | 589,863 | 86,807 | 604,854 | 8 | 3,773,996 | 314,093 | 0.10 | 1,638.51 | 38.40 | 42.67 | 0.13 |
|  | 6 | 333 | 11,576 | 541,305 | 78,384 | 556,016 | 8 | 3,798,290 | 305,068 | 0.09 | 1,625.54 | 34.76 | 46.76 | 0.14 |
|  | 7 | 351 | 13,229 | 562,387 | 88,319 | 582,626 | 5 | 3,802,841 | 315,828 | 0.09 | 1,602.24 | 37.69 | 42.51 | 0.09 |
|  | 8 | 321 | 12,306 | 504,469 | 73,247 | 522,906 | 6 | 3,791,880 | 316,391 | 0.08 | 1,571.55 | 38.34 | 40.99 | 0.11 |
|  | 9 | 294 | 10,810 | 459,183 | 68,765 | 469,653 | 6 | 3,820,990 | 306,510 | 0.08 | 1,561.85 | 36.77 | 42.48 | 0.13 |
|  | 10 | 317 | 11,124 | 486,821 | 74,592 | 501,474 | 4 | 3,822,278 | 318,616 | 0.08 | 1,535.71 | 35.09 | 43.76 | 0.08 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members |  | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 258 | 9,039 | 390,743 | 56,931 | 402,348 | 4 | 3,822,677 | 308,748 | 0.07 | 1,514.51 | 35.03 | 43.23 | 0.10 |
|  | 12 | 305 | 10,874 | 452,438 | 64,415 | 467,751 | 4 | 3,837,449 | 319,101 | 0.08 | 1,483.40 | 35.65 | 41.61 | 0.09 |
| 2010 | 1 | 273 | 9,313 | 402,007 | 59,219 | 412,574 | 4 | 3,823,688 | 278,734 | 0.07 | 1,472.55 | 34.11 | 43.17 | 0.10 |
|  | 2 | 123 | 4,596 | 183,389 | 26,044 | 190,070 | 0 | 3,295,111 | 190,275 | 0.04 | 1,490.97 | 37.37 | 39.90 | 0.00 |
|  | 3 | 128 | 4,450 | 187,542 | 27,834 | 194,544 | 1 | 2,477,264 | 207,156 | 0.05 | 1,465.17 | 34.77 | 42.14 | 0.05 |
|  | 4 | 110 | 3,794 | 158,756 | 22,573 | 161,635 | 5 | 2,614,119 | 211,109 | 0.04 | 1,443.24 | 34.49 | 41.84 | 0.31 |
|  | 5 | 30 | 949 | 42,952 | 8,676 | 44,971 | 0 | 2,590,405 | 80,347 | 0.01 | 1,431.73 | 31.63 | 45.26 | 0.00 |
|  | 6 | 32 | 1,062 | 45,246 | 7,623 | 46,331 | 2 | 913,233 | 73,269 | 0.04 | 1,413.94 | 33.19 | 42.60 | 0.43 |
|  | 7 | 1 | 51 | 1,418 | 203 | 1,461 | 0 | 901,593 | 2,468 | 0.00 | 1,418.00 | 51.00 | 27.80 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 5 | 278 | 11,662 | 1,663 | 11,847 | 0 | 91,246 | 6,935 | 0.05 | 2,332.40 | 55.60 | 41.95 | 0.00 |
|  | 2 | 3 | 217 | 7,799 | 1,112 | 8,270 | 0 | 91,710 | 7,720 | 0.03 | 2,599.67 | 72.33 | 35.94 | 0.00 |
|  | 3 | 172 | 8,560 | 365,238 | 97,606 | 375,085 | 3 | 1,685,604 | 136,867 | 0.10 | 2,123.48 | 49.77 | 42.67 | 0.08 |
|  | 4 | 145 | 7,413 | 316,136 | 47,458 | 326,791 | 2 | 1,715,069 | 142,795 | 0.08 | 2,180.25 | 51.12 | 42.65 | 0.06 |
|  | 5 | 134 | 7,095 | 289,390 | 49,225 | 293,765 | 6 | 1,729,975 | 139,001 | 0.08 | 2,159.63 | 52.95 | 40.79 | 0.20 |
|  | 6 | 109 | 5,909 | 235,027 | 33,429 | 240,688 | 2 | 1,744,385 | 143,460 | 0.06 | 2,156.21 | 54.21 | 39.77 | 0.08 |
|  | 7 | 115 | 5,977 | 248,102 | 35,349 | 258,817 | 1 | 1,746,403 | 144,641 | 0.07 | 2,157.41 | 51.97 | 41.51 | 0.04 |
|  | 8 | 103 | 5,427 | 223,767 | 33,946 | 230,942 | 4 | 1,762,090 | 141,407 | 0.06 | 2,172.50 | 52.69 | 41.23 | 0.17 |
|  | 9 | 122 | 5,757 | 255,580 | 36,409 | 260,571 | 4 | 1,763,737 | 147,138 | 0.07 | 2,094.92 | 47.19 | 44.39 | 0.15 |
|  | 10 | 88 | 4,379 | 180,449 | 32,852 | 185,356 | 3 | 1,765,223 | 142,634 | 0.05 | 2,050.56 | 49.76 | 41.21 | 0.16 |
|  | 11 | 85 | 4,331 | 185,223 | 32,398 | 185,806 | 6 | 1,771,920 | 147,753 | 0.05 | 2,179.09 | 50.95 | 42.77 | 0.32 |
|  | 12 | 120 | 6,403 | 254,921 | 43,688 | 264,266 | 1 | 1,773,346 | 138,162 | 0.07 | 2,124.34 | 53.36 | 39.81 | 0.04 |
| 2007 | 1 | 93 | 4,966 | 197,169 | 28,117 | 199,635 | 4 | 1,642,150 | 124,404 | 0.06 | 2,120.10 | 53.40 | 39.70 | 0.20 |
|  | 2 | 86 | 4,449 | 182,682 | 31,743 | 189,520 | 1 | 1,640,896 | 137,627 | 0.05 | 2,124.21 | 51.73 | 41.06 | 0.05 |
|  | 3 | 83 | 4,757 | 177,591 | 29,271 | 184,070 | 1 | 1,700,115 | 137,939 | 0.05 | 2,139.65 | 57.31 | 37.33 | 0.05 |
|  | 4 | 82 | 4,150 | 169,407 | 28,787 | 174,115 | 1 | 1,711,752 | 142,735 | 0.05 | 2,065.94 | 50.61 | 40.82 | 0.06 |
|  | 5 | 76 | 3,826 | 157,302 | 22,413 | 158,385 | 4 | 1,718,653 | 138,272 | 0.04 | 2,069.76 | 50.34 | 41.11 | 0.25 |
|  | 6 | 65 | 3,007 | 139,477 | 19,884 | 143,563 | 0 | 1,720,110 | 141,708 | 0.04 | 2,145.80 | 46.26 | 46.38 | 0.00 |
|  | 7 | 86 | 4,081 | 174,225 | 24,948 | 179,240 | 3 | 2,261,042 | 144,955 | 0.04 | 2,025.87 | 47.45 | 42.69 | 0.17 |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | -- | -- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 816 | 4,589 | 183,862 | 49,615 | 265,006 | 7 | 237,285 | 19,822 | 3.44 | 225.32 | 5.62 | 40.07 | 0.26 |
|  | 2 | 641 | 3,117 | 126,955 | 18,861 | 194,139 | 5 | 235,567 | 17,948 | 2.72 | 198.06 | 4.86 | 40.73 | 0.26 |
|  | 3 | 704 | 3,479 | 131,417 | 20,580 | 209,781 | 6 | 237,626 | 19,983 | 2.96 | 186.67 | 4.94 | 37.77 | 0.29 |
|  | 4 | 9,697 | 65,074 | 2,674,738 | 555,214 | 3,798,079 | 106 | 4,464,906 | 364,701 | 2.17 | 275.83 | 6.71 | 41.10 | 0.28 |
|  | 5 | 8,985 | 56,599 | 2,245,743 | 406,909 | 3,292,255 | 75 | 4,539,217 | 378,264 | 1.98 | 249.94 | 6.30 | 39.68 | 0.23 |
|  | 6 | 8,275 | 54,353 | 2,131,454 | 457,817 | 3,087,740 | 56 | 4,545,077 | 365,870 | 1.82 | 257.58 | 6.57 | 39.22 | 0.18 |
|  | 7 | 7,010 | 46,927 | 1,881,783 | 374,934 | 2,680,854 | 57 | 4,546,177 | 378,424 | 1.54 | 268.44 | 6.69 | 40.10 | 0.21 |
|  | 8 | 7,588 | 52,118 | 2,028,458 | 389,231 | 2,914,788 | 44 | 4,585,791 | 380,971 | 1.65 | 267.32 | 6.87 | 38.92 | 0.15 |
|  | 9 | 6,603 | 45,386 | 1,757,583 | 365,121 | 2,519,600 | 52 | 4,621,046 | 371,685 | 1.43 | 266.18 | 6.87 | 38.73 | 0.21 |
|  | 10 | 6,518 | 44,483 | 1,770,678 | 352,672 | 2,531,084 | 55 | 4,625,820 | 386,887 | 1.41 | 271.66 | 6.82 | 39.81 | 0.22 |
|  | 11 | 5,784 | 40,306 | 1,560,815 | 313,249 | 2,225,021 | 56 | 4,639,484 | 375,229 | 1.25 | 269.85 | 6.97 | 38.72 | 0.25 |
|  | 12 | 5,117 | 35,098 | 1,361,359 | 241,275 | 1,943,114 | 41 | 4,665,098 | 389,859 | 1.10 | 266.05 | 6.86 | 38.79 | 0.21 |
| 2007 | 1 | 5,702 | 45,090 | 1,718,960 | 367,124 | 2,421,707 | 50 | 4,442,591 | 371,327 | 1.28 | 301.47 | 7.91 | 38.12 | 0.21 |
|  | 2 | 4,885 | 38,307 | 1,472,391 | 280,353 | 2,083,178 | 51 | 4,390,730 | 335,051 | 1.11 | 301.41 | 7.84 | 38.44 | 0.24 |
|  | 3 | 4,678 | 36,384 | 1,397,149 | 280,638 | 1,970,752 | 36 | 4,396,190 | 371,165 | 1.06 | 298.66 | 7.78 | 38.40 | 0.18 |
|  | 4 | 4,730 | 35,621 | 1,372,699 | 277,784 | 1,955,043 | 40 | 4,644,119 | 379,622 | 1.02 | 290.21 | 7.53 | 38.54 | 0.20 |
|  | 5 | 4,511 | 34,142 | 1,316,507 | 253,202 | 1,859,009 | 34 | 4,710,323 | 393,821 | 0.96 | 291.84 | 7.57 | 38.56 | 0.18 |
|  | 6 | 4,096 | 29,858 | 1,161,739 | 209,811 | 1,654,675 | 29 | 4,734,740 | 381,734 | 0.87 | 283.63 | 7.29 | 38.91 | 0.18 |
|  | 7 | 4,013 | 28,450 | 1,124,869 | 232,535 | 1,609,573 | 29 | 4,702,052 | 393,037 | 0.85 | 280.31 | 7.09 | 39.54 | 0.18 |
|  | 8 | 4,301 | 31,703 | 1,223,143 | 223,433 | 1,746,552 | 25 | 6,237,056 | 402,417 | 0.69 | 284.39 | 7.37 | 38.58 | 0.14 |
|  | 9 | 7,168 | 48,463 | 1,878,943 | 314,386 | 2,707,528 | 72 | 6,282,087 | 505,824 | 1.14 | 262.13 | 6.76 | 38.77 | 0.27 |
|  | 10 | 7,730 | 53,743 | 2,000,832 | 335,466 | 2,892,458 | 83 | 6,281,842 | 525,802 | 1.23 | 258.84 | 6.95 | 37.23 | 0.29 |
|  | 11 | 7,100 | 48,799 | 1,860,153 | 348,229 | 2,684,769 | 78 | 6,302,654 | 509,723 | 1.13 | 261.99 | 6.87 | 38.12 | 0.29 |
|  | 12 | 6,218 | 46,943 | 1,767,121 | 300,943 | 2,475,763 | 72 | 6,333,544 | 529,306 | 0.98 | 284.19 | 7.55 | 37.64 | 0.29 |
| 2008 | 1 | 8,134 | 66,751 | 2,552,119 | 417,285 | 3,535,015 | 95 | 6,061,269 | 506,737 | 1.34 | 313.76 | 8.21 | 38.23 | 0.27 |
|  | 2 | 7,412 | 61,203 | 2,321,895 | 375,961 | 3,229,876 | 91 | 6,043,500 | 473,896 | 1.23 | 313.26 | 8.26 | 37.94 | 0.28 |
|  | 3 | 8,349 | 68,056 | 2,672,679 | 434,667 | 3,692,637 | 89 | 9,556,870 | 515,023 | 0.87 | 320.12 | 8.15 | 39.27 | 0.24 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | 6,218 | 37,236 | 1,550,309 | 229,353 | 2,313,575 | 65 | 8,361,647 | 707,226 | 0.74 | 249.33 | 5.99 | 41.63 | 0.28 |
|  | 4 | 7,628 | 42,081 | 1,827,132 | 272,816 | 2,746,329 | 71 | 9,042,653 | 740,359 | 0.84 | 239.53 | 5.52 | 43.42 | 0.26 |
|  | 5 | 7,095 | 37,189 | 1,599,891 | 246,190 | 2,447,332 | 64 | 9,137,568 | 765,153 | 0.78 | 225.50 | 5.24 | 43.02 | 0.26 |
|  | 6 | 6,575 | 34,022 | 1,476,801 | 223,150 | 2,244,060 | 64 | 9,140,471 | 740,099 | 0.72 | 224.61 | 5.17 | 43.41 | 0.29 |
|  | 7 | 5,794 | 30,789 | 1,323,549 | 197,544 | 1,993,524 | 54 | 9,062,080 | 758,709 | 0.64 | 228.43 | 5.31 | 42.99 | 0.27 |
|  | 8 | 6,223 | 32,613 | 1,388,296 | 206,433 | 2,088,455 | 59 | 9,071,001 | 759,039 | 0.69 | 223.09 | 5.24 | 42.57 | 0.28 |
|  | 9 | 5,550 | 28,931 | 1,205,898 | 177,872 | 1,822,772 | 64 | 9,129,360 | 735,136 | 0.61 | 217.28 | 5.21 | 41.68 | 0.35 |
| 2012 | 10 | 5,436 | 27,472 | 1,159,874 | 173,966 | 1,767,773 | 44 | 9,122,165 | 763,764 | 0.60 | 213.37 | 5.05 | 42.22 | 0.25 |
|  | 11 | 5,187 | 26,286 | 1,097,690 | 161,665 | 1,651,597 | 60 | 9,148,528 | 740,515 | 0.57 | 211.62 | 5.07 | 41.76 | 0.36 |
|  | 12 | 5,108 | 25,098 | 1,045,354 | 159,069 | 1,593,895 | 38 | 9,196,532 | 768,287 | 0.56 | 204.65 | 4.91 | 41.65 | 0.24 |
|  | 1 | 5,279 | 29,511 | 1,233,856 | 181,780 | 1,842,152 | 57 | 8,369,166 | 700,933 | 0.63 | 233.73 | 5.59 | 41.81 | 0.31 |
|  | 2 | 5,040 | 26,964 | 1,132,686 | 169,659 | 1,703,206 | 53 | 8,359,321 | 655,339 | 0.60 | 224.74 | 5.35 | 42.01 | 0.31 |
|  | 3 | 4,902 | 24,983 | 1,058,769 | 155,965 | 1,631,321 | 64 | 9,066,645 | 701,228 | 0.54 | 215.99 | 5.10 | 42.38 | 0.39 |
|  | 4 | 5,971 | 28,536 | 1,267,079 | 189,043 | 1,934,732 | 62 | 8,954,327 | 733,286 | 0.67 | 212.21 | 4.78 | 44.40 | 0.32 |
| 2013 | 5 | 5,658 | 26,006 | 1,146,112 | 174,288 | 1,771,949 | 53 | 9,052,899 | 757,824 | 0.62 | 202.56 | 4.60 | 44.07 | 0.30 |
|  | 6 | 4,919 | 22,873 | 1,011,928 | 149,578 | 1,533,565 | 66 | 9,053,042 | 733,267 | 0.54 | 205.72 | 4.65 | 44.24 | 0.43 |
|  | 7 | 4,606 | 20,149 | 875,094 | 131,214 | 1,370,637 | 43 | 8,983,438 | 752,171 | 0.51 | 189.99 | 4.37 | 43.43 | 0.31 |
|  | 8 | 4,996 | 21,982 | 943,079 | 143,668 | 1,464,057 | 45 | 8,996,530 | 753,126 | 0.56 | 188.77 | 4.40 | 42.90 | 0.31 |
|  | 9 | 4,312 | 18,497 | 786,019 | 117,847 | 1,214,212 | 49 | 9,068,687 | 729,304 | 0.48 | 182.29 | 4.29 | 42.49 | 0.40 |
|  | 10 | 5,003 | 21,052 | 910,881 | 135,486 | 1,409,941 | 48 | 9,063,657 | 759,207 | 0.55 | 182.07 | 4.21 | 43.27 | 0.34 |
|  | 11 | 4,579 | 19,205 | 806,257 | 119,943 | 1,242,832 | 33 | 9,085,885 | 735,562 | 0.50 | 176.08 | 4.19 | 41.98 | 0.27 |
|  | 12 | 4,175 | 17,301 | 728,423 | 108,877 | 1,116,856 | 42 | 9,120,792 | 763,197 | 0.46 | 174.47 | 4.14 | 42.10 | 0.38 |
|  | 1 | 4,319 | 18,573 | 783,001 | 116,409 | 1,213,530 | 32 | 8,449,860 | 708,120 | 0.51 | 181.29 | 4.30 | 42.16 | 0.26 |
|  | 2 | 3,933 | 16,700 | 694,443 | 102,769 | 1,068,775 | 37 | 8,339,907 | 637,565 | 0.47 | 176.57 | 4.25 | 41.58 | 0.35 |
|  | 3 | 3,944 | 16,210 | 670,543 | 100,533 | 1,040,101 | 37 | 8,336,138 | 705,235 | 0.47 | 170.02 | 4.11 | 41.37 | 0.36 |
|  | 4 | 5,477 | 20,004 | 850,734 | 127,778 | 1,350,837 | 58 | 9,065,738 | 742,507 | 0.60 | 155.33 | 3.65 | 42.53 | 0.43 |
|  | 5 | 5,217 | 17,851 | 764,117 | 113,496 | 1,218,279 | 50 | 9,158,815 | 767,299 | 0.57 | 146.47 | 3.42 | 42.81 | 0.41 |
|  | 6 | 4,488 | 14,895 | 625,392 | 94,436 | 982,156 | 37 | 9,165,373 | 742,153 | 0.49 | 139.35 | 3.32 | 41.99 | 0.38 |
|  | 7 | 4,780 | 15,126 | 616,908 | 93,276 | 969,602 | 23 | 9,130,734 | 764,842 | 0.52 | 129.06 | 3.16 | 40.78 | 0.24 |
|  | 8 | 4,855 | 14,235 | 574,435 | 86,717 | 877,756 | 33 | 9,136,204 | 765,358 | 0.53 | 118.32 | 2.93 | 40.35 | 0.38 |
|  | 9 | 4,502 | 12,172 | 478,916 | 73,724 | 721,978 | 22 | 9,291,209 | 741,112 | 0.48 | 106.38 | 2.70 | 39.35 | 0.30 |
|  | 10 | 5,298 | 13,447 | 508,337 | 80,927 | 729,968 | 27 | 9,283,184 | 777,904 | 0.57 | 95.95 | 2.54 | 37.80 | 0.37 |
|  | 11 | 4,488 | 9,628 | 364,435 | 60,345 | 505,021 | 18 | 9,296,264 | 753,179 | 0.48 | 81.20 | 2.15 | 37.85 | 0.36 |
|  | 12 | 4,172 | 7,924 | 266,798 | 40,467 | 363,266 | 15 | 9,303,088 | 777,920 | 0.45 | 63.95 | 1.90 | 33.67 | 0.41 |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2006 | 1 | 53 | 1,498 | 62,674 | 26,894 | 71,207 | 0 | 152,329 | 11,882 | 0.35 | 1,182.53 | 28.26 | 41.84 | 0.00 |
|  | 2 | 41 | 1,065 | 45,587 | 6,500 | 51,063 | 1 | 141,568 | 10,741 | 0.29 | 1,111.88 | 25.98 | 42.80 | 0.20 |
|  | 3 | 48 | 1,451 | 50,188 | 7,448 | 59,779 | 0 | 142,739 | 11,939 | 0.34 | 1,045.58 | 30.23 | 34.59 | 0.00 |
|  | 4 | 1,342 | 36,752 | 1,529,922 | 320,405 | 1,729,559 | 38 | 3,005,815 | 243,802 | 0.45 | 1,140.03 | 27.39 | 41.63 | 0.22 |
|  | 5 | 1,053 | 30,206 | 1,221,406 | 211,940 | 1,387,756 | 20 | 3,062,327 | 253,640 | 0.34 | 1,159.93 | 28.69 | 40.44 | 0.14 |
|  | 6 | 1,043 | 30,014 | 1,182,596 | 255,800 | 1,347,938 | 20 | 3,081,296 | 246,629 | 0.34 | 1,133.84 | 28.78 | 39.40 | 0.15 |
|  | 7 | 947 | 26,579 | 1,068,189 | 183,480 | 1,217,142 | 23 | 3,102,441 | 255,855 | 0.31 | 1,127.97 | 28.07 | 40.19 | 0.19 |
|  | 8 | 1,084 | 30,060 | 1,184,125 | 201,599 | 1,362,254 | 19 | 3,119,718 | 257,950 | 0.35 | 1,092.37 | 27.73 | 39.39 | 0.14 |
|  | 9 | 1,011 | 27,970 | 1,078,885 | 210,939 | 1,244,741 | 18 | 3,148,527 | 252,142 | 0.32 | 1,067.15 | 27.67 | 38.57 | 0.14 |
|  | 10 | 1,022 | 27,933 | 1,116,159 | 197,938 | 1,280,541 | 23 | 3,155,119 | 262,542 | 0.32 | 1,092.13 | 27.33 | 39.96 | 0.18 |
|  | 11 | 952 | 25,822 | 1,017,050 | 194,690 | 1,169,184 | 15 | 3,161,592 | 254,652 | 0.30 | 1,068.33 | 27.12 | 39.39 | 0.13 |
|  | 12 | 828 | 23,031 | 892,281 | 143,017 | 1,015,730 | 18 | 3,174,592 | 264,130 | 0.26 | 1,077.63 | 27.82 | 38.74 | 0.18 |
| 2007 | 1 | 1,064 | 30,878 | 1,180,920 | 236,984 | 1,366,514 | 19 | 3,180,851 | 248,214 | 0.33 | 1,109.89 | 29.02 | 38.24 | 0.14 |
|  | 2 | 915 | 25,638 | 1,000,537 | 168,514 | 1,153,635 | 18 | 2,950,360 | 222,852 | 0.31 | 1,093.48 | 28.02 | 39.03 | 0.16 |
|  | 3 | 916 | 24,816 | 984,765 | 161,252 | 1,137,116 | 18 | 2,941,599 | 245,939 | 0.31 | 1,075.07 | 27.09 | 39.68 | 0.16 |
|  | 4 | 915 | 25,066 | 989,258 | 177,862 | 1,137,481 | 17 | 3,086,748 | 249,487 | 0.30 | 1,081.16 | 27.39 | 39.47 | 0.15 |
|  | 5 | 885 | 24,104 | 954,711 | 172,272 | 1,098,999 | 7 | 3,111,022 | 258,403 | 0.28 | 1,078.77 | 27.24 | 39.61 | 0.06 |
|  | 6 | 807 | 21,519 | 868,669 | 135,832 | 999,552 | 13 | 3,121,478 | 250,405 | 0.26 | 1,076.42 | 26.67 | 40.37 | 0.13 |
|  | 7 | 827 | 21,058 | 869,198 | 167,684 | 1,008,861 | 14 | 3,127,679 | 258,643 | 0.26 | 1,051.03 | 25.46 | 41.28 | 0.14 |
|  | 8 | 874 | 23,357 | 929,715 | 149,255 | 1,081,616 | 11 | 4,068,256 | 264,322 | 0.21 | 1,063.75 | 26.72 | 39.80 | 0.10 |
|  | 9 | 1,169 | 31,642 | 1,272,035 | 188,125 | 1,450,735 | 26 | 4,099,961 | 329,023 | 0.29 | 1,088.14 | 27.07 | 40.20 | 0.18 |
|  | 10 | 1,314 | 36,001 | 1,393,401 | 213,532 | 1,593,724 | 34 | 4,103,641 | 341,120 | 0.32 | 1,060.43 | 27.40 | 38.70 | 0.21 |
|  | 11 | 1,230 | 33,543 | 1,323,262 | 224,957 | 1,515,752 | 25 | 4,104,134 | 330,352 | 0.30 | 1,075.82 | 27.27 | 39.45 | 0.16 |
|  | 12 | 1,258 | 35,120 | 1,369,243 | 217,979 | 1,559,411 | 34 | 4,116,663 | 342,867 | 0.31 | 1,088.43 | 27.92 | 38.99 | 0.22 |
| 2008 | 1 | 1,875 | 49,841 | 2,011,380 | 306,220 | 2,310,358 | 49 | 4,126,225 | 323,132 | 0.45 | 1,072.74 | 26.58 | 40.36 | 0.21 |
|  | 2 | 1,650 | 45,546 | 1,795,056 | 288,081 | 2,058,125 | 43 | 3,860,779 | 300,494 | 0.43 | 1,087.91 | 27.60 | 39.41 | 0.21 |
|  | 3 | 1,864 | 49,004 | 2,010,435 | 323,558 | 2,298,409 | 53 | 5,742,512 | 325,291 | 0.32 | 1,078.56 | 26.29 | 41.03 | 0.23 |
|  | 4 | 2,747 | 64,810 | 2,879,726 | 493,999 | 3,299,587 | 59 | 5,717,091 | 461,397 | 0.48 | 1,048.32 | 23.59 | 44.43 | 0.18 |
|  | 5 | 2,226 | 54,340 | 2,322,221 | 348,055 | 2,673,359 | 38 | 5,775,538 | 476,912 | 0.39 | 1,043.23 | 24.41 | 42.74 | 0.14 |
|  | 6 | 2,111 | 51,591 | 2,183,010 | 341,014 | 2,501,431 | 50 | 5,791,160 | 462,929 | 0.36 | 1,034.11 | 24.44 | 42.31 | 0.20 |
|  | 7 | 2,075 | 49,781 | 2,106,588 | 377,932 | 2,423,291 | 51 | 5,815,203 | 478,650 | 0.36 | 1,015.22 | 23.99 | 42.32 | 0.21 |
|  | 8 | 1,909 | 45,451 | 1,920,979 | 316,575 | 2,217,728 | 42 | 5,792,318 | 480,079 | 0.33 | 1,006.28 | 23.81 | 42.26 | 0.19 |
|  | 9 | 1,973 | 48,474 | 2,009,350 | 329,937 | 2,299,954 | 58 | 5,830,674 | 465,438 | 0.34 | 1,018.42 | 24.57 | 41.45 | 0.25 |
|  | 10 | 1,910 | 46,352 | 1,938,661 | 313,016 | 2,231,619 | 32 | 5,832,579 | 483,192 | 0.33 | 1,015.01 | 24.27 | 41.82 | 0.14 |
|  | 11 | 1,718 | 41,092 | 1,747,346 | 274,782 | 2,011,191 | 23 | 5,823,964 | 468,425 | 0.29 | 1,017.08 | 23.92 | 42.52 | 0.11 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 1,795 | 43,005 | 1,803,651 | 292,632 | 2,073,783 | 35 | 5,846,027 | 486,016 | 0.31 | 1,004.82 | 23.96 | 41.94 | 0.17 |
| 2009 | 1 | 2,705 | 70,233 | 2,841,343 | 422,633 | 3,244,460 | 76 | 5,853,449 | 445,702 | 0.46 | 1,050.40 | 25.96 | 40.46 | 0.23 |
|  | 2 | 2,359 | 58,692 | 2,429,465 | 379,868 | 2,787,668 | 56 | 5,299,649 | 400,741 | 0.45 | 1,029.87 | 24.88 | 41.39 | 0.20 |
|  | 3 | 2,033 | 49,743 | 2,082,458 | 312,621 | 2,392,644 | 41 | 5,291,453 | 443,490 | 0.38 | 1,024.33 | 24.47 | 41.86 | 0.17 |
|  | 4 | 1,912 | 44,490 | 1,955,057 | 295,508 | 2,237,086 | 52 | 5,646,199 | 457,494 | 0.34 | 1,022.52 | 23.27 | 43.94 | 0.23 |
|  | 5 | 1,762 | 42,413 | 1,787,690 | 271,051 | 2,041,855 | 34 | 5,710,118 | 473,931 | 0.31 | 1,014.58 | 24.07 | 42.15 | 0.17 |
|  | 6 | 1,800 | 40,743 | 1,800,091 | 268,417 | 2,058,619 | 41 | 5,743,834 | 460,199 | 0.31 | 1,000.05 | 22.64 | 44.18 | 0.20 |
|  | 7 | 1,680 | 39,649 | 1,691,705 | 252,625 | 1,929,999 | 35 | 5,749,236 | 474,087 | 0.29 | 1,006.97 | 23.60 | 42.67 | 0.18 |
|  | 8 | 1,605 | 38,188 | 1,574,587 | 230,733 | 1,809,549 | 38 | 5,705,053 | 474,393 | 0.28 | 981.05 | 23.79 | 41.23 | 0.21 |
|  | 9 | 1,558 | 35,875 | 1,519,003 | 233,233 | 1,734,266 | 32 | 5,742,812 | 459,360 | 0.27 | 974.97 | 23.03 | 42.34 | 0.18 |
|  | 10 | 1,533 | 34,764 | 1,505,900 | 227,047 | 1,714,211 | 40 | 5,741,948 | 477,123 | 0.27 | 982.32 | 22.68 | 43.32 | 0.23 |
|  | 11 | 1,337 | 31,114 | 1,282,268 | 194,786 | 1,467,689 | 30 | 5,737,608 | 462,471 | 0.23 | 959.06 | 23.27 | 41.21 | 0.20 |
|  | 12 | 1,401 | 32,437 | 1,367,515 | 199,798 | 1,556,804 | 22 | 5,762,414 | 479,168 | 0.24 | 976.10 | 23.15 | 42.16 | 0.14 |
| 2010 | 1 | 1,492 | 34,075 | 1,443,090 | 216,741 | 1,648,129 | 42 | 5,762,107 | 441,598 | 0.26 | 967.22 | 22.84 | 42.35 | 0.25 |
|  | 2 | 1,298 | 30,275 | 1,264,527 | 183,429 | 1,436,695 | 30 | 5,242,862 | 396,974 | 0.25 | 974.21 | 23.32 | 41.77 | 0.21 |
|  | 3 | 1,327 | 30,113 | 1,267,559 | 184,345 | 1,456,981 | 25 | 5,235,193 | 438,403 | 0.25 | 955.21 | 22.69 | 42.09 | 0.17 |
|  | 4 | 1,392 | 29,705 | 1,328,442 | 196,228 | 1,507,681 | 31 | 5,672,820 | 459,955 | 0.25 | 954.34 | 21.34 | 44.72 | 0.21 |
|  | 5 | 1,407 | 30,118 | 1,327,454 | 195,561 | 1,506,627 | 33 | 5,735,778 | 476,290 | 0.25 | 943.46 | 21.41 | 44.08 | 0.22 |
|  | 6 | 1,384 | 29,738 | 1,304,920 | 197,524 | 1,484,786 | 26 | 5,764,899 | 462,024 | 0.24 | 942.86 | 21.49 | 43.88 | 0.18 |
|  | 7 | 1,245 | 27,272 | 1,179,777 | 179,344 | 1,333,844 | 27 | 5,765,015 | 475,805 | 0.22 | 947.61 | 21.91 | 43.26 | 0.20 |
|  | 8 | 1,325 | 27,814 | 1,231,916 | 183,686 | 1,388,666 | 33 | 5,716,398 | 475,935 | 0.23 | 929.75 | 20.99 | 44.29 | 0.24 |
|  | 9 | 1,153 | 24,584 | 1,053,001 | 159,287 | 1,191,454 | 32 | 5,746,678 | 460,728 | 0.20 | 913.27 | 21.32 | 42.83 | 0.27 |
|  | 10 | 1,195 | 25,427 | 1,108,532 | 168,943 | 1,249,232 | 14 | 5,741,595 | 477,852 | 0.21 | 927.64 | 21.28 | 43.60 | 0.11 |
|  | 11 | 1,151 | 24,496 | 1,036,209 | 153,824 | 1,167,865 | 22 | 5,741,366 | 462,545 | 0.20 | 900.27 | 21.28 | 42.30 | 0.19 |
|  | 12 | 1,061 | 22,502 | 948,019 | 140,672 | 1,070,608 | 17 | 5,753,985 | 479,371 | 0.18 | 893.51 | 21.21 | 42.13 | 0.16 |
| 2011 | 1 | 1,235 | 26,104 | 1,127,208 | 169,732 | 1,253,522 | 29 | 5,756,362 | 453,593 | 0.21 | 912.72 | 21.14 | 43.18 | 0.23 |
|  | 2 | 1,090 | 23,785 | 975,641 | 147,420 | 1,098,801 | 26 | 5,377,500 | 406,707 | 0.20 | 895.08 | 21.82 | 41.02 | 0.24 |
|  | 3 | 1,193 | 24,589 | 1,058,141 | 154,172 | 1,183,550 | 24 | 5,364,246 | 449,725 | 0.22 | 886.96 | 20.61 | 43.03 | 0.20 |
|  | 4 | 1,241 | 24,620 | 1,081,395 | 159,619 | 1,206,956 | 27 | 5,760,136 | 467,138 | 0.22 | 871.39 | 19.84 | 43.92 | 0.22 |
|  | 5 | 1,156 | 22,760 | 991,522 | 152,770 | 1,103,261 | 22 | 5,801,061 | 483,227 | 0.20 | 857.72 | 19.69 | 43.56 | 0.20 |
|  | 6 | 1,091 | 20,456 | 919,380 | 137,850 | 1,019,824 | 21 | 5,809,951 | 467,774 | 0.19 | 842.69 | 18.75 | 44.94 | 0.21 |
|  | 7 | 1,032 | 19,408 | 857,204 | 124,346 | 947,884 | 17 | 5,812,117 | 482,005 | 0.18 | 830.62 | 18.81 | 44.17 | 0.18 |
|  | 8 | 1,124 | 20,888 | 913,442 | 133,788 | 1,009,096 | 13 | 5,797,108 | 482,551 | 0.19 | 812.67 | 18.58 | 43.73 | 0.13 |
|  | 9 | 1,007 | 19,109 | 806,329 | 117,066 | 884,882 | 12 | 5,842,039 | 467,479 | 0.17 | 800.72 | 18.98 | 42.20 | 0.14 |
|  | 10 | 1,013 | 17,610 | 787,492 | 118,932 | 865,075 | 13 | 5,842,827 | 486,030 | 0.17 | 777.39 | 17.38 | 44.72 | 0.15 |

Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 976 | 17,334 | 742,853 | 109,979 | 809,940 | 16 | 5,844,720 | 470,901 | 0.17 | 761.12 | 17.76 | 42.86 | 0.20 |
|  | 12 | 946 | 16,808 | 699,242 | 104,877 | 759,524 | 19 | 5,868,343 | 486,574 | 0.16 | 739.16 | 17.77 | 41.60 | 0.25 |
| 2012 | 1 | 1,066 | 17,852 | 772,934 | 114,538 | 837,207 | 13 | 5,848,704 | 422,694 | 0.18 | 725.08 | 16.75 | 43.30 | 0.16 |
|  | 2 | 554 | 10,243 | 412,832 | 60,600 | 445,566 | 9 | 5,003,312 | 292,831 | 0.11 | 745.18 | 18.49 | 40.30 | 0.20 |
|  | 3 | 489 | 8,846 | 353,937 | 51,068 | 383,725 | 5 | 3,886,261 | 304,420 | 0.13 | 723.80 | 18.09 | 40.01 | 0.13 |
|  | 4 | 459 | 7,683 | 322,731 | 46,206 | 350,486 | 3 | 3,845,003 | 310,173 | 0.12 | 703.12 | 16.74 | 42.01 | 0.09 |
|  | 5 | 151 | 2,474 | 107,315 | 15,802 | 115,756 | 1 | 3,828,459 | 126,868 | 0.04 | 710.70 | 16.38 | 43.38 | 0.09 |
|  | 6 | 153 | 2,488 | 104,247 | 15,248 | 113,924 | 1 | 1,457,851 | 116,589 | 0.10 | 681.35 | 16.26 | 41.90 | 0.09 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,436,016 | 3,932 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 18 | 745 | 31,583 | 22,462 | 34,625 | 0 | 109,136 | 8,827 | 0.16 | 1,754.61 | 41.39 | 42.39 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 21,193 | 0 | 105,067 | 7,992 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 12 | 622 | 20,462 | 2,916 | 23,507 | 0 | 105,921 | 8,903 | 0.11 | 1,705.17 | 51.83 | 32.90 | 0.00 |
|  | 4 | 422 | 17,445 | 739,694 | 165,606 | 812,797 | 14 | 2,008,680 | 162,801 | 0.21 | 1,752.83 | 41.34 | 42.40 | 0.17 |
|  | 5 | 343 | 14,948 | 611,696 | 93,780 | 675,546 | 7 | 2,041,130 | 169,732 | 0.17 | 1,783.37 | 43.58 | 40.92 | 0.10 |
|  | 6 | 315 | 13,810 | 558,722 | 122,101 | 611,011 | 8 | 2,057,716 | 164,956 | 0.15 | 1,773.72 | 43.84 | 40.46 | 0.13 |
|  | 7 | 299 | 12,865 | 517,120 | 80,090 | 568,078 | 12 | 2,071,081 | 170,794 | 0.14 | 1,729.50 | 43.03 | 40.20 | 0.21 |
|  | 8 | 303 | 12,754 | 520,471 | 95,925 | 582,291 | 6 | 2,080,272 | 172,079 | 0.15 | 1,717.73 | 42.09 | 40.81 | 0.10 |



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

| Year | Month | Users | D | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 816 | 4,589 | 183,862 | 49,615 | 295,875 | 8 | 237,285 | 19,822 | 3.44 | 225.32 | 5.62 | 40.07 | 0.27 |
|  | 2 | 641 | 3,117 | 126,955 | 18,861 | 220,429 | 6 | 235,567 | 17,948 | 2.72 | 198.06 | 4.86 | 40.73 | 0.27 |
|  | 3 | 704 | 3,479 | 131,417 | 20,580 | 242,824 | 6 | 237,626 | 19,983 | 2.96 | 186.67 | 4.94 | 37.77 | 0.25 |
|  | 4 | 9,697 | 65,074 | 2,674,738 | 555,214 | 4,329,428 | 120 | 4,464,906 | 364,701 | 2.17 | 275.83 | 6.71 | 41.10 | 0.28 |
|  | 5 | 8,985 | 56,599 | 2,245,743 | 406,909 | 3,788,905 | 86 | 4,539,217 | 378,264 | 1.98 | 249.94 | 6.30 | 39.68 | 0.23 |
|  | 6 | 8,275 | 54,353 | 2,131,454 | 457,817 | 3,514,605 | 66 | 4,545,077 | 365,870 | 1.82 | 257.58 | 6.57 | 39.22 | 0.19 |
|  | 7 | 7,010 | 46,927 | 1,881,783 | 374,934 | 3,040,847 | 64 | 4,546,177 | 378,424 | 1.54 | 268.44 | 6.69 | 40.10 | 0.21 |
|  | 8 | 7,588 | 52,118 | 2,028,458 | 389,231 | 3,317,974 | 52 | 4,585,791 | 380,971 | 1.65 | 267.32 | 6.87 | 38.92 | 0.16 |
|  | 9 | 6,603 | 45,386 | 1,757,583 | 365,121 | 2,876,784 | 59 | 4,621,046 | 371,685 | 1.43 | 266.18 | 6.87 | 38.73 | 0.21 |
|  | 10 | 6,518 | 44,483 | 1,770,678 | 352,672 | 2,901,592 | 66 | 4,625,820 | 386,887 | 1.41 | 271.66 | 6.82 | 39.81 | 0.23 |
|  | 11 | 5,784 | 40,306 | 1,560,815 | 313,249 | 2,552,922 | 63 | 4,639,484 | 375,229 | 1.25 | 269.85 | 6.97 | 38.72 | 0.25 |
|  | 12 | 5,117 | 35,098 | 1,361,359 | 241,275 | 2,236,942 | 51 | 4,665,098 | 389,859 | 1.10 | 266.05 | 6.86 | 38.79 | 0.23 |
| 2007 | 1 | 5,702 | 45,090 | 1,718,960 | 367,124 | 2,769,712 | 57 | 4,442,591 | 371,327 | 1.28 | 301.47 | 7.91 | 38.12 | 0.21 |
|  | 2 | 4,885 | 38,307 | 1,472,391 | 280,353 | 2,403,450 | 60 | 4,390,730 | 335,051 | 1.11 | 301.41 | 7.84 | 38.44 | 0.25 |
|  | 3 | 4,678 | 36,384 | 1,397,149 | 280,638 | 2,265,454 | 43 | 4,396,190 | 371,165 | 1.06 | 298.66 | 7.78 | 38.40 | 0.19 |
|  | 4 | 4,730 | 35,621 | 1,372,699 | 277,784 | 2,255,030 | 46 | 4,644,119 | 379,622 | 1.02 | 290.21 | 7.53 | 38.54 | 0.20 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | 3,944 | 16,210 | 670,543 | 100,533 | 1,165,346 | 43 | 8,336,138 | 705,235 | 0.47 | 170.02 | 4.11 | 41.37 | 0.37 |
|  | 4 | 5,477 | 20,004 | 850,734 | 127,778 | 1,485,885 | 60 | 9,065,738 | 742,507 | 0.60 | 155.33 | 3.65 | 42.53 | 0.40 |
|  | 5 | 5,217 | 17,851 | 764,117 | 113,496 | 1,312,834 | 54 | 9,158,815 | 767,299 | 0.57 | 146.47 | 3.42 | 42.81 | 0.41 |
|  | 6 | 4,488 | 14,895 | 625,392 | 94,436 | 1,040,859 | 37 | 9,165,373 | 742,153 | 0.49 | 139.35 | 3.32 | 41.99 | 0.36 |
|  | 7 | 4,780 | 15,126 | 616,908 | 93,276 | 1,011,189 | 24 | 9,130,734 | 764,842 | 0.52 | 129.06 | 3.16 | 40.78 | 0.24 |
|  | 8 | 4,855 | 14,235 | 574,435 | 86,717 | 905,415 | 33 | 9,136,204 | 765,358 | 0.53 | 118.32 | 2.93 | 40.35 | 0.36 |
|  | 9 | 4,502 | 12,172 | 478,916 | 73,724 | 735,289 | 22 | 9,291,209 | 741,112 | 0.48 | 106.38 | 2.70 | 39.35 | 0.30 |
|  | 10 | 5,298 | 13,447 | 508,337 | 80,927 | 736,141 | 27 | 9,283,184 | 777,904 | 0.57 | 95.95 | 2.54 | 37.80 | 0.37 |
|  | 11 | 4,488 | 9,628 | 364,435 | 60,345 | 507,151 | 18 | 9,296,264 | 753,179 | 0.48 | 81.20 | 2.15 | 37.85 | 0.35 |
|  | 12 | 4,172 | 7,924 | 266,798 | 40,467 | 363,266 | 15 | 9,303,088 | 777,920 | 0.45 | 63.95 | 1.90 | 33.67 | 0.41 |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 58 | 1,545 | 64,830 | 27,202 | 79,328 | 0 | 152,329 | 11,882 | 0.38 | 1,117.76 | 26.64 | 41.96 | 0.00 |
|  | 2 | 45 | 1,098 | 47,129 | 6,720 | 56,768 | 1 | 141,563 | 10,741 | 0.32 | 1,047.31 | 24.40 | 42.92 | 0.18 |
|  | 3 | 51 | 1,489 | 51,254 | 7,600 | 66,689 | 0 | 142,730 | 11,938 | 0.36 | 1,004.98 | 29.20 | 34.42 | 0.00 |
|  | 4 | 1,491 | 38,245 | 1,590,762 | 330,165 | 1,940,283 | 44 | 3,005,803 | 243,795 | 0.50 | 1,066.91 | 25.65 | 41.59 | 0.23 |
|  | 5 | 1,183 | 31,604 | 1,275,211 | 223,468 | 1,564,368 | 22 | 3,062,166 | 253,620 | 0.39 | 1,077.95 | 26.72 | 40.35 | 0.14 |
|  | 6 | 1,174 | 31,454 | 1,236,383 | 267,884 | 1,525,911 | 23 | 3,081,009 | 246,600 | 0.38 | 1,053.14 | 26.79 | 39.31 | 0.15 |
|  | 7 | 1,070 | 27,917 | 1,119,015 | 194,864 | 1,381,007 | 25 | 3,102,027 | 255,816 | 0.34 | 1,045.81 | 26.09 | 40.08 | 0.18 |
|  | 8 | 1,201 | 31,369 | 1,231,195 | 218,688 | 1,528,139 | 23 | 3,119,186 | 257,900 | 0.39 | 1,025.14 | 26.12 | 39.25 | 0.15 |
|  | 9 | 1,159 | 29,565 | 1,140,641 | 224,623 | 1,435,772 | 22 | 3,147,883 | 252,084 | 0.37 | 984.16 | 25.51 | 38.58 | 0.15 |
|  | 10 | 1,168 | 29,562 | 1,176,776 | 212,756 | 1,471,443 | 26 | 3,154,338 | 262,471 | 0.37 | 1,007.51 | 25.31 | 39.81 | 0.18 |
|  | 11 | 1,101 | 27,498 | 1,078,537 | 205,116 | 1,354,522 | 21 | 3,160,670 | 254,571 | 0.35 | 979.60 | 24.98 | 39.22 | 0.16 |
|  | 12 | 959 | 24,407 | 946,439 | 151,413 | 1,176,667 | 23 | 3,173,530 | 264,035 | 0.30 | 986.90 | 25.45 | 38.78 | 0.20 |
| 2007 | 1 | 1,227 | 32,750 | 1,248,945 | 256,996 | 1,575,666 | 24 | 3,179,663 | 248,115 | 0.39 | 1,017.89 | 26.69 | 38.14 | 0.15 |
|  | 2 | 1,055 | 27,102 | 1,058,605 | 185,054 | 1,339,171 | 22 | 2,949,122 | 222,753 | 0.36 | 1,003.42 | 25.69 | 39.06 | 0.16 |
|  | 3 | 1,049 | 26,223 | 1,039,099 | 181,720 | 1,311,918 | 20 | 2,940,236 | 245,819 | 0.36 | 990.56 | 25.00 | 39.63 | 0.15 |
|  | 4 | 1,058 | 26,658 | 1,048,492 | 207,039 | 1,319,823 | 19 | 3,085,266 | 249,362 | 0.34 | 991.01 | 25.20 | 39.33 | 0.14 |
|  | 5 | 1,046 | 25,714 | 1,019,733 | 182,234 | 1,292,293 | 10 | 3,109,425 | 258,262 | 0.34 | 974.89 | 24.58 | 39.66 | 0.08 |
|  | 6 | 935 | 22,922 | 921,163 | 144,873 | 1,165,996 | 21 | 3,119,737 | 250,258 | 0.30 | 985.20 | 24.52 | 40.19 | 0.18 |
|  | 7 | 947 | 22,408 | 918,725 | 176,924 | 1,167,903 | 16 | 3,125,826 | 258,483 | 0.30 | 970.14 | 23.66 | 41.00 | 0.14 |
|  | 8 | 1,035 | 25,143 | 996,282 | 160,297 | 1,278,402 | 12 | 4,066,317 | 264,153 | 0.25 | 962.59 | 24.29 | 39.62 | 0.09 |
|  | 9 | 1,368 | 33,723 | 1,355,342 | 208,185 | 1,690,449 | 29 | 4,097,885 | 328,845 | 0.33 | 990.75 | 24.65 | 40.19 | 0.17 |
|  | 10 | 1,528 | 38,400 | 1,483,549 | 234,606 | 1,857,653 | 40 | 4,101,383 | 340,922 | 0.37 | 970.91 | 25.13 | 38.63 | 0.22 |
|  | 11 | 1,433 | 35,754 | 1,408,244 | 245,867 | 1,770,264 | 36 | 4,101,691 | 330,146 | 0.35 | 982.72 | 24.95 | 39.39 | 0.20 |
|  | 12 | 1,460 | 37,307 | 1,452,315 | 230,897 | 1,810,363 | 37 | 4,114,047 | 342,638 | 0.35 | 994.74 | 25.55 | 38.93 | 0.20 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2008 | Month 1 | 2,164 | $52,887$ | 2,129,899 | Supplied | 2,684,750 | $64$ | $4,123,422$ |  | $0.52$ |  | $24.44$ | $40.27$ | $0.24$ |
|  | 2 | 1,882 | 48,096 | 1,890,665 | 305,536 | 2,361,918 | 52 | 3,857,880 | 300,258 | 0.49 | 1,004.60 | 25.56 | 39.31 | 0.22 |
|  | 3 | 2,112 | 51,667 | 2,113,314 | 344,688 | 2,634,465 | 60 | 5,739,426 | 325,022 | 0.37 | 1,000.62 | 24.46 | 40.90 | 0.23 |
|  | 4 | 3,123 | 68,549 | 3,037,802 | 518,239 | 3,803,030 | 75 | 5,713,793 | 461,114 | 0.55 | 972.72 | 21.95 | 44.32 | 0.20 |
|  | 5 | 2,549 | 57,512 | 2,455,385 | 370,827 | 3,097,141 | 51 | 5,771,896 | 476,591 | 0.44 | 963.27 | 22.56 | 42.69 | 0.16 |
|  | 6 | 2,370 | 54,357 | 2,289,798 | 359,801 | 2,865,759 | 57 | 5,787,228 | 462,598 | 0.41 | 966.16 | 22.94 | 42.13 | 0.20 |
|  | 7 | 2,363 | 52,626 | 2,223,741 | 404,588 | 2,808,629 | 63 | 5,811,049 | 478,290 | 0.41 | 941.07 | 22.27 | 42.26 | 0.22 |
|  | 8 | 2,170 | 48,174 | 2,029,540 | 332,518 | 2,568,771 | 52 | 5,787,933 | 479,699 | 0.37 | 935.27 | 22.20 | 42.13 | 0.20 |
|  | 9 | 2,281 | 51,622 | 2,138,671 | 349,382 | 2,683,622 | 67 | 5,826,068 | 465,051 | 0.39 | 937.60 | 22.63 | 41.43 | 0.25 |
|  | 10 | 2,279 | 50,369 | 2,096,571 | 335,806 | 2,669,810 | 44 | 5,827,711 | 482,768 | 0.39 | 919.95 | 22.10 | 41.62 | 0.16 |
|  | 11 | 2,048 | 44,576 | 1,887,991 | 299,165 | 2,404,890 | 34 | 5,818,786 | 467,988 | 0.35 | 921.87 | 21.77 | 42.35 | 0.14 |
|  | 12 | 2,186 | 47,129 | 1,969,585 | 323,835 | 2,512,151 | 60 | 5,840,557 | 485,539 | 0.37 | 901.00 | 21.56 | 41.79 | 0.24 |
| 2009 | 1 | 3,307 | 76,429 | 3,093,082 | 460,363 | 3,930,881 | 103 | 5,847,645 | 445,221 | 0.57 | 935.31 | 23.11 | 40.47 | 0.26 |
|  | 2 | 2,867 | 63,984 | 2,641,231 | 413,089 | 3,369,845 | 73 | 5,293,685 | 400,268 | 0.54 | 921.25 | 22.32 | 41.28 | 0.22 |
|  | 3 | 2,540 | 54,862 | 2,290,631 | 352,448 | 2,946,393 | 52 | 5,285,031 | 442,928 | 0.48 | 901.82 | 21.60 | 41.75 | 0.18 |
|  | 4 | 2,354 | 48,660 | 2,137,060 | 322,398 | 2,725,506 | 56 | 5,639,330 | 456,918 | 0.42 | 907.84 | 20.67 | 43.92 | 0.21 |
|  | 5 | 2,160 | 46,196 | 1,952,268 | 298,187 | 2,477,934 | 42 | 5,702,878 | 473,307 | 0.38 | 903.83 | 21.39 | 42.26 | 0.17 |
|  | 6 | 2,183 | 44,547 | 1,959,174 | 292,139 | 2,483,739 | 56 | 5,736,270 | 459,566 | 0.38 | 897.47 | 20.41 | 43.98 | 0.23 |
|  | 7 | 2,052 | 43,493 | 1,844,548 | 282,342 | 2,339,536 | 43 | 5,741,343 | 473,412 | 0.36 | 898.90 | 21.20 | 42.41 | 0.18 |
|  | 8 | 1,989 | 41,969 | 1,735,156 | 253,788 | 2,224,188 | 48 | 5,696,916 | 473,692 | 0.35 | 872.38 | 21.10 | 41.34 | 0.22 |
|  | 9 | 1,963 | 39,840 | 1,687,106 | 263,897 | 2,161,902 | 38 | 5,734,356 | 458,655 | 0.34 | 859.45 | 20.30 | 42.35 | 0.18 |
|  | 10 | 1,928 | 38,671 | 1,670,137 | 263,046 | 2,126,453 | 50 | 5,733,154 | 476,367 | 0.34 | 866.25 | 20.06 | 43.19 | 0.24 |
|  | 11 | 1,674 | 34,377 | 1,420,786 | 220,061 | 1,823,755 | 44 | 5,728,498 | 461,714 | 0.29 | 848.74 | 20.54 | 41.33 | 0.24 |
|  | 12 | 1,750 | 36,063 | 1,510,899 | 220,777 | 1,918,643 | 37 | 5,753,031 | 478,361 | 0.30 | 863.37 | 20.61 | 41.90 | 0.19 |
| 2010 | 1 | 1,876 | 37,792 | 1,603,557 | 248,798 | 2,057,798 | 52 | 5,752,436 | 440,825 | 0.33 | 854.77 | 20.14 | 42.43 | 0.25 |
|  | 2 | 1,610 | 33,294 | 1,392,433 | 210,463 | 1,758,860 | 37 | 5,233,576 | 396,257 | 0.31 | 864.87 | 20.68 | 41.82 | 0.21 |
|  | 3 | 1,627 | 32,906 | 1,389,764 | 202,765 | 1,777,256 | 34 | 5,225,685 | 437,591 | 0.31 | 854.19 | 20.22 | 42.23 | 0.19 |
|  | 4 | 1,785 | 33,391 | 1,494,279 | 221,227 | 1,904,954 | 43 | 5,663,102 | 459,148 | 0.32 | 837.13 | 18.71 | 44.75 | 0.23 |
|  | 5 | 1,742 | 33,406 | 1,465,452 | 215,627 | 1,853,970 | 40 | 5,725,749 | 475,432 | 0.30 | 841.25 | 19.18 | 43.87 | 0.22 |
|  | 6 | 1,709 | 32,692 | 1,440,229 | 217,380 | 1,815,509 | 37 | 5,754,612 | 461,173 | 0.30 | 842.73 | 19.13 | 44.05 | 0.20 |
|  | 7 | 1,571 | 30,308 | 1,313,150 | 198,595 | 1,655,925 | 38 | 5,754,493 | 474,912 | 0.27 | 835.87 | 19.29 | 43.33 | 0.23 |
|  | 8 | 1,638 | 30,831 | 1,362,778 | 204,821 | 1,704,763 | 40 | 5,705,713 | 475,021 | 0.29 | 831.98 | 18.82 | 44.20 | 0.23 |
|  | 9 | 1,492 | 27,792 | 1,193,832 | 181,029 | 1,517,274 | 39 | 5,735,764 | 459,827 | 0.26 | 800.16 | 18.63 | 42.96 | 0.26 |
|  | 10 | 1,510 | 28,403 | 1,236,430 | 187,476 | 1,551,477 | 25 | 5,730,446 | 476,900 | 0.26 | 818.83 | 18.81 | 43.53 | 0.16 |
|  | 11 | 1,443 | 27,228 | 1,153,379 | 170,510 | 1,448,106 | 29 | 5,729,987 | 461,605 | 0.25 | 799.29 | 18.87 | 42.36 | 0.20 |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K <br> Eligible <br> Members |  | Dispensings/ User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 1,325 | 25,013 | 1,057,592 | 156,778 | 1,325,937 | 24 | 5,742,415 | 478,384 | 0.23 | 798.18 | 18.88 | 42.28 | 0.18 |
| 2011 | 1 | 1,561 | 29,161 | 1,262,768 | 189,394 | 1,562,408 | 35 | 5,744,613 | 452,644 | 0.27 | 808.95 | 18.68 | 43.30 | 0.22 |
|  | 2 | 1,367 | 26,422 | 1,087,973 | 163,313 | 1,360,227 | 32 | 5,366,204 | 405,839 | 0.25 | 795.88 | 19.33 | 41.18 | 0.24 |
|  | 3 | 1,494 | 27,383 | 1,179,865 | 172,106 | 1,464,350 | 35 | 5,352,785 | 448,747 | 0.28 | 789.74 | 18.33 | 43.09 | 0.24 |
|  | 4 | 1,540 | 27,221 | 1,204,426 | 177,155 | 1,486,587 | 36 | 5,748,448 | 466,174 | 0.27 | 782.09 | 17.68 | 44.25 | 0.24 |
|  | 5 | 1,457 | 25,579 | 1,115,152 | 172,169 | 1,374,749 | 25 | 5,789,169 | 482,215 | 0.25 | 765.38 | 17.56 | 43.60 | 0.18 |
|  | 6 | 1,366 | 22,880 | 1,032,023 | 154,889 | 1,264,318 | 23 | 5,797,859 | 466,779 | 0.24 | 755.51 | 16.75 | 45.11 | 0.18 |
|  | 7 | 1,268 | 21,560 | 955,040 | 138,607 | 1,153,807 | 23 | 5,799,838 | 480,965 | 0.22 | 753.19 | 17.00 | 44.30 | 0.20 |
|  | 8 | 1,366 | 23,033 | 1,007,506 | 147,050 | 1,217,577 | 17 | 5,784,745 | 481,499 | 0.24 | 737.56 | 16.86 | 43.74 | 0.14 |
|  | 9 | 1,217 | 21,069 | 890,954 | 129,326 | 1,063,019 | 17 | 5,829,527 | 466,452 | 0.21 | 732.09 | 17.31 | 42.29 | 0.16 |
|  | 10 | 1,197 | 19,342 | 863,271 | 129,636 | 1,020,888 | 15 | 5,830,210 | 484,960 | 0.21 | 721.20 | 16.16 | 44.63 | 0.15 |
|  | 11 | 1,162 | 19,020 | 817,056 | 120,479 | 959,793 | 21 | 5,832,026 | 469,859 | 0.20 | 703.15 | 16.37 | 42.96 | 0.22 |
|  | 12 | 1,161 | 18,716 | 785,532 | 117,464 | 929,863 | 23 | 5,855,552 | 485,489 | 0.20 | 676.60 | 16.12 | 41.97 | 0.25 |
| 2012 | 1 | 1,291 | 19,993 | 863,207 | 127,668 | 1,012,134 | 16 | 5,835,806 | 421,705 | 0.22 | 668.63 | 15.49 | 43.18 | 0.16 |
|  | 2 | 669 | 11,308 | 459,827 | 67,800 | 536,250 | 10 | 4,991,633 | 292,254 | 0.13 | 687.33 | 16.90 | 40.66 | 0.19 |
|  | 3 | 594 | 9,826 | 397,176 | 57,511 | 464,767 | 9 | 3,879,265 | 303,831 | 0.15 | 668.65 | 16.54 | 40.42 | 0.19 |
|  | 4 | 558 | 8,684 | 363,320 | 52,302 | 424,817 | 7 | 3,837,991 | 309,600 | 0.15 | 651.11 | 15.56 | 41.84 | 0.16 |
|  | 5 | 177 | 2,769 | 117,980 | 17,324 | 135,847 | 1 | 3,821,448 | 126,706 | 0.05 | 666.55 | 15.64 | 42.61 | 0.07 |
|  | 6 | 172 | 2,638 | 111,846 | 16,706 | 128,094 | 1 | 1,456,108 | 116,447 | 0.12 | 650.27 | 15.34 | 42.40 | 0.08 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,434,281 | 3,927 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 20 | 798 | 33,907 | 22,794 | 39,439 | 0 | 109,136 | 8,827 | 0.18 | 1,695.35 | 39.90 | 42.49 | 0.00 |
|  | 2 | 11 | 532 | 20,787 | 2,966 | 23,308 | 0 | 105,065 | 7,992 | 0.10 | 1,889.73 | 48.36 | 39.07 | 0.00 |
|  | 3 | 15 | 734 | 23,606 | 3,660 | 29,590 | 0 | 105,918 | 8,902 | 0.14 | 1,573.73 | 48.93 | 32.16 | 0.00 |
|  | 4 | 453 | 18,253 | 775,046 | 170,637 | 898,942 | 19 | 2,008,675 | 162,799 | 0.23 | 1,710.92 | 40.29 | 42.46 | 0.21 |
|  | 5 | 374 | 15,728 | 646,427 | 98,720 | 753,578 | 7 | 2,041,095 | 169,728 | 0.18 | 1,728.41 | 42.05 | 41.10 | 0.09 |
|  | 6 | 359 | 15,053 | 608,325 | 138,351 | 705,022 | 9 | 2,057,652 | 164,950 | 0.17 | 1,694.50 | 41.93 | 40.41 | 0.13 |
|  | 7 | 326 | 13,655 | 547,155 | 84,370 | 635,358 | 12 | 2,070,973 | 170,785 | 0.16 | 1,678.39 | 41.89 | 40.07 | 0.19 |
|  | 8 | 338 | 13,752 | 559,632 | 101,499 | 665,039 | 6 | 2,080,142 | 172,066 | 0.16 | 1,655.72 | 40.69 | 40.69 | 0.09 |
|  | 9 | 297 | 12,714 | 499,799 | 74,640 | 588,455 | 8 | 2,097,804 | 168,121 | 0.14 | 1,682.82 | 42.81 | 39.31 | 0.14 |
|  | 10 | 344 | 13,839 | 564,308 | 90,546 | 665,605 | 11 | 2,099,015 | 174,685 | 0.16 | 1,640.43 | 40.23 | 40.78 | 0.17 |
|  | 11 | 310 | 12,159 | 492,198 | 98,424 | 576,702 | 10 | 2,097,475 | 169,346 | 0.15 | 1,587.74 | 39.22 | 40.48 | 0.17 |
|  | 12 | 268 | 11,036 | 441,155 | 71,442 | 512,783 | 11 | 2,106,000 | 175,652 | 0.13 | 1,646.10 | 41.18 | 39.97 | 0.21 |
| 2007 | 1 | 391 | 16,067 | 625,455 | 127,562 | 751,012 | 8 | 2,110,583 | 168,125 | 0.19 | 1,599.63 | 41.09 | 38.93 | 0.11 |
|  | 2 | 309 | 12,580 | 496,995 | 73,546 | 592,539 | 7 | 2,000,625 | 151,725 | 0.15 | 1,608.40 | 40.71 | 39.51 | 0.12 |
|  | 3 | 303 | 11,828 | 478,749 | 80,888 | 568,826 | 7 | 2,002,271 | 167,996 | 0.15 | 1,580.03 | 39.04 | 40.48 | 0.12 |
|  | 4 | 288 | 11,506 | 462,143 | 74,172 | 544,613 | 7 | 2,088,865 | 169,569 | 0.14 | 1,604.66 | 39.95 | 40.17 | 0.13 |
|  | 5 | 271 | 10,852 | 439,032 | 72,246 | 513,423 | 4 | 2,106,371 | 175,699 | 0.13 | 1,620.04 | 40.04 | 40.46 | 0.08 |
|  | 6 | 258 | 9,985 | 410,969 | 58,960 | 485,543 | 9 | 2,118,380 | 170,496 | 0.12 | 1,592.90 | 38.70 | 41.16 | 0.19 |
|  | 7 | 242 | 8,822 | 388,559 | 71,199 | 458,083 | 7 | 2,124,943 | 175,511 | 0.11 | 1,605.62 | 36.45 | 44.04 | 0.15 |
|  | 8 | 287 | 10,929 | 452,686 | 65,916 | 532,052 | 6 | 2,745,381 | 179,479 | 0.10 | 1,577.30 | 38.08 | 41.42 | 0.11 |
|  | 9 | 381 | 14,828 | 615,516 | 92,008 | 715,036 | 10 | 2,766,899 | 222,495 | 0.14 | 1,615.53 | 38.92 | 41.51 | 0.14 |
|  | 10 | 380 | 15,761 | 611,918 | 91,677 | 708,728 | 12 | 2,768,518 | 231,018 | 0.14 | 1,610.31 | 41.48 | 38.82 | 0.17 |
|  | 11 | 399 | 15,582 | 632,900 | 105,509 | 734,964 | 14 | 2,774,956 | 223,893 | 0.14 | 1,586.22 | 39.05 | 40.62 | 0.19 |
|  | 12 | 444 | 18,072 | 704,568 | 103,487 | 817,871 | 17 | 2,782,889 | 232,228 | 0.16 | 1,586.86 | 40.70 | 38.99 | 0.21 |
| 2008 | 1 | 584 | 22,026 | 927,654 | 135,370 | 1,078,815 | 20 | 2,786,515 | 217,236 | 0.21 | 1,588.45 | 37.72 | 42.12 | 0.19 |
|  | 2 | 529 | 21,552 | 856,956 | 125,339 | 989,524 | 16 | 2,596,336 | 202,767 | 0.20 | 1,619.95 | 40.74 | 39.76 | 0.16 |
|  | 3 | 585 | 22,088 | 930,583 | 137,933 | 1,074,943 | 14 | 3,636,620 | 219,387 | 0.16 | 1,590.74 | 37.76 | 42.13 | 0.13 |
|  | 4 | 786 | 28,338 | 1,248,433 | 206,948 | 1,443,555 | 24 | 3,623,766 | 294,238 | 0.22 | 1,588.34 | 36.05 | 44.06 | 0.17 |
|  | 5 | 627 | 23,315 | 1,003,057 | 148,813 | 1,152,206 | 14 | 3,672,525 | 305,411 | 0.17 | 1,599.77 | 37.19 | 43.02 | 0.12 |
|  | 6 | 589 | 22,058 | 932,368 | 137,961 | 1,071,442 | 16 | 3,696,634 | 296,616 | 0.16 | 1,582.97 | 37.45 | 42.27 | 0.15 |
|  | 7 | 551 | 19,956 | 864,738 | 128,195 | 991,097 | 22 | 3,717,677 | 305,915 | 0.15 | 1,569.40 | 36.22 | 43.33 | 0.22 |
|  | 8 | 536 | 19,488 | 824,908 | 121,374 | 956,167 | 13 | 3,692,040 | 307,763 | 0.15 | 1,539.01 | 36.36 | 42.33 | 0.14 |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users |  | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | -- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | -- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | -- | -- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | -- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | - | -- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | -- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 799 | 4,508 | 178,873 | 48,904 | 188,233 | 18 | 236,012 | 19,690 | 3.39 | 223.87 | 5.64 | 39.68 | 0.96 |
|  | 2 | 631 | 3,080 | 125,579 | 18,665 | 130,921 | 16 | 234,271 | 17,827 | 2.69 | 199.02 | 4.88 | 40.77 | 1.22 |
|  | 3 | 689 | 3,395 | 129,002 | 20,239 | 136,054 | 15 | 236,373 | 19,850 | 2.91 | 187.23 | 4.93 | 38.00 | 1.10 |
|  | 4 | 9,513 | 63,866 | 2,628,936 | 547,561 | 2,710,483 | 277 | 4,444,557 | 362,641 | 2.14 | 276.35 | 6.71 | 41.16 | 1.02 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 3 | 4,826 | 24,546 | 1,037,763 | 152,653 | 1,072,530 | 131 | 9,029,788 | 697,679 | 0.53 | 215.04 | 5.09 | 42.28 | 1.22 |
|  | 4 | 5,853 | 27,909 | 1,241,333 | 185,780 | 1,284,480 | 145 | 8,917,945 | 729,449 | 0.66 | 212.08 | 4.77 | 44.48 | 1.13 |
|  | 5 | 5,563 | 25,602 | 1,131,474 | 171,068 | 1,164,330 | 152 | 9,016,612 | 753,811 | 0.62 | 203.39 | 4.60 | 44.19 | 1.31 |
|  | 6 | 4,823 | 22,408 | 993,572 | 146,756 | 1,024,145 | 140 | 9,015,736 | 729,348 | 0.53 | 206.01 | 4.65 | 44.34 | 1.37 |
|  | 7 | 4,538 | 19,870 | 864,193 | 129,218 | 892,468 | 116 | 8,946,574 | 748,129 | 0.51 | 190.43 | 4.38 | 43.49 | 1.30 |
|  | 8 | 4,898 | 21,527 | 922,245 | 140,397 | 956,273 | 115 | 8,960,018 | 749,115 | 0.55 | 188.29 | 4.40 | 42.84 | 1.20 |
|  | 9 | 4,225 | 18,079 | 771,009 | 115,811 | 798,814 | 98 | 9,031,300 | 725,431 | 0.47 | 182.49 | 4.28 | 42.65 | 1.23 |
|  | 10 | 4,895 | 20,698 | 895,143 | 133,261 | 927,671 | 113 | 9,027,276 | 755,186 | 0.54 | 182.87 | 4.23 | 43.25 | 1.22 |
|  | 11 | 4,481 | 18,747 | 788,735 | 117,307 | 814,525 | 105 | 9,049,219 | 731,688 | 0.50 | 176.02 | 4.18 | 42.07 | 1.29 |
|  | 12 | 4,078 | 16,869 | 712,475 | 106,571 | 739,367 | 87 | 9,084,434 | 759,198 | 0.45 | 174.71 | 4.14 | 42.24 | 1.18 |
|  | 1 | 4,258 | 18,244 | 770,208 | 114,425 | 797,866 | 94 | 8,416,847 | 704,445 | 0.51 | 180.88 | 4.28 | 42.22 | 1.18 |
|  | 2 | 3,869 | 16,367 | 682,732 | 100,993 | 708,665 | 97 | 8,305,403 | 634,210 | 0.47 | 176.46 | 4.23 | 41.71 | 1.37 |
|  | 3 | 3,876 | 15,978 | 661,611 | 99,604 | 687,790 | 99 | 8,301,736 | 701,526 | 0.47 | 170.69 | 4.12 | 41.41 | 1.44 |
|  | 4 | 5,367 | 19,673 | 836,601 | 125,853 | 871,932 | 106 | 9,028,027 | 738,512 | 0.59 | 155.88 | 3.67 | 42.53 | 1.22 |
|  | 5 | 5,088 | 17,408 | 745,156 | 110,816 | 776,380 | 93 | 9,121,558 | 763,181 | 0.56 | 146.45 | 3.42 | 42.81 | 1.20 |
|  | 6 | 4,402 | 14,603 | 615,490 | 92,662 | 643,094 | 87 | 9,126,559 | 738,132 | 0.48 | 139.82 | 3.32 | 42.15 | 1.35 |
|  | 7 | 4,663 | 14,735 | 601,751 | 90,908 | 628,432 | 71 | 9,092,883 | 760,659 | 0.51 | 129.05 | 3.16 | 40.84 | 1.13 |
|  | 8 | 4,758 | 13,941 | 562,933 | 84,307 | 587,502 | 70 | 9,097,685 | 761,164 | 0.52 | 118.31 | 2.93 | 40.38 | 1.19 |
|  | 9 | 4,371 | 11,831 | 466,207 | 71,941 | 485,275 | 79 | 9,251,924 | 737,067 | 0.47 | 106.66 | 2.71 | 39.41 | 1.63 |
|  | 10 | 5,163 | 13,053 | 494,408 | 78,964 | 514,396 | 82 | 9,244,817 | 773,669 | 0.56 | 95.76 | 2.53 | 37.88 | 1.59 |
|  | 11 | 4,401 | 9,444 | 357,737 | 59,049 | 370,034 | 60 | 9,257,456 | 749,117 | 0.48 | 81.29 | 2.15 | 37.88 | 1.62 |
|  | 12 | 4,068 | 7,697 | 259,815 | 40,594 | 270,013 | 44 | 9,265,297 | 773,704 | 0.44 | 63.87 | 1.89 | 33.76 | 1.63 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 102 | 2,106 | 82,913 | 29,784 | 87,066 | 1 | 207,814 | 14,562 | 0.49 | 812.87 | 20.65 | 39.37 | 0.11 |
|  | 2 | 84 | 1,540 | 65,390 | 9,325 | 66,608 | 5 | 173,150 | 13,115 | 0.49 | 778.45 | 18.33 | 42.46 | 0.75 |
|  | 3 | 89 | 1,926 | 67,335 | 10,178 | 70,712 | 5 | 175,045 | 14,630 | 0.51 | 756.57 | 21.64 | 34.96 | 0.71 |
|  | 4 | 2,225 | 46,132 | 1,918,474 | 397,902 | 1,946,179 | 181 | 3,610,375 | 291,974 | 0.62 | 862.24 | 20.73 | 41.59 | 0.93 |
|  | 5 | 1,774 | 38,397 | 1,537,641 | 275,236 | 1,566,763 | 133 | 3,677,207 | 304,203 | 0.48 | 866.76 | 21.64 | 40.05 | 0.85 |
|  | 6 | 1,803 | 38,401 | 1,503,144 | 318,648 | 1,531,830 | 144 | 3,706,747 | 295,947 | 0.49 | 833.69 | 21.30 | 39.14 | 0.94 |
|  | 7 | 1,661 | 34,147 | 1,368,937 | 262,655 | 1,396,867 | 118 | 3,733,175 | 305,159 | 0.44 | 824.16 | 20.56 | 40.09 | 0.84 |
|  | 8 | 1,877 | 38,726 | 1,514,461 | 279,214 | 1,570,654 | 116 | 3,732,017 | 307,423 | 0.50 | 806.85 | 20.63 | 39.11 | 0.74 |
|  | 9 | 1,732 | 35,539 | 1,377,617 | 288,584 | 1,423,381 | 111 | 3,764,738 | 300,297 | 0.46 | 795.39 | 20.52 | 38.76 | 0.78 |
|  | 10 | 1,727 | 35,584 | 1,413,260 | 272,833 | 1,455,191 | 111 | 3,771,671 | 312,636 | 0.46 | 818.33 | 20.60 | 39.72 | 0.76 |
|  | 11 | 1,637 | 33,177 | 1,290,833 | 260,445 | 1,328,875 | 111 | 3,778,877 | 303,526 | 0.43 | 788.54 | 20.27 | 38.91 | 0.84 |
|  | 12 | 1,432 | 29,290 | 1,140,464 | 193,289 | 1,163,473 | 108 | 3,798,168 | 315,207 | 0.38 | 796.41 | 20.45 | 38.94 | 0.93 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / | Days Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | Month 1 | $1,809$ | $39,153$ | $1,498,873$ | $314,308$ | 1,542,403 | $124$ | 3,810,377 | $304,047$ | $0.47$ |  | $21.64$ | $38.28$ | $0.80$ |
|  | 2 | 1,600 | 33,564 | 1,304,134 | 226,159 | 1,329,510 | 122 | 3,633,296 | 274,614 | 0.44 | 815.08 | 20.98 | 38.86 | 0.92 |
|  | 3 | 1,560 | 31,798 | 1,253,766 | 229,996 | 1,283,333 | 119 | 3,636,995 | 304,323 | 0.43 | 803.70 | 20.38 | 39.43 | 0.93 |
|  | 4 | 1,628 | 33,220 | 1,302,281 | 276,102 | 1,343,536 | 112 | 3,841,507 | 310,868 | 0.42 | 799.93 | 20.41 | 39.20 | 0.83 |
|  | 5 | 1,589 | 31,832 | 1,251,568 | 226,128 | 1,285,324 | 97 | 3,889,114 | 322,066 | 0.41 | 787.65 | 20.03 | 39.32 | 0.75 |
|  | 6 | 1,435 | 28,071 | 1,125,820 | 185,533 | 1,152,502 | 95 | 3,904,098 | 312,156 | 0.37 | 784.54 | 19.56 | 40.11 | 0.82 |
|  | 7 | 1,414 | 27,440 | 1,107,385 | 209,590 | 1,141,640 | 96 | 3,912,223 | 322,928 | 0.36 | 783.16 | 19.41 | 40.36 | 0.84 |
|  | 8 | 1,532 | 30,424 | 1,191,164 | 189,128 | 1,238,487 | 96 | 5,102,469 | 330,494 | 0.30 | 777.52 | 19.86 | 39.15 | 0.78 |
|  | 9 | 2,086 | 41,071 | 1,636,172 | 262,660 | 1,666,677 | 168 | 5,153,700 | 412,030 | 0.40 | 784.36 | 19.69 | 39.84 | 1.01 |
|  | 10 | 2,297 | 46,586 | 1,781,463 | 289,508 | 1,821,084 | 169 | 5,159,680 | 428,174 | 0.45 | 775.56 | 20.28 | 38.24 | 0.93 |
|  | 11 | 2,170 | 43,457 | 1,695,587 | 298,189 | 1,726,016 | 163 | 5,169,406 | 414,870 | 0.42 | 781.38 | 20.03 | 39.02 | 0.94 |
|  | 12 | 2,105 | 44,077 | 1,687,794 | 272,978 | 1,728,882 | 144 | 5,185,668 | 430,353 | 0.41 | 801.80 | 20.94 | 38.29 | 0.83 |
| 2008 | 1 | 3,001 | 61,916 | 2,452,780 | 375,182 | 2,502,946 | 264 | 5,193,637 | 400,912 | 0.58 | 817.32 | 20.63 | 39.61 | 1.05 |
|  | 2 | 2,647 | 56,173 | 2,185,599 | 357,923 | 2,229,932 | 231 | 4,801,435 | 372,080 | 0.55 | 825.69 | 21.22 | 38.91 | 1.04 |
|  | 3 | 2,949 | 60,594 | 2,444,909 | 383,621 | 2,480,045 | 230 | 7,401,383 | 402,774 | 0.40 | 829.06 | 20.55 | 40.35 | 0.93 |
|  | 4 | 4,694 | 85,043 | 3,728,710 | 636,051 | 3,799,130 | 338 | 7,361,846 | 592,431 | 0.64 | 794.36 | 18.12 | 43.84 | 0.89 |
|  | 5 | 3,841 | 71,172 | 3,010,172 | 455,422 | 3,058,734 | 294 | 7,448,263 | 614,788 | 0.52 | 783.69 | 18.53 | 42.29 | 0.96 |
|  | 6 | 3,549 | 66,676 | 2,787,748 | 424,500 | 2,837,658 | 265 | 7,496,410 | 597,287 | 0.47 | 785.50 | 18.79 | 41.81 | 0.93 |
|  | 7 | 3,531 | 64,725 | 2,700,357 | 470,844 | 2,752,522 | 274 | 7,532,814 | 618,213 | 0.47 | 764.76 | 18.33 | 41.72 | 1.00 |
|  | 8 | 3,347 | 60,124 | 2,512,814 | 423,337 | 2,586,373 | 223 | 7,509,857 | 621,323 | 0.45 | 750.77 | 17.96 | 41.79 | 0.86 |
|  | 9 | 3,363 | 62,377 | 2,565,621 | 420,236 | 2,624,466 | 249 | 7,580,981 | 602,715 | 0.44 | 762.90 | 18.55 | 41.13 | 0.95 |
|  | 10 | 3,498 | 62,754 | 2,581,490 | 422,112 | 2,644,467 | 247 | 7,588,413 | 626,634 | 0.46 | 737.99 | 17.94 | 41.14 | 0.93 |
|  | 11 | 3,163 | 55,752 | 2,333,451 | 374,373 | 2,379,275 | 223 | 7,583,274 | 607,702 | 0.42 | 737.73 | 17.63 | 41.85 | 0.94 |
|  | 12 | 3,226 | 56,818 | 2,343,148 | 384,638 | 2,392,588 | 232 | 7,616,406 | 630,907 | 0.42 | 726.33 | 17.61 | 41.24 | 0.97 |
| 2009 | 1 | 4,626 | 90,249 | 3,663,655 | 544,995 | 3,706,293 | 362 | 7,624,532 | 575,951 | 0.61 | 791.97 | 19.51 | 40.59 | 0.98 |
|  | 2 | 4,180 | 78,718 | 3,208,925 | 488,193 | 3,261,795 | 339 | 6,861,585 | 516,904 | 0.61 | 767.69 | 18.83 | 40.76 | 1.04 |
|  | 3 | 3,664 | 66,481 | 2,758,284 | 413,355 | 2,816,218 | 244 | 6,838,995 | 570,633 | 0.54 | 752.81 | 18.14 | 41.49 | 0.87 |
|  | 4 | 3,544 | 60,475 | 2,626,218 | 406,988 | 2,667,432 | 238 | 7,328,253 | 590,076 | 0.48 | 741.03 | 17.06 | 43.43 | 0.89 |
|  | 5 | 3,186 | 56,095 | 2,359,185 | 356,759 | 2,406,229 | 223 | 7,389,815 | 608,717 | 0.43 | 740.48 | 17.61 | 42.06 | 0.93 |
|  | 6 | 3,181 | 54,106 | 2,349,987 | 353,910 | 2,377,721 | 231 | 7,402,901 | 590,349 | 0.43 | 738.76 | 17.01 | 43.43 | 0.97 |
|  | 7 | 2,960 | 52,409 | 2,202,430 | 343,841 | 2,235,258 | 227 | 7,404,476 | 608,854 | 0.40 | 744.06 | 17.71 | 42.02 | 1.02 |
|  | 8 | 2,876 | 50,857 | 2,073,310 | 305,501 | 2,123,716 | 183 | 7,356,278 | 608,450 | 0.39 | 720.90 | 17.68 | 40.77 | 0.86 |
|  | 9 | 2,781 | 47,885 | 1,990,659 | 321,500 | 2,033,569 | 197 | 7,393,211 | 588,694 | 0.38 | 715.81 | 17.22 | 41.57 | 0.97 |
|  | 10 | 2,721 | 46,109 | 1,953,881 | 312,241 | 2,001,082 | 194 | 7,385,265 | 609,967 | 0.37 | 718.07 | 16.95 | 42.38 | 0.97 |
|  | 11 | 2,391 | 41,005 | 1,667,891 | 259,947 | 1,712,422 | 150 | 7,360,593 | 590,693 | 0.32 | 697.57 | 17.15 | 40.68 | 0.88 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 2,494 | 42,094 | 1,753,970 | 266,117 | 1,795,538 | 158 | 7,386,280 | 612,038 | 0.34 | 703.28 | 16.88 | 41.67 | 0.88 |
| 2010 | 1 | 2,535 | 44,152 | 1,853,443 | 281,524 | 1,893,996 | 188 | 7,380,836 | 557,353 | 0.34 | 731.14 | 17.42 | 41.98 | 0.99 |
|  | 2 | 2,218 | 39,402 | 1,624,971 | 240,710 | 1,647,420 | 168 | 6,627,809 | 500,122 | 0.33 | 732.63 | 17.76 | 41.24 | 1.02 |
|  | 3 | 2,242 | 39,003 | 1,624,121 | 245,209 | 1,665,669 | 140 | 6,609,471 | 552,704 | 0.34 | 724.41 | 17.40 | 41.64 | 0.84 |
|  | 4 | 2,434 | 39,163 | 1,729,736 | 257,384 | 1,764,243 | 172 | 7,187,041 | 580,835 | 0.34 | 710.66 | 16.09 | 44.17 | 0.97 |
|  | 5 | 2,389 | 39,244 | 1,702,778 | 250,713 | 1,742,378 | 178 | 7,267,642 | 601,464 | 0.33 | 712.76 | 16.43 | 43.39 | 1.02 |
|  | 6 | 2,336 | 38,079 | 1,652,424 | 249,684 | 1,695,093 | 154 | 7,305,603 | 583,421 | 0.32 | 707.37 | 16.30 | 43.39 | 0.91 |
|  | 7 | 2,162 | 35,157 | 1,522,088 | 228,409 | 1,543,897 | 166 | 7,307,057 | 600,801 | 0.30 | 704.02 | 16.26 | 43.29 | 1.08 |
|  | 8 | 2,228 | 35,827 | 1,561,370 | 233,651 | 1,586,827 | 161 | 7,248,981 | 600,740 | 0.31 | 700.79 | 16.08 | 43.58 | 1.01 |
|  | 9 | 2,045 | 32,789 | 1,385,773 | 210,603 | 1,413,448 | 158 | 7,284,645 | 581,511 | 0.28 | 677.64 | 16.03 | 42.26 | 1.12 |
|  | 10 | 1,978 | 32,174 | 1,374,926 | 208,363 | 1,404,512 | 114 | 7,278,447 | 603,082 | 0.27 | 695.11 | 16.27 | 42.73 | 0.81 |
|  | 11 | 1,939 | 31,522 | 1,316,604 | 193,837 | 1,351,953 | 121 | 7,274,175 | 584,218 | 0.27 | 679.01 | 16.26 | 41.77 | 0.90 |
|  | 12 | 1,772 | 28,803 | 1,198,900 | 177,473 | 1,226,994 | 120 | 7,299,378 | 605,695 | 0.24 | 676.58 | 16.25 | 41.62 | 0.98 |
| 2011 | 1 | 2,079 | 33,997 | 1,459,428 | 217,873 | 1,480,664 | 152 | 7,298,820 | 555,428 | 0.28 | 701.99 | 16.35 | 42.93 | 1.03 |
|  | 2 | 1,828 | 30,597 | 1,265,783 | 188,874 | 1,290,566 | 142 | 6,607,417 | 499,281 | 0.28 | 692.44 | 16.74 | 41.37 | 1.10 |
|  | 3 | 1,995 | 32,300 | 1,377,442 | 200,940 | 1,407,067 | 130 | 6,605,236 | 551,974 | 0.30 | 690.45 | 16.19 | 42.65 | 0.92 |
|  | 4 | 2,206 | 33,371 | 1,482,751 | 220,132 | 1,527,451 | 133 | 7,124,319 | 576,237 | 0.31 | 672.14 | 15.13 | 44.43 | 0.87 |
|  | 5 | 2,045 | 30,943 | 1,348,108 | 207,546 | 1,378,273 | 129 | 7,181,181 | 595,598 | 0.28 | 659.22 | 15.13 | 43.57 | 0.94 |
|  | 6 | 1,926 | 28,070 | 1,244,705 | 187,319 | 1,267,859 | 140 | 7,188,552 | 576,437 | 0.27 | 646.26 | 14.57 | 44.34 | 1.10 |
|  | 7 | 1,758 | 26,218 | 1,145,684 | 168,496 | 1,175,932 | 104 | 7,190,562 | 591,296 | 0.24 | 651.70 | 14.91 | 43.70 | 0.88 |
|  | 8 | 1,897 | 27,647 | 1,208,265 | 177,741 | 1,239,944 | 109 | 7,136,815 | 591,779 | 0.27 | 636.93 | 14.57 | 43.70 | 0.88 |
|  | 9 | 1,707 | 25,490 | 1,071,905 | 156,620 | 1,104,880 | 94 | 7,193,711 | 573,373 | 0.24 | 627.95 | 14.93 | 42.05 | 0.85 |
|  | 10 | 1,647 | 23,575 | 1,026,469 | 153,452 | 1,049,093 | 117 | 7,195,292 | 596,286 | 0.23 | 623.24 | 14.31 | 43.54 | 1.12 |
|  | 11 | 1,634 | 23,318 | 992,680 | 146,028 | 1,014,862 | 121 | 7,200,680 | 577,926 | 0.23 | 607.52 | 14.27 | 42.57 | 1.19 |
|  | 12 | 1,600 | 22,576 | 944,279 | 141,131 | 969,755 | 106 | 7,232,299 | 599,492 | 0.22 | 590.17 | 14.11 | 41.83 | 1.09 |
| 2012 | 1 | 1,842 | 25,934 | 1,112,608 | 162,761 | 1,142,133 | 118 | 7,240,981 | 564,133 | 0.25 | 604.02 | 14.08 | 42.90 | 1.03 |
|  | 2 | 1,618 | 22,928 | 973,961 | 145,322 | 1,001,604 | 95 | 6,761,681 | 524,141 | 0.24 | 601.95 | 14.17 | 42.48 | 0.95 |
|  | 3 | 1,578 | 21,451 | 919,806 | 134,364 | 950,419 | 82 | 7,275,233 | 560,926 | 0.22 | 582.89 | 13.59 | 42.88 | 0.86 |
|  | 4 | 1,732 | 22,132 | 986,997 | 147,580 | 1,019,621 | 91 | 7,212,411 | 583,290 | 0.24 | 569.86 | 12.78 | 44.60 | 0.89 |
|  | 5 | 1,649 | 20,370 | 908,145 | 135,590 | 933,997 | 85 | 7,272,025 | 603,163 | 0.23 | 550.72 | 12.35 | 44.58 | 0.91 |
|  | 6 | 1,571 | 19,137 | 849,875 | 126,167 | 878,786 | 83 | 7,279,376 | 583,956 | 0.22 | 540.98 | 12.18 | 44.41 | 0.94 |
|  | 7 | 1,365 | 15,954 | 700,580 | 104,767 | 719,146 | 89 | 7,283,167 | 601,508 | 0.19 | 513.25 | 11.69 | 43.91 | 1.24 |
|  | 8 | 1,600 | 17,977 | 793,660 | 119,974 | 827,571 | 67 | 7,260,575 | 602,181 | 0.22 | 496.04 | 11.24 | 44.15 | 0.81 |
|  | 9 | 1,388 | 15,416 | 665,771 | 98,433 | 691,033 | 64 | 7,329,676 | 583,156 | 0.19 | 479.66 | 11.11 | 43.19 | 0.93 |
|  | 10 | 1,657 | 17,284 | 759,745 | 113,730 | 787,684 | 84 | 7,326,421 | 607,431 | 0.23 | 458.51 | 10.43 | 43.96 | 1.07 |


| Year | Month | Users |  |  | Amount |  | Episodes | Eligible | Member- | Users / 1K Eligible | Days Supplied/ | Dispensings / | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $11$ | $\begin{gathered} \text { Users } \\ 1,515 \end{gathered}$ | 15,599 | 664,263 | $97,526$ | 691,439 | $57$ | $\begin{aligned} & \text { Members } \\ & 7,330,492 \end{aligned}$ | $588,242$ | $0.21$ | $438.46$ | $10.30$ | $\begin{gathered} \text { Dispensing } \\ 42.58 \end{gathered}$ | $0.82$ |
|  | 12 | 1,464 | 14,080 | 610,348 | 90,751 | 634,751 | 61 | 7,346,229 | 607,882 | 0.20 | 416.90 | 9.62 | 43.35 | 0.96 |
| 2013 | 1 | 1,551 | 14,130 | 619,014 | 92,065 | 642,804 | 53 | 7,313,161 | 522,048 | 0.21 | 399.11 | 9.11 | 43.81 | 0.82 |
|  | 2 | 655 | 6,997 | 273,650 | 40,150 | 288,268 | 20 | 6,187,371 | 344,691 | 0.11 | 417.79 | 10.68 | 39.11 | 0.69 |
|  | 3 | 636 | 6,721 | 253,716 | 37,842 | 265,455 | 23 | 4,502,690 | 375,311 | 0.14 | 398.92 | 10.57 | 37.75 | 0.87 |
|  | 4 | 678 | 6,556 | 255,974 | 38,454 | 269,732 | 16 | 4,770,233 | 384,028 | 0.14 | 377.54 | 9.67 | 39.04 | 0.59 |
|  | 5 | 287 | 2,698 | 109,341 | 15,863 | 113,862 | 13 | 4,728,770 | 166,732 | 0.06 | 380.98 | 9.40 | 40.53 | 1.14 |
|  | 6 | 255 | 2,306 | 90,383 | 13,640 | 95,447 | 6 | 1,933,152 | 153,770 | 0.13 | 354.44 | 9.04 | 39.19 | 0.63 |
|  | 7 | 16 | 121 | 5,586 | 945 | 5,840 | 0 | 1,899,004 | 5,199 | 0.01 | 349.13 | 7.56 | 46.17 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 44 | 1,339 | 56,398 | 26,002 | 57,585 | 1 | 151,621 | 11,814 | 0.29 | 1,281.77 | 30.43 | 42.12 | 0.17 |
|  | 2 | 34 | 982 | 41,129 | 5,864 | 40,304 | 4 | 140,897 | 10,678 | 0.24 | 1,209.68 | 28.88 | 41.88 | 0.99 |
|  | 3 | 35 | 1,182 | 41,924 | 6,268 | 43,283 | 1 | 142,069 | 11,870 | 0.25 | 1,197.83 | 33.77 | 35.47 | 0.23 |
|  | 4 | 1,126 | 33,424 | 1,388,550 | 280,146 | 1,381,922 | 128 | 2,992,486 | 242,471 | 0.38 | 1,233.17 | 29.68 | 41.54 | 0.93 |
|  | 5 | 904 | 27,603 | 1,124,732 | 183,220 | 1,125,887 | 85 | 3,049,223 | 252,274 | 0.30 | 1,244.17 | 30.53 | 40.75 | 0.75 |
|  | 6 | 884 | 27,163 | 1,075,909 | 232,971 | 1,076,316 | 87 | 3,068,317 | 245,308 | 0.29 | 1,217.09 | 30.73 | 39.61 | 0.81 |
|  | 7 | 785 | 23,856 | 956,803 | 151,553 | 954,483 | 81 | 3,089,324 | 254,490 | 0.25 | 1,218.86 | 30.39 | 40.11 | 0.85 |
|  | 8 | 904 | 26,922 | 1,065,969 | 177,820 | 1,087,360 | 76 | 3,106,684 | 256,585 | 0.29 | 1,179.17 | 29.78 | 39.59 | 0.70 |
|  | 9 | 808 | 24,735 | 946,778 | 179,747 | 961,890 | 65 | 3,135,404 | 250,817 | 0.26 | 1,171.75 | 30.61 | 38.28 | 0.68 |
|  | 10 | 845 | 25,096 | 1,002,711 | 174,340 | 1,007,498 | 88 | 3,142,365 | 261,175 | 0.27 | 1,186.64 | 29.70 | 39.96 | 0.87 |
|  | 11 | 786 | 22,949 | 902,167 | 174,284 | 910,179 | 71 | 3,148,966 | 253,345 | 0.25 | 1,147.80 | 29.20 | 39.31 | 0.78 |
|  | 12 | 668 | 20,346 | 788,469 | 128,050 | 786,056 | 66 | 3,162,001 | 262,781 | 0.21 | 1,180.34 | 30.46 | 38.75 | 0.84 |
| 2007 | 1 | 888 | 27,556 | 1,061,219 | 210,333 | 1,070,276 | 83 | 3,168,340 | 246,966 | 0.28 | 1,195.07 | 31.03 | 38.51 | 0.78 |
|  | 2 | 743 | 22,649 | 887,881 | 149,210 | 887,197 | 73 | 2,938,579 | 221,727 | 0.25 | 1,194.99 | 30.48 | 39.20 | 0.82 |
|  | 3 | 727 | 21,602 | 854,458 | 142,150 | 856,655 | 69 | 2,929,799 | 244,672 | 0.25 | 1,175.32 | 29.71 | 39.55 | 0.81 |
|  | 4 | 746 | 22,508 | 879,643 | 157,416 | 893,709 | 67 | 3,074,111 | 248,200 | 0.24 | 1,179.15 | 30.17 | 39.08 | 0.75 |
|  | 5 | 733 | 21,610 | 852,755 | 156,868 | 856,928 | 60 | 3,098,802 | 257,079 | 0.24 | 1,163.38 | 29.48 | 39.46 | 0.70 |
|  | 6 | 652 | 18,782 | 764,254 | 113,305 | 763,036 | 57 | 3,109,331 | 249,142 | 0.21 | 1,172.17 | 28.81 | 40.69 | 0.75 |
|  | 7 | 662 | 18,528 | 762,669 | 139,037 | 770,622 | 62 | 3,115,700 | 257,339 | 0.21 | 1,152.07 | 27.99 | 41.16 | 0.80 |
|  | 8 | 711 | 20,539 | 821,828 | 129,183 | 838,138 | 59 | 4,049,506 | 262,989 | 0.18 | 1,155.88 | 28.89 | 40.01 | 0.70 |



# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $8$ | $981$ | $22,718$ | $1,011,718$ | $151,951$ | 1,002,232 | $110$ | $5,700,757$ | $474,058$ | $0.17$ | $1,031.31$ | $23.16$ | $44.53$ | $1.10$ |
|  | 9 | 877 | 20,645 | 881,137 | 133,739 | 881,176 | 93 | 5,731,271 | 458,946 | 0.15 | 1,004.72 | 23.54 | 42.68 | 1.06 |
|  | 10 | 943 | 21,608 | 944,872 | 142,214 | 946,987 | 80 | 5,726,346 | 476,010 | 0.16 | 1,001.99 | 22.91 | 43.73 | 0.84 |
|  | 11 | 888 | 21,062 | 876,045 | 130,980 | 885,872 | 75 | 5,726,388 | 460,792 | 0.16 | 986.54 | 23.72 | 41.59 | 0.85 |
|  | 12 | 832 | 19,141 | 809,152 | 121,172 | 814,213 | 68 | 5,739,637 | 477,550 | 0.14 | 972.54 | 23.01 | 42.27 | 0.84 |
| 2011 | 1 | 976 | 22,585 | 963,960 | 145,339 | 962,891 | 91 | 5,740,944 | 451,850 | 0.17 | 987.66 | 23.14 | 42.68 | 0.95 |
|  | 2 | 847 | 20,153 | 825,614 | 124,071 | 834,134 | 67 | 5,362,345 | 405,076 | 0.16 | 974.75 | 23.79 | 40.97 | 0.80 |
|  | 3 | 947 | 21,176 | 907,105 | 131,819 | 911,403 | 74 | 5,349,028 | 447,914 | 0.18 | 957.87 | 22.36 | 42.84 | 0.81 |
|  | 4 | 987 | 21,125 | 926,094 | 136,622 | 942,246 | 77 | 5,742,805 | 465,195 | 0.17 | 938.29 | 21.40 | 43.84 | 0.82 |
|  | 5 | 926 | 19,303 | 855,737 | 128,904 | 866,054 | 62 | 5,784,887 | 481,273 | 0.16 | 924.12 | 20.85 | 44.33 | 0.72 |
|  | 6 | 875 | 17,590 | 786,090 | 117,487 | 789,467 | 86 | 5,794,495 | 465,935 | 0.15 | 898.39 | 20.10 | 44.69 | 1.09 |
|  | 7 | 843 | 16,643 | 742,077 | 107,419 | 754,299 | 58 | 5,796,622 | 480,133 | 0.15 | 880.28 | 19.74 | 44.59 | 0.77 |
|  | 8 | 911 | 17,973 | 779,672 | 115,442 | 789,687 | 61 | 5,782,074 | 480,708 | 0.16 | 855.84 | 19.73 | 43.38 | 0.77 |
|  | 9 | 827 | 16,459 | 695,841 | 101,364 | 711,372 | 43 | 5,826,969 | 465,713 | 0.14 | 841.40 | 19.90 | 42.28 | 0.60 |
|  | 10 | 797 | 14,690 | 652,094 | 99,002 | 655,277 | 69 | 5,827,956 | 484,217 | 0.14 | 818.19 | 18.43 | 44.39 | 1.05 |
|  | 11 | 819 | 15,293 | 646,058 | 95,115 | 651,522 | 70 | 5,830,246 | 469,166 | 0.14 | 788.84 | 18.67 | 42.25 | 1.07 |
|  | 12 | 779 | 14,483 | 597,580 | 88,343 | 602,445 | 68 | 5,854,339 | 484,819 | 0.13 | 767.11 | 18.59 | 41.26 | 1.13 |
| 2012 | 1 | 872 | 15,099 | 654,213 | 97,705 | 663,548 | 57 | 5,834,196 | 421,186 | 0.15 | 750.24 | 17.32 | 43.33 | 0.86 |
|  | 2 | 475 | 8,990 | 364,707 | 53,723 | 368,742 | 35 | 4,989,506 | 291,857 | 0.10 | 767.80 | 18.93 | 40.57 | 0.95 |
|  | 3 | 404 | 7,633 | 302,201 | 43,740 | 309,150 | 24 | 3,876,890 | 303,423 | 0.10 | 748.02 | 18.89 | 39.59 | 0.78 |
|  | 4 | 359 | 6,209 | 261,085 | 37,280 | 269,396 | 17 | 3,835,614 | 309,100 | 0.09 | 727.26 | 17.30 | 42.05 | 0.63 |
|  | 5 | 128 | 2,157 | 93,738 | 13,870 | 95,618 | 6 | 3,816,538 | 126,425 | 0.03 | 732.33 | 16.85 | 43.46 | 0.63 |
|  | 6 | 118 | 2,096 | 82,971 | 11,814 | 87,772 | 3 | 1,454,075 | 116,178 | 0.08 | 703.14 | 17.76 | 39.59 | 0.34 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,430,884 | 3,918 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 27 | 995 | 41,967 | 23,945 | 42,127 | 1 | 124,352 | 10,073 | 0.22 | 1,554.33 | 36.85 | 42.18 | 0.24 |
|  | 2 | 17 | 662 | 27,450 | 3,914 | 26,633 | 2 | 120,148 | 9,118 | 0.14 | 1,614.71 | 38.94 | 41.47 | 0.75 |
|  | 3 | 21 | 914 | 30,782 | 4,680 | 31,079 | 1 | 121,067 | 10,130 | 0.17 | 1,465.81 | 43.52 | 33.68 | 0.32 |
|  | 4 | 588 | 22,241 | 933,322 | 204,339 | 913,592 | 80 | 2,425,935 | 195,921 | 0.24 | 1,587.28 | 37.82 | 41.96 | 0.88 |
|  | 5 | 481 | 18,866 | 772,402 | 118,995 | 765,760 | 49 | 2,460,672 | 203,852 | 0.20 | 1,605.83 | 39.22 | 40.94 | 0.64 |
|  | 6 | 469 | 18,320 | 732,309 | 168,844 | 716,565 | 59 | 2,476,006 | 198,152 | 0.19 | 1,561.43 | 39.06 | 39.97 | 0.82 |
|  | 7 | 425 | 16,411 | 658,111 | 98,736 | 644,628 | 56 | 2,491,933 | 205,176 | 0.17 | 1,548.50 | 38.61 | 40.10 | 0.87 |
|  | 8 | 471 | 17,656 | 709,837 | 122,885 | 716,790 | 43 | 2,502,519 | 206,705 | 0.19 | 1,507.08 | 37.49 | 40.20 | 0.60 |
|  | 9 | 393 | 15,609 | 609,852 | 95,187 | 610,887 | 38 | 2,523,602 | 201,957 | 0.16 | 1,551.79 | 39.72 | 39.07 | 0.62 |
|  | 10 | 449 | 16,833 | 684,422 | 119,983 | 677,976 | 55 | 2,526,523 | 210,101 | 0.18 | 1,524.33 | 37.49 | 40.66 | 0.81 |
|  | 11 | 415 | 15,078 | 603,649 | 114,150 | 595,466 | 48 | 2,529,521 | 203,603 | 0.16 | 1,454.58 | 36.33 | 40.04 | 0.81 |
|  | 12 | 356 | 13,572 | 537,555 | 87,398 | 526,601 | 43 | 2,538,898 | 211,304 | 0.14 | 1,509.99 | 38.12 | 39.61 | 0.82 |
| 2007 | 1 | 482 | 18,695 | 725,952 | 142,641 | 719,023 | 56 | 2,544,983 | 200,647 | 0.19 | 1,506.12 | 38.79 | 38.83 | 0.78 |
|  | 2 | 403 | 15,349 | 604,178 | 88,829 | 593,395 | 49 | 2,391,422 | 180,893 | 0.17 | 1,499.20 | 38.09 | 39.36 | 0.83 |
|  | 3 | 394 | 14,404 | 579,803 | 95,510 | 569,349 | 48 | 2,390,618 | 200,124 | 0.16 | 1,471.58 | 36.56 | 40.25 | 0.84 |
|  | 4 | 388 | 14,694 | 576,671 | 112,785 | 578,586 | 41 | 2,499,148 | 202,215 | 0.16 | 1,486.27 | 37.87 | 39.25 | 0.71 |
|  | 5 | 359 | 13,319 | 537,852 | 101,693 | 528,134 | 37 | 2,522,329 | 209,863 | 0.14 | 1,498.19 | 37.10 | 40.38 | 0.70 |
|  | 6 | 335 | 12,228 | 496,940 | 72,282 | 489,577 | 32 | 2,536,444 | 203,388 | 0.13 | 1,483.40 | 36.50 | 40.64 | 0.65 |
|  | 7 | 319 | 11,095 | 478,575 | 98,107 | 482,259 | 33 | 2,540,804 | 210,142 | 0.13 | 1,500.24 | 34.78 | 43.13 | 0.68 |
|  | 8 | 365 | 13,124 | 538,121 | 79,280 | 538,917 | 38 | 3,295,019 | 214,808 | 0.11 | 1,474.30 | 35.96 | 41.00 | 0.71 |
|  | 9 | 494 | 17,837 | 737,729 | 111,763 | 716,956 | 73 | 3,321,591 | 266,372 | 0.15 | 1,493.38 | 36.11 | 41.36 | 1.02 |
|  | 10 | 522 | 19,669 | 770,258 | 115,084 | 758,036 | 61 | 3,322,376 | 276,145 | 0.16 | 1,475.59 | 37.68 | 39.16 | 0.80 |
|  | 11 | 525 | 19,233 | 771,984 | 128,299 | 762,838 | 56 | 3,323,589 | 267,591 | 0.16 | 1,470.45 | 36.63 | 40.14 | 0.73 |
|  | 12 | 553 | 21,236 | 825,566 | 120,731 | 817,067 | 71 | 3,335,016 | 277,706 | 0.17 | 1,492.89 | 38.40 | 38.88 | 0.87 |
| 2008 | 1 | 761 | 27,478 | 1,135,860 | 166,748 | 1,122,817 | 103 | 3,342,038 | 262,280 | 0.23 | 1,492.59 | 36.11 | 41.34 | 0.92 |
|  | 2 | 683 | 25,963 | 1,036,852 | 150,910 | 1,025,839 | 88 | 3,142,383 | 244,754 | 0.22 | 1,518.08 | 38.01 | 39.94 | 0.86 |
|  | 3 | 771 | 27,825 | 1,147,742 | 169,213 | 1,119,019 | 102 | 4,444,222 | 265,085 | 0.17 | 1,488.64 | 36.09 | 41.25 | 0.91 |
|  | 4 | 1,037 | 34,959 | 1,542,325 | 254,568 | 1,519,889 | 126 | 4,412,938 | 361,047 | 0.23 | 1,487.30 | 33.71 | 44.12 | 0.83 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Month 4 | $243$ | $6,205$ | $262,270$ | $37,310$ | $268,241$ | $15$ | $3,119,241$ | $251,526$ | $0.08$ | 1,079.30 | $25.53$ | $42.27$ | $0.56$ |
|  | 5 | 75 | 2,081 | 81,672 | 12,449 | 81,318 | 5 | 3,085,377 | 97,396 | 0.02 | 1,088.96 | 27.75 | 39.25 | 0.61 |
|  | 6 | 78 | 1,890 | 82,448 | 12,641 | 81,317 | 10 | 1,107,309 | 88,708 | 0.07 | 1,057.03 | 24.23 | 43.62 | 1.23 |
|  | 7 | 3 | 66 | 3,272 | 443 | 3,288 | 0 | 1,090,322 | 2,985 | 0.00 | 1,090.67 | 22.00 | 49.58 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 16 | 676 | 28,746 | 22,058 | 28,250 | 1 | 108,649 | 8,777 | 0.15 | 1,796.63 | 42.25 | 42.52 | 0.35 |



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / <br> User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2009 | Month 1 | Users 559 | $23,448$ | $958,638$ | $141,376$ | Days at Risk 918,307 | $82$ | $3,724,785$ | $295,643$ | $0.15$ | $1,714.92$ | $41.95$ | $40.88$ | $0.89$ |
|  | 2 | 460 | 18,398 | 780,981 | 115,473 | 759,517 | 62 | 3,518,261 | 265,888 | 0.13 | 1,697.78 | 40.00 | 42.45 | 0.82 |
|  | 3 | 402 | 16,186 | 672,701 | 99,595 | 663,808 | 40 | 3,508,796 | 294,051 | 0.11 | 1,673.39 | 40.26 | 41.56 | 0.60 |
|  | 4 | 368 | 13,624 | 611,138 | 91,395 | 591,710 | 47 | 3,714,456 | 301,200 | 0.10 | 1,660.70 | 37.02 | 44.86 | 0.79 |
|  | 5 | 348 | 13,283 | 570,084 | 83,995 | 548,805 | 47 | 3,755,653 | 312,204 | 0.09 | 1,638.17 | 38.17 | 42.92 | 0.86 |
|  | 6 | 321 | 11,037 | 521,789 | 75,600 | 492,392 | 49 | 3,780,392 | 303,250 | 0.08 | 1,625.51 | 34.38 | 47.28 | 1.00 |
|  | 7 | 341 | 12,791 | 546,578 | 86,090 | 532,351 | 45 | 3,785,298 | 313,960 | 0.09 | 1,602.87 | 37.51 | 42.73 | 0.85 |
|  | 8 | 311 | 11,784 | 489,056 | 71,053 | 477,883 | 36 | 3,774,224 | 314,523 | 0.08 | 1,572.53 | 37.89 | 41.50 | 0.75 |
|  | 9 | 286 | 10,507 | 446,766 | 67,006 | 437,967 | 30 | 3,803,310 | 304,717 | 0.08 | 1,562.12 | 36.74 | 42.52 | 0.68 |
|  | 10 | 305 | 10,711 | 468,271 | 70,658 | 462,493 | 27 | 3,804,704 | 316,770 | 0.08 | 1,535.31 | 35.12 | 43.72 | 0.58 |
|  | 11 | 253 | 8,849 | 383,249 | 55,864 | 382,070 | 21 | 3,805,376 | 306,976 | 0.07 | 1,514.82 | 34.98 | 43.31 | 0.55 |
|  | 12 | 296 | 10,532 | 438,651 | 62,446 | 433,703 | 34 | 3,820,669 | 317,280 | 0.08 | 1,481.93 | 35.58 | 41.65 | 0.78 |
| 2010 | 1 | 266 | 9,049 | 391,487 | 57,734 | 384,969 | 27 | 3,805,767 | 277,101 | 0.07 | 1,471.76 | 34.02 | 43.26 | 0.70 |
|  | 2 | 122 | 4,547 | 181,969 | 25,849 | 179,041 | 13 | 3,278,086 | 189,234 | 0.04 | 1,491.55 | 37.27 | 40.02 | 0.73 |
|  | 3 | 124 | 4,302 | 181,631 | 27,001 | 177,596 | 13 | 2,466,259 | 206,010 | 0.05 | 1,464.77 | 34.69 | 42.22 | 0.73 |
|  | 4 | 106 | 3,650 | 152,991 | 21,746 | 150,691 | 12 | 2,602,524 | 209,931 | 0.04 | 1,443.31 | 34.43 | 41.92 | 0.80 |
|  | 5 | 29 | 932 | 41,522 | 8,472 | 42,746 | 1 | 2,576,867 | 79,940 | 0.01 | 1,431.79 | 32.14 | 44.55 | 0.23 |
|  | 6 | 32 | 1,062 | 45,246 | 7,623 | 44,040 | 4 | 909,532 | 72,898 | 0.04 | 1,413.94 | 33.19 | 42.60 | 0.91 |
|  | 7 | 1 | 51 | 1,418 | 203 | 1,461 | 0 | 897,066 | 2,456 | 0.00 | 1,418.00 | 51.00 | 27.80 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | - | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 351 | 14,494 | 20,022 | 15,083 | 0 | 95,772 | 7,634 | 0.07 | 2,070.57 | 50.14 | 41.29 | 0.00 |
|  | 2 | 5 | 278 | 11,662 | 1,663 | 9,774 | 2 | 90,823 | 6,895 | 0.06 | 2,332.40 | 55.60 | 41.95 | 2.05 |
|  | 3 | 3 | 217 | 7,799 | 1,112 | 6,841 | 1 | 91,288 | 7,675 | 0.03 | 2,599.67 | 72.33 | 35.94 | 1.46 |
|  | 4 | 171 | 8,487 | 363,194 | 97,314 | 346,329 | 27 | 1,678,125 | 136,120 | 0.10 | 2,123.94 | 49.63 | 42.79 | 0.78 |
|  | 5 | 144 | 7,335 | 313,822 | 47,146 | 308,505 | 16 | 1,707,547 | 142,014 | 0.08 | 2,179.32 | 50.94 | 42.78 | 0.52 |
|  | 6 | 132 | 7,005 | 285,511 | 48,674 | 267,741 | 26 | 1,722,557 | 138,240 | 0.08 | 2,162.96 | 53.07 | 40.76 | 0.97 |
|  | 7 | 106 | 5,699 | 228,388 | 32,476 | 215,245 | 16 | 1,736,713 | 142,668 | 0.06 | 2,154.60 | 53.76 | 40.08 | 0.74 |
|  | 8 | 114 | 5,913 | 246,264 | 35,086 | 248,211 | 8 | 1,738,688 | 143,838 | 0.07 | 2,160.21 | 51.87 | 41.65 | 0.32 |
|  | 9 | 102 | 5,406 | 222,003 | 33,694 | 217,088 | 17 | 1,754,278 | 140,622 | 0.06 | 2,176.50 | 53.00 | 41.07 | 0.78 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | D | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 121 | 5,734 | 253,674 | 36,137 | 242,630 | 22 | 1,756,123 | 146,329 | 0.07 | 2,096.48 | 47.39 | 44.24 | 0.91 |
|  | 11 | 82 | 4,109 | 167,498 | 31,005 | 164,253 | 13 | 1,757,682 | 141,858 | 0.05 | 2,042.66 | 50.11 | 40.76 | 0.79 |
|  | 12 | 84 | 4,269 | 183,451 | 32,150 | 167,212 | 18 | 1,764,285 | 146,944 | 0.05 | 2,183.94 | 50.82 | 42.97 | 1.08 |
| 2007 | 1 | 117 | 6,205 | 249,069 | 42,866 | 236,631 | 19 | 1,765,624 | 137,408 | 0.07 | 2,128.79 | 53.03 | 40.14 | 0.80 |
|  | 2 | 91 | 4,907 | 192,442 | 27,442 | 181,560 | 15 | 1,634,856 | 123,721 | 0.06 | 2,114.75 | 53.92 | 39.22 | 0.83 |
|  | 3 | 82 | 4,247 | 172,508 | 30,295 | 159,116 | 19 | 1,633,526 | 136,852 | 0.05 | 2,103.76 | 51.79 | 40.62 | 1.19 |
|  | 4 | 80 | 4,623 | 171,991 | 28,471 | 167,466 | 11 | 1,692,301 | 137,157 | 0.05 | 2,149.89 | 57.79 | 37.20 | 0.66 |
|  | 5 | 78 | 3,975 | 162,055 | 27,743 | 155,699 | 10 | 1,704,036 | 141,916 | 0.05 | 2,077.63 | 50.96 | 40.77 | 0.64 |
|  | 6 | 75 | 3,739 | 154,885 | 22,067 | 143,882 | 12 | 1,710,794 | 137,479 | 0.04 | 2,065.13 | 49.85 | 41.42 | 0.83 |
|  | 7 | 64 | 2,967 | 137,040 | 19,536 | 133,310 | 8 | 1,712,244 | 140,887 | 0.04 | 2,141.25 | 46.36 | 46.19 | 0.60 |
|  | 8 | 82 | 3,938 | 166,518 | 23,856 | 162,069 | 13 | 2,249,392 | 144,113 | 0.04 | 2,030.71 | 48.02 | 42.28 | 0.80 |
|  | 9 | 122 | 5,879 | 253,968 | 37,785 | 246,783 | 14 | 2,266,577 | 182,113 | 0.05 | 2,081.70 | 48.19 | 43.20 | 0.57 |
|  | 10 | 115 | 6,207 | 240,937 | 34,252 | 231,727 | 16 | 2,266,199 | 189,066 | 0.05 | 2,095.10 | 53.97 | 38.82 | 0.69 |
|  | 11 | 120 | 6,073 | 249,203 | 36,487 | 239,655 | 12 | 2,272,888 | 183,175 | 0.05 | 2,076.69 | 50.61 | 41.03 | 0.50 |
|  | 12 | 132 | 7,036 | 272,255 | 40,235 | 269,110 | 17 | 2,278,025 | 190,156 | 0.06 | 2,062.54 | 53.30 | 38.69 | 0.63 |
| 2008 | 1 | 173 | 8,251 | 354,496 | 50,407 | 349,355 | 21 | 2,283,449 | 182,905 | 0.08 | 2,049.11 | 47.69 | 42.96 | 0.60 |
|  | 2 | 196 | 10,196 | 398,278 | 58,432 | 385,861 | 28 | 2,185,445 | 170,371 | 0.09 | 2,032.03 | 52.02 | 39.06 | 0.73 |
|  | 3 | 176 | 8,498 | 357,834 | 52,601 | 341,396 | 25 | 3,034,057 | 184,121 | 0.06 | 2,033.15 | 48.28 | 42.11 | 0.73 |
|  | 4 | 254 | 12,215 | 512,227 | 76,587 | 498,110 | 33 | 3,024,254 | 245,323 | 0.08 | 2,016.64 | 48.09 | 41.93 | 0.66 |
|  | 5 | 213 | 9,913 | 428,284 | 64,388 | 410,627 | 34 | 3,062,191 | 254,711 | 0.07 | 2,010.72 | 46.54 | 43.20 | 0.83 |
|  | 6 | 193 | 9,393 | 381,771 | 57,266 | 369,980 | 23 | 3,083,808 | 247,491 | 0.06 | 1,978.09 | 48.67 | 40.64 | 0.62 |
|  | 7 | 177 | 7,836 | 347,097 | 50,885 | 331,828 | 31 | 3,104,629 | 256,466 | 0.06 | 1,961.00 | 44.27 | 44.30 | 0.93 |
|  | 8 | 167 | 7,659 | 321,514 | 45,739 | 314,306 | 22 | 3,097,526 | 258,202 | 0.05 | 1,925.23 | 45.86 | 41.98 | 0.70 |
|  | 9 | 196 | 9,152 | 376,945 | 56,891 | 369,469 | 23 | 3,116,507 | 250,317 | 0.06 | 1,923.19 | 46.69 | 41.19 | 0.62 |
|  | 10 | 209 | 9,389 | 395,727 | 57,819 | 383,318 | 28 | 3,119,009 | 259,848 | 0.07 | 1,893.43 | 44.92 | 42.15 | 0.73 |
|  | 11 | 183 | 7,823 | 340,935 | 50,051 | 331,661 | 23 | 3,122,616 | 251,822 | 0.06 | 1,863.03 | 42.75 | 43.58 | 0.69 |
|  | 12 | 173 | 7,781 | 318,143 | 49,023 | 309,449 | 24 | 3,131,679 | 260,564 | 0.06 | 1,838.98 | 44.98 | 40.89 | 0.78 |
| 2009 | 1 | 316 | 13,965 | 574,687 | 86,735 | 553,724 | 42 | 3,125,225 | 228,075 | 0.10 | 1,818.63 | 44.19 | 41.15 | 0.76 |
|  | 2 | 107 | 4,662 | 197,390 | 29,585 | 191,422 | 15 | 2,702,160 | 158,502 | 0.04 | 1,844.77 | 43.57 | 42.34 | 0.78 |
|  | 3 | 96 | 4,088 | 174,656 | 24,826 | 172,518 | 7 | 2,067,953 | 172,785 | 0.05 | 1,819.33 | 42.58 | 42.72 | 0.41 |
|  | 4 | 90 | 3,694 | 160,661 | 24,339 | 156,885 | 11 | 2,155,168 | 173,887 | 0.04 | 1,785.12 | 41.04 | 43.49 | 0.70 |
|  | 5 | 19 | 753 | 34,337 | 4,879 | 32,694 | 2 | 2,135,761 | 64,526 | 0.01 | 1,807.21 | 39.63 | 45.60 | 0.61 |
|  | 6 | 17 | 589 | 30,114 | 4,297 | 30,274 | 1 | 733,486 | 58,839 | 0.02 | 1,771.41 | 34.65 | 51.13 | 0.33 |
|  | 7 | 2 | 123 | 3,522 | 500 | 2,400 | 1 | 724,301 | 1,983 | 0.00 | 1,761.00 | 61.50 | 28.63 | 4.17 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
| 2010 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | -- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | -- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | ---- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 799 | 4,508 | 178,873 | 48,904 | 253,835 | 26 | 236,012 | 19,690 | 3.39 | 223.87 | 5.64 | 39.68 | 1.02 |
|  | 2 | 631 | 3,080 | 125,579 | 18,665 | 186,379 | 23 | 234,271 | 17,827 | 2.69 | 199.02 | 4.88 | 40.77 | 1.23 |
|  | 3 | 689 | 3,395 | 129,002 | 20,239 | 201,981 | 18 | 236,373 | 19,850 | 2.91 | 187.23 | 4.93 | 38.00 | 0.89 |
|  | 4 | 9,513 | 63,866 | 2,628,936 | 547,561 | 3,622,763 | 406 | 4,444,557 | 362,641 | 2.14 | 276.35 | 6.71 | 41.16 | 1.12 |
|  | 5 | 8,814 | 55,492 | 2,208,165 | 400,368 | 3,147,467 | 320 | 4,519,138 | 376,152 | 1.95 | 250.53 | 6.30 | 39.79 | 1.02 |
|  | 6 | 8,112 | 53,369 | 2,093,450 | 449,729 | 2,938,547 | 311 | 4,525,286 | 363,847 | 1.79 | 258.07 | 6.58 | 39.23 | 1.06 |
|  | 7 | 6,878 | 45,827 | 1,840,225 | 367,135 | 2,548,069 | 260 | 4,526,346 | 376,334 | 1.52 | 267.55 | 6.66 | 40.16 | 1.02 |
|  | 8 | 7,450 | 51,121 | 1,994,670 | 384,272 | 2,796,405 | 262 | 4,565,834 | 378,867 | 1.63 | 267.74 | 6.86 | 39.02 | 0.94 |
|  | 9 | 6,501 | 44,620 | 1,728,344 | 355,130 | 2,419,744 | 232 | 4,600,801 | 369,627 | 1.41 | 265.86 | 6.86 | 38.73 | 0.96 |
|  | 10 | 6,411 | 43,708 | 1,743,467 | 347,835 | 2,426,823 | 226 | 4,605,966 | 384,754 | 1.39 | 271.95 | 6.82 | 39.89 | 0.93 |
|  | 11 | 5,697 | 39,405 | 1,527,025 | 308,190 | 2,121,278 | 232 | 4,619,772 | 373,186 | 1.23 | 268.04 | 6.92 | 38.75 | 1.09 |
|  | 12 | 5,013 | 34,309 | 1,334,666 | 237,233 | 1,850,176 | 188 | 4,645,303 | 387,745 | 1.08 | 266.24 | 6.84 | 38.90 | 1.02 |
| 2007 | 1 | 5,597 | 43,975 | 1,680,578 | 357,190 | 2,303,565 | 218 | 4,424,257 | 369,335 | 1.27 | 300.26 | 7.86 | 38.22 | 0.95 |
|  | 2 | 4,805 | 37,766 | 1,451,754 | 271,920 | 1,985,366 | 214 | 4,371,748 | 333,235 | 1.10 | 302.13 | 7.86 | 38.44 | 1.08 |
|  | 3 | 4,611 | 35,714 | 1,372,108 | 276,458 | 1,875,287 | 196 | 4,376,966 | 369,103 | 1.05 | 297.57 | 7.75 | 38.42 | 1.05 |
|  | 4 | 4,663 | 35,168 | 1,355,790 | 274,818 | 1,877,887 | 190 | 4,623,365 | 377,506 | 1.01 | 290.75 | 7.54 | 38.55 | 1.01 |
|  | 5 | 4,437 | 33,550 | 1,293,300 | 246,934 | 1,778,804 | 175 | 4,690,053 | 391,632 | 0.95 | 291.48 | 7.56 | 38.55 | 0.98 |






Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 51 | 1,470 | 60,540 | 26,590 | 67,010 | 2 | 151,621 | 11,814 | 0.34 | 1,187.06 | 28.82 | 41.18 | 0.30 |
|  | 2 | 41 | 1,065 | 45,587 | 6,500 | 48,441 | 4 | 140,890 | 10,677 | 0.29 | 1,111.88 | 25.98 | 42.80 | 0.83 |
|  | 3 | 47 | 1,413 | 49,124 | 7,296 | 56,500 | 2 | 142,055 | 11,868 | 0.33 | 1,045.19 | 30.06 | 34.77 | 0.35 |
|  | 4 | 1,322 | 36,162 | 1,508,892 | 316,702 | 1,626,028 | 159 | 2,992,460 | 242,461 | 0.44 | 1,141.37 | 27.35 | 41.73 | 0.98 |
|  | 5 | 1,035 | 29,638 | 1,203,241 | 209,355 | 1,305,269 | 106 | 3,049,002 | 252,250 | 0.34 | 1,162.55 | 28.64 | 40.60 | 0.81 |
|  | 6 | 1,025 | 29,513 | 1,161,711 | 252,829 | 1,258,599 | 115 | 3,067,967 | 245,274 | 0.33 | 1,133.38 | 28.79 | 39.36 | 0.91 |
|  | 7 | 923 | 25,860 | 1,041,743 | 177,830 | 1,128,015 | 92 | 3,088,836 | 254,444 | 0.30 | 1,128.65 | 28.02 | 40.28 | 0.82 |
|  | 8 | 1,060 | 29,373 | 1,160,829 | 198,278 | 1,287,802 | 100 | 3,106,064 | 256,527 | 0.34 | 1,095.12 | 27.71 | 39.52 | 0.78 |
|  | 9 | 986 | 27,320 | 1,053,351 | 207,307 | 1,171,253 | 82 | 3,134,634 | 250,747 | 0.31 | 1,068.31 | 27.71 | 38.56 | 0.70 |
|  | 10 | 1,003 | 27,442 | 1,097,295 | 195,012 | 1,203,635 | 99 | 3,141,424 | 261,089 | 0.32 | 1,094.01 | 27.36 | 39.99 | 0.82 |
|  | 11 | 930 | 25,091 | 988,628 | 190,644 | 1,088,262 | 95 | 3,147,870 | 253,250 | 0.30 | 1,063.04 | 26.98 | 39.40 | 0.87 |
|  | 12 | 807 | 22,431 | 872,054 | 140,144 | 947,259 | 79 | 3,160,774 | 262,672 | 0.26 | 1,080.61 | 27.80 | 38.88 | 0.83 |
| 2007 | 1 | 1,037 | 29,940 | 1,150,843 | 232,531 | 1,267,279 | 104 | 3,166,990 | 246,854 | 0.33 | 1,109.78 | 28.87 | 38.44 | 0.82 |
|  | 2 | 903 | 25,319 | 985,852 | 166,414 | 1,079,531 | 97 | 2,937,178 | 221,615 | 0.31 | 1,091.75 | 28.04 | 38.94 | 0.90 |
|  | 3 | 893 | 24,080 | 956,371 | 157,169 | 1,049,450 | 96 | 2,928,257 | 244,537 | 0.30 | 1,070.96 | 26.97 | 39.72 | 0.91 |
|  | 4 | 900 | 24,667 | 973,500 | 175,658 | 1,077,805 | 86 | 3,072,425 | 248,059 | 0.29 | 1,081.67 | 27.41 | 39.47 | 0.80 |
|  | 5 | 864 | 23,568 | 930,826 | 168,873 | 1,023,006 | 77 | 3,097,010 | 256,923 | 0.28 | 1,077.34 | 27.28 | 39.50 | 0.75 |
|  | 6 | 785 | 20,830 | 843,878 | 132,284 | 928,152 | 68 | 3,107,415 | 248,981 | 0.25 | 1,075.00 | 26.54 | 40.51 | 0.73 |
|  | 7 | 814 | 20,704 | 854,303 | 165,558 | 950,166 | 83 | 3,113,665 | 257,163 | 0.26 | 1,049.51 | 25.43 | 41.26 | 0.87 |
|  | 8 | 851 | 22,678 | 903,518 | 145,527 | 1,014,253 | 68 | 4,047,337 | 262,803 | 0.21 | 1,061.71 | 26.65 | 39.84 | 0.67 |
|  | 9 | 1,134 | 30,573 | 1,232,267 | 182,444 | 1,337,021 | 129 | 4,080,066 | 327,032 | 0.28 | 1,086.66 | 26.96 | 40.31 | 0.96 |
|  | 10 | 1,281 | 34,990 | 1,357,705 | 208,438 | 1,481,692 | 140 | 4,084,370 | 339,067 | 0.31 | 1,059.88 | 27.31 | 38.80 | 0.94 |
|  | 11 | 1,205 | 32,863 | 1,298,687 | 221,443 | 1,416,890 | 124 | 4,084,699 | 328,373 | 0.30 | 1,077.75 | 27.27 | 39.52 | 0.88 |
|  | 12 | 1,237 | 34,577 | 1,347,107 | 214,835 | 1,472,974 | 125 | 4,097,371 | 340,805 | 0.30 | 1,089.01 | 27.95 | 38.96 | 0.85 |
| 2008 | 1 | 1,843 | 48,967 | 1,980,214 | 301,501 | 2,172,236 | 221 | 4,106,619 | 321,175 | 0.45 | 1,074.45 | 26.57 | 40.44 | 1.02 |
|  | 2 | 1,617 | 44,726 | 1,762,615 | 283,468 | 1,926,638 | 197 | 3,842,000 | 298,664 | 0.42 | 1,090.05 | 27.66 | 39.41 | 1.02 |
|  | 3 | 1,811 | 47,625 | 1,958,801 | 309,042 | 2,131,701 | 200 | 5,713,239 | 323,286 | 0.32 | 1,081.61 | 26.30 | 41.13 | 0.94 |
|  | 4 | 2,693 | 63,539 | 2,824,775 | 485,606 | 3,107,292 | 268 | 5,689,915 | 458,663 | 0.47 | 1,048.93 | 23.59 | 44.46 | 0.86 |
|  | 5 | 2,180 | 52,974 | 2,270,171 | 340,400 | 2,480,409 | 238 | 5,748,482 | 474,104 | 0.38 | 1,041.36 | 24.30 | 42.85 | 0.96 |
|  | 6 | 2,065 | 50,314 | 2,134,117 | 334,048 | 2,343,742 | 212 | 5,764,087 | 460,215 | 0.36 | 1,033.47 | 24.37 | 42.42 | 0.90 |
|  | 7 | 2,023 | 48,294 | 2,050,941 | 369,110 | 2,270,143 | 197 | 5,788,591 | 475,844 | 0.35 | 1,013.81 | 23.87 | 42.47 | 0.87 |
|  | 8 | 1,862 | 44,186 | 1,875,443 | 309,279 | 2,085,463 | 169 | 5,765,371 | 477,273 | 0.32 | 1,007.22 | 23.73 | 42.44 | 0.81 |
|  | 9 | 1,922 | 47,208 | 1,957,516 | 321,166 | 2,153,186 | 201 | 5,804,212 | 462,742 | 0.33 | 1,018.48 | 24.56 | 41.47 | 0.93 |
|  | 10 | 1,868 | 45,270 | 1,893,549 | 306,598 | 2,090,578 | 172 | 5,806,557 | 480,420 | 0.32 | 1,013.68 | 24.23 | 41.83 | 0.82 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / <br> User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $11$ | $1,683$ | $40,190$ | $1,713,387$ | 269,973 | 1,876,943 | $177$ | $5,797,457$ | $465,755$ | $0.29$ | $1,018.06$ | $23.88$ | $42.63$ | $0.94$ |
|  | 12 | 1,745 | 41,718 | 1,754,706 | 285,617 | 1,926,548 | 182 | 5,820,593 | 483,261 | 0.30 | 1,005.56 | 23.91 | 42.06 | 0.94 |
| 2009 | 1 | 2,654 | 68,874 | 2,790,404 | 412,369 | 3,038,525 | 301 | 5,826,620 | 443,111 | 0.46 | 1,051.40 | 25.95 | 40.51 | 0.99 |
|  | 2 | 2,304 | 57,189 | 2,376,452 | 371,577 | 2,595,380 | 268 | 5,274,040 | 398,355 | 0.44 | 1,031.45 | 24.82 | 41.55 | 1.03 |
|  | 3 | 1,981 | 48,516 | 2,031,754 | 305,409 | 2,237,783 | 183 | 5,266,143 | 440,833 | 0.38 | 1,025.62 | 24.49 | 41.88 | 0.82 |
|  | 4 | 1,859 | 43,116 | 1,898,409 | 287,416 | 2,074,850 | 202 | 5,619,167 | 454,763 | 0.33 | 1,021.20 | 23.19 | 44.03 | 0.97 |
|  | 5 | 1,717 | 41,097 | 1,738,414 | 264,049 | 1,902,001 | 171 | 5,683,083 | 471,136 | 0.30 | 1,012.47 | 23.94 | 42.30 | 0.90 |
|  | 6 | 1,756 | 39,400 | 1,752,714 | 261,677 | 1,904,244 | 192 | 5,717,386 | 457,505 | 0.31 | 998.13 | 22.44 | 44.49 | 1.01 |
|  | 7 | 1,639 | 38,590 | 1,651,292 | 246,895 | 1,796,536 | 169 | 5,723,272 | 471,326 | 0.29 | 1,007.50 | 23.54 | 42.79 | 0.94 |
|  | 8 | 1,566 | 37,020 | 1,533,568 | 224,901 | 1,692,871 | 146 | 5,679,040 | 471,645 | 0.28 | 979.29 | 23.64 | 41.43 | 0.86 |
|  | 9 | 1,512 | 34,818 | 1,473,839 | 226,729 | 1,613,613 | 151 | 5,716,865 | 456,720 | 0.26 | 974.76 | 23.03 | 42.33 | 0.94 |
|  | 10 | 1,493 | 33,802 | 1,464,468 | 219,782 | 1,603,304 | 150 | 5,716,238 | 474,414 | 0.26 | 980.89 | 22.64 | 43.32 | 0.94 |
|  | 11 | 1,298 | 30,161 | 1,246,191 | 188,761 | 1,376,118 | 112 | 5,712,361 | 459,886 | 0.23 | 960.09 | 23.24 | 41.32 | 0.81 |
|  | 12 | 1,360 | 31,355 | 1,326,369 | 194,014 | 1,460,575 | 110 | 5,738,108 | 476,518 | 0.24 | 975.27 | 23.06 | 42.30 | 0.75 |
| 2010 | 1 | 1,458 | 33,213 | 1,409,558 | 211,977 | 1,552,202 | 154 | 5,736,506 | 439,120 | 0.25 | 966.78 | 22.78 | 42.44 | 0.99 |
|  | 2 | 1,259 | 29,381 | 1,225,721 | 177,889 | 1,326,660 | 143 | 5,218,698 | 394,718 | 0.24 | 973.57 | 23.34 | 41.72 | 1.08 |
|  | 3 | 1,289 | 29,149 | 1,230,389 | 179,059 | 1,359,531 | 121 | 5,211,321 | 435,878 | 0.25 | 954.53 | 22.61 | 42.21 | 0.89 |
|  | 4 | 1,351 | 28,669 | 1,286,217 | 190,258 | 1,401,897 | 128 | 5,646,638 | 457,263 | 0.24 | 952.05 | 21.22 | 44.86 | 0.91 |
|  | 5 | 1,371 | 29,238 | 1,291,239 | 190,439 | 1,412,543 | 145 | 5,709,428 | 473,505 | 0.24 | 941.82 | 21.33 | 44.16 | 1.03 |
|  | 6 | 1,345 | 28,829 | 1,267,323 | 192,089 | 1,392,238 | 127 | 5,738,426 | 459,332 | 0.23 | 942.25 | 21.43 | 43.96 | 0.91 |
|  | 7 | 1,210 | 26,380 | 1,146,617 | 174,647 | 1,233,872 | 130 | 5,738,851 | 473,035 | 0.21 | 947.62 | 21.80 | 43.47 | 1.05 |
|  | 8 | 1,285 | 26,826 | 1,193,891 | 177,537 | 1,289,378 | 137 | 5,690,574 | 473,190 | 0.23 | 929.10 | 20.88 | 44.50 | 1.06 |
|  | 9 | 1,127 | 24,019 | 1,028,393 | 155,485 | 1,117,016 | 119 | 5,720,880 | 458,092 | 0.20 | 912.50 | 21.31 | 42.82 | 1.07 |
|  | 10 | 1,155 | 24,625 | 1,071,718 | 163,702 | 1,159,199 | 98 | 5,715,814 | 475,117 | 0.20 | 927.89 | 21.32 | 43.52 | 0.85 |
|  | 11 | 1,125 | 23,951 | 1,011,974 | 150,366 | 1,101,107 | 100 | 5,715,750 | 459,916 | 0.20 | 899.53 | 21.29 | 42.25 | 0.91 |
|  | 12 | 1,034 | 21,901 | 923,853 | 137,224 | 1,005,958 | 85 | 5,728,831 | 476,632 | 0.18 | 893.47 | 21.18 | 42.18 | 0.84 |
| 2011 | 1 | 1,207 | 25,511 | 1,100,877 | 165,977 | 1,173,418 | 125 | 5,730,014 | 450,971 | 0.21 | 912.08 | 21.14 | 43.15 | 1.07 |
|  | 2 | 1,059 | 23,138 | 946,554 | 142,339 | 1,028,212 | 93 | 5,351,903 | 404,277 | 0.20 | 893.82 | 21.85 | 40.91 | 0.90 |
|  | 3 | 1,166 | 24,003 | 1,032,807 | 149,673 | 1,116,273 | 98 | 5,338,476 | 447,020 | 0.22 | 885.77 | 20.59 | 43.03 | 0.88 |
|  | 4 | 1,220 | 24,124 | 1,063,250 | 157,031 | 1,152,133 | 107 | 5,732,124 | 464,320 | 0.21 | 871.52 | 19.77 | 44.07 | 0.93 |
|  | 5 | 1,133 | 22,177 | 972,277 | 150,035 | 1,045,906 | 91 | 5,774,075 | 480,356 | 0.20 | 858.14 | 19.57 | 43.84 | 0.87 |
|  | 6 | 1,070 | 20,025 | 901,369 | 135,286 | 960,184 | 109 | 5,783,547 | 465,036 | 0.19 | 842.40 | 18.71 | 45.01 | 1.14 |
|  | 7 | 1,015 | 19,062 | 843,574 | 122,403 | 907,509 | 69 | 5,785,564 | 479,200 | 0.18 | 831.11 | 18.78 | 44.25 | 0.76 |
|  | 8 | 1,088 | 20,184 | 884,365 | 129,687 | 946,259 | 78 | 5,770,948 | 479,765 | 0.19 | 812.84 | 18.55 | 43.82 | 0.82 |
|  | 9 | 987 | 18,604 | 789,643 | 114,704 | 846,035 | 61 | 5,815,746 | 464,794 | 0.17 | 800.04 | 18.85 | 42.44 | 0.72 |

Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 989 | 17,200 | 768,329 | 116,227 | 810,551 | 89 | 5,816,660 | 483,259 | 0.17 | 776.87 | 17.39 | 44.67 | 1.10 |
|  | 11 | 955 | 16,926 | 727,095 | 107,073 | 763,171 | 79 | 5,818,823 | 468,232 | 0.16 | 761.36 | 17.72 | 42.96 | 1.04 |
|  | 12 | 929 | 16,502 | 686,757 | 103,018 | 721,028 | 80 | 5,842,867 | 483,849 | 0.16 | 739.24 | 17.76 | 41.62 | 1.11 |
| 2012 | 1 | 1,043 | 17,388 | 756,467 | 112,215 | 798,034 | 63 | 5,822,662 | 420,307 | 0.18 | 725.28 | 16.67 | 43.51 | 0.79 |
|  | 2 | 540 | 9,979 | 402,868 | 59,187 | 420,877 | 43 | 4,979,127 | 291,346 | 0.11 | 746.05 | 18.48 | 40.37 | 1.02 |
|  | 3 | 482 | 8,752 | 349,243 | 50,438 | 367,232 | 31 | 3,870,677 | 302,899 | 0.12 | 724.57 | 18.16 | 39.90 | 0.84 |
|  | 4 | 443 | 7,378 | 311,651 | 44,648 | 332,144 | 22 | 3,829,383 | 308,592 | 0.12 | 703.50 | 16.65 | 42.24 | 0.66 |
|  | 5 | 149 | 2,407 | 105,912 | 15,601 | 111,835 | 6 | 3,810,317 | 126,279 | 0.04 | 710.82 | 16.15 | 44.00 | 0.54 |
|  | 6 | 150 | 2,461 | 102,052 | 14,961 | 110,161 | 6 | 1,452,494 | 116,049 | 0.10 | 680.35 | 16.41 | 41.47 | 0.54 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,429,295 | 3,913 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 18 | 745 | 31,583 | 22,462 | 33,060 | 1 | 108,649 | 8,777 | 0.17 | 1,754.61 | 41.39 | 42.39 | 0.30 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 18,754 | 2 | 104,568 | 7,945 | 0.10 | 1,974.90 | 49.50 | 39.90 | 1.07 |
|  | 3 | 12 | 622 | 20,462 | 2,916 | 22,078 | 1 | 105,415 | 8,850 | 0.11 | 1,705.17 | 51.83 | 32.90 | 0.45 |
|  | 4 | 418 | 17,247 | 733,150 | 164,678 | 756,753 | 64 | 1,999,705 | 161,906 | 0.21 | 1,753.95 | 41.26 | 42.51 | 0.85 |
|  | 5 | 340 | 14,774 | 606,681 | 93,080 | 636,055 | 41 | 2,032,181 | 168,803 | 0.17 | 1,784.36 | 43.45 | 41.06 | 0.64 |
|  | 6 | 308 | 13,554 | 546,923 | 120,422 | 557,992 | 49 | 2,048,847 | 164,051 | 0.15 | 1,775.72 | 44.01 | 40.35 | 0.88 |
|  | 7 | 291 | 12,479 | 503,242 | 76,235 | 516,559 | 43 | 2,061,971 | 169,850 | 0.14 | 1,729.35 | 42.88 | 40.33 | 0.83 |



Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | ---- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 799 | 4,508 | 178,873 | 48,904 | 282,561 | 27 | 236,012 | 19,690 | 3.39 | 223.87 | 5.64 | 39.68 | 0.96 |
|  | 2 | 631 | 3,080 | 125,579 | 18,665 | 210,794 | 24 | 234,271 | 17,827 | 2.69 | 199.02 | 4.88 | 40.77 | 1.14 |
|  | 3 | 689 | 3,395 | 129,002 | 20,239 | 233,533 | 22 | 236,373 | 19,850 | 2.91 | 187.23 | 4.93 | 38.00 | 0.94 |
|  | 4 | 9,513 | 63,866 | 2,628,936 | 547,561 | 4,121,050 | 457 | 4,444,557 | 362,641 | 2.14 | 276.35 | 6.71 | 41.16 | 1.11 |
|  | 5 | 8,814 | 55,492 | 2,208,165 | 400,368 | 3,615,780 | 371 | 4,519,138 | 376,152 | 1.95 | 250.53 | 6.30 | 39.79 | 1.03 |
|  | 6 | 8,112 | 53,369 | 2,093,450 | 449,729 | 3,336,304 | 343 | 4,525,286 | 363,847 | 1.79 | 258.07 | 6.58 | 39.23 | 1.03 |
|  | 7 | 6,878 | 45,827 | 1,840,225 | 367,135 | 2,888,342 | 286 | 4,526,346 | 376,334 | 1.52 | 267.55 | 6.66 | 40.16 | 0.99 |
|  | 8 | 7,450 | 51,121 | 1,994,670 | 384,272 | 3,175,876 | 298 | 4,565,834 | 378,867 | 1.63 | 267.74 | 6.86 | 39.02 | 0.94 |
|  | 9 | 6,501 | 44,620 | 1,728,344 | 355,130 | 2,755,175 | 282 | 4,600,801 | 369,627 | 1.41 | 265.86 | 6.86 | 38.73 | 1.02 |
|  | 10 | 6,411 | 43,708 | 1,743,467 | 347,835 | 2,775,738 | 260 | 4,605,966 | 384,754 | 1.39 | 271.95 | 6.82 | 39.89 | 0.94 |
|  | 11 | 5,697 | 39,405 | 1,527,025 | 308,190 | 2,430,382 | 258 | 4,619,772 | 373,186 | 1.23 | 268.04 | 6.92 | 38.75 | 1.06 |
|  | 12 | 5,013 | 34,309 | 1,334,666 | 237,233 | 2,127,915 | 226 | 4,645,303 | 387,745 | 1.08 | 266.24 | 6.84 | 38.90 | 1.06 |
| 2007 | 1 | 5,597 | 43,975 | 1,680,578 | 357,190 | 2,632,151 | 251 | 4,424,257 | 369,335 | 1.27 | 300.26 | 7.86 | 38.22 | 0.95 |
|  | 2 | 4,805 | 37,766 | 1,451,754 | 271,920 | 2,285,292 | 241 | 4,371,748 | 333,235 | 1.10 | 302.13 | 7.86 | 38.44 | 1.05 |
|  | 3 | 4,611 | 35,714 | 1,372,108 | 276,458 | 2,153,810 | 220 | 4,376,966 | 369,103 | 1.05 | 297.57 | 7.75 | 38.42 | 1.02 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 3,869 | 16,367 | 682,732 | 100,993 | 1,175,169 | 157 | 8,305,403 | 634,210 | 0.47 | 176.46 | 4.23 | 41.71 | 1.34 |
|  | 3 | 3,876 | 15,978 | 661,611 | 99,604 | 1,126,505 | 162 | 8,301,736 | 701,526 | 0.47 | 170.69 | 4.12 | 41.41 | 1.44 |
|  | 4 | 5,367 | 19,673 | 836,601 | 125,853 | 1,434,850 | 208 | 9,028,027 | 738,512 | 0.59 | 155.88 | 3.67 | 42.53 | 1.45 |
|  | 5 | 5,088 | 17,408 | 745,156 | 110,816 | 1,264,424 | 167 | 9,121,558 | 763,181 | 0.56 | 146.45 | 3.42 | 42.81 | 1.32 |
|  | 6 | 4,402 | 14,603 | 615,490 | 92,662 | 1,006,498 | 150 | 9,126,559 | 738,132 | 0.48 | 139.82 | 3.32 | 42.15 | 1.49 |
|  | 7 | 4,663 | 14,735 | 601,751 | 90,908 | 976,232 | 102 | 9,092,883 | 760,659 | 0.51 | 129.05 | 3.16 | 40.84 | 1.04 |
|  | 8 | 4,758 | 13,941 | 562,933 | 84,307 | 878,910 | 112 | 9,097,685 | 761,164 | 0.52 | 118.31 | 2.93 | 40.38 | 1.27 |
|  | 9 | 4,371 | 11,831 | 466,207 | 71,941 | 705,507 | 106 | 9,251,924 | 737,067 | 0.47 | 106.66 | 2.71 | 39.41 | 1.50 |
|  | 10 | 5,163 | 13,053 | 494,408 | 78,964 | 709,729 | 110 | 9,244,817 | 773,669 | 0.56 | 95.76 | 2.53 | 37.88 | 1.55 |
|  | 11 | 4,401 | 9,444 | 357,737 | 59,049 | 493,613 | 79 | 9,257,456 | 749,117 | 0.48 | 81.29 | 2.15 | 37.88 | 1.60 |
|  | 12 | 4,068 | 7,697 | 259,815 | 40,594 | 350,467 | 55 | 9,265,297 | 773,704 | 0.44 | 63.87 | 1.89 | 33.76 | 1.57 |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 56 | 1,517 | 62,696 | 26,898 | 74,458 | 2 | 151,621 | 11,814 | 0.37 | 1,119.57 | 27.09 | 41.33 | 0.27 |
|  | 2 | 45 | 1,098 | 47,129 | 6,720 | 53,838 | 4 | 140,885 | 10,677 | 0.32 | 1,047.31 | 24.40 | 42.92 | 0.74 |
|  | 3 | 50 | 1,451 | 50,190 | 7,448 | 63,228 | 2 | 142,046 | 11,867 | 0.35 | 1,003.80 | 29.02 | 34.59 | 0.32 |
|  | 4 | 1,466 | 37,597 | 1,567,667 | 326,166 | 1,819,963 | 176 | 2,992,448 | 242,454 | 0.49 | 1,069.35 | 25.65 | 41.70 | 0.97 |
|  | 5 | 1,163 | 31,027 | 1,256,294 | 220,775 | 1,468,082 | 128 | 3,048,846 | 252,231 | 0.38 | 1,080.22 | 26.68 | 40.49 | 0.87 |
|  | 6 | 1,151 | 30,892 | 1,213,497 | 264,629 | 1,416,606 | 135 | 3,067,687 | 245,246 | 0.38 | 1,054.30 | 26.84 | 39.28 | 0.95 |
|  | 7 | 1,044 | 27,179 | 1,091,701 | 189,090 | 1,281,636 | 100 | 3,088,435 | 254,406 | 0.34 | 1,045.69 | 26.03 | 40.17 | 0.78 |
|  | 8 | 1,174 | 30,652 | 1,206,779 | 215,207 | 1,441,572 | 112 | 3,105,547 | 256,479 | 0.38 | 1,027.92 | 26.11 | 39.37 | 0.78 |
|  | 9 | 1,132 | 28,886 | 1,114,229 | 220,867 | 1,352,374 | 98 | 3,134,010 | 250,691 | 0.36 | 984.30 | 25.52 | 38.57 | 0.72 |
|  | 10 | 1,144 | 28,994 | 1,155,748 | 209,522 | 1,382,484 | 110 | 3,140,666 | 261,020 | 0.36 | 1,010.27 | 25.34 | 39.86 | 0.80 |
|  | 11 | 1,077 | 26,756 | 1,049,191 | 200,938 | 1,261,451 | 112 | 3,146,978 | 253,172 | 0.34 | 974.18 | 24.84 | 39.21 | 0.89 |
|  | 12 | 936 | 23,785 | 925,372 | 148,420 | 1,098,636 | 94 | 3,159,747 | 262,580 | 0.30 | 988.65 | 25.41 | 38.91 | 0.86 |
| 2007 | 1 | 1,197 | 31,780 | 1,217,740 | 252,383 | 1,464,047 | 117 | 3,165,837 | 246,758 | 0.38 | 1,017.33 | 26.55 | 38.32 | 0.80 |
|  | 2 | 1,039 | 26,732 | 1,042,082 | 182,694 | 1,248,861 | 115 | 2,935,975 | 221,519 | 0.35 | 1,002.97 | 25.73 | 38.98 | 0.92 |
|  | 3 | 1,022 | 25,431 | 1,009,138 | 177,413 | 1,210,718 | 107 | 2,926,935 | 244,421 | 0.35 | 987.41 | 24.88 | 39.68 | 0.88 |
|  | 4 | 1,040 | 26,233 | 1,031,394 | 204,643 | 1,250,867 | 95 | 3,070,990 | 247,937 | 0.34 | 991.73 | 25.22 | 39.32 | 0.76 |
|  | 5 | 1,022 | 25,144 | 994,616 | 178,659 | 1,204,104 | 90 | 3,095,465 | 256,786 | 0.33 | 973.21 | 24.60 | 39.56 | 0.75 |
|  | 6 | 907 | 22,155 | 893,686 | 140,946 | 1,078,806 | 93 | 3,105,728 | 248,839 | 0.29 | 985.32 | 24.43 | 40.34 | 0.86 |
|  | 7 | 929 | 21,991 | 901,726 | 174,498 | 1,098,402 | 93 | 3,111,869 | 257,009 | 0.30 | 970.64 | 23.67 | 41.00 | 0.85 |
|  | 8 | 1,010 | 24,428 | 969,071 | 156,425 | 1,199,160 | 84 | 4,045,460 | 262,639 | 0.25 | 959.48 | 24.19 | 39.67 | 0.70 |
|  | 9 | 1,331 | 32,627 | 1,314,817 | 202,396 | 1,560,741 | 148 | 4,078,052 | 326,859 | 0.33 | 987.84 | 24.51 | 40.30 | 0.95 |
|  | 10 | 1,492 | 37,363 | 1,446,496 | 229,320 | 1,731,024 | 155 | 4,082,174 | 338,874 | 0.37 | 969.50 | 25.04 | 38.71 | 0.90 |
|  | 11 | 1,404 | 35,034 | 1,381,959 | 242,113 | 1,653,600 | 153 | 4,082,320 | 328,173 | 0.34 | 984.30 | 24.95 | 39.45 | 0.93 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 1,433 | 36,693 | 1,427,579 | 227,385 | 1,707,295 | 146 | 4,094,823 | 340,581 | 0.35 | 996.22 | 25.61 | 38.91 | 0.86 |
| 2008 | 1 | 2,125 | 51,931 | 2,095,993 | 318,487 | 2,516,141 | 265 | 4,103,890 | 320,947 | 0.52 | 986.35 | 24.44 | 40.36 | 1.05 |
|  | 2 | 1,846 | 47,243 | 1,857,048 | 300,755 | 2,206,998 | 229 | 3,839,177 | 298,435 | 0.48 | 1,005.98 | 25.59 | 39.31 | 1.04 |
|  | 3 | 2,057 | 50,264 | 2,060,745 | 330,036 | 2,446,983 | 223 | 5,710,233 | 323,024 | 0.36 | 1,001.82 | 24.44 | 41.00 | 0.91 |
|  | 4 | 3,063 | 67,210 | 2,980,690 | 509,538 | 3,575,961 | 325 | 5,686,704 | 458,388 | 0.54 | 973.13 | 21.94 | 44.35 | 0.91 |
|  | 5 | 2,493 | 56,028 | 2,399,141 | 362,186 | 2,867,173 | 285 | 5,744,944 | 473,793 | 0.43 | 962.35 | 22.47 | 42.82 | 0.99 |
|  | 6 | 2,318 | 53,033 | 2,238,809 | 352,535 | 2,680,497 | 240 | 5,760,273 | 459,895 | 0.40 | 965.84 | 22.88 | 42.22 | 0.90 |
|  | 7 | 2,305 | 51,075 | 2,165,692 | 395,426 | 2,624,041 | 250 | 5,784,553 | 475,495 | 0.40 | 939.56 | 22.16 | 42.40 | 0.95 |
|  | 8 | 2,117 | 46,825 | 1,981,476 | 324,862 | 2,414,298 | 203 | 5,761,113 | 476,905 | 0.37 | 935.98 | 22.12 | 42.32 | 0.84 |
|  | 9 | 2,225 | 50,301 | 2,084,915 | 340,355 | 2,511,811 | 232 | 5,799,734 | 462,366 | 0.38 | 937.04 | 22.61 | 41.45 | 0.92 |
|  | 10 | 2,226 | 49,147 | 2,046,511 | 328,684 | 2,500,727 | 217 | 5,801,823 | 480,009 | 0.38 | 919.37 | 22.08 | 41.64 | 0.87 |
|  | 11 | 2,011 | 43,653 | 1,853,242 | 294,239 | 2,248,909 | 206 | 5,792,426 | 465,331 | 0.35 | 921.55 | 21.71 | 42.45 | 0.92 |
|  | 12 | 2,124 | 45,703 | 1,915,344 | 316,072 | 2,329,054 | 244 | 5,815,270 | 482,797 | 0.37 | 901.76 | 21.52 | 41.91 | 1.05 |
| 2009 | 1 | 3,246 | 74,932 | 3,037,961 | 449,500 | 3,678,957 | 376 | 5,820,977 | 442,644 | 0.56 | 935.91 | 23.08 | 40.54 | 1.02 |
|  | 2 | 2,798 | 62,352 | 2,582,509 | 403,986 | 3,130,458 | 334 | 5,268,242 | 397,896 | 0.53 | 922.98 | 22.28 | 41.42 | 1.07 |
|  | 3 | 2,476 | 53,463 | 2,235,056 | 344,540 | 2,753,848 | 229 | 5,259,897 | 440,287 | 0.47 | 902.69 | 21.59 | 41.81 | 0.83 |
|  | 4 | 2,294 | 47,199 | 2,077,418 | 313,878 | 2,531,284 | 239 | 5,612,484 | 454,204 | 0.41 | 905.59 | 20.57 | 44.01 | 0.94 |
|  | 5 | 2,106 | 44,759 | 1,899,394 | 290,312 | 2,305,631 | 215 | 5,676,050 | 470,530 | 0.37 | 901.90 | 21.25 | 42.44 | 0.93 |
|  | 6 | 2,123 | 43,036 | 1,904,923 | 284,423 | 2,292,657 | 249 | 5,710,032 | 456,892 | 0.37 | 897.28 | 20.27 | 44.26 | 1.09 |
|  | 7 | 2,001 | 42,325 | 1,800,194 | 276,048 | 2,173,677 | 220 | 5,715,609 | 470,672 | 0.35 | 899.65 | 21.15 | 42.53 | 1.01 |
|  | 8 | 1,943 | 40,722 | 1,691,218 | 247,539 | 2,085,637 | 183 | 5,671,150 | 470,967 | 0.34 | 870.42 | 20.96 | 41.53 | 0.88 |
|  | 9 | 1,910 | 38,718 | 1,639,015 | 256,669 | 2,014,507 | 190 | 5,708,669 | 456,038 | 0.33 | 858.12 | 20.27 | 42.33 | 0.94 |
|  | 10 | 1,879 | 37,608 | 1,625,049 | 255,249 | 1,985,411 | 200 | 5,707,713 | 473,683 | 0.33 | 864.85 | 20.01 | 43.21 | 1.01 |
|  | 11 | 1,623 | 33,308 | 1,379,680 | 213,324 | 1,706,535 | 150 | 5,703,536 | 459,154 | 0.28 | 850.08 | 20.52 | 41.42 | 0.88 |
|  | 12 | 1,701 | 34,887 | 1,466,281 | 214,496 | 1,802,733 | 148 | 5,729,015 | 475,738 | 0.30 | 862.01 | 20.51 | 42.03 | 0.82 |
| 2010 | 1 | 1,831 | 36,774 | 1,565,128 | 243,334 | 1,934,219 | 190 | 5,727,127 | 438,374 | 0.32 | 854.79 | 20.08 | 42.56 | 0.98 |
|  | 2 | 1,558 | 32,255 | 1,348,126 | 204,139 | 1,622,207 | 174 | 5,209,717 | 394,027 | 0.30 | 865.29 | 20.70 | 41.80 | 1.07 |
|  | 3 | 1,586 | 31,913 | 1,351,132 | 197,219 | 1,662,243 | 153 | 5,202,127 | 435,094 | 0.30 | 851.91 | 20.12 | 42.34 | 0.92 |
|  | 4 | 1,734 | 32,267 | 1,447,960 | 214,673 | 1,774,490 | 169 | 5,637,239 | 456,485 | 0.31 | 835.04 | 18.61 | 44.87 | 0.95 |
|  | 5 | 1,698 | 32,408 | 1,425,940 | 210,033 | 1,736,710 | 171 | 5,699,727 | 472,676 | 0.30 | 839.78 | 19.09 | 44.00 | 0.98 |
|  | 6 | 1,665 | 31,737 | 1,400,256 | 211,609 | 1,702,183 | 161 | 5,728,476 | 458,511 | 0.29 | 840.99 | 19.06 | 44.12 | 0.95 |
|  | 7 | 1,532 | 29,371 | 1,279,050 | 193,766 | 1,538,127 | 159 | 5,728,669 | 472,172 | 0.27 | 834.89 | 19.17 | 43.55 | 1.03 |
|  | 8 | 1,589 | 29,743 | 1,320,939 | 196,674 | 1,586,563 | 165 | 5,680,232 | 472,308 | 0.28 | 831.30 | 18.72 | 44.41 | 1.04 |
|  | 9 | 1,464 | 27,197 | 1,168,284 | 177,091 | 1,429,397 | 148 | 5,710,324 | 457,223 | 0.26 | 798.01 | 18.58 | 42.96 | 1.04 |
|  | 10 | 1,465 | 27,579 | 1,197,793 | 181,973 | 1,446,032 | 130 | 5,705,027 | 474,198 | 0.26 | 817.61 | 18.83 | 43.43 | 0.90 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 1,413 | 26,660 | 1,127,568 | 166,832 | 1,367,775 | 124 | 5,704,739 | 459,009 | 0.25 | 798.00 | 18.87 | 42.29 | 0.91 |
|  | 12 | 1,295 | 24,389 | 1,032,190 | 153,154 | 1,244,053 | 115 | 5,717,627 | 475,680 | 0.23 | 797.06 | 18.83 | 42.32 | 0.92 |
| 2011 | 1 | 1,528 | 28,506 | 1,234,301 | 185,335 | 1,467,778 | 154 | 5,718,649 | 450,055 | 0.27 | 807.79 | 18.66 | 43.30 | 1.05 |
|  | 2 | 1,329 | 25,707 | 1,056,725 | 157,920 | 1,270,550 | 121 | 5,340,976 | 403,438 | 0.25 | 795.13 | 19.34 | 41.11 | 0.95 |
|  | 3 | 1,460 | 26,739 | 1,151,316 | 167,150 | 1,377,558 | 134 | 5,327,377 | 446,075 | 0.27 | 788.57 | 18.31 | 43.06 | 0.97 |
|  | 4 | 1,513 | 26,692 | 1,183,767 | 174,210 | 1,414,310 | 140 | 5,720,793 | 463,387 | 0.26 | 782.40 | 17.64 | 44.35 | 0.99 |
|  | 5 | 1,433 | 25,009 | 1,096,009 | 169,447 | 1,307,645 | 115 | 5,762,540 | 479,376 | 0.25 | 764.84 | 17.45 | 43.82 | 0.88 |
|  | 6 | 1,345 | 22,439 | 1,013,956 | 152,317 | 1,194,078 | 135 | 5,771,827 | 464,073 | 0.23 | 753.87 | 16.68 | 45.19 | 1.13 |
|  | 7 | 1,244 | 21,141 | 938,469 | 136,244 | 1,103,171 | 83 | 5,773,661 | 478,194 | 0.22 | 754.40 | 16.99 | 44.39 | 0.75 |
|  | 8 | 1,329 | 22,333 | 978,046 | 142,894 | 1,145,920 | 96 | 5,758,969 | 478,749 | 0.23 | 735.93 | 16.80 | 43.79 | 0.84 |
|  | 9 | 1,191 | 20,516 | 871,788 | 126,405 | 1,014,468 | 75 | 5,803,621 | 463,801 | 0.21 | 731.98 | 17.23 | 42.49 | 0.74 |
|  | 10 | 1,169 | 18,862 | 842,271 | 126,667 | 958,959 | 102 | 5,804,428 | 482,224 | 0.20 | 720.51 | 16.14 | 44.65 | 1.06 |
|  | 11 | 1,140 | 18,610 | 801,290 | 117,572 | 907,634 | 96 | 5,806,501 | 467,223 | 0.20 | 702.89 | 16.32 | 43.06 | 1.06 |
|  | 12 | 1,137 | 18,329 | 770,073 | 115,181 | 882,805 | 94 | 5,830,450 | 482,799 | 0.20 | 677.28 | 16.12 | 42.01 | 1.06 |
| 2012 | 1 | 1,262 | 19,464 | 843,906 | 124,948 | 957,035 | 91 | 5,810,173 | 419,350 | 0.22 | 668.71 | 15.42 | 43.36 | 0.95 |
|  | 2 | 653 | 11,031 | 448,995 | 66,262 | 508,362 | 49 | 4,967,813 | 290,787 | 0.13 | 687.59 | 16.89 | 40.70 | 0.96 |
|  | 3 | 586 | 9,726 | 391,977 | 56,809 | 446,199 | 40 | 3,863,877 | 302,328 | 0.15 | 668.90 | 16.60 | 40.30 | 0.90 |
|  | 4 | 540 | 8,357 | 351,746 | 50,673 | 403,199 | 31 | 3,822,564 | 308,037 | 0.14 | 651.38 | 15.48 | 42.09 | 0.77 |
|  | 5 | 175 | 2,702 | 116,577 | 17,123 | 130,227 | 9 | 3,803,509 | 126,123 | 0.05 | 666.15 | 15.44 | 43.14 | 0.69 |
|  | 6 | 169 | 2,611 | 109,651 | 16,418 | 124,084 | 7 | 1,450,806 | 115,911 | 0.12 | 648.82 | 15.45 | 42.00 | 0.56 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,427,617 | 3,909 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 19 | 783 | 32,647 | 22,614 | 36,111 | 1 | 108,649 | 8,777 | 0.17 | 1,718.26 | 41.21 | 41.69 | 0.28 |
|  | 2 | 11 | 532 | 20,787 | 2,966 | 20,561 | 2 | 104,567 | 7,945 | 0.11 | 1,889.73 | 48.36 | 39.07 | 0.97 |
|  | 3 | 15 | 734 | 23,606 | 3,660 | 28,161 | 1 | 105,413 | 8,850 | 0.14 | 1,573.73 | 48.93 | 32.16 | 0.36 |
|  | 4 | 447 | 17,978 | 766,302 | 169,401 | 830,746 | 75 | 1,999,701 | 161,904 | 0.22 | 1,714.32 | 40.22 | 42.62 | 0.90 |
|  | 5 | 370 | 15,541 | 640,320 | 97,864 | 705,570 | 49 | 2,032,149 | 168,799 | 0.18 | 1,730.59 | 42.00 | 41.20 | 0.69 |
|  | 6 | 351 | 14,782 | 595,266 | 136,492 | 640,573 | 59 | 2,048,786 | 164,045 | 0.17 | 1,695.91 | 42.11 | 40.27 | 0.92 |
|  | 7 | 317 | 13,229 | 532,157 | 80,355 | 573,284 | 48 | 2,061,867 | 169,841 | 0.15 | 1,678.73 | 41.73 | 40.23 | 0.84 |
|  | 8 | 334 | 13,563 | 553,323 | 100,594 | 626,765 | 40 | 2,070,969 | 171,112 | 0.16 | 1,656.66 | 40.61 | 40.80 | 0.64 |
|  | 9 | 289 | 12,442 | 488,456 | 73,024 | 548,021 | 37 | 2,088,528 | 167,190 | 0.14 | 1,690.16 | 43.05 | 39.26 | 0.68 |
|  | 10 | 339 | 13,669 | 556,800 | 89,477 | 620,610 | 50 | 2,089,936 | 173,723 | 0.16 | 1,642.48 | 40.32 | 40.73 | 0.81 |
|  | 11 | 300 | 11,705 | 473,413 | 95,753 | 524,123 | 46 | 2,088,464 | 168,423 | 0.14 | 1,578.04 | 39.02 | 40.45 | 0.88 |
|  | 12 | 264 | 10,871 | 434,964 | 70,562 | 472,785 | 41 | 2,096,893 | 174,688 | 0.13 | 1,647.59 | 41.18 | 40.01 | 0.87 |
| 2007 | 1 | 380 | 15,527 | 608,284 | 124,946 | 679,356 | 53 | 2,101,433 | 167,199 | 0.18 | 1,600.75 | 40.86 | 39.18 | 0.78 |
|  | 2 | 305 | 12,438 | 488,824 | 72,379 | 543,129 | 45 | 1,991,674 | 150,886 | 0.15 | 1,602.70 | 40.78 | 39.30 | 0.83 |
|  | 3 | 295 | 11,492 | 463,097 | 78,657 | 509,268 | 49 | 1,993,215 | 167,046 | 0.15 | 1,569.82 | 38.96 | 40.30 | 0.96 |
|  | 4 | 285 | 11,372 | 456,543 | 73,372 | 514,886 | 31 | 2,079,276 | 168,608 | 0.14 | 1,601.91 | 39.90 | 40.15 | 0.60 |
|  | 5 | 264 | 10,595 | 426,768 | 70,501 | 466,741 | 36 | 2,096,952 | 174,697 | 0.13 | 1,616.55 | 40.13 | 40.28 | 0.77 |
|  | 6 | 250 | 9,629 | 398,462 | 57,174 | 445,533 | 32 | 2,108,783 | 169,526 | 0.12 | 1,593.85 | 38.52 | 41.38 | 0.72 |
|  | 7 | 238 | 8,652 | 381,510 | 70,191 | 430,867 | 32 | 2,115,326 | 174,499 | 0.11 | 1,602.98 | 36.35 | 44.10 | 0.74 |
|  | 8 | 277 | 10,521 | 436,611 | 63,632 | 485,621 | 36 | 2,731,273 | 178,441 | 0.10 | 1,576.21 | 37.98 | 41.50 | 0.74 |
|  | 9 | 368 | 14,158 | 593,224 | 88,819 | 645,708 | 55 | 2,753,508 | 221,154 | 0.13 | 1,612.02 | 38.47 | 41.90 | 0.85 |
|  | 10 | 373 | 15,384 | 599,714 | 89,935 | 651,419 | 55 | 2,755,558 | 229,635 | 0.14 | 1,607.81 | 41.24 | 38.98 | 0.84 |
|  | 11 | 394 | 15,333 | 624,566 | 104,316 | 689,373 | 50 | 2,761,875 | 222,561 | 0.14 | 1,585.19 | 38.92 | 40.73 | 0.73 |
|  | 12 | 436 | 17,835 | 693,115 | 101,856 | 767,800 | 60 | 2,769,930 | 230,837 | 0.16 | 1,589.71 | 40.91 | 38.86 | 0.78 |
| 2008 | 1 | 579 | 21,835 | 919,311 | 134,191 | 1,013,023 | 93 | 2,773,291 | 215,930 | 0.21 | 1,587.76 | 37.71 | 42.10 | 0.92 |
|  | 2 | 519 | 21,178 | 841,875 | 123,195 | 917,298 | 77 | 2,583,807 | 201,542 | 0.20 | 1,622.11 | 40.81 | 39.75 | 0.84 |
|  | 3 | 574 | 21,603 | 912,811 | 135,408 | 988,260 | 80 | 3,618,126 | 218,043 | 0.16 | 1,590.26 | 37.64 | 42.25 | 0.81 |
|  | 4 | 774 | 27,943 | 1,228,934 | 204,168 | 1,344,742 | 110 | 3,606,370 | 292,481 | 0.21 | 1,587.77 | 36.10 | 43.98 | 0.82 |
|  | 5 | 611 | 22,650 | 978,753 | 145,046 | 1,042,224 | 108 | 3,655,176 | 303,593 | 0.17 | 1,601.89 | 37.07 | 43.21 | 1.04 |
|  | 6 | 570 | 21,323 | 904,028 | 133,927 | 977,770 | 74 | 3,679,125 | 294,857 | 0.15 | 1,586.01 | 37.41 | 42.40 | 0.76 |
|  | 7 | 538 | 19,383 | 843,595 | 125,182 | 920,421 | 79 | 3,700,419 | 304,099 | 0.15 | 1,568.02 | 36.03 | 43.52 | 0.86 |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 821 | 4,612 | 184,766 | 49,744 | 198,475 | 0 | 237,479 | 19,842 | 3.46 | 225.05 | 5.62 | 40.06 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 136,977 | 1 | 235,758 | 17,965 | 2.74 | 197.12 | 4.84 | 40.70 | 0.07 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 143,085 | 1 | 237,803 | 20,001 | 2.99 | 186.58 | 4.93 | 37.85 | 0.07 |
|  | 4 | 9,751 | 65,433 | 2,687,718 | 557,064 | 2,877,067 | 5 | 4,468,954 | 365,100 | 2.18 | 275.64 | 6.71 | 41.08 | 0.02 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | 4,944 | 25,307 | 1,070,415 | 157,635 | 1,128,697 | 1 | 9,073,282 | 701,865 | 0.54 | 216.51 | 5.12 | 42.30 | 0.01 |
|  | 4 | 6,023 | 28,878 | 1,278,840 | 190,723 | 1,346,760 | 2 | 8,961,027 | 734,008 | 0.67 | 212.33 | 4.79 | 44.28 | 0.01 |
|  | 5 | 5,730 | 26,389 | 1,161,758 | 176,530 | 1,222,418 | 4 | 9,059,647 | 758,577 | 0.63 | 202.75 | 4.61 | 44.02 | 0.03 |
|  | 6 | 4,981 | 23,150 | 1,021,650 | 152,079 | 1,075,124 | 3 | 9,059,750 | 733,987 | 0.55 | 205.11 | 4.65 | 44.13 | 0.03 |
|  | 7 | 4,657 | 20,311 | 881,944 | 133,264 | 932,825 | 1 | 8,989,739 | 752,894 | 0.52 | 189.38 | 4.36 | 43.42 | 0.01 |
|  | 8 | 5,039 | 22,192 | 951,680 | 145,280 | 1,003,487 | 4 | 9,002,657 | 753,832 | 0.56 | 188.86 | 4.40 | 42.88 | 0.04 |
|  | 9 | 4,355 | 18,733 | 794,727 | 119,079 | 839,794 | 0 | 9,075,066 | 729,990 | 0.48 | 182.49 | 4.30 | 42.42 | 0.00 |
|  | 10 | 5,033 | 21,135 | 914,157 | 135,964 | 964,153 | 1 | 9,069,805 | 759,920 | 0.55 | 181.63 | 4.20 | 43.25 | 0.01 |
|  | 11 | 4,607 | 19,358 | 811,368 | 120,849 | 852,841 | 1 | 9,092,202 | 736,257 | 0.51 | 176.12 | 4.20 | 41.91 | 0.01 |
|  | 12 | 4,213 | 17,468 | 735,605 | 109,910 | 776,744 | 0 | 9,127,057 | 763,917 | 0.46 | 174.60 | 4.15 | 42.11 | 0.00 |
| 2013 | 1 | 4,336 | 18,668 | 785,361 | 116,877 | 828,268 | 0 | 8,455,455 | 708,775 | 0.51 | 181.13 | 4.31 | 42.07 | 0.00 |
|  | 2 | 3,977 | 16,873 | 703,236 | 104,014 | 742,794 | 0 | 8,345,728 | 638,150 | 0.48 | 176.83 | 4.24 | 41.68 | 0.00 |
|  | 3 | 3,990 | 16,407 | 678,726 | 101,693 | 718,025 | 1 | 8,341,842 | 705,875 | 0.48 | 170.11 | 4.11 | 41.37 | 0.01 |
|  | 4 | 5,521 | 20,242 | 858,774 | 128,997 | 905,914 | 1 | 9,072,051 | 743,205 | 0.61 | 155.55 | 3.67 | 42.43 | 0.01 |
|  | 5 | 5,268 | 18,065 | 771,691 | 114,556 | 812,917 | 1 | 9,165,054 | 768,016 | 0.57 | 146.49 | 3.43 | 42.72 | 0.01 |
|  | 6 | 4,528 | 15,000 | 629,068 | 95,166 | 665,158 | 1 | 9,171,831 | 742,850 | 0.49 | 138.93 | 3.31 | 41.94 | 0.02 |
|  | 7 | 4,835 | 15,315 | 623,282 | 94,223 | 657,718 | 1 | 9,137,101 | 765,563 | 0.53 | 128.91 | 3.17 | 40.70 | 0.02 |
|  | 8 | 4,916 | 14,413 | 581,244 | 87,840 | 611,408 | 1 | 9,142,571 | 766,081 | 0.54 | 118.24 | 2.93 | 40.33 | 0.02 |
|  | 9 | 4,561 | 12,345 | 485,140 | 74,619 | 510,642 | 1 | 9,297,568 | 741,806 | 0.49 | 106.37 | 2.71 | 39.30 | 0.02 |
|  | 10 | 5,342 | 13,531 | 511,127 | 82,017 | 537,821 | 0 | 9,289,328 | 778,621 | 0.58 | 95.68 | 2.53 | 37.77 | 0.00 |
|  | 11 | 4,523 | 9,699 | 366,877 | 60,697 | 382,268 | 0 | 9,302,649 | 753,873 | 0.49 | 81.11 | 2.14 | 37.83 | 0.00 |
|  | 12 | 4,206 | 7,984 | 268,657 | 40,729 | 281,438 | 0 | 9,309,324 | 778,655 | 0.45 | 63.87 | 1.90 | 33.65 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 105 | 2,148 | 85,441 | 30,144 | 91,118 | 0 | 209,149 | 14,654 | 0.50 | 813.72 | 20.46 | 39.78 | 0.00 |
|  | 2 | 85 | 1,557 | 65,866 | 9,393 | 70,254 | 0 | 174,072 | 13,201 | 0.49 | 774.89 | 18.32 | 42.30 | 0.00 |
|  | 3 | 90 | 1,964 | 68,399 | 10,330 | 74,389 | 0 | 175,934 | 14,724 | 0.51 | 759.99 | 21.82 | 34.83 | 0.00 |
|  | 4 | 2,278 | 47,196 | 1,958,587 | 404,325 | 2,085,012 | 2 | 3,629,529 | 293,885 | 0.63 | 859.78 | 20.72 | 41.50 | 0.01 |
|  | 5 | 1,819 | 39,394 | 1,571,606 | 280,067 | 1,670,678 | 2 | 3,696,226 | 306,188 | 0.49 | 863.99 | 21.66 | 39.89 | 0.01 |
|  | 6 | 1,851 | 39,469 | 1,544,132 | 324,470 | 1,648,952 | 3 | 3,725,862 | 297,877 | 0.50 | 834.22 | 21.32 | 39.12 | 0.02 |
|  | 7 | 1,720 | 35,499 | 1,418,592 | 272,377 | 1,515,114 | 3 | 3,752,670 | 307,161 | 0.46 | 824.76 | 20.64 | 39.96 | 0.02 |
|  | 8 | 1,931 | 39,825 | 1,553,938 | 284,866 | 1,671,093 | 0 | 3,751,483 | 309,441 | 0.51 | 804.73 | 20.62 | 39.02 | 0.00 |
|  | 9 | 1,782 | 36,651 | 1,418,169 | 298,082 | 1,519,034 | 1 | 3,784,487 | 302,274 | 0.47 | 795.83 | 20.57 | 38.69 | 0.01 |
|  | 10 | 1,773 | 36,650 | 1,451,723 | 278,930 | 1,559,204 | 0 | 3,791,127 | 314,687 | 0.47 | 818.79 | 20.67 | 39.61 | 0.00 |
|  | 11 | 1,689 | 34,449 | 1,336,465 | 276,824 | 1,433,790 | 2 | 3,798,362 | 305,512 | 0.44 | 791.28 | 20.40 | 38.80 | 0.01 |
|  | 12 | 1,479 | 30,258 | 1,174,473 | 198,435 | 1,255,595 | 1 | 3,817,759 | 317,269 | 0.39 | 794.10 | 20.46 | 38.82 | 0.01 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 | Month 1 | 1,865 | $40,609$ | 1,546,558 | Supplied | Days at Risk | $1$ | 3,829,889 | $306,037$ | $0.49$ |  | $21.77$ | $38.08$ | $0.01$ |
|  | 2 | 1,644 | 34,463 | 1,338,001 | 241,060 | 1,431,642 | 2 | 3,652,713 | 276,434 | 0.45 | 813.87 | 20.96 | 38.82 | 0.01 |
|  | 3 | 1,609 | 33,003 | 1,298,278 | 236,368 | 1,391,156 | 0 | 3,656,625 | 306,379 | 0.44 | 806.89 | 20.51 | 39.34 | 0.00 |
|  | 4 | 1,662 | 33,929 | 1,328,197 | 279,753 | 1,422,913 | 1 | 3,862,559 | 312,975 | 0.43 | 799.16 | 20.41 | 39.15 | 0.01 |
|  | 5 | 1,648 | 33,020 | 1,300,820 | 234,311 | 1,389,964 | 1 | 3,909,726 | 324,247 | 0.42 | 789.33 | 20.04 | 39.39 | 0.01 |
|  | 6 | 1,492 | 29,323 | 1,170,313 | 197,584 | 1,250,491 | 2 | 3,924,932 | 314,247 | 0.38 | 784.39 | 19.65 | 39.91 | 0.02 |
|  | 7 | 1,461 | 28,290 | 1,141,240 | 214,392 | 1,220,381 | 3 | 3,932,750 | 325,104 | 0.37 | 781.14 | 19.36 | 40.34 | 0.02 |
|  | 8 | 1,591 | 31,780 | 1,241,353 | 196,268 | 1,334,522 | 0 | 5,134,267 | 332,729 | 0.31 | 780.23 | 19.97 | 39.06 | 0.00 |
|  | 9 | 2,156 | 42,816 | 1,701,042 | 273,453 | 1,818,436 | 2 | 5,183,699 | 415,037 | 0.42 | 788.98 | 19.86 | 39.73 | 0.01 |
|  | 10 | 2,374 | 48,238 | 1,840,883 | 297,968 | 1,970,703 | 0 | 5,188,751 | 431,276 | 0.46 | 775.44 | 20.32 | 38.16 | 0.00 |
|  | 11 | 2,237 | 44,765 | 1,743,838 | 306,042 | 1,862,850 | 3 | 5,198,722 | 417,852 | 0.43 | 779.54 | 20.01 | 38.96 | 0.02 |
|  | 12 | 2,167 | 45,411 | 1,734,954 | 279,697 | 1,853,728 | 2 | 5,214,683 | 433,456 | 0.42 | 800.62 | 20.96 | 38.21 | 0.01 |
| 2008 | 1 | 3,086 | 63,730 | 2,512,529 | 385,680 | 2,679,787 | 3 | 5,223,100 | 403,802 | 0.59 | 814.17 | 20.65 | 39.42 | 0.01 |
|  | 2 | 2,721 | 57,716 | 2,243,715 | 366,177 | 2,392,399 | 4 | 4,829,136 | 374,782 | 0.56 | 824.59 | 21.21 | 38.88 | 0.02 |
|  | 3 | 3,052 | 62,823 | 2,528,178 | 402,666 | 2,682,831 | 6 | 7,445,589 | 405,727 | 0.41 | 828.37 | 20.58 | 40.24 | 0.02 |
|  | 4 | 4,825 | 87,773 | 3,833,602 | 645,273 | 4,061,131 | 5 | 7,402,771 | 596,538 | 0.65 | 794.53 | 18.19 | 43.68 | 0.01 |
|  | 5 | 3,971 | 74,117 | 3,118,992 | 471,536 | 3,315,691 | 6 | 7,488,839 | 619,022 | 0.53 | 785.44 | 18.66 | 42.08 | 0.02 |
|  | 6 | 3,654 | 69,013 | 2,874,179 | 437,438 | 3,046,102 | 3 | 7,537,315 | 601,390 | 0.48 | 786.58 | 18.89 | 41.65 | 0.01 |
|  | 7 | 3,640 | 67,166 | 2,791,703 | 485,261 | 2,965,371 | 6 | 7,573,156 | 622,456 | 0.48 | 766.95 | 18.45 | 41.56 | 0.02 |
|  | 8 | 3,463 | 62,666 | 2,602,539 | 436,926 | 2,774,843 | 3 | 7,550,618 | 625,584 | 0.46 | 751.53 | 18.10 | 41.53 | 0.01 |
|  | 9 | 3,482 | 64,704 | 2,659,767 | 435,002 | 2,829,531 | 6 | 7,621,278 | 606,815 | 0.46 | 763.86 | 18.58 | 41.11 | 0.02 |
|  | 10 | 3,640 | 65,678 | 2,687,700 | 437,265 | 2,861,014 | 5 | 7,628,124 | 630,855 | 0.48 | 738.38 | 18.04 | 40.92 | 0.02 |
|  | 11 | 3,243 | 57,464 | 2,400,813 | 383,916 | 2,551,950 | 2 | 7,623,744 | 611,769 | 0.43 | 740.31 | 17.72 | 41.78 | 0.01 |
|  | 12 | 3,346 | 59,294 | 2,434,068 | 402,958 | 2,587,492 | 4 | 7,655,280 | 635,107 | 0.44 | 727.46 | 17.72 | 41.05 | 0.02 |
| 2009 | 1 | 4,755 | 92,968 | 3,758,801 | 570,202 | 3,980,013 | 10 | 7,665,400 | 579,888 | 0.62 | 790.49 | 19.55 | 40.43 | 0.03 |
|  | 2 | 4,322 | 81,645 | 3,313,991 | 503,898 | 3,513,776 | 6 | 6,900,321 | 520,505 | 0.63 | 766.77 | 18.89 | 40.59 | 0.02 |
|  | 3 | 3,809 | 69,279 | 2,868,420 | 429,353 | 3,043,899 | 7 | 6,877,177 | 574,633 | 0.55 | 753.06 | 18.19 | 41.40 | 0.02 |
|  | 4 | 3,675 | 63,126 | 2,730,740 | 422,432 | 2,896,985 | 0 | 7,369,111 | 594,187 | 0.50 | 743.06 | 17.18 | 43.26 | 0.00 |
|  | 5 | 3,298 | 58,349 | 2,443,247 | 370,287 | 2,593,353 | 3 | 7,430,413 | 612,891 | 0.44 | 740.83 | 17.69 | 41.87 | 0.01 |
|  | 6 | 3,294 | 56,525 | 2,436,664 | 366,529 | 2,585,004 | 2 | 7,442,371 | 594,359 | 0.44 | 739.73 | 17.16 | 43.11 | 0.01 |
|  | 7 | 3,067 | 54,467 | 2,280,068 | 354,949 | 2,416,624 | 4 | 7,443,161 | 612,975 | 0.41 | 743.42 | 17.76 | 41.86 | 0.02 |
|  | 8 | 2,970 | 52,938 | 2,147,366 | 315,438 | 2,281,758 | 4 | 7,395,131 | 612,545 | 0.40 | 723.02 | 17.82 | 40.56 | 0.02 |
|  | 9 | 2,884 | 49,873 | 2,070,302 | 333,200 | 2,200,982 | 3 | 7,431,751 | 592,617 | 0.39 | 717.86 | 17.29 | 41.51 | 0.01 |
|  | 10 | 2,815 | 47,919 | 2,025,186 | 324,116 | 2,151,083 | 2 | 7,423,461 | 613,990 | 0.38 | 719.43 | 17.02 | 42.26 | 0.01 |
|  | 11 | 2,492 | 42,929 | 1,739,740 | 271,205 | 1,850,720 | 6 | 7,398,182 | 594,533 | 0.34 | 698.13 | 17.23 | 40.53 | 0.03 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 2,597 | 44,365 | 1,836,167 | 277,846 | 1,944,469 | 4 | 7,422,537 | 615,989 | 0.35 | 707.03 | 17.08 | 41.39 | 0.02 |
| 2010 | 1 | 2,626 | 46,021 | 1,923,603 | 291,520 | 2,038,251 | 1 | 7,418,954 | 560,968 | 0.35 | 732.52 | 17.53 | 41.80 | 0.00 |
|  | 2 | 2,302 | 40,970 | 1,688,106 | 249,721 | 1,787,462 | 3 | 6,662,972 | 503,407 | 0.35 | 733.32 | 17.80 | 41.20 | 0.02 |
|  | 3 | 2,324 | 40,691 | 1,686,807 | 254,866 | 1,790,739 | 2 | 6,644,071 | 556,368 | 0.35 | 725.82 | 17.51 | 41.45 | 0.01 |
|  | 4 | 2,522 | 40,967 | 1,799,712 | 267,799 | 1,908,668 | 5 | 7,225,204 | 584,753 | 0.35 | 713.61 | 16.24 | 43.93 | 0.03 |
|  | 5 | 2,467 | 40,817 | 1,763,623 | 260,452 | 1,869,162 | 2 | 7,305,943 | 605,521 | 0.34 | 714.89 | 16.55 | 43.21 | 0.01 |
|  | 6 | 2,423 | 39,702 | 1,722,131 | 260,491 | 1,827,277 | 0 | 7,344,170 | 587,341 | 0.33 | 710.74 | 16.39 | 43.38 | 0.00 |
|  | 7 | 2,236 | 36,683 | 1,578,623 | 236,443 | 1,671,030 | 3 | 7,345,145 | 604,840 | 0.30 | 706.00 | 16.41 | 43.03 | 0.02 |
|  | 8 | 2,318 | 37,684 | 1,628,866 | 244,339 | 1,720,687 | 1 | 7,286,672 | 604,747 | 0.32 | 702.70 | 16.26 | 43.22 | 0.01 |
|  | 9 | 2,087 | 33,625 | 1,422,211 | 216,242 | 1,509,843 | 0 | 7,322,190 | 585,357 | 0.29 | 681.46 | 16.11 | 42.30 | 0.00 |
|  | 10 | 2,060 | 33,536 | 1,433,649 | 217,214 | 1,519,027 | 0 | 7,316,002 | 607,070 | 0.28 | 695.95 | 16.28 | 42.75 | 0.00 |
|  | 11 | 1,998 | 32,686 | 1,362,156 | 200,318 | 1,445,381 | 1 | 7,311,539 | 588,048 | 0.27 | 681.76 | 16.36 | 41.67 | 0.01 |
|  | 12 | 1,835 | 29,925 | 1,241,651 | 183,587 | 1,315,936 | 3 | 7,335,903 | 609,686 | 0.25 | 676.65 | 16.31 | 41.49 | 0.02 |
| 2011 | 1 | 2,144 | 35,090 | 1,503,334 | 224,121 | 1,587,882 | 3 | 7,337,241 | 559,164 | 0.29 | 701.18 | 16.37 | 42.84 | 0.02 |
|  | 2 | 1,891 | 31,672 | 1,309,391 | 196,009 | 1,388,734 | 1 | 6,643,885 | 502,749 | 0.28 | 692.43 | 16.75 | 41.34 | 0.01 |
|  | 3 | 2,059 | 33,476 | 1,426,042 | 208,386 | 1,506,093 | 4 | 6,641,746 | 555,829 | 0.31 | 692.59 | 16.26 | 42.60 | 0.03 |
|  | 4 | 2,262 | 34,330 | 1,521,601 | 225,832 | 1,608,699 | 4 | 7,164,483 | 580,302 | 0.32 | 672.68 | 15.18 | 44.32 | 0.02 |
|  | 5 | 2,106 | 32,050 | 1,389,338 | 214,394 | 1,470,288 | 1 | 7,220,156 | 599,745 | 0.29 | 659.70 | 15.22 | 43.35 | 0.01 |
|  | 6 | 1,979 | 29,108 | 1,282,375 | 192,663 | 1,357,228 | 1 | 7,226,656 | 580,390 | 0.27 | 647.99 | 14.71 | 44.06 | 0.01 |
|  | 7 | 1,803 | 26,978 | 1,174,627 | 173,179 | 1,243,360 | 3 | 7,228,795 | 595,328 | 0.25 | 651.48 | 14.96 | 43.54 | 0.02 |
|  | 8 | 1,962 | 28,723 | 1,251,912 | 183,936 | 1,324,142 | 0 | 7,174,308 | 595,778 | 0.27 | 638.08 | 14.64 | 43.59 | 0.00 |
|  | 9 | 1,753 | 26,276 | 1,100,234 | 160,826 | 1,168,351 | 1 | 7,231,510 | 577,242 | 0.24 | 627.63 | 14.99 | 41.87 | 0.01 |
|  | 10 | 1,701 | 24,406 | 1,061,447 | 158,425 | 1,124,119 | 2 | 7,233,030 | 600,290 | 0.24 | 624.01 | 14.35 | 43.49 | 0.02 |
|  | 11 | 1,683 | 24,060 | 1,021,216 | 150,082 | 1,083,051 | 2 | 7,238,087 | 581,790 | 0.23 | 606.78 | 14.30 | 42.44 | 0.02 |
|  | 12 | 1,641 | 23,123 | 968,460 | 144,654 | 1,029,399 | 2 | 7,269,157 | 603,457 | 0.23 | 590.16 | 14.09 | 41.88 | 0.02 |
| 2012 | 1 | 1,893 | 26,868 | 1,145,933 | 167,470 | 1,215,417 | 0 | 7,278,295 | 567,790 | 0.26 | 605.35 | 14.19 | 42.65 | 0.00 |
|  | 2 | 1,672 | 23,716 | 1,007,895 | 149,265 | 1,066,640 | 0 | 6,796,062 | 527,493 | 0.25 | 602.81 | 14.18 | 42.50 | 0.00 |
|  | 3 | 1,639 | 22,280 | 954,609 | 139,316 | 1,012,076 | 1 | 7,312,923 | 564,528 | 0.22 | 582.43 | 13.59 | 42.85 | 0.01 |
|  | 4 | 1,801 | 23,144 | 1,025,415 | 153,027 | 1,084,714 | 1 | 7,250,199 | 587,155 | 0.25 | 569.36 | 12.85 | 44.31 | 0.01 |
|  | 5 | 1,692 | 21,076 | 931,655 | 139,397 | 984,164 | 2 | 7,309,547 | 607,205 | 0.23 | 550.62 | 12.46 | 44.20 | 0.02 |
|  | 6 | 1,614 | 19,689 | 872,112 | 130,555 | 922,836 | 1 | 7,317,748 | 587,883 | 0.22 | 540.34 | 12.20 | 44.29 | 0.01 |
|  | 7 | 1,405 | 16,437 | 722,024 | 109,413 | 767,198 | 0 | 7,320,935 | 605,542 | 0.19 | 513.90 | 11.70 | 43.93 | 0.00 |
|  | 8 | 1,654 | 18,680 | 821,262 | 124,127 | 872,308 | 2 | 7,297,806 | 606,180 | 0.23 | 496.53 | 11.29 | 43.96 | 0.02 |
|  | 9 | 1,433 | 15,927 | 687,185 | 101,488 | 731,339 | 0 | 7,367,951 | 587,034 | 0.19 | 479.54 | 11.11 | 43.15 | 0.00 |
|  | 10 | 1,710 | 17,874 | 784,215 | 117,187 | 832,069 | 0 | 7,363,709 | 611,456 | 0.23 | 458.61 | 10.45 | 43.87 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Ris | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 1,567 | 16,147 | 687,526 | 100,839 | 729,648 | 1 | 7,368,228 | 592,135 | 0.21 | 438.75 | 10.30 | 42.58 | 0.01 |
|  | 12 | 1,521 | 14,662 | 633,914 | 94,094 | 672,410 | 1 | 7,383,762 | 611,903 | 0.21 | 416.77 | 9.64 | 43.24 | 0.01 |
| 2013 | 1 | 1,591 | 14,528 | 635,287 | 94,342 | 672,894 | 1 | 7,351,426 | 525,593 | 0.22 | 399.30 | 9.13 | 43.73 | 0.01 |
|  | 2 | 674 | 7,186 | 281,689 | 41,286 | 300,728 | 0 | 6,224,504 | 346,768 | 0.11 | 417.94 | 10.66 | 39.20 | 0.00 |
|  | 3 | 657 | 6,986 | 262,073 | 39,031 | 279,565 | 0 | 4,524,242 | 377,558 | 0.15 | 398.89 | 10.63 | 37.51 | 0.00 |
|  | 4 | 707 | 6,843 | 267,264 | 40,063 | 284,879 | 0 | 4,792,657 | 386,323 | 0.15 | 378.03 | 9.68 | 39.06 | 0.00 |
|  | 5 | 298 | 2,808 | 113,688 | 16,480 | 121,186 | 0 | 4,754,719 | 167,650 | 0.06 | 381.50 | 9.42 | 40.49 | 0.00 |
|  | 6 | 257 | 2,326 | 91,075 | 13,742 | 97,537 | 0 | 1,941,702 | 154,618 | 0.13 | 354.38 | 9.05 | 39.16 | 0.00 |
|  | 7 | 16 | 121 | 5,586 | 945 | 5,840 | 0 | 1,909,489 | 5,228 | 0.01 | 349.13 | 7.56 | 46.17 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 46 | 1,367 | 58,532 | 26,306 | 61,162 | 0 | 152,376 | 11,887 | 0.30 | 1,272.43 | 29.72 | 42.82 | 0.00 |
|  | 2 | 34 | 982 | 41,129 | 5,864 | 43,295 | 0 | 141,629 | 10,747 | 0.24 | 1,209.68 | 28.88 | 41.88 | 0.00 |
|  | 3 | 36 | 1,220 | 42,988 | 6,420 | 45,855 | 0 | 142,795 | 11,945 | 0.25 | 1,194.11 | 33.89 | 35.24 | 0.00 |
|  | 4 | 1,148 | 34,117 | 1,413,187 | 284,365 | 1,491,670 | 1 | 3,008,174 | 244,042 | 0.38 | 1,231.00 | 29.72 | 41.42 | 0.01 |
|  | 5 | 924 | 28,259 | 1,146,205 | 186,264 | 1,204,023 | 1 | 3,064,851 | 253,901 | 0.30 | 1,240.48 | 30.58 | 40.56 | 0.01 |
|  | 6 | 912 | 27,975 | 1,108,220 | 237,570 | 1,170,098 | 1 | 3,083,951 | 246,890 | 0.30 | 1,215.15 | 30.67 | 39.61 | 0.01 |
|  | 7 | 815 | 24,823 | 993,224 | 159,391 | 1,049,418 | 2 | 3,105,244 | 256,136 | 0.26 | 1,218.68 | 30.46 | 40.01 | 0.02 |
|  | 8 | 929 | 27,678 | 1,091,871 | 181,505 | 1,159,856 | 0 | 3,122,656 | 258,245 | 0.30 | 1,175.32 | 29.79 | 39.45 | 0.00 |
|  | 9 | 836 | 25,551 | 976,399 | 183,957 | 1,034,583 | 0 | 3,151,634 | 252,446 | 0.27 | 1,167.94 | 30.56 | 38.21 | 0.00 |
|  | 10 | 868 | 25,848 | 1,029,689 | 178,417 | 1,094,418 | 0 | 3,158,418 | 262,873 | 0.27 | 1,186.28 | 29.78 | 39.84 | 0.00 |
|  | 11 | 811 | 23,865 | 935,387 | 179,012 | 991,783 | 1 | 3,165,127 | 254,991 | 0.26 | 1,153.37 | 29.43 | 39.19 | 0.01 |
|  | 12 | 691 | 21,008 | 811,337 | 131,304 | 857,678 | 0 | 3,178,253 | 264,491 | 0.22 | 1,174.15 | 30.40 | 38.62 | 0.00 |
| 2007 | 1 | 918 | 28,656 | 1,096,332 | 215,506 | 1,164,763 | 1 | 3,184,628 | 248,566 | 0.29 | 1,194.26 | 31.22 | 38.26 | 0.01 |
|  | 2 | 760 | 23,196 | 909,916 | 152,354 | 962,295 | 2 | 2,954,112 | 223,179 | 0.26 | 1,197.26 | 30.52 | 39.23 | 0.02 |
|  | 3 | 752 | 22,491 | 887,317 | 146,869 | 939,991 | 0 | 2,945,487 | 246,315 | 0.26 | 1,179.94 | 29.91 | 39.45 | 0.00 |
|  | 4 | 762 | 22,975 | 896,976 | 159,892 | 951,305 | 0 | 3,090,942 | 249,873 | 0.25 | 1,177.13 | 30.15 | 39.04 | 0.00 |
|  | 5 | 762 | 22,409 | 888,070 | 162,787 | 937,503 | 0 | 3,115,196 | 258,810 | 0.24 | 1,165.45 | 29.41 | 39.63 | 0.00 |
|  | 6 | 680 | 19,674 | 794,701 | 117,662 | 838,080 | 2 | 3,125,806 | 250,803 | 0.22 | 1,168.68 | 28.93 | 40.39 | 0.02 |
|  | 7 | 679 | 18,993 | 782,672 | 141,879 | 827,575 | 2 | 3,132,050 | 259,065 | 0.22 | 1,152.68 | 27.97 | 41.21 | 0.02 |
|  | 8 | 740 | 21,489 | 857,923 | 134,317 | 909,971 | 0 | 4,074,568 | 264,764 | 0.18 | 1,159.36 | 29.04 | 39.92 | 0.00 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 28 | 1,010 | 43,227 | 24,125 | 44,780 | 0 | 124,964 | 10,135 | 0.22 | 1,543.82 | 36.07 | 42.80 | 0.00 |
|  | 2 | 17 | 662 | 27,450 | 3,914 | 28,706 | 0 | 120,771 | 9,177 | 0.14 | 1,614.71 | 38.94 | 41.47 | 0.00 |
|  | 3 | 22 | 952 | 31,846 | 4,832 | 33,651 | 0 | 121,685 | 10,194 | 0.18 | 1,447.55 | 43.27 | 33.45 | 0.00 |
|  | 4 | 600 | 22,674 | 949,450 | 206,635 | 992,827 | 0 | 2,438,562 | 197,180 | 0.25 | 1,582.42 | 37.79 | 41.87 | 0.00 |
|  | 5 | 489 | 19,178 | 783,726 | 120,598 | 816,663 | 1 | 2,473,198 | 205,152 | 0.20 | 1,602.71 | 39.22 | 40.87 | 0.01 |
|  | 6 | 483 | 18,812 | 753,159 | 171,813 | 787,989 | 1 | 2,488,451 | 199,415 | 0.19 | 1,559.34 | 38.95 | 40.04 | 0.01 |
|  | 7 | 441 | 17,110 | 683,210 | 104,189 | 716,328 | 2 | 2,504,643 | 206,491 | 0.18 | 1,549.23 | 38.80 | 39.93 | 0.03 |
|  | 8 | 481 | 18,083 | 723,580 | 124,835 | 763,827 | 0 | 2,515,275 | 208,032 | 0.19 | 1,504.32 | 37.59 | 40.01 | 0.00 |
|  | 9 | 405 | 16,058 | 626,384 | 97,541 | 656,853 | 0 | 2,536,534 | 203,257 | 0.16 | 1,546.63 | 39.65 | 39.01 | 0.00 |
|  | 10 | 460 | 17,287 | 701,735 | 122,435 | 739,884 | 0 | 2,539,243 | 211,449 | 0.18 | 1,525.51 | 37.58 | 40.59 | 0.00 |
|  | 11 | 428 | 15,707 | 627,303 | 117,516 | 659,077 | 1 | 2,542,315 | 204,905 | 0.17 | 1,465.66 | 36.70 | 39.94 | 0.02 |
|  | 12 | 364 | 13,843 | 548,133 | 88,903 | 575,037 | 0 | 2,551,783 | 212,663 | 0.14 | 1,505.86 | 38.03 | 39.60 | 0.00 |
| 2007 | 1 | 501 | 19,545 | 752,505 | 146,594 | 793,635 | 1 | 2,557,857 | 201,945 | 0.20 | 1,502.01 | 39.01 | 38.50 | 0.01 |
|  | 2 | 413 | 15,726 | 620,287 | 91,124 | 652,134 | 2 | 2,404,073 | 182,076 | 0.17 | 1,501.91 | 38.08 | 39.44 | 0.03 |
|  | 3 | 408 | 14,984 | 603,424 | 98,876 | 634,164 | 0 | 2,403,396 | 201,462 | 0.17 | 1,478.98 | 36.73 | 40.27 | 0.00 |
|  | 4 | 393 | 14,876 | 584,746 | 113,935 | 615,398 | 0 | 2,512,692 | 203,568 | 0.16 | 1,487.90 | 37.85 | 39.31 | 0.00 |
|  | 5 | 374 | 13,829 | 560,982 | 105,884 | 586,353 | 0 | 2,535,604 | 211,270 | 0.15 | 1,499.95 | 36.98 | 40.57 | 0.00 |
|  | 6 | 346 | 12,685 | 513,077 | 74,587 | 537,907 | 2 | 2,549,839 | 204,739 | 0.14 | 1,482.88 | 36.66 | 40.45 | 0.04 |
|  | 7 | 326 | 11,355 | 490,127 | 99,745 | 511,955 | 1 | 2,554,134 | 211,550 | 0.13 | 1,503.46 | 34.83 | 43.16 | 0.02 |
|  | 8 | 385 | 13,907 | 566,624 | 83,339 | 595,809 | 0 | 3,315,252 | 216,256 | 0.12 | 1,471.75 | 36.12 | 40.74 | 0.00 |
|  | 9 | 517 | 18,833 | 775,413 | 117,144 | 812,358 | 0 | 3,340,768 | 268,294 | 0.15 | 1,499.83 | 36.43 | 41.17 | 0.00 |
|  | 10 | 539 | 20,387 | 795,300 | 118,653 | 835,005 | 0 | 3,341,027 | 278,129 | 0.16 | 1,475.51 | 37.82 | 39.01 | 0.00 |
|  | 11 | 536 | 19,734 | 788,827 | 131,660 | 826,022 | 1 | 3,342,436 | 269,504 | 0.16 | 1,471.69 | 36.82 | 39.97 | 0.01 |
|  | 12 | 569 | 21,836 | 849,252 | 124,105 | 889,090 | 1 | 3,353,757 | 279,704 | 0.17 | 1,492.53 | 38.38 | 38.89 | 0.01 |
| 2008 | 1 | 775 | 28,014 | 1,155,878 | 169,589 | 1,208,800 | 3 | 3,361,048 | 264,170 | 0.23 | 1,491.46 | 36.15 | 41.26 | 0.02 |
|  | 2 | 701 | 26,613 | 1,062,479 | 154,545 | 1,112,660 | 2 | 3,160,627 | 246,535 | 0.22 | 1,515.66 | 37.96 | 39.92 | 0.02 |
|  | 3 | 790 | 28,668 | 1,175,746 | 173,200 | 1,226,513 | 1 | 4,470,893 | 267,040 | 0.18 | 1,488.29 | 36.29 | 41.01 | 0.01 |
|  | 4 | 1,063 | 35,920 | 1,583,525 | 253,327 | 1,651,238 | 0 | 4,437,879 | 363,597 | 0.24 | 1,489.68 | 33.79 | 44.08 | 0.00 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Month 4 | $249$ | $6,390$ | $268,782$ | $38,238$ | $281,219$ | $0$ | $3,135,820$ | $253,180$ | $0.08$ | 1,079.45 | $25.66$ | $42.06$ | $0.00$ |
|  | 5 | 78 | 2,182 | 85,004 | 12,925 | 88,821 | 0 | 3,104,279 | 97,942 | 0.03 | 1,089.79 | 27.97 | 38.96 | 0.00 |
|  | 6 | 84 | 2,041 | 88,777 | 13,542 | 93,221 | 0 | 1,112,089 | 89,192 | 0.08 | 1,056.87 | 24.30 | 43.50 | 0.00 |
|  | 7 | 3 | 66 | 3,272 | 443 | 3,288 | 0 | 1,096,216 | 3,001 | 0.00 | 1,090.67 | 22.00 | 49.58 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 16 | 676 | 28,746 | 22,058 | 29,632 | 0 | 109,165 | 8,830 | 0.15 | 1,796.63 | 42.25 | 42.52 | 0.00 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2009 | 1 | 571 | 23,921 | 978,825 | 144,249 | 1,013,904 | 1 | 3,745,267 | 297,691 | 0.15 | 1,714.23 | 41.89 | 40.92 | 0.01 |
|  | 2 | 474 | 19,078 | 803,821 | 118,713 | 832,928 | 4 | 3,538,554 | 267,776 | 0.13 | 1,695.82 | 40.25 | 42.13 | 0.05 |
|  | 3 | 419 | 16,857 | 700,197 | 103,490 | 728,379 | 0 | 3,528,931 | 296,159 | 0.12 | 1,671.11 | 40.23 | 41.54 | 0.00 |
|  | 4 | 383 | 14,140 | 636,010 | 94,927 | 661,492 | 0 | 3,735,890 | 303,349 | 0.10 | 1,660.60 | 36.92 | 44.98 | 0.00 |
|  | 5 | 362 | 13,944 | 593,301 | 87,284 | 616,118 | 1 | 3,776,994 | 314,402 | 0.10 | 1,638.95 | 38.52 | 42.55 | 0.02 |
|  | 6 | 339 | 11,851 | 550,635 | 79,697 | 568,746 | 2 | 3,801,192 | 305,361 | 0.09 | 1,624.29 | 34.96 | 46.46 | 0.04 |
|  | 7 | 354 | 13,348 | 567,321 | 89,024 | 589,568 | 2 | 3,805,701 | 316,133 | 0.09 | 1,602.60 | 37.71 | 42.50 | 0.03 |
|  | 8 | 326 | 12,514 | 512,479 | 74,380 | 533,364 | 0 | 3,794,765 | 316,694 | 0.09 | 1,572.02 | 38.39 | 40.95 | 0.00 |
|  | 9 | 299 | 11,007 | 466,678 | 69,818 | 484,226 | 0 | 3,823,839 | 306,801 | 0.08 | 1,560.80 | 36.81 | 42.40 | 0.00 |
|  | 10 | 320 | 11,255 | 491,331 | 75,233 | 509,738 | 0 | 3,825,170 | 318,917 | 0.08 | 1,535.41 | 35.17 | 43.65 | 0.00 |
|  | 11 | 265 | 9,333 | 400,937 | 58,402 | 415,725 | 0 | 3,825,564 | 309,037 | 0.07 | 1,512.97 | 35.22 | 42.96 | 0.00 |
|  | 12 | 310 | 11,087 | 460,331 | 65,637 | 477,641 | 1 | 3,840,268 | 319,400 | 0.08 | 1,484.94 | 35.76 | 41.52 | 0.02 |
| 2010 | 1 | 276 | 9,424 | 406,468 | 59,852 | 420,764 | 0 | 3,826,546 | 279,009 | 0.07 | 1,472.71 | 34.14 | 43.13 | 0.00 |
|  | 2 | 123 | 4,596 | 183,389 | 26,044 | 190,070 | 0 | 3,298,029 | 190,427 | 0.04 | 1,490.97 | 37.37 | 39.90 | 0.00 |
|  | 3 | 130 | 4,524 | 190,436 | 28,233 | 196,668 | 1 | 2,478,869 | 207,322 | 0.05 | 1,464.89 | 34.80 | 42.09 | 0.05 |
|  | 4 | 111 | 3,840 | 160,026 | 22,754 | 165,783 | 0 | 2,615,819 | 211,277 | 0.04 | 1,441.68 | 34.59 | 41.67 | 0.00 |
|  | 5 | 30 | 949 | 42,952 | 8,676 | 44,971 | 0 | 2,592,341 | 80,394 | 0.01 | 1,431.73 | 31.63 | 45.26 | 0.00 |
|  | 6 | 33 | 1,080 | 46,703 | 7,831 | 48,699 | 0 | 913,623 | 73,308 | 0.04 | 1,415.24 | 32.73 | 43.24 | 0.00 |
|  | 7 | 1 | 51 | 1,418 | 203 | 1,461 | 0 | 902,064 | 2,470 | 0.00 | 1,418.00 | 51.00 | 27.80 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 351 | 14,494 | 20,022 | 15,083 | 0 | 96,225 | 7,678 | 0.07 | 2,070.57 | 50.14 | 41.29 | 0.00 |
|  | 2 | 5 | 278 | 11,662 | 1,663 | 11,847 | 0 | 91,270 | 6,937 | 0.05 | 2,332.40 | 55.60 | 41.95 | 0.00 |
|  | 3 | 3 | 217 | 7,799 | 1,112 | 8,270 | 0 | 91,730 | 7,722 | 0.03 | 2,599.67 | 72.33 | 35.94 | 0.00 |
|  | 4 | 172 | 8,560 | 365,238 | 97,606 | 379,397 | 0 | 1,686,681 | 136,975 | 0.10 | 2,123.48 | 49.77 | 42.67 | 0.00 |
|  | 5 | 146 | 7,450 | 318,074 | 47,735 | 327,564 | 1 | 1,716,133 | 142,905 | 0.09 | 2,178.59 | 51.03 | 42.69 | 0.03 |
|  | 6 | 135 | 7,128 | 291,238 | 49,489 | 302,228 | 0 | 1,731,036 | 139,107 | 0.08 | 2,157.32 | 52.80 | 40.86 | 0.00 |
|  | 7 | 110 | 5,962 | 236,945 | 33,697 | 244,690 | 1 | 1,745,475 | 143,570 | 0.06 | 2,154.05 | 54.20 | 39.74 | 0.04 |
|  | 8 | 115 | 5,977 | 248,102 | 35,349 | 258,853 | 0 | 1,747,486 | 144,751 | 0.07 | 2,157.41 | 51.97 | 41.51 | 0.00 |
|  | 9 | 103 | 5,427 | 223,767 | 33,946 | 232,932 | 0 | 1,763,188 | 141,519 | 0.06 | 2,172.50 | 52.69 | 41.23 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Da | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 124 | 5,906 | 259,794 | 37,005 | 270,590 | 0 | 1,764,857 | 147,257 | 0.07 | 2,095.11 | 47.63 | 43.99 | 0.00 |
|  | 11 | 89 | 4,475 | 183,117 | 33,233 | 189,580 | 0 | 1,766,399 | 142,751 | 0.05 | 2,057.49 | 50.28 | 40.92 | 0.00 |
|  | 12 | 85 | 4,331 | 185,223 | 32,398 | 191,545 | 0 | 1,773,100 | 147,875 | 0.05 | 2,179.09 | 50.95 | 42.77 | 0.00 |
| 2007 | 1 | 120 | 6,403 | 254,921 | 43,688 | 264,055 | 1 | 1,774,531 | 138,278 | 0.07 | 2,124.34 | 53.36 | 39.81 | 0.04 |
|  | 2 | 94 | 5,029 | 199,054 | 28,385 | 207,340 | 1 | 1,643,292 | 124,509 | 0.06 | 2,117.60 | 53.50 | 39.58 | 0.05 |
|  | 3 | 86 | 4,449 | 182,682 | 31,743 | 189,566 | 0 | 1,642,047 | 137,744 | 0.05 | 2,124.21 | 51.73 | 41.06 | 0.00 |
|  | 4 | 83 | 4,757 | 177,591 | 29,271 | 185,600 | 0 | 1,701,306 | 138,057 | 0.05 | 2,139.65 | 57.31 | 37.33 | 0.00 |
|  | 5 | 83 | 4,185 | 171,940 | 29,148 | 178,339 | 0 | 1,712,882 | 142,853 | 0.05 | 2,071.57 | 50.42 | 41.08 | 0.00 |
|  | 6 | 76 | 3,826 | 157,302 | 22,413 | 163,410 | 0 | 1,719,804 | 138,384 | 0.04 | 2,069.76 | 50.34 | 41.11 | 0.00 |
|  | 7 | 66 | 3,038 | 141,353 | 20,152 | 145,569 | 0 | 1,721,223 | 141,824 | 0.04 | 2,141.71 | 46.03 | 46.53 | 0.00 |
|  | 8 | 87 | 4,129 | 175,905 | 25,188 | 182,696 | 0 | 2,262,993 | 145,077 | 0.04 | 2,021.90 | 47.46 | 42.60 | 0.00 |
|  | 9 | 131 | 6,418 | 273,686 | 40,586 | 284,253 | 0 | 2,279,431 | 183,397 | 0.06 | 2,089.21 | 48.99 | 42.64 | 0.00 |
|  | 10 | 119 | 6,469 | 249,051 | 35,406 | 258,223 | 0 | 2,278,622 | 190,392 | 0.05 | 2,092.87 | 54.36 | 38.50 | 0.00 |
|  | 11 | 123 | 6,319 | 256,042 | 37,466 | 264,875 | 0 | 2,285,480 | 184,451 | 0.05 | 2,081.64 | 51.37 | 40.52 | 0.00 |
|  | 12 | 134 | 7,175 | 276,582 | 40,853 | 287,085 | 0 | 2,290,495 | 191,493 | 0.06 | 2,064.04 | 53.54 | 38.55 | 0.00 |
| 2008 | 1 | 177 | 8,435 | 362,355 | 51,521 | 376,325 | 0 | 2,296,070 | 184,191 | 0.08 | 2,047.20 | 47.66 | 42.96 | 0.00 |
|  | 2 | 198 | 10,287 | 402,231 | 58,988 | 417,635 | 1 | 2,197,806 | 171,580 | 0.09 | 2,031.47 | 51.95 | 39.10 | 0.02 |
|  | 3 | 182 | 8,846 | 369,916 | 54,314 | 382,196 | 0 | 3,051,938 | 185,447 | 0.06 | 2,032.51 | 48.60 | 41.82 | 0.00 |
|  | 4 | 262 | 12,638 | 529,076 | 78,981 | 547,220 | 0 | 3,041,160 | 247,028 | 0.09 | 2,019.37 | 48.24 | 41.86 | 0.00 |
|  | 5 | 220 | 10,337 | 441,847 | 66,320 | 457,642 | 0 | 3,079,097 | 256,478 | 0.07 | 2,008.40 | 46.99 | 42.74 | 0.00 |
|  | 6 | 202 | 9,823 | 399,283 | 59,746 | 412,017 | 1 | 3,100,845 | 249,202 | 0.07 | 1,976.65 | 48.63 | 40.65 | 0.02 |
|  | 7 | 183 | 8,160 | 359,039 | 52,581 | 370,362 | 1 | 3,121,334 | 258,228 | 0.06 | 1,961.96 | 44.59 | 44.00 | 0.03 |
|  | 8 | 172 | 7,969 | 331,041 | 47,088 | 344,622 | 0 | 3,114,427 | 259,969 | 0.06 | 1,924.66 | 46.33 | 41.54 | 0.00 |
|  | 9 | 200 | 9,289 | 384,656 | 57,980 | 396,669 | 0 | 3,133,184 | 252,016 | 0.06 | 1,923.28 | 46.45 | 41.41 | 0.00 |
|  | 10 | 218 | 9,809 | 413,023 | 60,273 | 427,243 | 0 | 3,135,485 | 261,602 | 0.07 | 1,894.60 | 45.00 | 42.11 | 0.00 |
|  | 11 | 191 | 8,162 | 355,870 | 52,149 | 368,034 | 0 | 3,139,477 | 253,522 | 0.06 | 1,863.19 | 42.73 | 43.60 | 0.00 |
|  | 12 | 181 | 8,184 | 332,748 | 51,105 | 342,620 | 1 | 3,147,983 | 262,323 | 0.06 | 1,838.39 | 45.22 | 40.66 | 0.03 |
| 2009 | 1 | 321 | 14,192 | 583,793 | 88,035 | 602,216 | 1 | 3,142,546 | 229,679 | 0.10 | 1,818.67 | 44.21 | 41.14 | 0.02 |
|  | 2 | 109 | 4,752 | 201,143 | 30,121 | 205,294 | 2 | 2,719,077 | 159,558 | 0.04 | 1,845.35 | 43.60 | 42.33 | 0.10 |
|  | 3 | 97 | 4,112 | 176,421 | 25,078 | 182,427 | 0 | 2,079,041 | 173,945 | 0.05 | 1,818.77 | 42.39 | 42.90 | 0.00 |
|  | 4 | 92 | 3,782 | 164,294 | 24,850 | 170,888 | 0 | 2,166,753 | 175,042 | 0.04 | 1,785.80 | 41.11 | 43.44 | 0.00 |
|  | 5 | 20 | 799 | 36,106 | 5,131 | 37,303 | 0 | 2,149,010 | 64,883 | 0.01 | 1,805.30 | 39.95 | 45.19 | 0.00 |
|  | 6 | 19 | 705 | 33,787 | 4,821 | 34,963 | 0 | 736,585 | 59,153 | 0.03 | 1,778.26 | 37.11 | 47.92 | 0.00 |
|  | 7 | 2 | 123 | 3,522 | 500 | 3,652 | 0 | 728,143 | 1,994 | 0.00 | 1,761.00 | 61.50 | 28.63 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
| 2010 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | -- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | -- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | -- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 821 | 4,612 | 184,766 | 49,744 | 267,699 | 0 | 237,479 | 19,842 | 3.46 | 225.05 | 5.62 | 40.06 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 195,700 | 1 | 235,758 | 17,965 | 2.74 | 197.12 | 4.84 | 40.70 | 0.05 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 211,965 | 2 | 237,803 | 20,001 | 2.99 | 186.58 | 4.93 | 37.85 | 0.09 |
|  | 4 | 9,751 | 65,433 | 2,687,718 | 557,064 | 3,848,132 | 8 | 4,468,954 | 365,100 | 2.18 | 275.64 | 6.71 | 41.08 | 0.02 |
|  | 5 | 9,046 | 57,007 | 2,260,805 | 409,180 | 3,326,754 | 3 | 4,543,168 | 378,673 | 1.99 | 249.92 | 6.30 | 39.66 | 0.01 |
|  | 6 | 8,324 | 54,804 | 2,147,099 | 460,034 | 3,124,763 | 5 | 4,548,972 | 366,255 | 1.83 | 257.94 | 6.58 | 39.18 | 0.02 |
|  | 7 | 7,071 | 47,436 | 1,899,167 | 378,308 | 2,718,213 | 11 | 4,549,995 | 378,820 | 1.55 | 268.59 | 6.71 | 40.04 | 0.04 |
|  | 8 | 7,625 | 52,388 | 2,038,595 | 390,706 | 2,941,015 | 2 | 4,589,618 | 381,366 | 1.66 | 267.36 | 6.87 | 38.91 | 0.01 |
|  | 9 | 6,637 | 45,645 | 1,764,521 | 366,101 | 2,543,058 | 5 | 4,624,851 | 372,073 | 1.44 | 265.86 | 6.88 | 38.66 | 0.02 |
|  | 10 | 6,550 | 44,773 | 1,780,875 | 354,459 | 2,560,569 | 0 | 4,629,584 | 387,285 | 1.41 | 271.89 | 6.84 | 39.78 | 0.00 |
|  | 11 | 5,818 | 40,735 | 1,573,694 | 324,837 | 2,258,109 | 1 | 4,643,312 | 375,615 | 1.25 | 270.49 | 7.00 | 38.63 | 0.00 |
|  | 12 | 5,136 | 35,223 | 1,366,562 | 242,127 | 1,964,501 | 5 | 4,668,831 | 390,254 | 1.10 | 266.08 | 6.86 | 38.80 | 0.03 |
| 2007 | 1 | 5,728 | 45,259 | 1,723,970 | 367,510 | 2,440,226 | 1 | 4,446,039 | 371,702 | 1.29 | 300.97 | 7.90 | 38.09 | 0.00 |
|  | 2 | 4,912 | 38,564 | 1,480,437 | 285,347 | 2,109,819 | 2 | 4,394,358 | 335,389 | 1.12 | 301.39 | 7.85 | 38.39 | 0.01 |
|  | 3 | 4,709 | 36,582 | 1,403,556 | 281,609 | 1,990,768 | 0 | 4,399,727 | 371,534 | 1.07 | 298.06 | 7.77 | 38.37 | 0.00 |
|  | 4 | 4,749 | 35,752 | 1,375,897 | 278,534 | 1,971,176 | 2 | 4,647,894 | 380,002 | 1.02 | 289.72 | 7.53 | 38.48 | 0.01 |
|  | 5 | 4,544 | 34,469 | 1,330,031 | 256,014 | 1,884,262 | 3 | 4,713,962 | 394,214 | 0.96 | 292.70 | 7.59 | 38.59 | 0.02 |




| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 5,521 | 20,242 | 858,774 | 128,997 | 1,371,301 | 2 | 9,072,051 | 743,205 | 0.61 | 155.55 | 3.67 | 42.43 | 0.01 |
|  | 5 | 5,268 | 18,065 | 771,691 | 114,556 | 1,235,296 | 4 | 9,165,054 | 768,016 | 0.57 | 146.49 | 3.43 | 42.72 | 0.03 |
|  | 6 | 4,528 | 15,000 | 629,068 | 95,166 | 994,250 | 1 | 9,171,831 | 742,850 | 0.49 | 138.93 | 3.31 | 41.94 | 0.01 |
|  | 7 | 4,835 | 15,315 | 623,282 | 94,223 | 983,192 | 1 | 9,137,101 | 765,563 | 0.53 | 128.91 | 3.17 | 40.70 | 0.01 |
|  | 8 | 4,916 | 14,413 | 581,244 | 87,840 | 891,340 | 1 | 9,142,571 | 766,081 | 0.54 | 118.24 | 2.93 | 40.33 | 0.01 |
|  | 9 | 4,561 | 12,345 | 485,140 | 74,619 | 733,222 | 1 | 9,297,568 | 741,806 | 0.49 | 106.37 | 2.71 | 39.30 | 0.01 |
|  | 10 | 5,342 | 13,531 | 511,127 | 82,017 | 737,458 | 0 | 9,289,328 | 778,621 | 0.58 | 95.68 | 2.53 | 37.77 | 0.00 |
|  | 11 | 4,523 | 9,699 | 366,877 | 60,697 | 510,691 | 0 | 9,302,649 | 753,873 | 0.49 | 81.11 | 2.14 | 37.83 | 0.00 |
|  | 12 | 4,206 | 7,984 | 268,657 | 40,729 | 367,114 | 0 | 9,309,324 | 778,655 | 0.45 | 63.87 | 1.90 | 33.65 | 0.00 |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 53 | 1,498 | 62,674 | 26,894 | 71,207 | 0 | 152,376 | 11,886 | 0.35 | 1,182.53 | 28.26 | 41.84 | 0.00 |
|  | 2 | 41 | 1,065 | 45,587 | 6,500 | 51,882 | 0 | 141,622 | 10,746 | 0.29 | 1,111.88 | 25.98 | 42.80 | 0.00 |
|  | 3 | 48 | 1,451 | 50,188 | 7,448 | 59,612 | 1 | 142,781 | 11,943 | 0.34 | 1,045.58 | 30.23 | 34.59 | 0.17 |
|  | 4 | 1,348 | 36,933 | 1,536,001 | 321,273 | 1,760,978 | 2 | 3,008,148 | 244,032 | 0.45 | 1,139.47 | 27.40 | 41.59 | 0.01 |
|  | 5 | 1,059 | 30,355 | 1,227,302 | 212,779 | 1,400,524 | 1 | 3,064,625 | 253,876 | 0.35 | 1,158.93 | 28.66 | 40.43 | 0.01 |
|  | 6 | 1,054 | 30,335 | 1,194,718 | 257,524 | 1,372,778 | 2 | 3,083,591 | 246,855 | 0.34 | 1,133.51 | 28.78 | 39.38 | 0.01 |
|  | 7 | 957 | 26,905 | 1,080,366 | 185,980 | 1,239,941 | 5 | 3,104,744 | 256,089 | 0.31 | 1,128.91 | 28.11 | 40.15 | 0.04 |
|  | 8 | 1,088 | 30,183 | 1,188,690 | 202,243 | 1,375,950 | 0 | 3,122,019 | 258,185 | 0.35 | 1,092.55 | 27.74 | 39.38 | 0.00 |
|  | 9 | 1,018 | 28,180 | 1,085,256 | 211,841 | 1,260,451 | 0 | 3,150,844 | 252,375 | 0.32 | 1,066.07 | 27.68 | 38.51 | 0.00 |
|  | 10 | 1,030 | 28,240 | 1,126,793 | 199,449 | 1,305,651 | 0 | 3,157,453 | 262,785 | 0.33 | 1,093.97 | 27.42 | 39.90 | 0.00 |
|  | 11 | 959 | 26,070 | 1,024,262 | 195,998 | 1,187,863 | 1 | 3,164,006 | 254,894 | 0.30 | 1,068.05 | 27.18 | 39.29 | 0.01 |
|  | 12 | 833 | 23,153 | 896,758 | 143,654 | 1,031,992 | 3 | 3,176,996 | 264,379 | 0.26 | 1,076.54 | 27.79 | 38.73 | 0.03 |
| 2007 | 1 | 1,072 | 31,151 | 1,189,104 | 238,148 | 1,382,942 | 1 | 3,183,239 | 248,450 | 0.34 | 1,109.24 | 29.06 | 38.17 | 0.01 |
|  | 2 | 921 | 25,873 | 1,008,475 | 169,642 | 1,173,369 | 2 | 2,952,667 | 223,063 | 0.31 | 1,094.98 | 28.09 | 38.98 | 0.02 |
|  | 3 | 923 | 25,043 | 992,321 | 162,328 | 1,153,671 | 0 | 2,943,900 | 246,175 | 0.31 | 1,075.10 | 27.13 | 39.62 | 0.00 |
|  | 4 | 920 | 25,197 | 993,441 | 178,458 | 1,150,983 | 1 | 3,089,204 | 249,727 | 0.30 | 1,079.83 | 27.39 | 39.43 | 0.01 |
|  | 5 | 896 | 24,419 | 968,103 | 175,072 | 1,119,237 | 0 | 3,113,341 | 258,648 | 0.29 | 1,080.47 | 27.25 | 39.65 | 0.00 |
|  | 6 | 817 | 21,785 | 876,517 | 136,954 | 1,017,240 | 2 | 3,123,828 | 250,637 | 0.26 | 1,072.85 | 26.66 | 40.23 | 0.02 |
|  | 7 | 831 | 21,184 | 874,346 | 168,404 | 1,018,665 | 2 | 3,129,952 | 258,882 | 0.27 | 1,052.16 | 25.49 | 41.27 | 0.02 |
|  | 8 | 886 | 23,735 | 943,001 | 151,145 | 1,101,316 | 0 | 4,072,342 | 264,571 | 0.22 | 1,064.34 | 26.79 | 39.73 | 0.00 |
|  | 9 | 1,180 | 32,013 | 1,287,573 | 191,105 | 1,481,337 | 3 | 4,103,769 | 329,403 | 0.29 | 1,091.16 | 27.13 | 40.22 | 0.02 |
|  | 10 | 1,321 | 36,209 | 1,400,772 | 214,580 | 1,621,861 | 0 | 4,107,394 | 341,513 | 0.32 | 1,060.39 | 27.41 | 38.69 | 0.00 |
|  | 11 | 1,241 | 33,860 | 1,334,611 | 227,542 | 1,542,926 | 2 | 4,107,914 | 330,731 | 0.30 | 1,075.43 | 27.28 | 39.42 | 0.01 |
|  | 12 | 1,272 | 35,617 | 1,385,091 | 220,244 | 1,595,012 | 2 | 4,120,400 | 343,259 | 0.31 | 1,088.91 | 28.00 | 38.89 | 0.01 |
| 2008 | 1 | 1,891 | 50,318 | 2,027,014 | 308,444 | 2,351,806 | 4 | 4,129,912 | 323,506 | 0.46 | 1,071.93 | 26.61 | 40.28 | 0.02 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1 | 1,248 | 26,407 | 1,138,447 | 171,342 | 1,278,404 | 3 | 5,760,913 | 454,053 | 0.22 | 912.22 | 21.16 | 43.11 | 0.02 |
|  | 2 | 1,095 | 23,925 | 980,690 | 148,122 | 1,112,695 | 1 | 5,381,966 | 407,127 | 0.20 | 895.61 | 21.85 | 40.99 | 0.01 |
|  | 3 | 1,210 | 24,994 | 1,074,074 | 155,780 | 1,208,412 | 2 | 5,368,571 | 450,186 | 0.23 | 887.66 | 20.66 | 42.97 | 0.02 |
|  | 4 | 1,254 | 24,896 | 1,092,637 | 161,222 | 1,226,506 | 4 | 5,764,905 | 467,629 | 0.22 | 871.32 | 19.85 | 43.89 | 0.03 |
|  | 5 | 1,173 | 23,123 | 1,006,398 | 155,460 | 1,127,208 | 1 | 5,805,858 | 483,732 | 0.20 | 857.97 | 19.71 | 43.52 | 0.01 |
|  | 6 | 1,106 | 20,819 | 932,415 | 139,697 | 1,042,199 | 0 | 5,814,611 | 468,256 | 0.19 | 843.05 | 18.82 | 44.79 | 0.00 |
|  | 7 | 1,042 | 19,586 | 865,243 | 125,480 | 963,453 | 3 | 5,816,657 | 482,490 | 0.18 | 830.37 | 18.80 | 44.18 | 0.03 |
|  | 8 | 1,134 | 21,111 | 921,999 | 135,013 | 1,023,968 | 1 | 5,801,599 | 483,033 | 0.20 | 813.05 | 18.62 | 43.67 | 0.01 |
|  | 9 | 1,013 | 19,256 | 811,051 | 117,694 | 895,564 | 1 | 5,846,606 | 467,949 | 0.17 | 800.64 | 19.01 | 42.12 | 0.01 |
|  | 10 | 1,021 | 17,750 | 793,814 | 119,825 | 875,281 | 3 | 5,847,433 | 486,517 | 0.17 | 777.49 | 17.38 | 44.72 | 0.03 |
|  | 11 | 985 | 17,536 | 750,003 | 110,990 | 822,065 | 1 | 5,849,279 | 471,374 | 0.17 | 761.42 | 17.80 | 42.77 | 0.01 |
|  | 12 | 955 | 16,949 | 706,335 | 105,889 | 773,664 | 1 | 5,872,811 | 487,062 | 0.16 | 739.62 | 17.75 | 41.67 | 0.01 |
| 2012 | 1 | 1,087 | 18,264 | 787,915 | 116,658 | 858,010 | 0 | 5,853,308 | 423,143 | 0.19 | 724.85 | 16.80 | 43.14 | 0.00 |
|  | 2 | 560 | 10,354 | 417,231 | 61,216 | 453,508 | 0 | 5,007,985 | 293,069 | 0.11 | 745.06 | 18.49 | 40.30 | 0.00 |
|  | 3 | 493 | 8,950 | 357,039 | 51,514 | 388,462 | 0 | 3,888,759 | 304,662 | 0.13 | 724.22 | 18.15 | 39.89 | 0.00 |
|  | 4 | 467 | 7,890 | 328,636 | 47,041 | 357,400 | 0 | 3,847,496 | 310,426 | 0.12 | 703.72 | 16.90 | 41.65 | 0.00 |
|  | 5 | 152 | 2,484 | 108,048 | 15,907 | 117,031 | 0 | 3,831,428 | 126,944 | 0.04 | 710.84 | 16.34 | 43.50 | 0.00 |
|  | 6 | 153 | 2,488 | 104,247 | 15,248 | 114,025 | 0 | 1,458,482 | 116,655 | 0.10 | 681.35 | 16.26 | 41.90 | 0.00 |
|  | 7 | 1 | 9 | 715 | 102 | 730 | 0 | 1,436,837 | 3,934 | 0.00 | 715.00 | 9.00 | 79.44 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month 12 | Users <br> 0 | $\begin{gathered} \text { Dispensings } \\ 0 \end{gathered}$ | Days Supplied 0 | Amount Supplied 0 | Days at Risk 0 | Episodes w/ Events 0 | Eligible Members 0 | MemberYears 0 | Users / 1K Eligible Members --- | Days Supplied/ User --- | Dispensings / User --- | Days Supplied/ Dispensing --- | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 18 | 745 | 31,583 | 22,462 | 34,625 | 0 | 109,165 | 8,830 | 0.16 | 1,754.61 | 41.39 | 42.39 | 0.00 |
|  | 2 | 10 | 495 | 19,749 | 2,818 | 21,193 | 0 | 105,099 | 7,995 | 0.10 | 1,974.90 | 49.50 | 39.90 | 0.00 |
|  | 3 | 12 | 622 | 20,462 | 2,916 | 23,507 | 0 | 105,945 | 8,905 | 0.11 | 1,705.17 | 51.83 | 32.90 | 0.00 |
|  | 4 | 424 | 17,537 | 742,550 | 166,014 | 826,417 | 0 | 2,010,086 | 162,938 | 0.21 | 1,751.30 | 41.36 | 42.34 | 0.00 |
|  | 5 | 344 | 14,985 | 613,634 | 94,057 | 677,874 | 1 | 2,042,477 | 169,873 | 0.17 | 1,783.82 | 43.56 | 40.95 | 0.01 |
|  | 6 | 318 | 13,940 | 563,293 | 122,752 | 622,902 | 1 | 2,059,076 | 165,090 | 0.15 | 1,771.36 | 43.84 | 40.41 | 0.02 |
|  | 7 | 303 | 13,061 | 523,581 | 81,008 | 581,223 | 2 | 2,072,459 | 170,934 | 0.15 | 1,727.99 | 43.11 | 40.09 | 0.03 |
|  | 8 | 305 | 12,857 | 523,446 | 96,337 | 587,845 | 0 | 2,081,647 | 172,219 | 0.15 | 1,716.22 | 42.15 | 40.71 | 0.00 |
|  | 9 | 270 | 11,930 | 470,209 | 70,441 | 525,926 | 0 | 2,099,358 | 168,277 | 0.13 | 1,741.51 | 44.19 | 39.41 | 0.00 |
|  | 10 | 305 | 12,844 | 524,001 | 83,341 | 586,001 | 0 | 2,100,639 | 174,853 | 0.15 | 1,718.04 | 42.11 | 40.80 | 0.00 |
|  | 11 | 267 | 10,797 | 444,779 | 84,381 | 496,983 | 0 | 2,099,204 | 169,516 | 0.13 | 1,665.84 | 40.44 | 41.19 | 0.00 |
|  | 12 | 225 | 9,730 | 393,213 | 64,602 | 434,175 | 1 | 2,107,752 | 175,832 | 0.11 | 1,747.61 | 43.24 | 40.41 | 0.02 |
| 2007 | 1 | 321 | 14,124 | 548,012 | 116,367 | 616,021 | 1 | 2,112,374 | 168,305 | 0.15 | 1,707.20 | 44.00 | 38.80 | 0.02 |
|  | 2 | 260 | 11,111 | 442,347 | 64,736 | 497,384 | 2 | 2,002,490 | 151,892 | 0.13 | 1,701.33 | 42.73 | 39.81 | 0.04 |
|  | 3 | 241 | 10,151 | 411,421 | 65,768 | 459,473 | 0 | 2,004,178 | 168,186 | 0.12 | 1,707.14 | 42.12 | 40.53 | 0.00 |
|  | 4 | 247 | 10,415 | 416,247 | 67,660 | 463,768 | 0 | 2,090,878 | 169,761 | 0.12 | 1,685.21 | 42.17 | 39.97 | 0.00 |
|  | 5 | 235 | 9,898 | 399,994 | 66,665 | 444,007 | 0 | 2,108,362 | 175,898 | 0.11 | 1,702.10 | 42.12 | 40.41 | 0.00 |
|  | 6 | 217 | 8,887 | 363,860 | 51,940 | 407,101 | 1 | 2,120,440 | 170,690 | 0.10 | 1,676.77 | 40.95 | 40.94 | 0.02 |
|  | 7 | 217 | 8,144 | 361,785 | 67,391 | 401,881 | 1 | 2,126,977 | 175,713 | 0.10 | 1,667.21 | 37.53 | 44.42 | 0.02 |
|  | 8 | 248 | 9,988 | 410,380 | 59,911 | 456,698 | 0 | 2,748,468 | 179,690 | 0.09 | 1,654.76 | 40.27 | 41.09 | 0.00 |
|  | 9 | 320 | 13,388 | 551,829 | 82,936 | 607,157 | 0 | 2,769,868 | 222,783 | 0.12 | 1,724.47 | 41.84 | 41.22 | 0.00 |
|  | 10 | 323 | 14,208 | 548,506 | 81,757 | 607,093 | 0 | 2,771,495 | 231,322 | 0.12 | 1,698.16 | 43.99 | 38.61 | 0.00 |
|  | 11 | 327 | 13,731 | 554,767 | 81,537 | 610,294 | 1 | 2,778,014 | 224,189 | 0.12 | 1,696.54 | 41.99 | 40.40 | 0.02 |
|  | 12 | 373 | 16,370 | 626,693 | 92,409 | 694,125 | 0 | 2,786,044 | 232,546 | 0.13 | 1,680.14 | 43.89 | 38.28 | 0.00 |
| 2008 | 1 | 494 | 19,610 | 828,304 | 121,209 | 915,867 | 3 | 2,789,717 | 217,540 | 0.18 | 1,676.73 | 39.70 | 42.24 | 0.03 |
|  | 2 | 443 | 19,113 | 760,393 | 111,584 | 836,771 | 1 | 2,599,505 | 203,061 | 0.17 | 1,716.46 | 43.14 | 39.78 | 0.01 |
|  | 3 | 484 | 19,423 | 818,032 | 121,885 | 897,552 | 1 | 3,640,678 | 219,713 | 0.13 | 1,690.15 | 40.13 | 42.12 | 0.01 |
|  | 4 | 653 | 25,270 | 1,102,888 | 166,127 | 1,208,933 | 0 | 3,627,762 | 294,627 | 0.18 | 1,688.96 | 38.70 | 43.64 | 0.00 |
|  | 5 | 514 | 20,762 | 879,800 | 130,011 | 957,847 | 1 | 3,676,707 | 305,825 | 0.14 | 1,711.67 | 40.39 | 42.38 | 0.01 |
|  | 6 | 488 | 19,681 | 822,953 | 121,559 | 897,393 | 1 | 3,700,931 | 297,026 | 0.13 | 1,686.38 | 40.33 | 41.81 | 0.01 |
|  | 7 | 457 | 17,486 | 762,265 | 111,346 | 830,373 | 3 | 3,721,981 | 306,342 | 0.12 | 1,667.98 | 38.26 | 43.59 | 0.04 |
|  | 8 | 434 | 16,919 | 712,831 | 103,074 | 782,239 | 1 | 3,696,486 | 308,198 | 0.12 | 1,642.47 | 38.98 | 42.13 | 0.01 |
|  | 9 | 474 | 19,019 | 785,957 | 121,217 | 855,931 | 1 | 3,718,657 | 298,702 | 0.13 | 1,658.14 | 40.12 | 41.32 | 0.01 |

# Mini-Sentinel 

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 457 | 18,119 | 758,719 | 111,745 | 821,686 | 2 | 3,719,634 | 310,067 | 0.12 | 1,660.22 | 39.65 | 41.87 | 0.02 |
|  | 11 | 415 | 15,387 | 683,437 | 102,731 | 740,936 | 0 | 3,724,978 | 300,531 | 0.11 | 1,646.84 | 37.08 | 44.42 | 0.00 |
|  | 12 | 414 | 15,920 | 671,470 | 99,206 | 726,526 | 1 | 3,736,898 | 311,740 | 0.11 | 1,621.91 | 38.45 | 42.18 | 0.01 |
| 2009 | 1 | 700 | 28,367 | 1,148,549 | 168,367 | 1,238,383 | 2 | 3,743,306 | 297,526 | 0.19 | 1,640.78 | 40.52 | 40.49 | 0.02 |
|  | 2 | 572 | 21,970 | 931,872 | 138,083 | 1,000,166 | 5 | 3,536,552 | 267,620 | 0.16 | 1,629.15 | 38.41 | 42.42 | 0.05 |
|  | 3 | 487 | 18,794 | 790,113 | 116,300 | 847,705 | 0 | 3,526,847 | 295,981 | 0.14 | 1,622.41 | 38.59 | 42.04 | 0.00 |
|  | 4 | 467 | 16,508 | 745,772 | 111,631 | 803,847 | 0 | 3,733,751 | 303,171 | 0.13 | 1,596.94 | 35.35 | 45.18 | 0.00 |
|  | 5 | 424 | 15,836 | 675,799 | 98,976 | 722,740 | 1 | 3,774,792 | 314,214 | 0.11 | 1,593.87 | 37.35 | 42.67 | 0.01 |
|  | 6 | 420 | 14,201 | 658,325 | 97,357 | 702,972 | 2 | 3,798,943 | 305,175 | 0.11 | 1,567.44 | 33.81 | 46.36 | 0.03 |
|  | 7 | 415 | 15,154 | 647,595 | 100,440 | 691,951 | 2 | 3,803,389 | 315,936 | 0.11 | 1,560.47 | 36.52 | 42.73 | 0.03 |
|  | 8 | 380 | 14,189 | 583,228 | 84,453 | 624,277 | 0 | 3,792,422 | 316,494 | 0.10 | 1,534.81 | 37.34 | 41.10 | 0.00 |
|  | 9 | 362 | 12,800 | 548,779 | 81,505 | 584,143 | 0 | 3,821,454 | 306,605 | 0.09 | 1,515.96 | 35.36 | 42.87 | 0.00 |
|  | 10 | 375 | 12,978 | 563,835 | 86,740 | 598,332 | 0 | 3,822,749 | 318,711 | 0.10 | 1,503.56 | 34.61 | 43.45 | 0.00 |
|  | 11 | 314 | 11,001 | 464,269 | 67,406 | 492,660 | 0 | 3,823,106 | 308,834 | 0.08 | 1,478.56 | 35.04 | 42.20 | 0.00 |
|  | 12 | 351 | 12,272 | 514,311 | 73,297 | 542,135 | 1 | 3,837,780 | 319,188 | 0.09 | 1,465.27 | 34.96 | 41.91 | 0.02 |
| 2010 | 1 | 335 | 11,105 | 483,313 | 70,790 | 510,990 | 0 | 3,824,032 | 278,813 | 0.09 | 1,442.73 | 33.15 | 43.52 | 0.00 |
|  | 2 | 149 | 5,443 | 217,593 | 30,906 | 229,954 | 0 | 3,295,706 | 190,314 | 0.05 | 1,460.36 | 36.53 | 39.98 | 0.00 |
|  | 3 | 162 | 5,647 | 232,215 | 34,161 | 245,045 | 1 | 2,477,411 | 207,198 | 0.07 | 1,433.43 | 34.86 | 41.12 | 0.04 |
|  | 4 | 134 | 4,486 | 191,072 | 28,400 | 200,194 | 0 | 2,614,337 | 211,156 | 0.05 | 1,425.91 | 33.48 | 42.59 | 0.00 |
|  | 5 | 39 | 1,277 | 54,900 | 10,374 | 58,608 | 0 | 2,590,861 | 80,372 | 0.02 | 1,407.69 | 32.74 | 42.99 | 0.00 |
|  | 6 | 46 | 1,455 | 63,359 | 10,195 | 67,920 | 0 | 913,395 | 73,289 | 0.05 | 1,377.37 | 31.63 | 43.55 | 0.00 |
|  | 7 | 2 | 101 | 2,828 | 403 | 2,922 | 0 | 901,828 | 2,469 | 0.00 | 1,414.00 | 50.50 | 28.00 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

Mini-Sentinel

Table 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | - |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | - | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | - |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 821 | 4,612 | 184,766 | 49,744 | 299,015 | 0 | 237,479 | 19,842 | 3.46 | 225.05 | 5.62 | 40.06 | 0.00 |
|  | 2 | 645 | 3,124 | 127,141 | 18,888 | 222,125 | 1 | 235,758 | 17,965 | 2.74 | 197.12 | 4.84 | 40.70 | 0.05 |
|  | 3 | 710 | 3,500 | 132,470 | 20,727 | 245,178 | 2 | 237,803 | 20,001 | 2.99 | 186.58 | 4.93 | 37.85 | 0.08 |
|  | 4 | 9,751 | 65,433 | 2,687,718 | 557,064 | 4,389,612 | 8 | 4,468,954 | 365,100 | 2.18 | 275.64 | 6.71 | 41.08 | 0.02 |
|  | 5 | 9,046 | 57,007 | 2,260,805 | 409,180 | 3,830,891 | 4 | 4,543,168 | 378,673 | 1.99 | 249.92 | 6.30 | 39.66 | 0.01 |
|  | 6 | 8,324 | 54,804 | 2,147,099 | 460,034 | 3,558,318 | 5 | 4,548,972 | 366,255 | 1.83 | 257.94 | 6.58 | 39.18 | 0.01 |







| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 20 | 798 | 33,907 | 22,794 | 39,439 | 0 | 109,165 | 8,830 | 0.18 | 1,695.35 | 39.90 | 42.49 | 0.00 |
|  | 2 | 11 | 532 | 20,787 | 2,966 | 23,308 | 0 | 105,097 | 7,995 | 0.10 | 1,889.73 | 48.36 | 39.07 | 0.00 |
|  | 3 | 15 | 734 | 23,606 | 3,660 | 29,590 | 0 | 105,942 | 8,905 | 0.14 | 1,573.73 | 48.93 | 32.16 | 0.00 |
|  | 4 | 456 | 18,359 | 778,984 | 171,205 | 917,603 | 0 | 2,010,081 | 162,936 | 0.23 | 1,708.30 | 40.26 | 42.43 | 0.00 |
|  | 5 | 375 | 15,765 | 648,365 | 98,997 | 756,270 | 1 | 2,042,441 | 169,869 | 0.18 | 1,728.97 | 42.04 | 41.13 | 0.01 |
|  | 6 | 363 | 15,220 | 613,932 | 139,150 | 719,588 | 1 | 2,059,011 | 165,083 | 0.18 | 1,691.27 | 41.93 | 40.34 | 0.01 |
|  | 7 | 331 | 13,870 | 554,878 | 85,468 | 651,738 | 2 | 2,072,349 | 170,924 | 0.16 | 1,676.37 | 41.90 | 40.01 | 0.03 |
|  | 8 | 340 | 13,855 | 562,607 | 101,911 | 671,216 | 0 | 2,081,514 | 172,206 | 0.16 | 1,654.73 | 40.75 | 40.61 | 0.00 |
|  | 9 | 298 | 12,761 | 501,367 | 74,860 | 596,500 | 0 | 2,099,192 | 168,263 | 0.14 | 1,682.44 | 42.82 | 39.29 | 0.00 |
|  | 10 | 349 | 14,096 | 572,879 | 91,757 | 683,297 | 0 | 2,100,452 | 174,835 | 0.17 | 1,641.49 | 40.39 | 40.64 | 0.00 |
|  | 11 | 311 | 12,255 | 494,866 | 98,805 | 590,368 | 0 | 2,098,974 | 169,495 | 0.15 | 1,591.21 | 39.41 | 40.38 | 0.00 |
|  | 12 | 268 | 11,036 | 441,155 | 71,442 | 520,650 | 1 | 2,107,481 | 175,807 | 0.13 | 1,646.10 | 41.18 | 39.97 | 0.02 |
| 2007 | 1 | 394 | 16,221 | 629,767 | 128,178 | 760,225 | 2 | 2,112,063 | 168,276 | 0.19 | 1,598.39 | 41.17 | 38.82 | 0.03 |
|  | 2 | 313 | 12,740 | 502,641 | 74,346 | 607,808 | 2 | 2,002,116 | 151,862 | 0.16 | 1,605.88 | 40.70 | 39.45 | 0.03 |
|  | 3 | 306 | 11,947 | 483,201 | 81,524 | 579,822 | 0 | 2,003,754 | 168,147 | 0.15 | 1,579.09 | 39.04 | 40.45 | 0.00 |
|  | 4 | 288 | 11,506 | 462,143 | 74,172 | 548,744 | 0 | 2,090,395 | 169,720 | 0.14 | 1,604.66 | 39.95 | 40.17 | 0.00 |
|  | 5 | 274 | 10,958 | 444,598 | 73,035 | 523,917 | 0 | 2,107,840 | 175,853 | 0.13 | 1,622.62 | 39.99 | 40.57 | 0.00 |
|  | 6 | 259 | 10,027 | 412,145 | 59,128 | 493,645 | 1 | 2,119,882 | 170,643 | 0.12 | 1,591.29 | 38.71 | 41.10 | 0.02 |
|  | 7 | 244 | 8,869 | 391,875 | 71,659 | 463,736 | 1 | 2,126,385 | 175,663 | 0.11 | 1,606.05 | 36.35 | 44.18 | 0.02 |
|  | 8 | 292 | 11,158 | 459,974 | 66,955 | 543,901 | 0 | 2,747,858 | 179,637 | 0.11 | 1,575.25 | 38.21 | 41.22 | 0.00 |
|  | 9 | 387 | 15,102 | 626,594 | 93,584 | 734,376 | 0 | 2,769,218 | 222,727 | 0.14 | 1,619.11 | 39.02 | 41.49 | 0.00 |
|  | 10 | 382 | 15,873 | 615,298 | 92,157 | 722,582 | 0 | 2,770,783 | 231,259 | 0.14 | 1,610.73 | 41.55 | 38.76 | 0.00 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 402 | 15,730 | 637,776 | 107,157 | 750,055 | 1 | 2,777,248 | 224,124 | 0.14 | 1,586.51 | 39.13 | 40.55 | 0.01 |
|  | 12 | 449 | 18,320 | 713,247 | 104,725 | 840,926 | 0 | 2,785,209 | 232,472 | 0.16 | 1,588.52 | 40.80 | 38.93 | 0.00 |
| 2008 | 1 | 586 | 22,116 | 931,654 | 135,941 | 1,098,402 | 3 | 2,788,813 | 217,466 | 0.21 | 1,589.85 | 37.74 | 42.13 | 0.03 |
|  | 2 | 533 | 21,735 | 862,597 | 126,132 | 1,006,434 | 3 | 2,598,587 | 202,986 | 0.21 | 1,618.38 | 40.78 | 39.69 | 0.03 |
|  | 3 | 588 | 22,250 | 935,335 | 138,613 | 1,091,994 | 1 | 3,639,684 | 219,625 | 0.16 | 1,590.71 | 37.84 | 42.04 | 0.01 |
|  | 4 | 794 | 28,758 | 1,262,694 | 201,866 | 1,473,391 | 0 | 3,626,666 | 294,532 | 0.22 | 1,590.29 | 36.22 | 43.91 | 0.00 |
|  | 5 | 638 | 23,786 | 1,020,675 | 151,300 | 1,179,155 | 2 | 3,675,481 | 305,716 | 0.17 | 1,599.80 | 37.28 | 42.91 | 0.02 |
|  | 6 | 598 | 22,462 | 947,066 | 140,050 | 1,097,333 | 1 | 3,699,592 | 296,912 | 0.16 | 1,583.72 | 37.56 | 42.16 | 0.01 |
|  | 7 | 557 | 20,154 | 874,163 | 129,534 | 1,012,872 | 3 | 3,720,547 | 306,218 | 0.15 | 1,569.41 | 36.18 | 43.37 | 0.03 |
|  | 8 | 541 | 19,681 | 832,611 | 122,468 | 971,924 | 1 | 3,694,968 | 308,066 | 0.15 | 1,539.02 | 36.38 | 42.31 | 0.01 |
|  | 9 | 572 | 21,542 | 897,195 | 138,061 | 1,030,895 | 1 | 3,717,043 | 298,566 | 0.15 | 1,568.52 | 37.66 | 41.65 | 0.01 |
|  | 10 | 547 | 20,439 | 859,970 | 126,132 | 982,706 | 3 | 3,717,931 | 309,919 | 0.15 | 1,572.16 | 37.37 | 42.07 | 0.03 |
|  | 11 | 504 | 17,782 | 784,293 | 118,912 | 897,876 | 0 | 3,723,197 | 300,382 | 0.14 | 1,556.14 | 35.28 | 44.11 | 0.00 |
|  | 12 | 511 | 18,474 | 782,125 | 115,894 | 893,428 | 1 | 3,735,038 | 311,578 | 0.14 | 1,530.58 | 36.15 | 42.34 | 0.01 |
| 2009 | 1 | 827 | 31,748 | 1,291,691 | 188,702 | 1,461,780 | 3 | 3,741,360 | 297,367 | 0.22 | 1,561.90 | 38.39 | 40.69 | 0.02 |
|  | 2 | 679 | 24,635 | 1,053,076 | 156,133 | 1,185,574 | 5 | 3,534,608 | 267,468 | 0.19 | 1,550.92 | 36.28 | 42.75 | 0.04 |
|  | 3 | 596 | 21,599 | 913,134 | 134,696 | 1,028,719 | 1 | 3,524,814 | 295,805 | 0.17 | 1,532.10 | 36.24 | 42.28 | 0.01 |
|  | 4 | 551 | 18,530 | 840,542 | 126,024 | 948,161 | 0 | 3,731,623 | 302,995 | 0.15 | 1,525.48 | 33.63 | 45.36 | 0.00 |
|  | 5 | 498 | 17,772 | 758,076 | 110,693 | 846,265 | 1 | 3,772,597 | 314,026 | 0.13 | 1,522.24 | 35.69 | 42.66 | 0.01 |
|  | 6 | 492 | 15,892 | 739,543 | 108,953 | 824,385 | 2 | 3,796,689 | 304,987 | 0.13 | 1,503.14 | 32.30 | 46.54 | 0.02 |
|  | 7 | 480 | 16,706 | 722,254 | 111,072 | 800,215 | 2 | 3,801,080 | 315,740 | 0.13 | 1,504.70 | 34.80 | 43.23 | 0.02 |
|  | 8 | 458 | 16,276 | 670,067 | 97,796 | 749,609 | 0 | 3,790,079 | 316,293 | 0.12 | 1,463.03 | 35.54 | 41.17 | 0.00 |
|  | 9 | 432 | 14,788 | 628,073 | 92,829 | 696,666 | 1 | 3,819,054 | 306,407 | 0.11 | 1,453.87 | 34.23 | 42.47 | 0.01 |
|  | 10 | 446 | 14,760 | 644,195 | 99,145 | 709,772 | 0 | 3,820,299 | 318,502 | 0.12 | 1,444.38 | 33.09 | 43.64 | 0.00 |
|  | 11 | 371 | 12,531 | 527,745 | 76,498 | 581,024 | 0 | 3,820,601 | 308,627 | 0.10 | 1,422.49 | 33.78 | 42.12 | 0.00 |
|  | 12 | 418 | 13,958 | 589,773 | 83,999 | 644,506 | 1 | 3,835,229 | 318,970 | 0.11 | 1,410.94 | 33.39 | 42.25 | 0.02 |
| 2010 | 1 | 398 | 12,784 | 554,119 | 80,837 | 607,511 | 0 | 3,821,435 | 278,612 | 0.10 | 1,392.26 | 32.12 | 43.34 | 0.00 |
|  | 2 | 170 | 6,052 | 241,423 | 34,261 | 262,315 | 0 | 3,293,316 | 190,193 | 0.05 | 1,420.14 | 35.60 | 39.89 | 0.00 |
|  | 3 | 181 | 6,128 | 253,654 | 37,185 | 274,055 | 1 | 2,475,859 | 207,067 | 0.07 | 1,401.40 | 33.86 | 41.39 | 0.04 |
|  | 4 | 151 | 4,955 | 209,558 | 31,028 | 225,518 | 0 | 2,612,776 | 211,029 | 0.06 | 1,387.80 | 32.81 | 42.29 | 0.00 |
|  | 5 | 45 | 1,459 | 61,527 | 11,309 | 67,494 | 0 | 2,589,303 | 80,346 | 0.02 | 1,367.27 | 32.42 | 42.17 | 0.00 |
|  | 6 | 55 | 1,645 | 73,390 | 11,623 | 81,266 | 0 | 913,132 | 73,267 | 0.06 | 1,334.36 | 29.91 | 44.61 | 0.00 |
|  | 7 | 2 | 101 | 2,828 | 403 | 2,922 | 0 | 901,556 | 2,468 | 0.00 | 1,414.00 | 50.50 | 28.00 | 0.00 |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | - |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | -- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

Alendronate and Fracture of Interest
Scenarios with Differing Minimum Episdode Durations (MED) and Exposure Extension Periods $=0$ days



## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month




## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month




## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month




## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

Alendronate and Hip Fractures
Scenarios with Differing Minimum Episdode Durations (MED) and Exposure Extension Periods = 365 days



## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



Alendronate and Non-vertebral Fractures
Scenarios with Differing Minimum Episdode Durations (MED) and Exposure Extension Periods = 365 days


## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month




## Charts 4A: Summary of Alendronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 193 | 1,030 | 33,640 | 5,465 | 36,705 | 0 | 237,415 | 19,860 | 0.81 | 174.30 | 5.34 | 32.66 | 0.00 |
|  | 2 | 158 | 809 | 28,050 | 4,120 | 30,909 | 0 | 236,325 | 18,026 | 0.67 | 177.53 | 5.12 | 34.67 | 0.00 |
|  | 3 | 148 | 743 | 25,204 | 4,096 | 26,794 | 1 | 238,837 | 20,111 | 0.62 | 170.30 | 5.02 | 33.92 | 0.37 |
|  | 4 | 4,485 | 30,441 | 1,209,967 | 205,740 | 1,295,435 | 17 | 4,469,355 | 365,335 | 1.00 | 269.78 | 6.79 | 39.75 | 0.13 |
|  | 5 | 4,620 | 31,160 | 1,171,579 | 210,530 | 1,255,520 | 10 | 4,548,799 | 379,325 | 1.02 | 253.59 | 6.74 | 37.60 | 0.08 |
|  | 6 | 4,393 | 30,248 | 1,142,544 | 191,671 | 1,231,199 | 7 | 4,558,841 | 367,201 | 0.96 | 260.08 | 6.89 | 37.77 | 0.06 |
|  | 7 | 3,597 | 23,769 | 912,405 | 153,373 | 982,155 | 7 | 4,563,563 | 380,087 | 0.79 | 253.66 | 6.61 | 38.39 | 0.07 |
|  | 8 | 3,764 | 24,568 | 927,702 | 156,555 | 1,000,286 | 8 | 4,606,426 | 382,923 | 0.82 | 246.47 | 6.53 | 37.76 | 0.08 |
|  | 9 | 3,289 | 21,944 | 828,169 | 134,693 | 895,613 | 7 | 4,645,228 | 373,847 | 0.71 | 251.80 | 6.67 | 37.74 | 0.08 |
|  | 10 | 3,374 | 23,363 | 868,875 | 145,318 | 933,307 | 8 | 4,653,087 | 389,381 | 0.73 | 257.52 | 6.92 | 37.19 | 0.09 |
|  | 11 | 2,970 | 21,007 | 782,643 | 131,138 | 840,075 | 6 | 4,669,720 | 377,878 | 0.64 | 263.52 | 7.07 | 37.26 | 0.07 |
|  | 12 | 2,744 | 18,893 | 710,036 | 122,194 | 761,615 | 8 | 4,697,904 | 392,794 | 0.58 | 258.76 | 6.89 | 37.58 | 0.11 |
| 2007 | 1 | 2,958 | 21,666 | 796,272 | 131,106 | 855,604 | 9 | 4,474,682 | 374,218 | 0.66 | 269.19 | 7.32 | 36.75 | 0.11 |
|  | 2 | 2,496 | 17,872 | 670,130 | 110,432 | 715,421 | 10 | 4,425,350 | 337,824 | 0.56 | 268.48 | 7.16 | 37.50 | 0.14 |
|  | 3 | 2,478 | 18,103 | 669,996 | 108,617 | 718,140 | 5 | 4,432,875 | 374,412 | 0.56 | 270.38 | 7.31 | 37.01 | 0.07 |
|  | 4 | 2,326 | 15,723 | 591,981 | 98,728 | 639,098 | 1 | 4,682,785 | 382,937 | 0.50 | 254.51 | 6.76 | 37.65 | 0.02 |
|  | 5 | 2,414 | 17,200 | 636,228 | 105,323 | 682,097 | 4 | 4,751,000 | 397,415 | 0.51 | 263.56 | 7.13 | 36.99 | 0.06 |
|  | 6 | 2,183 | 14,957 | 550,956 | 86,511 | 591,910 | 1 | 4,777,192 | 385,336 | 0.46 | 252.38 | 6.85 | 36.84 | 0.02 |
|  | 7 | 2,093 | 14,320 | 530,677 | 80,790 | 570,399 | 2 | 4,745,368 | 396,841 | 0.44 | 253.55 | 6.84 | 37.06 | 0.04 |
|  | 8 | 2,331 | 15,318 | 566,414 | 83,864 | 608,438 | 8 | 6,283,965 | 406,352 | 0.37 | 242.99 | 6.57 | 36.98 | 0.13 |
|  | 9 | 3,976 | 21,980 | 799,783 | 124,839 | 865,290 | 11 | 6,330,233 | 509,979 | 0.63 | 201.15 | 5.53 | 36.39 | 0.13 |
|  | 10 | 4,294 | 24,614 | 878,612 | 132,348 | 946,127 | 5 | 6,332,627 | 530,344 | 0.68 | 204.61 | 5.73 | 35.70 | 0.05 |
|  | 11 | 3,712 | 21,721 | 784,833 | 114,828 | 844,417 | 9 | 6,356,546 | 514,361 | 0.58 | 211.43 | 5.85 | 36.13 | 0.11 |
|  | 12 | 3,209 | 16,855 | 605,237 | 92,001 | 656,424 | 7 | 6,390,344 | 534,337 | 0.50 | 188.61 | 5.25 | 35.91 | 0.11 |
| 2008 | 1 | 4,056 | 23,493 | 849,559 | 126,662 | 916,583 | 7 | 6,117,664 | 511,782 | 0.66 | 209.46 | 5.79 | 36.16 | 0.08 |
|  | 2 | 3,166 | 18,573 | 671,914 | 98,811 | 725,511 | 7 | 6,103,601 | 478,889 | 0.52 | 212.23 | 5.87 | 36.18 | 0.10 |
|  | 3 | 3,152 | 17,314 | 660,443 | 95,030 | 706,816 | 12 | 9,622,730 | 520,734 | 0.33 | 209.53 | 5.49 | 38.15 | 0.17 |
|  | 4 | 6,433 | 33,407 | 1,459,653 | 213,326 | 1,556,150 | 19 | 9,493,832 | 777,056 | 0.68 | 226.90 | 5.19 | 43.69 | 0.12 |
|  | 5 | 5,863 | 29,903 | 1,225,417 | 172,917 | 1,312,639 | 7 | 9,661,618 | 805,782 | 0.61 | 209.01 | 5.10 | 40.98 | 0.05 |
|  | 6 | 5,712 | 28,979 | 1,196,783 | 155,615 | 1,280,641 | 15 | 9,704,881 | 781,153 | 0.59 | 209.52 | 5.07 | 41.30 | 0.12 |
|  | 7 | 5,667 | 27,781 | 1,136,620 | 139,505 | 1,216,806 | 13 | 9,702,828 | 809,294 | 0.58 | 200.57 | 4.90 | 40.91 | 0.11 |
|  | 8 | 5,390 | 27,317 | 1,085,149 | 119,241 | 1,161,959 | 12 | 9,732,549 | 813,463 | 0.55 | 201.33 | 5.07 | 39.72 | 0.10 |
|  | 9 | 5,126 | 25,610 | 1,040,178 | 107,381 | 1,112,240 | 8 | 9,814,933 | 789,034 | 0.52 | 202.92 | 5.00 | 40.62 | 0.07 |
|  | 10 | 5,546 | 27,608 | 1,113,461 | 111,634 | 1,189,915 | 15 | 9,824,703 | 821,847 | 0.56 | 200.77 | 4.98 | 40.33 | 0.13 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 4,634 | 22,781 | 909,157 | 88,175 | 971,451 | 10 | 9,846,247 | 796,510 | 0.47 | 196.19 | 4.92 | 39.91 | 0.10 |
|  | 12 | 4,725 | 22,699 | 900,200 | 84,101 | 960,667 | 13 | 9,901,012 | 826,614 | 0.48 | 190.52 | 4.80 | 39.66 | 0.14 |
| 2009 | 1 | 4,169 | 23,766 | 960,683 | 90,792 | 1,022,021 | 9 | 9,129,263 | 763,748 | 0.46 | 230.43 | 5.70 | 40.42 | 0.09 |
|  | 2 | 3,533 | 19,274 | 768,586 | 69,713 | 819,168 | 6 | 8,994,670 | 687,346 | 0.39 | 217.54 | 5.46 | 39.88 | 0.07 |
|  | 3 | 3,547 | 18,780 | 754,365 | 66,981 | 803,059 | 3 | 8,960,188 | 757,915 | 0.40 | 212.68 | 5.29 | 40.17 | 0.04 |
|  | 4 | 3,905 | 20,259 | 845,330 | 74,518 | 899,100 | 9 | 9,587,668 | 785,100 | 0.41 | 216.47 | 5.19 | 41.73 | 0.10 |
|  | 5 | 3,502 | 18,702 | 747,789 | 65,827 | 799,042 | 7 | 9,733,852 | 812,812 | 0.36 | 213.53 | 5.34 | 39.98 | 0.09 |
|  | 6 | 3,700 | 19,250 | 776,673 | 64,643 | 825,789 | 6 | 9,778,522 | 789,007 | 0.38 | 209.91 | 5.20 | 40.35 | 0.07 |
|  | 7 | 3,914 | 22,060 | 868,770 | 72,221 | 924,001 | 9 | 9,733,742 | 814,804 | 0.40 | 221.96 | 5.64 | 39.38 | 0.10 |
|  | 8 | 3,652 | 19,821 | 777,766 | 57,624 | 829,782 | 3 | 9,743,142 | 815,949 | 0.37 | 212.97 | 5.43 | 39.24 | 0.04 |
|  | 9 | 3,565 | 18,996 | 741,258 | 58,774 | 790,882 | 3 | 9,797,959 | 789,854 | 0.36 | 207.93 | 5.33 | 39.02 | 0.04 |
|  | 10 | 3,590 | 18,976 | 742,519 | 54,535 | 792,092 | 5 | 9,775,676 | 819,106 | 0.37 | 206.83 | 5.29 | 39.13 | 0.06 |
|  | 11 | 3,204 | 15,470 | 603,962 | 44,442 | 645,037 | 5 | 9,787,471 | 793,454 | 0.33 | 188.50 | 4.83 | 39.04 | 0.08 |
|  | 12 | 3,202 | 15,356 | 597,847 | 44,768 | 638,604 | 3 | 9,827,385 | 822,075 | 0.33 | 186.71 | 4.80 | 38.93 | 0.05 |
| 2010 | 1 | 3,046 | 16,754 | 660,819 | 48,539 | 703,241 | 4 | 8,895,258 | 746,099 | 0.34 | 216.95 | 5.50 | 39.44 | 0.06 |
|  | 2 | 2,568 | 13,188 | 524,479 | 39,242 | 557,726 | 3 | 8,776,172 | 670,726 | 0.29 | 204.24 | 5.14 | 39.77 | 0.05 |
|  | 3 | 2,671 | 13,430 | 550,035 | 39,940 | 584,668 | 2 | 8,741,534 | 739,624 | 0.31 | 205.93 | 5.03 | 40.96 | 0.03 |
|  | 4 | 2,963 | 14,529 | 587,861 | 43,962 | 624,552 | 6 | 9,457,398 | 774,586 | 0.31 | 198.40 | 4.90 | 40.46 | 0.10 |
|  | 5 | 2,524 | 13,056 | 506,135 | 39,133 | 540,990 | 5 | 9,556,575 | 799,080 | 0.26 | 200.53 | 5.17 | 38.77 | 0.09 |
|  | 6 | 2,526 | 11,493 | 475,353 | 37,370 | 504,751 | 4 | 9,589,587 | 774,173 | 0.26 | 188.18 | 4.55 | 41.36 | 0.08 |
|  | 7 | 2,454 | 11,922 | 464,653 | 34,786 | 494,686 | 7 | 9,522,695 | 797,910 | 0.26 | 189.35 | 4.86 | 38.97 | 0.14 |
|  | 8 | 2,407 | 11,470 | 448,301 | 31,882 | 478,220 | 6 | 9,513,621 | 797,032 | 0.25 | 186.25 | 4.77 | 39.08 | 0.13 |
|  | 9 | 2,109 | 9,239 | 357,588 | 27,699 | 379,395 | 4 | 9,552,155 | 770,890 | 0.22 | 169.55 | 4.38 | 38.70 | 0.11 |
|  | 10 | 2,161 | 9,728 | 380,231 | 29,416 | 402,716 | 4 | 9,517,647 | 797,987 | 0.23 | 175.95 | 4.50 | 39.09 | 0.10 |
|  | 11 | 1,865 | 8,234 | 330,559 | 25,181 | 350,873 | 3 | 9,529,807 | 772,419 | 0.20 | 177.24 | 4.42 | 40.15 | 0.09 |
|  | 12 | 1,948 | 8,647 | 331,284 | 24,046 | 352,162 | 0 | 9,566,756 | 800,877 | 0.20 | 170.06 | 4.44 | 38.31 | 0.00 |
| 2011 | 1 | 1,869 | 9,833 | 381,939 | 30,178 | 404,565 | 5 | 8,647,959 | 725,042 | 0.22 | 204.35 | 5.26 | 38.84 | 0.12 |
|  | 2 | 1,542 | 7,772 | 301,289 | 26,173 | 322,021 | 2 | 8,542,164 | 653,205 | 0.18 | 195.39 | 5.04 | 38.77 | 0.06 |
|  | 3 | 1,751 | 8,822 | 342,857 | 31,026 | 364,105 | 1 | 8,543,553 | 722,933 | 0.20 | 195.81 | 5.04 | 38.86 | 0.03 |
|  | 4 | 1,745 | 8,448 | 341,854 | 32,043 | 362,656 | 5 | 9,229,870 | 756,068 | 0.19 | 195.90 | 4.84 | 40.47 | 0.14 |
|  | 5 | 1,694 | 7,725 | 300,623 | 28,740 | 319,536 | 3 | 9,329,346 | 781,754 | 0.18 | 177.46 | 4.56 | 38.92 | 0.09 |
|  | 6 | 1,695 | 7,909 | 323,366 | 30,241 | 343,166 | 2 | 9,336,235 | 756,453 | 0.18 | 190.78 | 4.67 | 40.89 | 0.06 |
|  | 7 | 1,483 | 6,731 | 271,049 | 25,359 | 288,112 | 4 | 9,259,974 | 775,762 | 0.16 | 182.77 | 4.54 | 40.27 | 0.14 |
|  | 8 | 1,497 | 6,480 | 259,694 | 25,833 | 274,306 | 3 | 9,271,560 | 776,346 | 0.16 | 173.48 | 4.33 | 40.08 | 0.11 |
|  | 9 | 1,512 | 6,708 | 269,202 | 27,745 | 285,922 | 2 | 9,333,216 | 752,105 | 0.16 | 178.04 | 4.44 | 40.13 | 0.07 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Da | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 1,536 | 6,889 | 263,921 | 26,580 | 279,544 | 2 | 9,328,471 | 781,514 | 0.16 | 171.82 | 4.49 | 38.31 | 0.07 |
|  | 11 | 1,512 | 7,239 | 282,133 | 30,033 | 298,828 | 2 | 9,357,278 | 757,885 | 0.16 | 186.60 | 4.79 | 38.97 | 0.07 |
|  | 12 | 1,429 | 5,879 | 221,064 | 22,979 | 234,118 | 6 | 9,407,331 | 786,429 | 0.15 | 154.70 | 4.11 | 37.60 | 0.26 |
| 2012 | 1 | 1,267 | 5,778 | 228,030 | 23,238 | 242,731 | 3 | 8,565,592 | 717,837 | 0.15 | 179.98 | 4.56 | 39.47 | 0.12 |
|  | 2 | 1,228 | 5,579 | 210,346 | 21,580 | 223,107 | 6 | 8,558,259 | 671,355 | 0.14 | 171.29 | 4.54 | 37.70 | 0.27 |
|  | 3 | 1,116 | 4,667 | 178,571 | 17,519 | 188,881 | 2 | 9,270,216 | 718,548 | 0.12 | 160.01 | 4.18 | 38.26 | 0.11 |
|  | 4 | 1,274 | 5,189 | 210,710 | 21,240 | 222,191 | 5 | 9,159,998 | 750,459 | 0.14 | 165.39 | 4.07 | 40.61 | 0.23 |
|  | 5 | 1,174 | 4,766 | 197,966 | 20,241 | 209,525 | 5 | 9,261,775 | 775,830 | 0.13 | 168.63 | 4.06 | 41.54 | 0.24 |
|  | 6 | 1,056 | 4,567 | 174,308 | 17,680 | 184,846 | 4 | 9,265,021 | 750,908 | 0.11 | 165.06 | 4.32 | 38.17 | 0.22 |
|  | 7 | 961 | 3,893 | 162,939 | 16,518 | 171,891 | 3 | 9,196,513 | 770,488 | 0.10 | 169.55 | 4.05 | 41.85 | 0.17 |
|  | 8 | 1,009 | 4,341 | 167,314 | 17,076 | 177,034 | 2 | 9,211,553 | 771,621 | 0.11 | 165.82 | 4.30 | 38.54 | 0.11 |
|  | 9 | 907 | 3,733 | 143,368 | 13,883 | 151,723 | 2 | 9,286,228 | 747,368 | 0.10 | 158.07 | 4.12 | 38.41 | 0.13 |
|  | 10 | 984 | 3,872 | 152,779 | 15,732 | 161,987 | 1 | 9,282,865 | 778,065 | 0.11 | 155.26 | 3.93 | 39.46 | 0.06 |
|  | 11 | 863 | 3,480 | 130,724 | 13,424 | 138,646 | 3 | 9,307,701 | 754,002 | 0.09 | 151.48 | 4.03 | 37.56 | 0.22 |
|  | 12 | 868 | 3,267 | 123,456 | 12,823 | 131,152 | 2 | 9,344,749 | 782,444 | 0.09 | 142.23 | 3.76 | 37.79 | 0.15 |
| 2013 | 1 | 794 | 3,056 | 115,024 | 11,505 | 122,082 | 0 | 8,657,737 | 725,975 | 0.09 | 144.87 | 3.85 | 37.64 | 0.00 |
|  | 2 | 712 | 2,830 | 105,761 | 11,624 | 112,517 | 0 | 8,549,338 | 653,808 | 0.08 | 148.54 | 3.97 | 37.37 | 0.00 |
|  | 3 | 661 | 2,311 | 88,444 | 9,227 | 94,918 | 0 | 8,547,214 | 723,364 | 0.08 | 133.80 | 3.50 | 38.27 | 0.00 |
|  | 4 | 870 | 3,154 | 123,151 | 12,535 | 130,553 | 2 | 9,280,817 | 760,453 | 0.09 | 141.55 | 3.63 | 39.05 | 0.15 |
|  | 5 | 789 | 2,583 | 99,063 | 9,579 | 105,693 | 0 | 9,376,976 | 786,081 | 0.08 | 125.56 | 3.27 | 38.35 | 0.00 |
|  | 6 | 730 | 2,521 | 94,407 | 10,074 | 101,008 | 1 | 9,386,464 | 760,531 | 0.08 | 129.32 | 3.45 | 37.45 | 0.10 |
|  | 7 | 747 | 2,322 | 90,194 | 8,535 | 95,679 | 2 | 9,353,530 | 783,990 | 0.08 | 120.74 | 3.11 | 38.84 | 0.21 |
|  | 8 | 706 | 2,090 | 76,300 | 7,849 | 81,117 | 0 | 9,361,488 | 784,719 | 0.08 | 108.07 | 2.96 | 36.51 | 0.00 |
|  | 9 | 629 | 1,707 | 63,156 | 6,338 | 66,748 | 1 | 9,519,107 | 760,041 | 0.07 | 100.41 | 2.71 | 37.00 | 0.15 |
|  | 10 | 760 | 2,019 | 72,317 | 7,914 | 76,765 | 1 | 9,513,258 | 797,709 | 0.08 | 95.15 | 2.66 | 35.82 | 0.13 |
|  | 11 | 641 | 1,449 | 50,133 | 5,554 | 53,137 | 0 | 9,529,339 | 772,556 | 0.07 | 78.21 | 2.26 | 34.60 | 0.00 |
|  | 12 | 572 | 1,239 | 41,457 | 4,735 | 43,907 | 0 | 9,538,325 | 798,142 | 0.06 | 72.48 | 2.17 | 33.46 | 0.00 |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 211 | 7,529 | 1,039 | 7,914 | 0 | 152,357 | 11,886 | 0.05 | 1075.57 | 30.14 | 35.68 | 0.00 |
|  | 2 | 8 | 230 | 8,391 | 1,196 | 9,086 | 0 | 141,657 | 10,749 | 0.06 | 1048.88 | 28.75 | 36.48 | 0.00 |
|  | 3 | 6 | 236 | 7,743 | 1,109 | 7,939 | 0 | 142,837 | 11,950 | 0.04 | 1290.50 | 39.33 | 32.81 | 0.00 |
|  | 4 | 537 | 15,288 | 619,721 | 99,471 | 653,206 | 7 | 3,007,508 | 244,000 | 0.18 | 1154.04 | 28.47 | 40.54 | 0.11 |
|  | 5 | 537 | 15,222 | 589,073 | 104,394 | 621,957 | 3 | 3,064,802 | 253,901 | 0.18 | 1096.97 | 28.35 | 38.70 | 0.05 |
|  | 6 | 514 | 14,692 | 570,846 | 93,092 | 605,752 | 1 | 3,084,277 | 246,919 | 0.17 | 1110.60 | 28.58 | 38.85 | 0.02 |
|  | 7 | 405 | 11,731 | 454,447 | 73,708 | 481,576 | 1 | 3,105,950 | 256,199 | 0.13 | 1122.09 | 28.97 | 38.74 | 0.02 |




Mini-Sentinel

Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | pplied | Amount Supplied | D | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6 | 41 | 762 | 28,556 | 2,914 | 30,473 | 0 | 1,463,343 | 117,049 | 0.03 | 696.49 | 18.59 | 37.48 | 0.00 |
| 2013 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1,441,691 | 3,947 | 0.00 | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 1 | 68 | 1,904 | 272 | 1,932 | 0 | 109,155 | 8,829 | 0.01 | 1904.00 | 68.00 | 28.00 | 0.00 |
|  | 2 | 2 | 77 | 2,998 | 428 | 3,221 | 0 | 105,112 | 7,996 | 0.02 | 1499.00 | 38.50 | 38.94 | 0.00 |
|  | 3 | 3 | 143 | 5,145 | 738 | 5,245 | 0 | 105,961 | 8,907 | 0.03 | 1715.00 | 47.67 | 35.98 | 0.00 |
|  | 4 | 113 | 4,860 | 214,722 | 33,793 | 223,173 | 3 | 2,009,681 | 162,911 | 0.06 | 1900.19 | 43.01 | 44.18 | 0.13 |
|  | 5 | 93 | 4,347 | 176,712 | 29,314 | 183,307 | 1 | 2,042,365 | 169,868 | 0.05 | 1900.13 | 46.74 | 40.65 | 0.05 |
|  | 6 | 110 | 4,836 | 195,995 | 31,621 | 205,726 | 1 | 2,059,214 | 165,103 | 0.05 | 1781.77 | 43.96 | 40.53 | 0.05 |
|  | 7 | 83 | 3,864 | 151,904 | 21,307 | 158,852 | 0 | 2,072,787 | 170,963 | 0.04 | 1830.17 | 46.55 | 39.31 | 0.00 |
|  | 8 | 89 | 3,939 | 155,038 | 23,456 | 162,186 | 0 | 2,082,160 | 172,264 | 0.04 | 1742.00 | 44.26 | 39.36 | 0.00 |
|  | 9 | 69 | 2,961 | 120,560 | 17,481 | 127,334 | 1 | 2,100,072 | 168,331 | 0.03 | 1747.25 | 42.91 | 40.72 | 0.08 |
|  | 10 | 82 | 3,687 | 143,517 | 20,658 | 147,620 | 1 | 2,101,557 | 174,927 | 0.04 | 1750.21 | 44.96 | 38.93 | 0.07 |
|  | 11 | 89 | 3,917 | 162,109 | 27,832 | 168,991 | 1 | 2,100,287 | 169,603 | 0.04 | 1821.45 | 44.01 | 41.39 | 0.06 |
|  | 12 | 77 | 3,141 | 137,907 | 22,217 | 143,128 | 0 | 2,108,998 | 175,935 | 0.04 | 1791.00 | 40.79 | 43.91 | 0.00 |
| 2007 | 1 | 74 | 3,419 | 132,035 | 23,862 | 138,297 | 2 | 2,113,794 | 168,418 | 0.04 | 1784.26 | 46.20 | 38.62 | 0.14 |
|  | 2 | 60 | 2,696 | 107,374 | 16,404 | 111,747 | 0 | 2,004,049 | 152,010 | 0.03 | 1789.57 | 44.93 | 39.83 | 0.00 |
|  | 3 | 69 | 3,145 | 120,453 | 16,057 | 126,562 | 0 | 2,005,944 | 168,330 | 0.03 | 1745.70 | 45.58 | 38.30 | 0.00 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Month 3 | 31 | $1,246$ | $45,154$ | $3,142$ | $47,377$ | $0$ | $2,483,004$ | $207,663$ | $0.01$ | $1456.58$ | $40.19$ | $36.24$ | $0.00$ |
|  | 4 | 37 | 1,191 | 52,504 | 3,506 | 55,301 | 0 | 2,619,992 | 211,608 | 0.01 | 1419.03 | 32.19 | 44.08 | 0.00 |
|  | 5 | 11 | 370 | 15,469 | 1,275 | 16,372 | 0 | 2,596,465 | 80,440 | 0.00 | 1406.27 | 33.64 | 41.81 | 0.00 |
|  | 6 | 17 | 552 | 24,359 | 1,942 | 25,114 | 0 | 914,099 | 73,344 | 0.02 | 1432.88 | 32.47 | 44.13 | 0.00 |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 902,522 | 2,471 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2011 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | - |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | -- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

# Mini-Sentinel 

Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 192 | 1,028 | 33,584 | 5,457 | 36,624 | 0 | 237,285 | 19,847 | 0.81 | 174.92 | 5.35 | 32.67 | 0.00 |
|  | 2 | 158 | 809 | 28,050 | 4,120 | 30,890 | 1 | 236,191 | 18,014 | 0.67 | 177.53 | 5.12 | 34.67 | 0.32 |
|  | 3 | 148 | 743 | 25,204 | 4,096 | 27,169 | 0 | 238,721 | 20,099 | 0.62 | 170.30 | 5.02 | 33.92 | 0.00 |
|  | 4 | 4,470 | 30,298 | 1,205,859 | 205,159 | 1,284,566 | 31 | 4,466,534 | 365,060 | 1.00 | 269.77 | 6.78 | 39.80 | 0.24 |
|  | 5 | 4,593 | 30,988 | 1,165,912 | 209,648 | 1,247,127 | 29 | 4,546,016 | 379,038 | 1.01 | 253.85 | 6.75 | 37.62 | 0.23 |
|  | 6 | 4,372 | 30,088 | 1,138,102 | 191,203 | 1,221,956 | 29 | 4,556,067 | 366,926 | 0.96 | 260.32 | 6.88 | 37.83 | 0.24 |
|  | 7 | 3,574 | 23,504 | 902,511 | 151,971 | 968,026 | 19 | 4,560,815 | 379,804 | 0.78 | 252.52 | 6.58 | 38.40 | 0.20 |
|  | 8 | 3,738 | 24,357 | 921,089 | 155,631 | 993,562 | 14 | 4,603,696 | 382,644 | 0.81 | 246.41 | 6.52 | 37.82 | 0.14 |
|  | 9 | 3,279 | 21,910 | 827,241 | 134,560 | 892,972 | 15 | 4,642,554 | 373,575 | 0.71 | 252.28 | 6.68 | 37.76 | 0.17 |
|  | 10 | 3,353 | 23,234 | 864,762 | 144,932 | 926,091 | 14 | 4,650,405 | 389,102 | 0.72 | 257.91 | 6.93 | 37.22 | 0.15 |
|  | 11 | 2,957 | 20,903 | 779,970 | 130,713 | 834,609 | 17 | 4,667,011 | 377,606 | 0.63 | 263.77 | 7.07 | 37.31 | 0.20 |
|  | 12 | 2,725 | 18,675 | 703,541 | 121,267 | 752,140 | 19 | 4,695,231 | 392,515 | 0.58 | 258.18 | 6.85 | 37.67 | 0.25 |
| 2007 | 1 | 2,936 | 21,498 | 790,740 | 130,325 | 848,662 | 22 | 4,472,235 | 373,957 | 0.66 | 269.33 | 7.32 | 36.78 | 0.26 |
|  | 2 | 2,476 | 17,639 | 663,243 | 109,459 | 707,824 | 17 | 4,422,775 | 337,588 | 0.56 | 267.87 | 7.12 | 37.60 | 0.24 |
|  | 3 | 2,459 | 17,951 | 665,245 | 107,932 | 708,460 | 19 | 4,430,365 | 374,155 | 0.56 | 270.53 | 7.30 | 37.06 | 0.27 |
|  | 4 | 2,314 | 15,521 | 586,308 | 97,961 | 632,116 | 9 | 4,680,074 | 382,667 | 0.49 | 253.37 | 6.71 | 37.78 | 0.14 |
|  | 5 | 2,394 | 17,244 | 636,485 | 107,288 | 679,208 | 12 | 4,748,370 | 397,135 | 0.50 | 265.87 | 7.20 | 36.91 | 0.18 |
|  | 6 | 2,177 | 14,904 | 549,763 | 86,317 | 588,970 | 10 | 4,774,479 | 385,068 | 0.46 | 252.53 | 6.85 | 36.89 | 0.17 |
|  | 7 | 2,081 | 14,253 | 528,487 | 80,824 | 567,653 | 7 | 4,742,843 | 396,570 | 0.44 | 253.96 | 6.85 | 37.08 | 0.12 |
|  | 8 | 2,327 | 15,255 | 564,363 | 83,575 | 605,368 | 19 | 6,279,325 | 406,073 | 0.37 | 242.53 | 6.56 | 37.00 | 0.31 |
|  | 9 | 3,964 | 21,834 | 794,842 | 124,097 | 858,610 | 25 | 6,325,916 | 509,544 | 0.63 | 200.52 | 5.51 | 36.40 | 0.29 |
|  | 10 | 4,278 | 24,494 | 874,852 | 131,850 | 938,550 | 25 | 6,328,356 | 529,889 | 0.68 | 204.50 | 5.73 | 35.72 | 0.27 |
|  | 11 | 3,694 | 21,601 | 781,126 | 114,298 | 839,712 | 19 | 6,352,161 | 513,919 | 0.58 | 211.46 | 5.85 | 36.16 | 0.23 |
|  | 12 | 3,190 | 16,645 | 598,860 | 90,766 | 647,820 | 19 | 6,386,030 | 533,884 | 0.50 | 187.73 | 5.22 | 35.98 | 0.29 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2008 | 1 | 4,033 | 23,382 | 846,133 | 126,167 | 909,517 | 29 | 6,113,734 | 511,354 | 0.66 | 209.80 | 5.80 | 36.19 | 0.32 |
|  | 2 | 3,144 | 18,414 | 665,430 | 97,841 | 715,140 | 19 | 6,099,491 | 478,486 | 0.52 | 211.65 | 5.86 | 36.14 | 0.27 |
|  | 3 | 3,131 | 17,202 | 656,524 | 94,520 | 701,086 | 15 | 9,616,629 | 520,292 | 0.33 | 209.69 | 5.49 | 38.17 | 0.21 |
|  | 4 | 6,409 | 33,230 | 1,453,490 | 212,458 | 1,548,596 | 31 | 9,488,214 | 776,485 | 0.68 | 226.79 | 5.18 | 43.74 | 0.20 |
|  | 5 | 5,841 | 29,748 | 1,220,283 | 172,103 | 1,305,369 | 20 | 9,655,936 | 805,189 | 0.60 | 208.92 | 5.09 | 41.02 | 0.15 |
|  | 6 | 5,694 | 28,962 | 1,195,001 | 155,369 | 1,277,308 | 23 | 9,699,212 | 780,582 | 0.59 | 209.87 | 5.09 | 41.26 | 0.18 |
|  | 7 | 5,646 | 27,807 | 1,135,860 | 139,190 | 1,211,041 | 40 | 9,697,368 | 808,711 | 0.58 | 201.18 | 4.93 | 40.85 | 0.33 |
|  | 8 | 5,377 | 27,310 | 1,086,440 | 119,398 | 1,161,322 | 26 | 9,727,004 | 812,877 | 0.55 | 202.05 | 5.08 | 39.78 | 0.22 |
|  | 9 | 5,105 | 25,520 | 1,038,015 | 107,042 | 1,108,223 | 23 | 9,809,419 | 788,469 | 0.52 | 203.33 | 5.00 | 40.67 | 0.21 |
|  | 10 | 5,530 | 27,568 | 1,111,139 | 111,428 | 1,183,808 | 25 | 9,819,265 | 821,261 | 0.56 | 200.93 | 4.99 | 40.31 | 0.21 |
|  | 11 | 4,623 | 22,713 | 907,131 | 87,687 | 967,252 | 26 | 9,840,680 | 795,944 | 0.47 | 196.22 | 4.91 | 39.94 | 0.27 |
|  | 12 | 4,703 | 22,485 | 893,761 | 83,396 | 952,928 | 18 | 9,895,495 | 826,024 | 0.48 | 190.04 | 4.78 | 39.75 | 0.19 |
| 2009 | 1 | 4,156 | 23,755 | 959,317 | 90,673 | 1,022,303 | 15 | 9,124,077 | 763,191 | 0.46 | 230.83 | 5.72 | 40.38 | 0.15 |
|  | 2 | 3,521 | 19,136 | 764,332 | 69,356 | 813,557 | 14 | 8,989,247 | 686,836 | 0.39 | 217.08 | 5.43 | 39.94 | 0.17 |
|  | 3 | 3,536 | 18,752 | 753,318 | 66,876 | 799,665 | 13 | 8,954,768 | 757,345 | 0.39 | 213.04 | 5.30 | 40.17 | 0.16 |
|  | 4 | 3,895 | 20,208 | 844,519 | 74,440 | 895,309 | 17 | 9,581,837 | 784,510 | 0.41 | 216.82 | 5.19 | 41.79 | 0.19 |
|  | 5 | 3,498 | 18,583 | 744,801 | 65,463 | 795,239 | 15 | 9,728,107 | 812,215 | 0.36 | 212.92 | 5.31 | 40.08 | 0.19 |
|  | 6 | 3,695 | 19,184 | 774,204 | 64,266 | 822,381 | 12 | 9,772,947 | 788,440 | 0.38 | 209.53 | 5.19 | 40.36 | 0.15 |
|  | 7 | 3,905 | 22,020 | 866,693 | 72,107 | 919,456 | 16 | 9,728,291 | 814,222 | 0.40 | 221.94 | 5.64 | 39.36 | 0.17 |
|  | 8 | 3,644 | 19,827 | 778,576 | 57,673 | 829,773 | 10 | 9,737,664 | 815,368 | 0.37 | 213.66 | 5.44 | 39.27 | 0.12 |
|  | 9 | 3,560 | 18,966 | 740,089 | 58,754 | 789,123 | 10 | 9,792,616 | 789,297 | 0.36 | 207.89 | 5.33 | 39.02 | 0.13 |
|  | 10 | 3,583 | 18,981 | 742,087 | 54,475 | 790,934 | 15 | 9,770,269 | 818,530 | 0.37 | 207.11 | 5.30 | 39.10 | 0.19 |
|  | 11 | 3,195 | 15,431 | 603,043 | 44,371 | 643,022 | 15 | 9,781,954 | 792,897 | 0.33 | 188.75 | 4.83 | 39.08 | 0.23 |
|  | 12 | 3,199 | 15,343 | 596,264 | 44,575 | 635,144 | 14 | 9,821,978 | 821,494 | 0.33 | 186.39 | 4.80 | 38.86 | 0.22 |
| 2010 | 1 | 3,035 | 16,661 | 657,278 | 48,217 | 699,194 | 8 | 8,890,257 | 745,561 | 0.34 | 216.57 | 5.49 | 39.45 | 0.11 |
|  | 2 | 2,558 | 13,115 | 521,406 | 38,880 | 554,809 | 3 | 8,770,973 | 670,240 | 0.29 | 203.83 | 5.13 | 39.76 | 0.05 |
|  | 3 | 2,664 | 13,463 | 550,261 | 40,025 | 584,553 | 9 | 8,736,409 | 739,088 | 0.30 | 206.55 | 5.05 | 40.87 | 0.15 |
|  | 4 | 2,953 | 14,501 | 586,475 | 43,845 | 622,485 | 18 | 9,451,719 | 774,003 | 0.31 | 198.60 | 4.91 | 40.44 | 0.29 |
|  | 5 | 2,519 | 13,040 | 505,267 | 39,200 | 539,799 | 11 | 9,550,776 | 798,468 | 0.26 | 200.58 | 5.18 | 38.75 | 0.20 |
|  | 6 | 2,515 | 11,504 | 475,143 | 37,298 | 503,152 | 8 | 9,583,843 | 773,595 | 0.26 | 188.92 | 4.57 | 41.30 | 0.16 |
|  | 7 | 2,449 | 11,884 | 463,409 | 34,589 | 493,030 | 11 | 9,517,100 | 797,304 | 0.26 | 189.22 | 4.85 | 38.99 | 0.22 |
|  | 8 | 2,392 | 11,348 | 444,646 | 31,606 | 473,805 | 12 | 9,507,957 | 796,436 | 0.25 | 185.89 | 4.74 | 39.18 | 0.25 |
|  | 9 | 2,111 | 9,258 | 358,338 | 27,781 | 379,365 | 3 | 9,546,619 | 770,314 | 0.22 | 169.75 | 4.39 | 38.71 | 0.08 |
|  | 10 | 2,165 | 9,723 | 380,843 | 29,388 | 401,974 | 6 | 9,512,061 | 797,391 | 0.23 | 175.91 | 4.49 | 39.17 | 0.15 |
|  | 11 | 1,853 | 8,185 | 328,860 | 25,067 | 348,492 | 7 | 9,524,207 | 771,845 | 0.19 | 177.47 | 4.42 | 40.18 | 0.20 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 1,934 | 8,536 | 327,335 | 23,746 | 347,969 | 2 | 9,561,269 | 800,276 | 0.20 | 169.25 | 4.41 | 38.35 | 0.06 |
| 2011 | 1 | 1,864 | 9,791 | 380,812 | 30,093 | 402,501 | 9 | 8,642,851 | 724,488 | 0.22 | 204.30 | 5.25 | 38.89 | 0.22 |
|  | 2 | 1,539 | 7,723 | 300,495 | 26,053 | 319,300 | 6 | 8,536,772 | 652,699 | 0.18 | 195.25 | 5.02 | 38.91 | 0.19 |
|  | 3 | 1,741 | 8,783 | 340,849 | 30,943 | 360,790 | 7 | 8,538,218 | 722,377 | 0.20 | 195.78 | 5.04 | 38.81 | 0.19 |
|  | 4 | 1,740 | 8,425 | 340,535 | 31,992 | 359,310 | 13 | 9,224,056 | 755,473 | 0.19 | 195.71 | 4.84 | 40.42 | 0.36 |
|  | 5 | 1,684 | 7,666 | 298,787 | 28,320 | 316,702 | 9 | 9,323,612 | 781,149 | 0.18 | 177.43 | 4.55 | 38.98 | 0.28 |
|  | 6 | 1,694 | 7,948 | 324,134 | 30,361 | 343,746 | 5 | 9,330,555 | 755,870 | 0.18 | 191.34 | 4.69 | 40.78 | 0.15 |
|  | 7 | 1,472 | 6,639 | 268,400 | 24,941 | 284,746 | 6 | 9,254,432 | 775,175 | 0.16 | 182.34 | 4.51 | 40.43 | 0.21 |
|  | 8 | 1,499 | 6,491 | 260,006 | 25,830 | 273,562 | 8 | 9,266,094 | 775,759 | 0.16 | 173.45 | 4.33 | 40.06 | 0.29 |
|  | 9 | 1,509 | 6,669 | 267,189 | 27,448 | 283,253 | 4 | 9,327,582 | 751,532 | 0.16 | 177.06 | 4.42 | 40.06 | 0.14 |
|  | 10 | 1,530 | 6,876 | 263,695 | 26,627 | 278,871 | 4 | 9,322,688 | 780,908 | 0.16 | 172.35 | 4.49 | 38.35 | 0.14 |
|  | 11 | 1,512 | 7,235 | 282,172 | 30,049 | 297,136 | 9 | 9,351,492 | 757,301 | 0.16 | 186.62 | 4.79 | 39.00 | 0.30 |
|  | 12 | 1,423 | 5,839 | 219,820 | 22,886 | 233,027 | 5 | 9,401,782 | 785,828 | 0.15 | 154.48 | 4.10 | 37.65 | 0.21 |
| 2012 | 1 | 1,265 | 5,775 | 226,914 | 23,086 | 241,412 | 4 | 8,560,509 | 717,297 | 0.15 | 179.38 | 4.57 | 39.29 | 0.17 |
|  | 2 | 1,222 | 5,553 | 209,554 | 21,019 | 222,512 | 5 | 8,553,131 | 670,852 | 0.14 | 171.48 | 4.54 | 37.74 | 0.22 |
|  | 3 | 1,109 | 4,631 | 177,621 | 17,389 | 188,051 | 3 | 9,264,333 | 717,995 | 0.12 | 160.16 | 4.18 | 38.35 | 0.16 |
|  | 4 | 1,264 | 5,170 | 209,886 | 21,119 | 221,152 | 5 | 9,154,063 | 749,857 | 0.14 | 166.05 | 4.09 | 40.60 | 0.23 |
|  | 5 | 1,167 | 4,747 | 197,454 | 20,176 | 208,578 | 6 | 9,255,895 | 775,208 | 0.13 | 169.20 | 4.07 | 41.60 | 0.29 |
|  | 6 | 1,045 | 4,527 | 172,970 | 17,505 | 183,525 | 5 | 9,259,074 | 750,309 | 0.11 | 165.52 | 4.33 | 38.21 | 0.27 |
|  | 7 | 953 | 3,873 | 162,219 | 16,372 | 170,911 | 5 | 9,190,855 | 769,884 | 0.10 | 170.22 | 4.06 | 41.88 | 0.29 |
|  | 8 | 1,002 | 4,323 | 166,586 | 17,026 | 175,605 | 6 | 9,206,154 | 771,037 | 0.11 | 166.25 | 4.31 | 38.53 | 0.34 |
|  | 9 | 905 | 3,735 | 143,172 | 13,844 | 150,783 | 7 | 9,280,604 | 746,801 | 0.10 | 158.20 | 4.13 | 38.33 | 0.46 |
|  | 10 | 975 | 3,827 | 151,052 | 15,564 | 159,605 | 7 | 9,277,452 | 777,475 | 0.11 | 154.93 | 3.93 | 39.47 | 0.44 |
|  | 11 | 862 | 3,483 | 131,129 | 13,434 | 138,440 | 4 | 9,302,174 | 753,435 | 0.09 | 152.12 | 4.04 | 37.65 | 0.29 |
|  | 12 | 865 | 3,267 | 123,568 | 12,826 | 131,447 | 3 | 9,339,332 | 781,858 | 0.09 | 142.85 | 3.78 | 37.82 | 0.23 |
| 2013 | 1 | 792 | 3,040 | 114,684 | 11,268 | 121,712 | 1 | 8,652,834 | 725,444 | 0.09 | 144.80 | 3.84 | 37.73 | 0.08 |
|  | 2 | 709 | 2,812 | 105,200 | 11,612 | 111,331 | 4 | 8,544,287 | 653,328 | 0.08 | 148.38 | 3.97 | 37.41 | 0.36 |
|  | 3 | 663 | 2,317 | 88,895 | 9,262 | 95,360 | 0 | 8,542,172 | 722,833 | 0.08 | 134.08 | 3.49 | 38.37 | 0.00 |
|  | 4 | 869 | 3,146 | 122,758 | 12,486 | 130,090 | 2 | 9,275,395 | 759,889 | 0.09 | 141.26 | 3.62 | 39.02 | 0.15 |
|  | 5 | 787 | 2,578 | 98,769 | 9,569 | 105,353 | 1 | 9,371,600 | 785,504 | 0.08 | 125.50 | 3.28 | 38.31 | 0.09 |
|  | 6 | 731 | 2,519 | 94,372 | 10,053 | 100,639 | 3 | 9,381,020 | 759,976 | 0.08 | 129.10 | 3.45 | 37.46 | 0.30 |
|  | 7 | 745 | 2,326 | 90,426 | 8,521 | 95,591 | 3 | 9,348,048 | 783,409 | 0.08 | 121.38 | 3.12 | 38.88 | 0.31 |
|  | 8 | 705 | 2,092 | 76,348 | 7,831 | 81,142 | 1 | 9,355,975 | 784,134 | 0.08 | 108.30 | 2.97 | 36.50 | 0.12 |
|  | 9 | 623 | 1,687 | 62,399 | 6,254 | 66,307 | 0 | 9,513,658 | 759,475 | 0.07 | 100.16 | 2.71 | 36.99 | 0.00 |
|  | 10 | 758 | 2,009 | 71,813 | 7,881 | 76,116 | 3 | 9,507,866 | 797,123 | 0.08 | 94.74 | 2.65 | 35.75 | 0.39 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 640 | 1,450 | 50,136 | 5,561 | 53,142 | 0 | 9,523,745 | 771,986 | 0.07 | 78.34 | 2.27 | 34.58 | 0.00 |
|  | 12 | 571 | 1,240 | 41,437 | 4,734 | 43,934 | 0 | 9,532,802 | 797,538 | 0.06 | 72.57 | 2.17 | 33.42 | 0.00 |
| Risedronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 211 | 7,529 | 1,039 | 7,914 | 0 | 152,329 | 11,883 | 0.05 | 1075.57 | 30.14 | 35.68 | 0.00 |
|  | 2 | 8 | 230 | 8,391 | 1,196 | 9,086 | 0 | 141,614 | 10,746 | 0.06 | 1048.88 | 28.75 | 36.48 | 0.00 |
|  | 3 | 6 | 236 | 7,743 | 1,109 | 7,939 | 0 | 142,817 | 11,948 | 0.04 | 1290.50 | 39.33 | 32.81 | 0.00 |
|  | 4 | 536 | 15,243 | 618,461 | 99,291 | 645,781 | 15 | 3,005,935 | 243,847 | 0.18 | 1153.85 | 28.44 | 40.57 | 0.23 |
|  | 5 | 536 | 15,210 | 588,121 | 104,258 | 619,487 | 7 | 3,063,250 | 253,742 | 0.17 | 1097.24 | 28.38 | 38.67 | 0.11 |
|  | 6 | 514 | 14,720 | 571,642 | 93,206 | 603,274 | 5 | 3,082,730 | 246,766 | 0.17 | 1112.14 | 28.64 | 38.83 | 0.08 |
|  | 7 | 401 | 11,570 | 448,359 | 72,841 | 473,165 | 4 | 3,104,389 | 256,041 | 0.13 | 1118.10 | 28.85 | 38.75 | 0.08 |
|  | 8 | 444 | 12,309 | 472,187 | 80,625 | 501,553 | 3 | 3,122,184 | 258,185 | 0.14 | 1063.48 | 27.72 | 38.36 | 0.06 |
|  | 9 | 399 | 10,761 | 412,243 | 66,648 | 439,411 | 5 | 3,151,610 | 252,416 | 0.13 | 1033.19 | 26.97 | 38.31 | 0.11 |
|  | 10 | 446 | 12,350 | 472,315 | 75,853 | 496,220 | 7 | 3,158,793 | 262,875 | 0.14 | 1059.00 | 27.69 | 38.24 | 0.14 |
|  | 11 | 401 | 11,622 | 444,917 | 73,631 | 467,714 | 6 | 3,165,814 | 255,020 | 0.13 | 1109.52 | 28.98 | 38.28 | 0.13 |
|  | 12 | 363 | 9,784 | 388,942 | 63,624 | 406,498 | 7 | 3,179,339 | 264,549 | 0.11 | 1071.47 | 26.95 | 39.75 | 0.17 |
| 2007 | 1 | 370 | 10,488 | 394,810 | 65,054 | 418,949 | 7 | 3,186,018 | 248,651 | 0.12 | 1067.05 | 28.35 | 37.64 | 0.17 |
|  | 2 | 313 | 8,516 | 336,296 | 52,003 | 355,283 | 4 | 2,955,832 | 223,291 | 0.11 | 1074.43 | 27.21 | 39.49 | 0.11 |
|  | 3 | 299 | 8,469 | 334,147 | 52,812 | 352,390 | 4 | 2,947,630 | 246,470 | 0.10 | 1117.55 | 28.32 | 39.46 | 0.11 |
|  | 4 | 266 | 7,098 | 282,854 | 42,428 | 303,381 | 1 | 3,093,332 | 250,047 | 0.09 | 1063.36 | 26.68 | 39.85 | 0.03 |
|  | 5 | 306 | 9,030 | 334,783 | 58,033 | 350,918 | 6 | 3,118,156 | 259,028 | 0.10 | 1094.06 | 29.51 | 37.07 | 0.17 |
|  | 6 | 237 | 7,321 | 278,951 | 40,260 | 293,505 | 2 | 3,129,133 | 251,050 | 0.08 | 1177.01 | 30.89 | 38.10 | 0.07 |
|  | 7 | 239 | 6,814 | 263,434 | 38,373 | 276,789 | 3 | 3,135,834 | 259,352 | 0.08 | 1102.23 | 28.51 | 38.66 | 0.11 |
|  | 8 | 275 | 7,993 | 308,104 | 43,331 | 326,510 | 3 | 4,076,914 | 265,073 | 0.07 | 1120.38 | 29.07 | 38.55 | 0.09 |
|  | 9 | 289 | 7,645 | 301,228 | 46,271 | 319,571 | 3 | 4,109,163 | 329,807 | 0.07 | 1042.31 | 26.45 | 39.40 | 0.09 |
|  | 10 | 323 | 9,481 | 361,978 | 50,548 | 378,525 | 9 | 4,113,636 | 342,003 | 0.08 | 1120.67 | 29.35 | 38.18 | 0.24 |
|  | 11 | 307 | 8,458 | 343,317 | 47,376 | 364,256 | 2 | 4,115,022 | 331,276 | 0.07 | 1118.30 | 27.55 | 40.59 | 0.05 |
|  | 12 | 211 | 5,581 | 216,727 | 31,077 | 231,568 | 4 | 4,128,407 | 343,904 | 0.05 | 1027.14 | 26.45 | 38.83 | 0.17 |
| 2008 | 1 | 315 | 8,671 | 333,948 | 43,959 | 353,268 | 7 | 4,138,925 | 324,219 | 0.08 | 1060.15 | 27.53 | 38.51 | 0.20 |
|  | 2 | 270 | 7,362 | 284,596 | 38,766 | 301,561 | 8 | 3,874,269 | 301,606 | 0.07 | 1054.06 | 27.27 | 38.66 | 0.27 |
|  | 3 | 282 | 7,658 | 311,147 | 38,957 | 325,687 | 5 | 5,757,273 | 326,596 | 0.05 | 1103.36 | 27.16 | 40.63 | 0.15 |
|  | 4 | 569 | 12,945 | 613,662 | 81,446 | 645,260 | 6 | 5,733,299 | 462,804 | 0.10 | 1078.49 | 22.75 | 47.41 | 0.09 |
|  | 5 | 447 | 10,735 | 472,469 | 58,544 | 496,183 | 5 | 5,793,727 | 478,516 | 0.08 | 1056.98 | 24.02 | 44.01 | 0.10 |
|  | 6 | 494 | 12,113 | 522,603 | 61,397 | 550,055 | 6 | 5,810,970 | 464,610 | 0.09 | 1057.90 | 24.52 | 43.14 | 0.11 |
|  | 7 | 422 | 10,047 | 435,085 | 50,884 | 457,679 | 4 | 5,836,474 | 480,501 | 0.07 | 1031.01 | 23.81 | 43.30 | 0.09 |
|  | 8 | 447 | 10,926 | 453,360 | 45,156 | 477,178 | 4 | 5,814,992 | 482,051 | 0.08 | 1014.23 | 24.44 | 41.49 | 0.08 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 454 | 11,016 | 464,707 | 46,782 | 493,376 | 3 | 5,854,650 | 467,454 | 0.08 | 1023.58 | 24.26 | 42.18 | 0.06 |
|  | 10 | 468 | 11,428 | 480,046 | 48,705 | 504,052 | 11 | 5,857,888 | 485,384 | 0.08 | 1025.74 | 24.42 | 42.01 | 0.22 |
|  | 11 | 399 | 9,355 | 402,193 | 37,463 | 423,834 | 2 | 5,850,545 | 470,649 | 0.07 | 1008.00 | 23.45 | 42.99 | 0.05 |
|  | 12 | 401 | 9,411 | 396,044 | 35,058 | 417,966 | 6 | 5,873,725 | 488,419 | 0.07 | 987.64 | 23.47 | 42.08 | 0.14 |
| 2009 | 1 | 433 | 10,963 | 450,076 | 43,567 | 477,505 | 4 | 5,882,393 | 448,084 | 0.07 | 1039.44 | 25.32 | 41.05 | 0.08 |
|  | 2 | 340 | 8,460 | 344,604 | 32,030 | 363,402 | 6 | 5,328,910 | 403,046 | 0.06 | 1013.54 | 24.88 | 40.73 | 0.17 |
|  | 3 | 335 | 8,327 | 334,372 | 29,620 | 349,589 | 5 | 5,322,505 | 446,183 | 0.06 | 998.13 | 24.86 | 40.16 | 0.14 |
|  | 4 | 349 | 8,050 | 360,093 | 31,284 | 377,929 | 5 | 5,678,740 | 460,212 | 0.06 | 1031.79 | 23.07 | 44.73 | 0.13 |
|  | 5 | 340 | 8,554 | 360,364 | 33,924 | 381,769 | 1 | 5,743,996 | 476,852 | 0.06 | 1059.89 | 25.16 | 42.13 | 0.03 |
|  | 6 | 347 | 8,578 | 359,854 | 28,674 | 377,844 | 5 | 5,778,943 | 463,125 | 0.06 | 1037.04 | 24.72 | 41.95 | 0.13 |
|  | 7 | 391 | 9,739 | 391,324 | 32,056 | 410,089 | 5 | 5,785,586 | 477,190 | 0.07 | 1000.83 | 24.91 | 40.18 | 0.12 |
|  | 8 | 355 | 8,879 | 362,198 | 28,969 | 381,130 | 1 | 5,742,286 | 477,585 | 0.06 | 1020.28 | 25.01 | 40.79 | 0.03 |
|  | 9 | 337 | 8,184 | 334,270 | 26,675 | 352,630 | 5 | 5,781,050 | 462,529 | 0.06 | 991.90 | 24.28 | 40.84 | 0.14 |
|  | 10 | 345 | 8,411 | 341,596 | 24,714 | 361,516 | 1 | 5,781,136 | 480,474 | 0.06 | 990.13 | 24.38 | 40.61 | 0.03 |
|  | 11 | 279 | 6,636 | 271,778 | 19,204 | 286,969 | 2 | 5,777,724 | 465,791 | 0.05 | 974.11 | 23.78 | 40.96 | 0.07 |
|  | 12 | 285 | 7,260 | 284,680 | 19,705 | 298,916 | 4 | 5,803,351 | 482,671 | 0.05 | 998.88 | 25.47 | 39.21 | 0.13 |
| 2010 | 1 | 309 | 7,721 | 307,288 | 22,714 | 324,435 | 4 | 5,803,920 | 444,962 | 0.05 | 994.46 | 24.99 | 39.80 | 0.12 |
|  | 2 | 218 | 5,589 | 224,772 | 16,356 | 235,728 | 4 | 5,282,994 | 400,076 | 0.04 | 1031.06 | 25.64 | 40.22 | 0.17 |
|  | 3 | 258 | 6,023 | 261,054 | 20,372 | 274,141 | 3 | 5,276,176 | 441,900 | 0.05 | 1011.84 | 23.34 | 43.34 | 0.11 |
|  | 4 | 248 | 6,231 | 250,576 | 18,873 | 264,132 | 2 | 5,714,564 | 463,403 | 0.04 | 1010.39 | 25.13 | 40.21 | 0.08 |
|  | 5 | 203 | 5,265 | 202,350 | 15,922 | 214,871 | 3 | 5,778,358 | 479,929 | 0.04 | 996.80 | 25.94 | 38.43 | 0.14 |
|  | 6 | 215 | 4,935 | 216,825 | 16,670 | 226,536 | 2 | 5,808,360 | 465,621 | 0.04 | 1008.49 | 22.95 | 43.94 | 0.09 |
|  | 7 | 206 | 4,903 | 199,333 | 15,395 | 209,437 | 4 | 5,809,385 | 479,571 | 0.04 | 967.64 | 23.80 | 40.66 | 0.19 |
|  | 8 | 221 | 5,427 | 218,359 | 14,795 | 231,411 | 2 | 5,761,281 | 479,767 | 0.04 | 988.05 | 24.56 | 40.24 | 0.09 |
|  | 9 | 173 | 4,213 | 165,265 | 12,838 | 172,542 | 2 | 5,792,380 | 464,492 | 0.03 | 955.29 | 24.35 | 39.23 | 0.12 |
|  | 10 | 183 | 4,454 | 176,274 | 14,307 | 184,782 | 3 | 5,787,916 | 481,800 | 0.03 | 963.25 | 24.34 | 39.58 | 0.16 |
|  | 11 | 174 | 4,198 | 170,959 | 13,759 | 180,766 | 1 | 5,788,365 | 466,423 | 0.03 | 982.52 | 24.13 | 40.72 | 0.06 |
|  | 12 | 163 | 3,842 | 152,675 | 11,285 | 162,069 | 0 | 5,801,639 | 483,434 | 0.03 | 936.66 | 23.57 | 39.74 | 0.00 |
| 2011 | 1 | 195 | 4,695 | 185,031 | 14,710 | 193,008 | 4 | 5,804,645 | 457,497 | 0.03 | 948.88 | 24.08 | 39.41 | 0.21 |
|  | 2 | 159 | 3,958 | 149,763 | 12,206 | 159,205 | 2 | 5,423,831 | 410,268 | 0.03 | 941.91 | 24.89 | 37.84 | 0.13 |
|  | 3 | 193 | 4,567 | 179,993 | 16,206 | 188,493 | 6 | 5,411,151 | 453,717 | 0.04 | 932.61 | 23.66 | 39.41 | 0.32 |
|  | 4 | 166 | 3,832 | 156,922 | 14,682 | 163,155 | 4 | 5,807,736 | 471,065 | 0.03 | 945.31 | 23.08 | 40.95 | 0.25 |
|  | 5 | 148 | 3,470 | 134,477 | 11,082 | 140,968 | 2 | 5,849,413 | 487,348 | 0.03 | 908.63 | 23.45 | 38.75 | 0.14 |
|  | 6 | 163 | 3,588 | 145,325 | 12,906 | 154,071 | 1 | 5,859,004 | 471,813 | 0.03 | 891.56 | 22.01 | 40.50 | 0.06 |
|  | 7 | 149 | 3,256 | 129,119 | 11,623 | 136,235 | 1 | 5,861,769 | 486,217 | 0.03 | 866.57 | 21.85 | 39.66 | 0.07 |

Mini-Sentinel

Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Ris | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 133 | 2,775 | 115,982 | 12,439 | 122,385 | 1 | 5,847,218 | 486,821 | 0.02 | 872.05 | 20.86 | 41.80 | 0.08 |
|  | 9 | 134 | 2,811 | 114,290 | 10,836 | 120,759 | 0 | 5,892,851 | 471,656 | 0.02 | 852.91 | 20.98 | 40.66 | 0.00 |
|  | 10 | 149 | 3,208 | 122,683 | 12,227 | 130,029 | 1 | 5,894,137 | 490,393 | 0.03 | 823.38 | 21.53 | 38.24 | 0.08 |
|  | 11 | 172 | 3,454 | 138,139 | 12,959 | 145,724 | 1 | 5,896,587 | 475,166 | 0.03 | 803.13 | 20.08 | 39.99 | 0.07 |
|  | 12 | 131 | 2,562 | 102,070 | 10,841 | 106,146 | 4 | 5,920,665 | 491,023 | 0.02 | 779.16 | 19.56 | 39.84 | 0.38 |
| 2012 | 1 | 138 | 2,820 | 107,344 | 10,172 | 113,872 | 0 | 5,901,548 | 426,841 | 0.02 | 777.86 | 20.43 | 38.07 | 0.00 |
|  | 2 | 80 | 1,646 | 61,548 | 5,722 | 65,302 | 1 | 5,052,368 | 294,926 | 0.02 | 769.35 | 20.58 | 37.39 | 0.15 |
|  | 3 | 71 | 1,392 | 52,992 | 4,616 | 56,885 | 0 | 3,911,203 | 306,533 | 0.02 | 746.37 | 19.61 | 38.07 | 0.00 |
|  | 4 | 90 | 1,685 | 65,817 | 6,274 | 69,681 | 0 | 3,870,128 | 312,229 | 0.02 | 731.30 | 18.72 | 39.06 | 0.00 |
|  | 5 | 45 | 695 | 32,902 | 3,455 | 34,320 | 1 | 3,853,660 | 127,350 | 0.01 | 731.16 | 15.44 | 47.34 | 0.29 |
|  | 6 | 41 | 762 | 28,556 | 2,914 | 30,060 | 1 | 1,462,938 | 117,007 | 0.03 | 696.49 | 18.59 | 37.48 | 0.33 |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1,441,164 | 3,946 | 0.00 | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 1 | 68 | 1,904 | 272 | 1,932 | 0 | 109,136 | 8,828 | 0.01 | 1904.00 | 68.00 | 28.00 | 0.00 |
|  | 2 | 2 | 77 | 2,998 | 428 | 3,221 | 0 | 105,084 | 7,994 | 0.02 | 1499.00 | 38.50 | 38.94 | 0.00 |
|  | 3 | 3 | 143 | 5,145 | 738 | 5,245 | 0 | 105,946 | 8,905 | 0.03 | 1715.00 | 47.67 | 35.98 | 0.00 |
|  | 4 | 113 | 4,860 | 214,722 | 33,793 | 221,081 | 5 | 2,008,715 | 162,818 | 0.06 | 1900.19 | 43.01 | 44.18 | 0.23 |
|  | 5 | 93 | 4,347 | 176,712 | 29,314 | 182,501 | 2 | 2,041,474 | 169,773 | 0.05 | 1900.13 | 46.74 | 40.65 | 0.11 |



Mini-Sentinel

Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible rs Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2010 | 1 | 3,008 | 16,432 | 648,272 | 47,856 | 673,322 | 68 | 8,851,201 | 741,351 | 0.34 | 215.52 | 5.46 | 39.45 | 1.01 |
|  | 2 | 2,539 | 12,951 | 516,324 | 38,530 | 537,053 | 49 | 8,730,284 | 666,400 | 0.29 | 203.36 | 5.10 | 39.87 | 0.91 |
|  | 3 | 2,618 | 13,161 | 538,435 | 39,337 | 560,479 | 59 | 8,696,530 | 734,814 | 0.30 | 205.67 | 5.03 | 40.91 | 1.05 |
|  | 4 | 2,899 | 14,217 | 576,541 | 43,382 | 601,933 | 59 | 9,408,040 | 769,451 | 0.31 | 198.88 | 4.90 | 40.55 | 0.98 |
|  | 5 | 2,476 | 12,761 | 495,072 | 38,550 | 517,322 | 54 | 9,506,952 | 793,786 | 0.26 | 199.95 | 5.15 | 38.80 | 1.04 |
|  | 6 | 2,486 | 11,257 | 467,819 | 36,643 | 486,131 | 45 | 9,539,756 | 769,064 | 0.26 | 188.18 | 4.53 | 41.56 | 0.93 |
|  | 7 | 2,407 | 11,683 | 455,348 | 33,968 | 476,522 | 45 | 9,473,685 | 792,631 | 0.25 | 189.18 | 4.85 | 38.98 | 0.94 |
|  | 8 | 2,354 | 11,160 | 439,141 | 31,289 | 457,989 | 50 | 9,464,750 | 791,803 | 0.25 | 186.55 | 4.74 | 39.35 | 1.09 |
|  | 9 | 2,082 | 9,171 | 354,991 | 27,501 | 366,684 | 42 | 9,503,472 | 765,855 | 0.22 | 170.50 | 4.40 | 38.71 | 1.15 |
|  | 10 | 2,136 | 9,580 | 374,853 | 29,069 | 388,432 | 41 | 9,468,816 | 792,766 | 0.23 | 175.49 | 4.49 | 39.13 | 1.06 |
|  | 11 | 1,841 | 8,067 | 325,833 | 24,942 | 340,213 | 34 | 9,481,119 | 767,401 | 0.19 | 176.99 | 4.38 | 40.39 | 1.00 |
|  | 12 | 1,917 | 8,501 | 325,413 | 23,670 | 341,144 | 30 | 9,519,155 | 795,653 | 0.20 | 169.75 | 4.43 | 38.28 | 0.88 |
| 2011 | 1 | 1,847 | 9,713 | 378,124 | 29,916 | 392,527 | 42 | 8,603,633 | 720,248 | 0.21 | 204.72 | 5.26 | 38.93 | 1.07 |
|  | 2 | 1,527 | 7,669 | 298,763 | 25,893 | 310,478 | 37 | 8,495,705 | 648,751 | 0.18 | 195.65 | 5.02 | 38.96 | 1.19 |
|  | 3 | 1,729 | 8,669 | 336,239 | 30,638 | 349,983 | 31 | 8,496,940 | 717,984 | 0.20 | 194.47 | 5.01 | 38.79 | 0.89 |
|  | 4 | 1,707 | 8,254 | 333,330 | 31,537 | 347,590 | 33 | 9,178,671 | 750,849 | 0.19 | 195.27 | 4.84 | 40.38 | 0.95 |
|  | 5 | 1,665 | 7,600 | 296,435 | 28,158 | 309,116 | 34 | 9,279,595 | 776,426 | 0.18 | 178.04 | 4.56 | 39.00 | 1.10 |
|  | 6 | 1,678 | 7,751 | 318,037 | 29,555 | 331,805 | 34 | 9,287,274 | 751,351 | 0.18 | 189.53 | 4.62 | 41.03 | 1.02 |
|  | 7 | 1,463 | 6,626 | 266,649 | 24,691 | 278,395 | 30 | 9,211,041 | 770,552 | 0.16 | 182.26 | 4.53 | 40.24 | 1.08 |
|  | 8 | 1,482 | 6,429 | 257,960 | 25,747 | 263,904 | 37 | 9,223,323 | 771,166 | 0.16 | 174.06 | 4.34 | 40.12 | 1.40 |
|  | 9 | 1,492 | 6,570 | 264,083 | 27,029 | 275,768 | 23 | 9,284,513 | 747,099 | 0.16 | 177.00 | 4.40 | 40.20 | 0.83 |
|  | 10 | 1,508 | 6,733 | 258,840 | 26,329 | 270,810 | 24 | 9,279,766 | 776,331 | 0.16 | 171.64 | 4.46 | 38.44 | 0.89 |
|  | 11 | 1,490 | 7,097 | 277,290 | 29,405 | 287,555 | 35 | 9,308,982 | 752,887 | 0.16 | 186.10 | 4.76 | 39.07 | 1.22 |
|  | 12 | 1,406 | 5,825 | 219,049 | 22,800 | 228,847 | 25 | 9,359,707 | 781,299 | 0.15 | 155.80 | 4.14 | 37.60 | 1.09 |
| 2012 | 1 | 1,251 | 5,653 | 223,559 | 22,702 | 234,110 | 18 | 8,522,505 | 713,197 | 0.15 | 178.70 | 4.52 | 39.55 | 0.77 |
|  | 2 | 1,209 | 5,535 | 209,040 | 20,919 | 217,747 | 18 | 8,514,553 | 667,055 | 0.14 | 172.90 | 4.58 | 37.77 | 0.83 |
|  | 3 | 1,094 | 4,612 | 176,206 | 17,112 | 184,226 | 16 | 9,221,877 | 713,922 | 0.12 | 161.07 | 4.22 | 38.21 | 0.87 |
|  | 4 | 1,240 | 5,084 | 206,819 | 20,851 | 212,875 | 27 | 9,111,948 | 745,503 | 0.14 | 166.79 | 4.10 | 40.68 | 1.27 |
|  | 5 | 1,137 | 4,614 | 193,116 | 19,680 | 199,538 | 27 | 9,213,780 | 770,648 | 0.12 | 169.85 | 4.06 | 41.85 | 1.35 |
|  | 6 | 1,028 | 4,449 | 169,469 | 17,218 | 176,045 | 18 | 9,215,851 | 745,854 | 0.11 | 164.85 | 4.33 | 38.09 | 1.02 |
|  | 7 | 940 | 3,831 | 160,380 | 16,278 | 165,900 | 22 | 9,148,103 | 765,286 | 0.10 | 170.62 | 4.08 | 41.86 | 1.33 |
|  | 8 | 998 | 4,310 | 165,643 | 16,952 | 172,546 | 24 | 9,163,700 | 766,463 | 0.11 | 165.97 | 4.32 | 38.43 | 1.39 |
|  | 9 | 893 | 3,675 | 140,969 | 13,646 | 146,089 | 21 | 9,237,179 | 742,381 | 0.10 | 157.86 | 4.12 | 38.36 | 1.44 |
|  | 10 | 957 | 3,775 | 149,724 | 15,405 | 157,411 | 17 | 9,235,097 | 772,890 | 0.10 | 156.45 | 3.94 | 39.66 | 1.08 |
|  | 11 | 843 | 3,403 | 128,049 | 13,182 | 133,210 | 12 | 9,259,384 | 749,007 | 0.09 | 151.90 | 4.04 | 37.63 | 0.90 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / <br> User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $12$ | $856$ | 3,229 | $122,952$ | $12,692$ | Days at Risk 129,559 | $9$ | $9,296,766$ | $777,276$ | $0.09$ | $143.64$ | $3.77$ | $38.08$ | $0.69$ |
| 2013 | 1 | 781 | 3,025 | 114,647 | 11,259 | 121,207 | 10 | 8,614,023 | 721,220 | 0.09 | 146.80 | 3.87 | 37.90 | 0.83 |
|  | 2 | 702 | 2,809 | 104,919 | 11,116 | 110,077 | 19 | 8,503,893 | 649,479 | 0.08 | 149.46 | 4.00 | 37.35 | 1.73 |
|  | 3 | 661 | 2,316 | 88,716 | 9,253 | 93,765 | 11 | 8,501,815 | 718,571 | 0.08 | 134.21 | 3.50 | 38.31 | 1.17 |
|  | 4 | 857 | 3,117 | 122,071 | 12,298 | 128,085 | 14 | 9,231,684 | 755,345 | 0.09 | 142.44 | 3.64 | 39.16 | 1.09 |
|  | 5 | 775 | 2,558 | 99,220 | 9,516 | 104,060 | 11 | 9,328,266 | 780,811 | 0.08 | 128.03 | 3.30 | 38.79 | 1.06 |
|  | 6 | 717 | 2,450 | 92,217 | 9,887 | 97,477 | 12 | 9,335,973 | 755,388 | 0.08 | 128.62 | 3.42 | 37.64 | 1.23 |
|  | 7 | 737 | 2,304 | 89,985 | 8,496 | 94,611 | 10 | 9,303,920 | 778,634 | 0.08 | 122.10 | 3.13 | 39.06 | 1.06 |
|  | 8 | 690 | 2,057 | 75,075 | 7,704 | 78,926 | 12 | 9,311,100 | 779,340 | 0.07 | 108.80 | 2.98 | 36.50 | 1.52 |
|  | 9 | 615 | 1,677 | 61,478 | 6,140 | 65,210 | 2 | 9,467,887 | 754,843 | 0.06 | 99.96 | 2.73 | 36.66 | 0.31 |
|  | 10 | 746 | 1,962 | 70,505 | 7,708 | 74,082 | 12 | 9,462,996 | 792,266 | 0.08 | 94.51 | 2.63 | 35.94 | 1.62 |
|  | 11 | 632 | 1,443 | 49,721 | 5,492 | 52,736 | 2 | 9,478,198 | 767,317 | 0.07 | 78.67 | 2.28 | 34.46 | 0.38 |
|  | 12 | 562 | 1,229 | 41,113 | 4,673 | 43,426 | 7 | 9,488,200 | 792,681 | 0.06 | 73.15 | 2.19 | 33.45 | 1.61 |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 7 | 211 | 7,529 | 1,039 | 6,354 | 1 | 151,621 | 11,816 | 0.05 | 1075.57 | 30.14 | 35.68 | 1.57 |
|  | 2 | 8 | 230 | 8,391 | 1,196 | 8,743 | 1 | 140,934 | 10,682 | 0.06 | 1048.88 | 28.75 | 36.48 | 1.14 |
|  | 3 | 6 | 236 | 7,743 | 1,109 | 7,939 | 0 | 142,131 | 11,876 | 0.04 | 1290.50 | 39.33 | 32.81 | 0.00 |
|  | 4 | 516 | 14,578 | 595,149 | 95,992 | 583,049 | 67 | 2,992,577 | 242,505 | 0.17 | 1153.39 | 28.25 | 40.83 | 1.15 |
|  | 5 | 526 | 14,925 | 577,162 | 102,721 | 584,981 | 46 | 3,049,923 | 252,351 | 0.17 | 1097.27 | 28.37 | 38.67 | 0.79 |
|  | 6 | 499 | 14,207 | 555,047 | 90,902 | 557,367 | 45 | 3,069,386 | 245,409 | 0.16 | 1112.32 | 28.47 | 39.07 | 0.81 |
|  | 7 | 391 | 11,268 | 439,061 | 71,335 | 446,203 | 34 | 3,090,764 | 254,627 | 0.13 | 1122.92 | 28.82 | 38.97 | 0.76 |
|  | 8 | 439 | 12,102 | 465,496 | 79,681 | 473,029 | 33 | 3,108,497 | 256,758 | 0.14 | 1060.36 | 27.57 | 38.46 | 0.70 |
|  | 9 | 389 | 10,492 | 402,129 | 65,260 | 412,944 | 35 | 3,137,661 | 251,016 | 0.12 | 1033.75 | 26.97 | 38.33 | 0.85 |
|  | 10 | 435 | 12,059 | 462,001 | 74,475 | 465,616 | 38 | 3,145,027 | 261,415 | 0.14 | 1062.07 | 27.72 | 38.31 | 0.82 |
|  | 11 | 392 | 11,348 | 435,349 | 72,327 | 443,591 | 39 | 3,152,017 | 253,611 | 0.12 | 1110.58 | 28.95 | 38.36 | 0.88 |
|  | 12 | 356 | 9,507 | 378,931 | 62,373 | 381,801 | 34 | 3,165,437 | 263,082 | 0.11 | 1064.41 | 26.71 | 39.86 | 0.89 |
| 2007 | 1 | 364 | 10,295 | 388,705 | 64,316 | 397,159 | 31 | 3,172,045 | 247,281 | 0.11 | 1067.87 | 28.28 | 37.76 | 0.78 |
|  | 2 | 306 | 8,327 | 328,751 | 51,017 | 328,288 | 26 | 2,942,530 | 222,044 | 0.10 | 1074.35 | 27.21 | 39.48 | 0.79 |
|  | 3 | 292 | 8,249 | 327,169 | 51,828 | 332,082 | 24 | 2,934,159 | 245,056 | 0.10 | 1120.44 | 28.25 | 39.66 | 0.72 |
|  | 4 | 263 | 7,002 | 279,606 | 41,964 | 289,968 | 20 | 3,078,857 | 248,605 | 0.09 | 1063.14 | 26.62 | 39.93 | 0.69 |
|  | 5 | 295 | 8,609 | 321,753 | 53,160 | 320,336 | 32 | 3,103,972 | 257,532 | 0.10 | 1090.69 | 29.18 | 37.37 | 1.00 |
|  | 6 | 232 | 7,137 | 273,099 | 39,437 | 274,052 | 25 | 3,114,891 | 249,609 | 0.07 | 1177.15 | 30.76 | 38.27 | 0.91 |
|  | 7 | 235 | 6,692 | 259,980 | 37,930 | 256,386 | 19 | 3,121,615 | 257,854 | 0.08 | 1106.30 | 28.48 | 38.85 | 0.74 |
|  | 8 | 269 | 7,832 | 301,150 | 42,646 | 308,014 | 23 | 4,055,790 | 263,535 | 0.07 | 1119.52 | 29.12 | 38.45 | 0.75 |
|  | 9 | 283 | 7,494 | 296,184 | 45,565 | 300,291 | 22 | 4,089,048 | 327,796 | 0.07 | 1046.59 | 26.48 | 39.52 | 0.73 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 319 | 9,355 | 358,147 | 50,009 | 356,276 | 36 | 4,094,127 | 339,926 | 0.08 | 1122.72 | 29.33 | 38.28 | 1.01 |
|  | 11 | 302 | 8,292 | 336,099 | 46,492 | 342,955 | 26 | 4,095,314 | 329,273 | 0.07 | 1112.91 | 27.46 | 40.53 | 0.76 |
|  | 12 | 205 | 5,327 | 209,062 | 30,103 | 214,988 | 17 | 4,108,802 | 341,812 | 0.05 | 1019.81 | 25.99 | 39.25 | 0.79 |
| 2008 | 1 | 304 | 8,340 | 322,017 | 41,734 | 326,174 | 30 | 4,118,972 | 322,231 | 0.07 | 1059.27 | 27.43 | 38.61 | 0.92 |
|  | 2 | 266 | 7,237 | 279,320 | 38,134 | 282,620 | 28 | 3,855,135 | 299,746 | 0.07 | 1050.08 | 27.21 | 38.60 | 0.99 |
|  | 3 | 279 | 7,581 | 308,248 | 38,701 | 312,211 | 26 | 5,727,611 | 324,555 | 0.05 | 1104.83 | 27.17 | 40.66 | 0.83 |
|  | 4 | 552 | 12,600 | 595,617 | 79,136 | 603,409 | 41 | 5,705,682 | 460,031 | 0.10 | 1079.02 | 22.83 | 47.27 | 0.68 |
|  | 5 | 437 | 10,469 | 461,525 | 57,138 | 472,066 | 29 | 5,766,202 | 475,664 | 0.08 | 1056.12 | 23.96 | 44.08 | 0.61 |
|  | 6 | 480 | 11,749 | 509,246 | 59,570 | 523,621 | 31 | 5,783,382 | 461,850 | 0.08 | 1060.93 | 24.48 | 43.34 | 0.59 |
|  | 7 | 417 | 9,912 | 430,385 | 50,519 | 438,086 | 39 | 5,809,313 | 477,644 | 0.07 | 1032.10 | 23.77 | 43.42 | 0.89 |
|  | 8 | 430 | 10,450 | 434,624 | 43,210 | 441,382 | 28 | 5,787,432 | 479,189 | 0.07 | 1010.75 | 24.30 | 41.59 | 0.63 |
|  | 9 | 445 | 10,713 | 452,883 | 45,541 | 464,790 | 32 | 5,827,525 | 464,699 | 0.08 | 1017.71 | 24.07 | 42.27 | 0.69 |
|  | 10 | 455 | 11,104 | 466,929 | 46,793 | 473,448 | 32 | 5,831,158 | 482,547 | 0.08 | 1026.22 | 24.40 | 42.05 | 0.68 |
|  | 11 | 389 | 9,120 | 391,859 | 36,757 | 396,276 | 28 | 5,823,316 | 467,915 | 0.07 | 1007.35 | 23.44 | 42.97 | 0.71 |
|  | 12 | 394 | 9,276 | 388,920 | 34,498 | 395,793 | 35 | 5,847,538 | 485,592 | 0.07 | 987.11 | 23.54 | 41.93 | 0.88 |
| 2009 | 1 | 423 | 10,690 | 440,300 | 42,628 | 449,334 | 33 | 5,854,728 | 445,421 | 0.07 | 1040.90 | 25.27 | 41.19 | 0.73 |
|  | 2 | 337 | 8,385 | 341,948 | 31,845 | 346,790 | 32 | 5,302,459 | 400,590 | 0.06 | 1014.68 | 24.88 | 40.78 | 0.92 |
|  | 3 | 328 | 8,145 | 327,591 | 28,893 | 329,718 | 29 | 5,296,323 | 443,443 | 0.06 | 998.75 | 24.83 | 40.22 | 0.88 |
|  | 4 | 343 | 7,926 | 354,446 | 30,653 | 357,583 | 32 | 5,650,780 | 457,398 | 0.06 | 1033.37 | 23.11 | 44.72 | 0.89 |
|  | 5 | 333 | 8,382 | 353,413 | 32,736 | 359,915 | 27 | 5,715,972 | 473,967 | 0.06 | 1061.30 | 25.17 | 42.16 | 0.75 |
|  | 6 | 341 | 8,443 | 354,004 | 28,261 | 357,244 | 31 | 5,751,454 | 460,339 | 0.06 | 1038.13 | 24.76 | 41.93 | 0.87 |
|  | 7 | 382 | 9,504 | 382,696 | 31,424 | 387,852 | 31 | 5,758,554 | 474,331 | 0.07 | 1001.82 | 24.88 | 40.27 | 0.80 |
|  | 8 | 350 | 8,795 | 357,049 | 28,610 | 362,296 | 23 | 5,715,174 | 474,737 | 0.06 | 1020.14 | 25.13 | 40.60 | 0.63 |
|  | 9 | 334 | 8,114 | 331,420 | 26,578 | 338,820 | 24 | 5,753,999 | 459,792 | 0.06 | 992.28 | 24.29 | 40.85 | 0.71 |
|  | 10 | 337 | 8,241 | 333,546 | 24,022 | 336,591 | 26 | 5,754,291 | 477,662 | 0.06 | 989.75 | 24.45 | 40.47 | 0.77 |
|  | 11 | 274 | 6,520 | 266,636 | 18,799 | 266,596 | 28 | 5,751,291 | 463,102 | 0.05 | 973.12 | 23.80 | 40.90 | 1.05 |
|  | 12 | 280 | 7,087 | 279,050 | 19,385 | 283,399 | 16 | 5,777,809 | 479,908 | 0.05 | 996.61 | 25.31 | 39.37 | 0.56 |
| 2010 | 1 | 303 | 7,564 | 300,891 | 22,322 | 307,933 | 19 | 5,777,028 | 442,373 | 0.05 | 993.04 | 24.96 | 39.78 | 0.62 |
|  | 2 | 214 | 5,472 | 220,320 | 15,940 | 226,600 | 11 | 5,257,551 | 397,716 | 0.04 | 1029.53 | 25.57 | 40.26 | 0.49 |
|  | 3 | 250 | 5,822 | 253,193 | 19,683 | 256,401 | 15 | 5,251,012 | 439,258 | 0.05 | 1012.77 | 23.29 | 43.49 | 0.59 |
|  | 4 | 246 | 6,152 | 248,863 | 18,866 | 252,682 | 19 | 5,687,066 | 460,594 | 0.04 | 1011.64 | 25.01 | 40.45 | 0.75 |
|  | 5 | 198 | 5,165 | 196,868 | 15,566 | 201,615 | 16 | 5,750,650 | 477,021 | 0.03 | 994.28 | 26.09 | 38.12 | 0.79 |
|  | 6 | 207 | 4,699 | 208,585 | 16,151 | 208,797 | 14 | 5,780,497 | 462,806 | 0.04 | 1007.66 | 22.70 | 44.39 | 0.67 |
|  | 7 | 201 | 4,757 | 194,452 | 14,953 | 200,364 | 11 | 5,781,775 | 476,670 | 0.03 | 967.42 | 23.67 | 40.88 | 0.55 |
|  | 8 | 216 | 5,295 | 213,644 | 14,299 | 214,825 | 20 | 5,734,013 | 476,891 | 0.04 | 989.09 | 24.51 | 40.35 | 0.93 |

# Mini-Sentinel 

Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

| Year | Month | Users | Dispensi | Days Supplied | Amount Supplied | at Risk | Episodes w/ Events | Eligible Members | Member- <br> Years | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |


| 2006 | 1 | 1 | 68 | 1,904 | 272 | 372 | 1 | 108,649 | 8,777 | 0.01 | 1904.00 | 68.00 | 28.00 | 26.88 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 2 | 77 | 2,998 | 428 | 2,878 | 1 | 104,585 | 7,946 | 0.02 | 1499.00 | 38.50 | 38.94 | 3.47 |
|  | 3 | 3 | 143 | 5,145 | 738 | 5,245 | 0 | 105,440 | 8,852 | 0.03 | 1715.00 | 47.67 | 35.98 | 0.00 |
|  | 4 | 110 | 4,689 | 208,262 | 32,870 | 197,576 | 21 | 1,999,740 | 161,923 | 0.06 | 1893.29 | 42.63 | 44.42 | 1.06 |
|  | 5 | 91 | 4,245 | 172,562 | 28,741 | 170,521 | 10 | 2,032,524 | 168,844 | 0.04 | 1896.29 | 46.65 | 40.65 | 0.59 |
|  | 6 | 109 | 4,774 | 194,151 | 31,373 | 185,800 | 15 | 2,049,432 | 164,107 | 0.05 | 1781.20 | 43.80 | 40.67 | 0.81 |
|  | 7 | 78 | 3,627 | 143,897 | 20,164 | 143,859 | 7 | 2,062,746 | 169,924 | 0.04 | 1844.83 | 46.50 | 39.67 | 0.49 |
|  | 8 | 87 | 3,822 | 151,764 | 22,991 | 148,184 | 10 | 2,072,081 | 171,216 | 0.04 | 1744.41 | 43.93 | 39.71 | 0.67 |
|  | 9 | 68 | 2,914 | 119,244 | 17,293 | 118,528 | 9 | 2,089,876 | 167,306 | 0.03 | 1753.59 | 42.85 | 40.92 | 0.76 |
|  | 10 | 82 | 3,687 | 143,517 | 20,658 | 138,801 | 10 | 2,091,485 | 173,864 | 0.04 | 1750.21 | 44.96 | 38.93 | 0.72 |
|  | 11 | 87 | 3,789 | 158,484 | 27,322 | 161,053 | 10 | 2,090,253 | 168,578 | 0.04 | 1821.66 | 43.55 | 41.83 | 0.62 |
|  | 12 | 72 | 2,854 | 128,565 | 20,985 | 126,843 | 7 | 2,098,868 | 174,863 | 0.03 | 1785.63 | 39.64 | 45.05 | 0.55 |
| 2007 | 1 | 73 | 3,381 | 130,301 | 23,703 | 129,872 | 8 | 2,103,584 | 167,388 | 0.03 | 1784.95 | 46.32 | 38.54 | 0.62 |
|  | 2 | 58 | 2,589 | 104,092 | 15,944 | 100,530 | 9 | 1,994,031 | 151,074 | 0.03 | 1794.69 | 44.64 | 40.21 | 0.90 |
|  | 3 | 68 | 3,095 | 119,053 | 15,857 | 119,258 | 4 | 1,995,804 | 167,272 | 0.03 | 1750.78 | 45.51 | 38.47 | 0.34 |
|  | 4 | 49 | 2,017 | 82,749 | 11,367 | 85,699 | 4 | 2,082,065 | 168,844 | 0.02 | 1688.76 | 41.16 | 41.03 | 0.47 |
|  | 5 | 57 | 2,433 | 98,050 | 14,577 | 92,377 | 10 | 2,099,950 | 174,959 | 0.03 | 1720.18 | 42.68 | 40.30 | 1.08 |
|  | 6 | 69 | 3,330 | 120,808 | 15,826 | 116,947 | 14 | 2,111,967 | 169,791 | 0.03 | 1750.84 | 48.26 | 36.28 | 1.20 |
|  | 7 | 48 | 2,049 | 83,866 | 12,193 | 73,390 | 11 | 2,118,670 | 174,786 | 0.02 | 1747.21 | 42.69 | 40.93 | 1.50 |
|  | 8 | 60 | 2,737 | 105,246 | 13,788 | 107,863 | 5 | 2,734,764 | 178,743 | 0.02 | 1754.10 | 45.62 | 38.45 | 0.46 |
|  | 9 | 51 | 2,104 | 84,512 | 12,697 | 81,618 | 6 | 2,757,196 | 221,468 | 0.02 | 1657.10 | 41.25 | 40.17 | 0.74 |
|  | 10 | 78 | 3,510 | 136,195 | 19,376 | 129,716 | 15 | 2,759,554 | 229,984 | 0.03 | 1746.09 | 45.00 | 38.80 | 1.16 |
|  | 11 | 75 | 3,278 | 131,360 | 15,532 | 127,660 | 14 | 2,766,143 | 222,920 | 0.03 | 1751.47 | 43.71 | 40.07 | 1.10 |
|  | 12 | 25 | 1,185 | 42,234 | 6,407 | 43,519 | 2 | 2,774,470 | 231,238 | 0.01 | 1689.36 | 47.40 | 35.64 | 0.46 |
| 2008 | 1 | 50 | 2,262 | 85,297 | 10,057 | 86,485 | 2 | 2,778,206 | 216,342 | 0.02 | 1705.94 | 45.24 | 37.71 | 0.23 |
|  | 2 | 35 | 1,557 | 60,842 | 8,090 | 60,238 | 4 | 2,588,924 | 201,963 | 0.01 | 1738.34 | 44.49 | 39.08 | 0.66 |
|  | 3 | 56 | 2,462 | 96,867 | 10,682 | 97,056 | 6 | 3,623,694 | 218,534 | 0.02 | 1729.77 | 43.96 | 39.34 | 0.62 |
|  | 4 | 93 | 3,600 | 159,797 | 21,689 | 160,780 | 8 | 3,612,415 | 293,003 | 0.03 | 1718.25 | 38.71 | 44.39 | 0.50 |



Table 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1 K <br> Eligible <br> Members | Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

## Charts 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



## Charts 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



## Charts 4B: Summary of Risedronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

Risedronate and Non-vertebral Fractures
Scenarios with Differing Minimum Episdode Durations (MED) and Exposure Extension Periods $=0$ days


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 80 | 467 | 16,064 | 564 | 17,712 | 0 | 237,415 | 19,865 | 0.34 | 200.80 | 5.84 | 34.40 | 0.00 |
|  | 2 | 64 | 307 | 10,349 | 369 | 11,445 | 0 | 236,437 | 18,039 | 0.27 | 161.70 | 4.80 | 33.71 | 0.00 |
|  | 3 | 73 | 456 | 16,264 | 559 | 17,328 | 0 | 239,041 | 20,131 | 0.31 | 222.79 | 6.25 | 35.67 | 0.00 |
|  | 4 | 2,425 | 15,019 | 530,229 | 18,420 | 575,949 | 5 | 4,469,628 | 365,448 | 0.54 | 218.65 | 6.19 | 35.30 | 0.09 |
|  | 5 | 2,753 | 16,380 | 603,236 | 20,748 | 651,720 | 7 | 4,551,090 | 379,601 | 0.60 | 219.12 | 5.95 | 36.83 | 0.11 |
|  | 6 | 2,802 | 16,605 | 599,618 | 21,191 | 646,954 | 5 | 4,562,926 | 367,604 | 0.61 | 214.00 | 5.93 | 36.11 | 0.08 |
|  | 7 | 2,517 | 15,434 | 570,590 | 19,544 | 614,794 | 4 | 4,569,157 | 380,605 | 0.55 | 226.69 | 6.13 | 36.97 | 0.07 |
|  | 8 | 2,792 | 15,691 | 582,694 | 20,370 | 629,161 | 7 | 4,613,037 | 383,523 | 0.61 | 208.70 | 5.62 | 37.14 | 0.11 |
|  | 9 | 2,740 | 14,928 | 546,970 | 18,799 | 590,265 | 5 | 4,652,738 | 374,490 | 0.59 | 199.62 | 5.45 | 36.64 | 0.08 |
|  | 10 | 2,865 | 15,636 | 582,517 | 20,023 | 628,052 | 3 | 4,661,078 | 390,084 | 0.61 | 203.32 | 5.46 | 37.25 | 0.05 |
|  | 11 | 2,618 | 14,022 | 527,417 | 19,090 | 570,169 | 0 | 4,678,137 | 378,581 | 0.56 | 201.46 | 5.36 | 37.61 | 0.00 |
|  | 12 | 2,501 | 12,394 | 463,613 | 16,028 | 499,807 | 4 | 4,706,581 | 393,542 | 0.53 | 185.37 | 4.96 | 37.41 | 0.08 |
| 2007 | 1 | 2,080 | 12,231 | 463,531 | 15,857 | 496,982 | 5 | 4,482,876 | 374,951 | 0.46 | 222.85 | 5.88 | 37.90 | 0.10 |
|  | 2 | 1,801 | 10,720 | 407,919 | 13,973 | 436,718 | 5 | 4,434,307 | 338,539 | 0.41 | 226.50 | 5.95 | 38.05 | 0.11 |
|  | 3 | 1,791 | 9,242 | 351,193 | 12,286 | 379,707 | 1 | 4,442,420 | 375,249 | 0.40 | 196.09 | 5.16 | 38.00 | 0.03 |
|  | 4 | 1,832 | 10,617 | 414,125 | 14,389 | 444,862 | 1 | 4,692,922 | 383,790 | 0.39 | 226.05 | 5.80 | 39.01 | 0.02 |
|  | 5 | 1,913 | 11,018 | 413,937 | 14,137 | 445,169 | 2 | 4,761,501 | 398,328 | 0.40 | 216.38 | 5.76 | 37.57 | 0.04 |
|  | 6 | 1,849 | 10,305 | 392,173 | 13,538 | 421,652 | 5 | 4,788,131 | 386,247 | 0.39 | 212.10 | 5.57 | 38.06 | 0.12 |
|  | 7 | 1,815 | 10,785 | 414,413 | 14,302 | 446,611 | 3 | 4,756,481 | 397,797 | 0.38 | 228.33 | 5.94 | 38.42 | 0.07 |
|  | 8 | 1,951 | 11,080 | 426,532 | 14,687 | 457,145 | 7 | 6,295,275 | 407,323 | 0.31 | 218.62 | 5.68 | 38.50 | 0.15 |
|  | 9 | 2,586 | 13,507 | 499,983 | 17,288 | 538,200 | 5 | 6,341,813 | 510,988 | 0.41 | 193.34 | 5.22 | 37.02 | 0.09 |
|  | 10 | 3,098 | 16,655 | 614,245 | 20,963 | 660,770 | 4 | 6,345,449 | 531,484 | 0.49 | 198.27 | 5.38 | 36.88 | 0.06 |
|  | 11 | 2,773 | 14,684 | 542,624 | 18,603 | 583,737 | 4 | 6,370,527 | 515,546 | 0.44 | 195.68 | 5.30 | 36.95 | 0.07 |
|  | 12 | 2,687 | 13,656 | 500,509 | 17,085 | 537,447 | 2 | 6,405,195 | 535,622 | 0.42 | 186.27 | 5.08 | 36.65 | 0.04 |
| 2008 | 1 | 2,884 | 15,057 | 553,824 | 18,976 | 597,210 | 1 | 6,132,344 | 513,080 | 0.47 | 192.03 | 5.22 | 36.78 | 0.02 |
|  | 2 | 2,492 | 13,255 | 500,724 | 17,455 | 537,069 | 2 | 6,119,282 | 480,162 | 0.41 | 200.93 | 5.32 | 37.78 | 0.04 |
|  | 3 | 2,477 | 12,392 | 469,380 | 16,038 | 504,652 | 6 | 9,639,015 | 522,136 | 0.26 | 189.50 | 5.00 | 37.88 | 0.12 |
|  | 4 | 5,219 | 24,828 | 1,084,160 | 37,419 | 1,152,983 | 12 | 9,510,612 | 778,485 | 0.55 | 207.73 | 4.76 | 43.67 | 0.10 |
|  | 5 | 4,676 | 21,830 | 921,582 | 31,371 | 984,121 | 7 | 9,679,541 | 807,350 | 0.48 | 197.09 | 4.67 | 42.22 | 0.07 |
|  | 6 | 4,238 | 19,873 | 830,366 | 28,669 | 884,558 | 9 | 9,723,868 | 782,766 | 0.44 | 195.93 | 4.69 | 41.78 | 0.10 |
|  | 7 | 3,859 | 17,764 | 737,727 | 25,335 | 788,006 | 5 | 9,723,114 | 811,085 | 0.40 | 191.17 | 4.60 | 41.53 | 0.06 |
|  | 8 | 3,423 | 15,868 | 658,686 | 23,036 | 704,092 | 5 | 9,754,490 | 815,400 | 0.35 | 192.43 | 4.64 | 41.51 | 0.07 |
|  | 9 | 3,422 | 16,087 | 641,797 | 21,932 | 683,880 | 8 | 9,838,574 | 791,043 | 0.35 | 187.55 | 4.70 | 39.90 | 0.12 |
|  | 10 | 3,551 | 16,773 | 685,643 | 24,234 | 731,303 | 5 | 9,849,853 | 824,063 | 0.36 | 193.08 | 4.72 | 40.88 | 0.07 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 2,991 | 13,387 | 540,361 | 18,506 | 576,152 | 2 | 9,873,126 | 798,780 | 0.30 | 180.66 | 4.48 | 40.36 | 0.03 |
|  | 12 | 3,165 | 13,748 | 564,610 | 19,800 | 601,246 | 5 | 9,929,321 | 829,082 | 0.32 | 178.39 | 4.34 | 41.07 | 0.08 |
| 2009 | 1 | 3,436 | 19,575 | 783,241 | 26,835 | 834,459 | 6 | 9,156,371 | 766,076 | 0.38 | 227.95 | 5.70 | 40.01 | 0.07 |
|  | 2 | 2,968 | 15,702 | 625,749 | 21,612 | 666,912 | 5 | 9,022,090 | 689,466 | 0.33 | 210.83 | 5.29 | 39.85 | 0.07 |
|  | 3 | 2,981 | 14,707 | 603,418 | 20,839 | 643,198 | 9 | 8,987,783 | 760,276 | 0.33 | 202.42 | 4.93 | 41.03 | 0.14 |
|  | 4 | 3,205 | 15,205 | 635,268 | 21,651 | 674,153 | 11 | 9,615,389 | 787,401 | 0.33 | 198.21 | 4.74 | 41.78 | 0.16 |
|  | 5 | 2,894 | 13,212 | 550,299 | 18,760 | 586,278 | 3 | 9,762,082 | 815,229 | 0.30 | 190.15 | 4.57 | 41.65 | 0.05 |
|  | 6 | 2,837 | 13,160 | 554,922 | 18,726 | 588,691 | 4 | 9,807,153 | 791,387 | 0.29 | 195.60 | 4.64 | 42.17 | 0.07 |
|  | 7 | 2,203 | 9,352 | 405,111 | 13,705 | 429,176 | 2 | 9,762,922 | 817,346 | 0.23 | 183.89 | 4.25 | 43.32 | 0.05 |
|  | 8 | 2,150 | 9,740 | 421,223 | 14,259 | 446,735 | 6 | 9,773,753 | 818,603 | 0.22 | 195.92 | 4.53 | 43.25 | 0.13 |
|  | 9 | 2,058 | 9,340 | 397,605 | 13,506 | 421,129 | 6 | 9,829,852 | 792,526 | 0.21 | 193.20 | 4.54 | 42.57 | 0.14 |
|  | 10 | 2,107 | 9,183 | 396,407 | 13,472 | 420,166 | 5 | 9,808,713 | 821,965 | 0.21 | 188.14 | 4.36 | 43.17 | 0.12 |
|  | 11 | 1,936 | 7,821 | 325,955 | 11,081 | 345,159 | 4 | 9,821,688 | 796,315 | 0.20 | 168.37 | 4.04 | 41.68 | 0.12 |
|  | 12 | 1,986 | 7,890 | 329,921 | 11,196 | 350,292 | 6 | 9,862,523 | 825,106 | 0.20 | 166.12 | 3.97 | 41.82 | 0.17 |
| 2010 | 1 | 1,631 | 7,682 | 322,067 | 10,883 | 342,176 | 3 | 8,927,532 | 748,897 | 0.18 | 197.47 | 4.71 | 41.92 | 0.09 |
|  | 2 | 1,487 | 5,796 | 250,559 | 8,513 | 264,810 | 3 | 8,809,487 | 673,320 | 0.17 | 168.50 | 3.90 | 43.23 | 0.11 |
|  | 3 | 1,633 | 6,537 | 277,406 | 9,414 | 294,143 | 5 | 8,775,548 | 742,554 | 0.19 | 169.88 | 4.00 | 42.44 | 0.17 |
|  | 4 | 1,732 | 7,849 | 332,570 | 11,247 | 352,963 | 3 | 9,492,000 | 777,474 | 0.18 | 192.02 | 4.53 | 42.37 | 0.08 |
|  | 5 | 1,549 | 6,613 | 280,872 | 9,474 | 298,500 | 4 | 9,592,128 | 802,134 | 0.16 | 181.32 | 4.27 | 42.47 | 0.13 |
|  | 6 | 1,709 | 7,355 | 307,890 | 10,427 | 325,961 | 3 | 9,625,746 | 777,169 | 0.18 | 180.16 | 4.30 | 41.86 | 0.09 |
|  | 7 | 1,516 | 6,479 | 267,432 | 9,039 | 283,176 | 5 | 9,559,179 | 801,039 | 0.16 | 176.41 | 4.27 | 41.28 | 0.18 |
|  | 8 | 1,372 | 5,941 | 260,306 | 8,783 | 274,512 | 2 | 9,550,654 | 800,212 | 0.14 | 189.73 | 4.33 | 43.82 | 0.07 |
|  | 9 | 1,292 | 5,441 | 222,700 | 7,628 | 235,988 | 4 | 9,589,742 | 774,002 | 0.13 | 172.37 | 4.21 | 40.93 | 0.17 |
|  | 10 | 1,275 | 5,481 | 229,412 | 7,740 | 242,648 | 5 | 9,555,548 | 801,235 | 0.13 | 179.93 | 4.30 | 41.86 | 0.21 |
|  | 11 | 1,146 | 5,087 | 207,624 | 7,057 | 220,309 | 1 | 9,568,259 | 775,601 | 0.12 | 181.17 | 4.44 | 40.81 | 0.05 |
|  | 12 | 1,123 | 4,373 | 176,039 | 5,982 | 187,553 | 0 | 9,605,541 | 804,203 | 0.12 | 156.76 | 3.89 | 40.26 | 0.00 |
| 2011 | 1 | 1,179 | 5,099 | 218,522 | 7,383 | 230,574 | 2 | 8,683,644 | 728,096 | 0.14 | 185.35 | 4.32 | 42.86 | 0.09 |
|  | 2 | 954 | 4,116 | 176,994 | 5,968 | 186,767 | 2 | 8,578,145 | 655,982 | 0.11 | 185.53 | 4.31 | 43.00 | 0.11 |
|  | 3 | 1,029 | 4,358 | 184,150 | 6,202 | 194,985 | 2 | 8,579,823 | 726,038 | 0.12 | 178.96 | 4.24 | 42.26 | 0.10 |
|  | 4 | 1,134 | 4,564 | 193,453 | 6,520 | 204,002 | 3 | 9,266,776 | 759,121 | 0.12 | 170.59 | 4.02 | 42.39 | 0.15 |
|  | 5 | 1,068 | 4,111 | 172,220 | 5,804 | 183,257 | 0 | 9,366,508 | 784,926 | 0.11 | 161.25 | 3.85 | 41.89 | 0.00 |
|  | 6 | 998 | 3,846 | 160,443 | 5,436 | 169,193 | 3 | 9,373,674 | 759,550 | 0.11 | 160.76 | 3.85 | 41.72 | 0.18 |
|  | 7 | 876 | 3,367 | 141,767 | 4,829 | 150,530 | 1 | 9,297,487 | 778,967 | 0.09 | 161.83 | 3.84 | 42.10 | 0.07 |
|  | 8 | 828 | 3,333 | 140,913 | 4,785 | 148,928 | 0 | 9,309,369 | 779,580 | 0.09 | 170.18 | 4.03 | 42.28 | 0.00 |
|  | 9 | 809 | 2,974 | 128,447 | 4,387 | 136,062 | 4 | 9,371,291 | 755,251 | 0.09 | 158.77 | 3.68 | 43.19 | 0.29 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 809 | 3,297 | 132,394 | 4,646 | 139,599 | 2 | 9,366,873 | 784,795 | 0.09 | 163.65 | 4.08 | 40.16 | 0.14 |
|  | 11 | 728 | 2,855 | 118,229 | 4,035 | 124,259 | 1 | 9,396,115 | 761,100 | 0.08 | 162.40 | 3.92 | 41.41 | 0.08 |
|  | 12 | 696 | 2,701 | 107,475 | 3,669 | 113,493 | 2 | 9,446,672 | 789,794 | 0.07 | 154.42 | 3.88 | 39.79 | 0.18 |
| 2012 | 1 | 694 | 2,565 | 110,805 | 3,777 | 116,418 | 0 | 8,602,225 | 720,964 | 0.08 | 159.66 | 3.70 | 43.20 | 0.00 |
|  | 2 | 615 | 2,464 | 107,776 | 3,680 | 113,113 | 2 | 8,595,037 | 674,292 | 0.07 | 175.25 | 4.01 | 43.74 | 0.18 |
|  | 3 | 665 | 2,746 | 111,738 | 3,825 | 117,107 | 2 | 9,307,402 | 721,697 | 0.07 | 168.03 | 4.13 | 40.69 | 0.17 |
|  | 4 | 984 | 4,273 | 191,876 | 6,532 | 201,720 | 2 | 9,197,137 | 753,520 | 0.11 | 195.00 | 4.34 | 44.90 | 0.10 |
|  | 5 | 1,175 | 5,282 | 214,760 | 7,337 | 227,269 | 3 | 9,298,904 | 778,978 | 0.13 | 182.77 | 4.50 | 40.66 | 0.13 |
|  | 6 | 1,046 | 4,545 | 189,731 | 6,468 | 201,477 | 2 | 9,301,751 | 753,922 | 0.11 | 181.39 | 4.35 | 41.74 | 0.10 |
|  | 7 | 999 | 4,364 | 184,229 | 6,273 | 194,106 | 5 | 9,232,647 | 773,548 | 0.11 | 184.41 | 4.37 | 42.22 | 0.26 |
|  | 8 | 978 | 4,398 | 185,867 | 6,330 | 194,931 | 2 | 9,247,264 | 774,651 | 0.11 | 190.05 | 4.50 | 42.26 | 0.10 |
|  | 9 | 957 | 4,073 | 167,939 | 5,757 | 177,285 | 2 | 9,321,546 | 750,259 | 0.10 | 175.48 | 4.26 | 41.23 | 0.11 |
|  | 10 | 1,058 | 4,521 | 184,403 | 6,279 | 194,597 | 1 | 9,317,717 | 781,016 | 0.11 | 174.29 | 4.27 | 40.79 | 0.05 |
|  | 11 | 901 | 3,589 | 147,197 | 5,037 | 155,088 | 0 | 9,342,146 | 756,826 | 0.10 | 163.37 | 3.98 | 41.01 | 0.00 |
|  | 12 | 701 | 2,649 | 113,519 | 3,871 | 119,717 | 2 | 9,378,883 | 785,340 | 0.07 | 161.94 | 3.78 | 42.85 | 0.17 |
| 2013 | 1 | 760 | 3,340 | 137,587 | 4,689 | 144,901 | 1 | 8,690,090 | 728,715 | 0.09 | 181.04 | 4.39 | 41.19 | 0.07 |
|  | 2 | 680 | 2,583 | 111,106 | 3,787 | 116,808 | 1 | 8,581,354 | 656,259 | 0.08 | 163.39 | 3.80 | 43.01 | 0.09 |
|  | 3 | 706 | 2,794 | 116,392 | 3,965 | 122,529 | 3 | 8,578,945 | 726,053 | 0.08 | 164.86 | 3.96 | 41.66 | 0.24 |
|  | 4 | 926 | 3,427 | 147,215 | 5,013 | 155,567 | 1 | 9,312,529 | 763,053 | 0.10 | 158.98 | 3.70 | 42.96 | 0.06 |
|  | 5 | 842 | 2,679 | 118,593 | 4,035 | 125,105 | 1 | 9,408,369 | 788,735 | 0.09 | 140.85 | 3.18 | 44.27 | 0.08 |
|  | 6 | 753 | 2,537 | 107,772 | 3,665 | 113,748 | 0 | 9,417,493 | 763,073 | 0.08 | 143.12 | 3.37 | 42.48 | 0.00 |
|  | 7 | 763 | 2,341 | 100,498 | 3,413 | 106,047 | 0 | 9,384,041 | 786,572 | 0.08 | 131.71 | 3.07 | 42.93 | 0.00 |
|  | 8 | 820 | 2,420 | 98,918 | 3,380 | 104,392 | 2 | 9,391,740 | 787,277 | 0.09 | 120.63 | 2.95 | 40.88 | 0.19 |
|  | 9 | 718 | 1,985 | 81,408 | 2,773 | 85,860 | 1 | 9,549,036 | 762,477 | 0.08 | 113.38 | 2.76 | 41.01 | 0.12 |
|  | 10 | 865 | 2,144 | 89,343 | 3,041 | 93,848 | 5 | 9,542,824 | 800,207 | 0.09 | 103.29 | 2.48 | 41.67 | 0.53 |
|  | 11 | 749 | 1,704 | 67,792 | 2,313 | 71,110 | 1 | 9,558,581 | 774,948 | 0.08 | 90.51 | 2.28 | 39.78 | 0.14 |
|  | 12 | 748 | 1,480 | 53,495 | 1,822 | 55,907 | 1 | 9,567,160 | 800,577 | 0.08 | 71.52 | 1.98 | 36.15 | 0.18 |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 6 | 169 | 6,489 | 224 | 7,036 | 0 | 152,357 | 11,886 | 0.04 | 1081.50 | 28.17 | 38.40 | 0.00 |
|  | 2 | 2 | 34 | 1,479 | 52 | 1,571 | 0 | 141,658 | 10,750 | 0.01 | 739.50 | 17.00 | 43.50 | 0.00 |
|  | 3 | 7 | 239 | 7,583 | 261 | 8,088 | 0 | 142,844 | 11,951 | 0.05 | 1083.29 | 34.14 | 31.73 | 0.00 |
|  | 4 | 192 | 5,542 | 206,153 | 7,095 | 220,339 | 1 | 3,007,515 | 244,016 | 0.06 | 1073.71 | 28.86 | 37.20 | 0.05 |
|  | 5 | 213 | 5,618 | 227,413 | 7,760 | 241,607 | 4 | 3,065,153 | 253,945 | 0.07 | 1067.67 | 26.38 | 40.48 | 0.17 |
|  | 6 | 217 | 6,381 | 238,197 | 8,585 | 251,328 | 3 | 3,084,952 | 246,987 | 0.07 | 1097.68 | 29.41 | 37.33 | 0.12 |
|  | 7 | 220 | 6,348 | 245,932 | 8,390 | 261,749 | 1 | 3,106,920 | 256,288 | 0.07 | 1117.87 | 28.85 | 38.74 | 0.04 |




Mini-Sentinel

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 80 | 467 | 16,064 | 564 | 17,712 | 0 | 237,285 | 19,852 | 0.34 | 200.80 | 5.84 | 34.40 | 0.00 |
|  | 2 | 64 | 307 | 10,349 | 369 | 11,445 | 0 | 236,302 | 18,027 | 0.27 | 161.70 | 4.80 | 33.71 | 0.00 |
|  | 3 | 73 | 456 | 16,264 | 559 | 17,328 | 0 | 238,924 | 20,119 | 0.31 | 222.79 | 6.25 | 35.67 | 0.00 |
|  | 4 | 2,417 | 14,955 | 528,285 | 18,354 | 570,906 | 12 | 4,466,805 | 365,173 | 0.54 | 218.57 | 6.19 | 35.32 | 0.21 |
|  | 5 | 2,751 | 16,405 | 603,908 | 20,771 | 650,979 | 9 | 4,548,300 | 379,312 | 0.60 | 219.52 | 5.96 | 36.81 | 0.14 |
|  | 6 | 2,791 | 16,552 | 598,002 | 21,136 | 645,526 | 7 | 4,560,119 | 367,326 | 0.61 | 214.26 | 5.93 | 36.13 | 0.11 |
|  | 7 | 2,511 | 15,392 | 569,226 | 19,498 | 612,499 | 15 | 4,566,369 | 380,317 | 0.55 | 226.69 | 6.13 | 36.98 | 0.24 |
|  | 8 | 2,787 | 15,643 | 582,348 | 20,353 | 626,615 | 13 | 4,610,260 | 383,239 | 0.60 | 208.95 | 5.61 | 37.23 | 0.21 |
|  | 9 | 2,733 | 14,876 | 544,749 | 18,725 | 587,186 | 8 | 4,649,998 | 374,212 | 0.59 | 199.32 | 5.44 | 36.62 | 0.14 |
|  | 10 | 2,860 | 15,624 | 582,062 | 20,007 | 626,611 | 10 | 4,658,321 | 389,798 | 0.61 | 203.52 | 5.46 | 37.25 | 0.16 |
|  | 11 | 2,611 | 14,026 | 527,016 | 19,077 | 568,850 | 8 | 4,675,326 | 378,300 | 0.56 | 201.84 | 5.37 | 37.57 | 0.14 |
|  | 12 | 2,493 | 12,354 | 462,664 | 15,992 | 498,270 | 7 | 4,703,789 | 393,252 | 0.53 | 185.59 | 4.96 | 37.45 | 0.14 |
| 2007 | 1 | 2,077 | 12,220 | 463,009 | 15,838 | 497,026 | 5 | 4,480,302 | 374,678 | 0.46 | 222.92 | 5.88 | 37.89 | 0.10 |
|  | 2 | 1,801 | 10,737 | 408,036 | 13,975 | 435,944 | 7 | 4,431,584 | 338,291 | 0.41 | 226.56 | 5.96 | 38.00 | 0.16 |
|  | 3 | 1,793 | 9,197 | 349,896 | 12,241 | 378,031 | 5 | 4,439,746 | 374,977 | 0.40 | 195.15 | 5.13 | 38.04 | 0.13 |
|  | 4 | 1,828 | 10,563 | 412,795 | 14,343 | 443,243 | 6 | 4,690,034 | 383,504 | 0.39 | 225.82 | 5.78 | 39.08 | 0.14 |
|  | 5 | 1,902 | 10,931 | 411,434 | 14,048 | 440,425 | 12 | 4,758,684 | 398,031 | 0.40 | 216.32 | 5.75 | 37.64 | 0.27 |
|  | 6 | 1,850 | 10,339 | 393,165 | 13,572 | 421,512 | 8 | 4,785,224 | 385,964 | 0.39 | 212.52 | 5.59 | 38.03 | 0.19 |
|  | 7 | 1,806 | 10,712 | 411,848 | 14,212 | 443,636 | 4 | 4,753,779 | 397,510 | 0.38 | 228.04 | 5.93 | 38.45 | 0.09 |
|  | 8 | 1,944 | 11,046 | 425,978 | 14,667 | 456,024 | 8 | 6,290,445 | 407,027 | 0.31 | 219.12 | 5.68 | 38.56 | 0.18 |
|  | 9 | 2,577 | 13,425 | 497,892 | 17,187 | 535,672 | 8 | 6,337,292 | 510,536 | 0.41 | 193.21 | 5.21 | 37.09 | 0.15 |
|  | 10 | 3,085 | 16,583 | 611,811 | 20,883 | 657,924 | 8 | 6,340,964 | 531,010 | 0.49 | 198.32 | 5.38 | 36.89 | 0.12 |
|  | 11 | 2,765 | 14,617 | 540,674 | 18,536 | 580,320 | 12 | 6,365,917 | 515,085 | 0.43 | 195.54 | 5.29 | 36.99 | 0.21 |


| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12 | 2,687 | 13,665 | 500,757 | 17,092 | 536,281 | 10 | 6,400,649 | 535,148 | 0.42 | 186.36 | 5.09 | 36.65 | 0.19 |
| 2008 | 1 | 2,880 | 15,044 | 553,395 | 18,964 | 595,273 | 10 | 6,128,202 | 512,631 | 0.47 | 192.15 | 5.22 | 36.79 | 0.17 |
|  | 2 | 2,488 | 13,188 | 498,949 | 17,366 | 532,813 | 13 | 6,114,940 | 479,739 | 0.41 | 200.54 | 5.30 | 37.83 | 0.24 |
|  | 3 | 2,472 | 12,311 | 466,849 | 15,952 | 501,840 | 8 | 9,632,661 | 521,670 | 0.26 | 188.85 | 4.98 | 37.92 | 0.16 |
|  | 4 | 5,207 | 24,690 | 1,078,061 | 37,213 | 1,143,238 | 30 | 9,504,716 | 777,889 | 0.55 | 207.04 | 4.74 | 43.66 | 0.26 |
|  | 5 | 4,662 | 21,767 | 919,286 | 31,290 | 980,300 | 16 | 9,673,567 | 806,731 | 0.48 | 197.19 | 4.67 | 42.23 | 0.16 |
|  | 6 | 4,221 | 19,776 | 826,555 | 28,540 | 882,151 | 15 | 9,717,918 | 782,171 | 0.43 | 195.82 | 4.69 | 41.80 | 0.17 |
|  | 7 | 3,842 | 17,667 | 734,439 | 25,229 | 785,292 | 4 | 9,717,361 | 810,476 | 0.40 | 191.16 | 4.60 | 41.57 | 0.05 |
|  | 8 | 3,407 | 15,789 | 654,933 | 22,910 | 699,839 | 5 | 9,748,646 | 814,788 | 0.35 | 192.23 | 4.63 | 41.48 | 0.07 |
|  | 9 | 3,416 | 16,058 | 640,697 | 21,895 | 680,675 | 20 | 9,832,746 | 790,451 | 0.35 | 187.56 | 4.70 | 39.90 | 0.29 |
|  | 10 | 3,547 | 16,752 | 685,303 | 24,221 | 729,970 | 8 | 9,844,090 | 823,447 | 0.36 | 193.21 | 4.72 | 40.91 | 0.11 |
|  | 11 | 2,987 | 13,357 | 539,595 | 18,480 | 574,314 | 5 | 9,867,241 | 798,185 | 0.30 | 180.65 | 4.47 | 40.40 | 0.09 |
|  | 12 | 3,164 | 13,772 | 565,086 | 19,820 | 599,701 | 13 | 9,923,489 | 828,462 | 0.32 | 178.60 | 4.35 | 41.03 | 0.22 |
| 2009 | 1 | 3,432 | 19,544 | 781,595 | 26,779 | 830,216 | 12 | 9,150,885 | 765,491 | 0.38 | 227.74 | 5.69 | 39.99 | 0.14 |
|  | 2 | 2,958 | 15,665 | 623,774 | 21,545 | 662,879 | 19 | 9,016,354 | 688,930 | 0.33 | 210.88 | 5.30 | 39.82 | 0.29 |
|  | 3 | 2,967 | 14,677 | 601,835 | 20,798 | 641,449 | 10 | 8,982,054 | 759,679 | 0.33 | 202.84 | 4.95 | 41.01 | 0.16 |
|  | 4 | 3,203 | 15,161 | 633,585 | 21,593 | 673,971 | 18 | 9,609,267 | 786,785 | 0.33 | 197.81 | 4.73 | 41.79 | 0.27 |
|  | 5 | 2,883 | 13,182 | 549,559 | 18,734 | 584,679 | 9 | 9,756,050 | 814,605 | 0.30 | 190.62 | 4.57 | 41.69 | 0.15 |
|  | 6 | 2,829 | 13,097 | 552,497 | 18,642 | 584,194 | 11 | 9,801,290 | 790,794 | 0.29 | 195.30 | 4.63 | 42.19 | 0.19 |
|  | 7 | 2,199 | 9,354 | 405,246 | 13,703 | 426,523 | 13 | 9,757,173 | 816,735 | 0.23 | 184.29 | 4.25 | 43.32 | 0.30 |
|  | 8 | 2,145 | 9,716 | 419,771 | 14,209 | 444,125 | 15 | 9,767,978 | 817,995 | 0.22 | 195.70 | 4.53 | 43.20 | 0.34 |
|  | 9 | 2,050 | 9,343 | 397,044 | 13,486 | 417,690 | 11 | 9,824,203 | 791,943 | 0.21 | 193.68 | 4.56 | 42.50 | 0.26 |
|  | 10 | 2,101 | 9,161 | 395,591 | 13,444 | 419,124 | 7 | 9,803,018 | 821,362 | 0.21 | 188.29 | 4.36 | 43.18 | 0.17 |
|  | 11 | 1,926 | 7,798 | 324,765 | 11,040 | 342,522 | 11 | 9,815,869 | 795,732 | 0.20 | 168.62 | 4.05 | 41.65 | 0.32 |
|  | 12 | 1,983 | 7,836 | 327,356 | 11,109 | 346,638 | 12 | 9,856,830 | 824,499 | 0.20 | 165.08 | 3.95 | 41.78 | 0.35 |
| 2010 | 1 | 1,623 | 7,648 | 320,333 | 10,822 | 338,143 | 9 | 8,922,276 | 748,335 | 0.18 | 197.37 | 4.71 | 41.88 | 0.27 |
|  | 2 | 1,483 | 5,788 | 250,113 | 8,498 | 263,088 | 8 | 8,804,021 | 672,813 | 0.17 | 168.65 | 3.90 | 43.21 | 0.30 |
|  | 3 | 1,625 | 6,516 | 276,703 | 9,390 | 292,232 | 10 | 8,770,170 | 741,995 | 0.19 | 170.28 | 4.01 | 42.47 | 0.34 |
|  | 4 | 1,729 | 7,845 | 332,403 | 11,242 | 352,519 | 12 | 9,486,066 | 776,867 | 0.18 | 192.25 | 4.54 | 42.37 | 0.34 |
|  | 5 | 1,547 | 6,602 | 280,898 | 9,476 | 296,939 | 6 | 9,586,061 | 801,498 | 0.16 | 181.58 | 4.27 | 42.55 | 0.20 |
|  | 6 | 1,706 | 7,363 | 308,103 | 10,436 | 326,158 | 5 | 9,619,728 | 776,568 | 0.18 | 180.60 | 4.32 | 41.84 | 0.15 |
|  | 7 | 1,507 | 6,430 | 265,958 | 8,989 | 280,295 | 7 | 9,553,341 | 800,411 | 0.16 | 176.48 | 4.27 | 41.36 | 0.25 |
|  | 8 | 1,372 | 5,919 | 259,733 | 8,764 | 273,357 | 4 | 9,544,738 | 799,593 | 0.14 | 189.31 | 4.31 | 43.88 | 0.15 |
|  | 9 | 1,287 | 5,433 | 223,008 | 7,638 | 235,650 | 7 | 9,583,923 | 773,402 | 0.13 | 173.28 | 4.22 | 41.05 | 0.30 |
|  | 10 | 1,271 | 5,465 | 229,122 | 7,720 | 241,934 | 7 | 9,549,687 | 800,616 | 0.13 | 180.27 | 4.30 | 41.93 | 0.29 |


| Year | Month | Users |  |  | Amount Supplied | D | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K <br> Eligible <br> Members | Days <br> Supplied/ <br> User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11 | 1,146 | 5,061 | 206,414 | 7,017 | 218,350 | 6 | 9,562,431 | 775,005 | 0.12 | 180.12 | 4.42 | $40.79$ | $0.27$ |
|  | 12 | 1,120 | 4,357 | 175,591 | 5,964 | 186,843 | 2 | 9,599,798 | 803,578 | 0.12 | 156.78 | 3.89 | 40.30 | 0.11 |
| 2011 | 1 | 1,171 | 5,075 | 217,321 | 7,343 | 229,289 | 2 | 8,678,283 | 727,520 | 0.13 | 185.59 | 4.33 | 42.82 | 0.09 |
|  | 2 | 954 | 4,099 | 176,586 | 5,955 | 185,846 | 5 | 8,572,530 | 655,458 | 0.11 | 185.10 | 4.30 | 43.08 | 0.27 |
|  | 3 | 1,028 | 4,353 | 183,919 | 6,195 | 194,413 | 7 | 8,574,260 | 725,460 | 0.12 | 178.91 | 4.23 | 42.25 | 0.36 |
|  | 4 | 1,128 | 4,533 | 192,537 | 6,489 | 202,212 | 8 | 9,260,703 | 758,504 | 0.12 | 170.69 | 4.02 | 42.47 | 0.40 |
|  | 5 | 1,067 | 4,108 | 171,749 | 5,789 | 182,136 | 5 | 9,360,528 | 784,299 | 0.11 | 160.96 | 3.85 | 41.81 | 0.27 |
|  | 6 | 998 | 3,849 | 160,529 | 5,439 | 169,269 | 4 | 9,367,712 | 758,943 | 0.11 | 160.85 | 3.86 | 41.71 | 0.24 |
|  | 7 | 875 | 3,367 | 141,738 | 4,831 | 150,519 | 1 | 9,291,677 | 778,356 | 0.09 | 161.99 | 3.85 | 42.10 | 0.07 |
|  | 8 | 827 | 3,320 | 140,251 | 4,760 | 148,088 | 1 | 9,303,662 | 778,970 | 0.09 | 169.59 | 4.01 | 42.24 | 0.07 |
|  | 9 | 809 | 2,970 | 128,443 | 4,387 | 135,875 | 4 | 9,365,438 | 754,659 | 0.09 | 158.77 | 3.67 | 43.25 | 0.29 |
|  | 10 | 809 | 3,276 | 131,892 | 4,629 | 139,546 | 3 | 9,360,879 | 784,169 | 0.09 | 163.03 | 4.05 | 40.26 | 0.21 |
|  | 11 | 721 | 2,835 | 117,616 | 4,012 | 123,281 | 2 | 9,390,108 | 760,495 | 0.08 | 163.13 | 3.93 | 41.49 | 0.16 |
|  | 12 | 692 | 2,689 | 107,222 | 3,659 | 113,306 | 3 | 9,440,883 | 789,173 | 0.07 | 154.95 | 3.89 | 39.87 | 0.26 |
| 2012 | 1 | 695 | 2,564 | 110,655 | 3,772 | 116,230 | 1 | 8,596,939 | 720,405 | 0.08 | 159.22 | 3.69 | 43.16 | 0.09 |
|  | 2 | 616 | 2,462 | 107,713 | 3,678 | 113,283 | 2 | 8,589,696 | 673,771 | 0.07 | 174.86 | 4.00 | 43.75 | 0.18 |
|  | 3 | 664 | 2,727 | 111,244 | 3,808 | 116,403 | 3 | 9,301,298 | 721,125 | 0.07 | 167.54 | 4.11 | 40.79 | 0.26 |
|  | 4 | 984 | 4,271 | 191,828 | 6,530 | 201,578 | 4 | 9,190,969 | 752,896 | 0.11 | 194.95 | 4.34 | 44.91 | 0.20 |
|  | 5 | 1,174 | 5,284 | 215,226 | 7,353 | 227,265 | 8 | 9,292,756 | 778,331 | 0.13 | 183.33 | 4.50 | 40.73 | 0.35 |
|  | 6 | 1,041 | 4,539 | 189,505 | 6,461 | 200,927 | 7 | 9,295,555 | 753,300 | 0.11 | 182.04 | 4.36 | 41.75 | 0.35 |
|  | 7 | 993 | 4,338 | 183,114 | 6,234 | 193,203 | 4 | 9,226,760 | 772,921 | 0.11 | 184.40 | 4.37 | 42.21 | 0.21 |
|  | 8 | 970 | 4,373 | 184,342 | 6,279 | 192,932 | 5 | 9,241,606 | 774,045 | 0.10 | 190.04 | 4.51 | 42.15 | 0.26 |
|  | 9 | 954 | 4,065 | 167,212 | 5,732 | 176,673 | 1 | 9,315,692 | 749,671 | 0.10 | 175.27 | 4.26 | 41.13 | 0.06 |
|  | 10 | 1,055 | 4,503 | 183,897 | 6,261 | 193,052 | 6 | 9,312,081 | 780,406 | 0.11 | 174.31 | 4.27 | 40.84 | 0.31 |
|  | 11 | 894 | 3,551 | 145,694 | 4,986 | 152,866 | 3 | 9,336,383 | 756,238 | 0.10 | 162.97 | 3.97 | 41.03 | 0.20 |
|  | 12 | 700 | 2,635 | 113,276 | 3,864 | 119,345 | 2 | 9,373,222 | 784,733 | 0.07 | 161.82 | 3.76 | 42.99 | 0.17 |
| 2013 | 1 | 757 | 3,344 | 137,377 | 4,681 | 144,742 | 1 | 8,684,970 | 728,165 | 0.09 | 181.48 | 4.42 | 41.08 | 0.07 |
|  | 2 | 676 | 2,588 | 110,645 | 3,772 | 116,553 | 1 | 8,576,098 | 655,764 | 0.08 | 163.68 | 3.83 | 42.75 | 0.09 |
|  | 3 | 705 | 2,779 | 115,910 | 3,949 | 121,959 | 5 | 8,573,729 | 725,505 | 0.08 | 164.41 | 3.94 | 41.71 | 0.41 |
|  | 4 | 924 | 3,412 | 146,790 | 4,998 | 154,849 | 5 | 9,306,917 | 762,471 | 0.10 | 158.86 | 3.69 | 43.02 | 0.32 |
|  | 5 | 839 | 2,663 | 117,938 | 4,013 | 123,656 | 7 | 9,402,786 | 788,138 | 0.09 | 140.57 | 3.17 | 44.29 | 0.57 |
|  | 6 | 750 | 2,517 | 106,994 | 3,639 | 112,921 | 0 | 9,411,853 | 762,501 | 0.08 | 142.66 | 3.36 | 42.51 | 0.00 |
|  | 7 | 751 | 2,308 | 99,239 | 3,369 | 104,486 | 3 | 9,378,388 | 785,976 | 0.08 | 132.14 | 3.07 | 43.00 | 0.29 |
|  | 8 | 814 | 2,400 | 98,242 | 3,356 | 103,786 | 1 | 9,386,047 | 786,677 | 0.09 | 120.69 | 2.95 | 40.93 | 0.10 |
|  | 9 | 715 | 1,980 | 81,276 | 2,769 | 85,616 | 3 | 9,543,416 | 761,896 | 0.07 | 113.67 | 2.77 | 41.05 | 0.35 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month 10 | Users 860 | $2,136$ | $88,879$ | $3,024$ | $93,465$ | $4$ | $9,537,239$ | $799,604$ | $0.09$ | $103.35$ | $2.48$ | $41.61$ | $0.43$ |
|  | 11 | 744 | 1,697 | 67,427 | 2,301 | 70,820 | 0 | 9,552,787 | 774,361 | 0.08 | 90.63 | 2.28 | 39.73 | 0.00 |
|  | 12 | 745 | 1,471 | 53,246 | 1,814 | 55,606 | 3 | 9,561,448 | 799,956 | 0.08 | 71.47 | 1.97 | 36.20 | 0.54 |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 6 | 169 | 6,489 | 224 | 7,036 | 0 | 152,329 | 11,883 | 0.04 | 1081.50 | 28.17 | 38.40 | 0.00 |
|  | 2 | 2 | 34 | 1,479 | 52 | 1,571 | 0 | 141,615 | 10,746 | 0.01 | 739.50 | 17.00 | 43.50 | 0.00 |
|  | 3 | 7 | 239 | 7,583 | 261 | 8,088 | 0 | 142,824 | 11,948 | 0.05 | 1083.29 | 34.14 | 31.73 | 0.00 |
|  | 4 | 192 | 5,542 | 206,153 | 7,095 | 218,992 | 2 | 3,005,942 | 243,863 | 0.06 | 1073.71 | 28.86 | 37.20 | 0.09 |
|  | 5 | 214 | 5,648 | 228,313 | 7,790 | 241,301 | 6 | 3,063,600 | 253,786 | 0.07 | 1066.88 | 26.39 | 40.42 | 0.25 |
|  | 6 | 217 | 6,381 | 238,197 | 8,585 | 252,026 | 3 | 3,083,401 | 246,833 | 0.07 | 1097.68 | 29.41 | 37.33 | 0.12 |
|  | 7 | 220 | 6,348 | 245,932 | 8,390 | 261,749 | 1 | 3,105,355 | 256,129 | 0.07 | 1117.87 | 28.85 | 38.74 | 0.04 |
|  | 8 | 220 | 5,796 | 227,467 | 7,803 | 240,442 | 7 | 3,123,330 | 258,290 | 0.07 | 1033.94 | 26.35 | 39.25 | 0.29 |
|  | 9 | 214 | 5,859 | 227,519 | 7,763 | 241,160 | 3 | 3,152,977 | 252,535 | 0.07 | 1063.17 | 27.38 | 38.83 | 0.12 |
|  | 10 | 248 | 6,600 | 260,585 | 8,914 | 277,659 | 2 | 3,160,334 | 263,014 | 0.08 | 1050.75 | 26.61 | 39.48 | 0.07 |
|  | 11 | 235 | 6,018 | 242,203 | 9,142 | 257,221 | 2 | 3,167,544 | 255,167 | 0.07 | 1030.65 | 25.61 | 40.25 | 0.08 |
|  | 12 | 206 | 5,430 | 212,462 | 7,358 | 225,049 | 3 | 3,181,219 | 264,716 | 0.06 | 1031.37 | 26.36 | 39.13 | 0.13 |
| 2007 | 1 | 209 | 5,936 | 231,877 | 7,901 | 246,714 | 1 | 3,188,051 | 248,817 | 0.07 | 1109.46 | 28.40 | 39.06 | 0.04 |
|  | 2 | 193 | 5,442 | 214,386 | 7,345 | 225,380 | 3 | 2,957,846 | 223,447 | 0.07 | 1110.81 | 28.20 | 39.39 | 0.13 |
|  | 3 | 157 | 4,324 | 164,232 | 5,612 | 175,390 | 3 | 2,949,726 | 246,653 | 0.05 | 1046.06 | 27.54 | 37.98 | 0.17 |
|  | 4 | 197 | 5,236 | 208,361 | 7,087 | 222,099 | 3 | 3,095,550 | 250,231 | 0.06 | 1057.67 | 26.58 | 39.79 | 0.14 |
|  | 5 | 180 | 4,937 | 182,604 | 6,246 | 193,715 | 5 | 3,120,435 | 259,225 | 0.06 | 1014.47 | 27.43 | 36.99 | 0.26 |
|  | 6 | 189 | 4,621 | 189,805 | 6,451 | 200,679 | 1 | 3,131,517 | 251,248 | 0.06 | 1004.26 | 24.45 | 41.07 | 0.05 |
|  | 7 | 216 | 5,560 | 227,590 | 7,698 | 241,784 | 0 | 3,138,253 | 259,556 | 0.07 | 1053.66 | 25.74 | 40.93 | 0.00 |
|  | 8 | 203 | 5,149 | 213,955 | 7,291 | 227,359 | 1 | 4,079,326 | 265,281 | 0.05 | 1053.97 | 25.36 | 41.55 | 0.04 |
|  | 9 | 209 | 5,500 | 219,744 | 7,605 | 233,504 | 2 | 4,111,629 | 330,012 | 0.05 | 1051.41 | 26.32 | 39.95 | 0.09 |
|  | 10 | 266 | 6,908 | 271,431 | 9,226 | 288,993 | 1 | 4,116,159 | 342,217 | 0.06 | 1020.42 | 25.97 | 39.29 | 0.03 |
|  | 11 | 218 | 5,800 | 227,194 | 7,687 | 239,104 | 4 | 4,117,566 | 331,488 | 0.05 | 1042.17 | 26.61 | 39.17 | 0.17 |
|  | 12 | 206 | 5,538 | 209,703 | 7,163 | 222,359 | 4 | 4,131,020 | 344,125 | 0.05 | 1017.98 | 26.88 | 37.87 | 0.18 |
| 2008 | 1 | 222 | 5,774 | 229,414 | 7,844 | 244,005 | 2 | 4,141,524 | 324,428 | 0.05 | 1033.40 | 26.01 | 39.73 | 0.08 |
|  | 2 | 206 | 5,225 | 215,380 | 7,497 | 227,236 | 5 | 3,876,760 | 301,806 | 0.05 | 1045.53 | 25.36 | 41.22 | 0.22 |
|  | 3 | 194 | 5,353 | 207,465 | 7,084 | 220,684 | 1 | 5,759,803 | 326,812 | 0.03 | 1069.41 | 27.59 | 38.76 | 0.05 |
|  | 4 | 397 | 8,589 | 397,619 | 13,540 | 417,091 | 8 | 5,735,890 | 463,023 | 0.07 | 1001.56 | 21.63 | 46.29 | 0.19 |
|  | 5 | 321 | 7,056 | 324,466 | 11,008 | 342,517 | 1 | 5,796,467 | 478,752 | 0.06 | 1010.80 | 21.98 | 45.98 | 0.03 |
|  | 6 | 276 | 6,218 | 277,820 | 9,554 | 293,066 | 4 | 5,813,806 | 464,850 | 0.05 | 1006.59 | 22.53 | 44.68 | 0.14 |
|  | 7 | 248 | 5,721 | 247,182 | 8,392 | 261,398 | 2 | 5,839,522 | 480,764 | 0.04 | 996.70 | 23.07 | 43.21 | 0.08 |



Mini-Sentinel

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



Mini-Sentinel

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 78 | 465 | 16,035 | 562 | 17,682 | 1 | 236,012 | 19,719 | 0.33 | 205.58 | 5.96 | 34.48 | 0.57 |
|  | 2 | 63 | 294 | 9,894 | 357 | 10,176 | 1 | 234,989 | 17,904 | 0.27 | 157.05 | 4.67 | 33.65 | 0.98 |
|  | 3 | 72 | 454 | 16,208 | 557 | 16,463 | 2 | 237,641 | 19,983 | 0.30 | 225.11 | 6.31 | 35.70 | 1.21 |
|  | 4 | 2,371 | 14,689 | 518,808 | 18,028 | 550,085 | 65 | 4,446,408 | 363,103 | 0.53 | 218.81 | 6.20 | 35.32 | 1.18 |
|  | 5 | 2,692 | 16,046 | 589,994 | 20,292 | 614,993 | 68 | 4,528,026 | 377,176 | 0.59 | 219.17 | 5.96 | 36.77 | 1.11 |
|  | 6 | 2,739 | 16,147 | 585,094 | 20,656 | 613,174 | 64 | 4,540,001 | 365,270 | 0.60 | 213.62 | 5.90 | 36.24 | 1.04 |
|  | 7 | 2,466 | 15,206 | 562,271 | 19,259 | 587,326 | 64 | 4,546,064 | 378,180 | 0.54 | 228.01 | 6.17 | 36.98 | 1.09 |
|  | 8 | 2,749 | 15,382 | 572,936 | 20,028 | 604,201 | 56 | 4,589,715 | 381,078 | 0.60 | 208.42 | 5.60 | 37.25 | 0.93 |
|  | 9 | 2,689 | 14,619 | 534,593 | 18,378 | 563,715 | 53 | 4,629,029 | 372,088 | 0.58 | 198.81 | 5.44 | 36.57 | 0.94 |
|  | 10 | 2,805 | 15,312 | 570,841 | 19,620 | 602,392 | 52 | 4,637,650 | 387,590 | 0.60 | 203.51 | 5.46 | 37.28 | 0.86 |
|  | 11 | 2,565 | 13,770 | 517,186 | 18,774 | 546,660 | 40 | 4,654,746 | 376,178 | 0.55 | 201.63 | 5.37 | 37.56 | 0.73 |
|  | 12 | 2,434 | 12,143 | 454,880 | 15,721 | 476,138 | 58 | 4,683,058 | 391,049 | 0.52 | 186.89 | 4.99 | 37.46 | 1.22 |
| 2007 | 1 | 2,052 | 12,080 | 458,180 | 15,674 | 478,615 | 44 | 4,461,001 | 372,594 | 0.46 | 223.28 | 5.89 | 37.93 | 0.92 |



| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2010 | 1 | 1,611 | 7,520 | 316,594 | 10,694 | 328,076 | 31 | 8,882,346 | 744,043 | 0.18 | 196.52 | 4.67 | 42.10 | 0.94 |
|  | 2 | 1,472 | 5,742 | 248,534 | 8,446 | 257,753 | 31 | 8,762,441 | 668,898 | 0.17 | 168.84 | 3.90 | 43.28 | 1.20 |
|  | 3 | 1,616 | 6,416 | 272,173 | 9,235 | 282,486 | 40 | 8,729,372 | 737,633 | 0.19 | 168.42 | 3.97 | 42.42 | 1.42 |
|  | 4 | 1,706 | 7,708 | 325,760 | 11,012 | 339,195 | 41 | 9,441,399 | 772,229 | 0.18 | 190.95 | 4.52 | 42.26 | 1.21 |
|  | 5 | 1,522 | 6,532 | 277,164 | 9,349 | 283,167 | 45 | 9,541,227 | 796,721 | 0.16 | 182.11 | 4.29 | 42.43 | 1.59 |
|  | 6 | 1,693 | 7,239 | 303,940 | 10,295 | 316,470 | 35 | 9,574,628 | 771,945 | 0.18 | 179.53 | 4.28 | 41.99 | 1.11 |
|  | 7 | 1,486 | 6,369 | 263,927 | 8,920 | 274,335 | 35 | 9,508,892 | 795,641 | 0.16 | 177.61 | 4.29 | 41.44 | 1.28 |
|  | 8 | 1,347 | 5,822 | 254,214 | 8,587 | 261,616 | 27 | 9,500,490 | 794,863 | 0.14 | 188.73 | 4.32 | 43.66 | 1.03 |
|  | 9 | 1,275 | 5,360 | 219,883 | 7,532 | 227,107 | 27 | 9,539,720 | 768,846 | 0.13 | 172.46 | 4.20 | 41.02 | 1.19 |
|  | 10 | 1,255 | 5,340 | 224,958 | 7,584 | 233,938 | 26 | 9,505,352 | 795,888 | 0.13 | 179.25 | 4.25 | 42.13 | 1.11 |
|  | 11 | 1,127 | 5,016 | 204,707 | 6,960 | 213,725 | 22 | 9,518,251 | 770,465 | 0.12 | 181.64 | 4.45 | 40.81 | 1.03 |
|  | 12 | 1,097 | 4,281 | 172,972 | 5,880 | 180,905 | 16 | 9,556,615 | 798,853 | 0.11 | 157.68 | 3.90 | 40.40 | 0.88 |
| 2011 | 1 | 1,150 | 5,015 | 215,151 | 7,271 | 222,658 | 30 | 8,638,098 | 723,191 | 0.13 | 187.09 | 4.36 | 42.90 | 1.35 |
|  | 2 | 936 | 4,070 | 174,442 | 5,886 | 179,581 | 20 | 8,530,488 | 651,429 | 0.11 | 186.37 | 4.35 | 42.86 | 1.11 |
|  | 3 | 1,009 | 4,274 | 179,281 | 6,037 | 187,958 | 15 | 8,531,955 | 720,974 | 0.12 | 177.68 | 4.24 | 41.95 | 0.80 |
|  | 4 | 1,120 | 4,508 | 191,101 | 6,446 | 198,225 | 22 | 9,214,296 | 753,789 | 0.12 | 170.63 | 4.03 | 42.39 | 1.11 |
|  | 5 | 1,060 | 4,107 | 171,070 | 5,769 | 178,892 | 24 | 9,315,523 | 779,485 | 0.11 | 161.39 | 3.87 | 41.65 | 1.34 |
|  | 6 | 981 | 3,726 | 156,563 | 5,303 | 163,111 | 18 | 9,323,493 | 754,337 | 0.11 | 159.60 | 3.80 | 42.02 | 1.10 |
|  | 7 | 855 | 3,279 | 138,061 | 4,704 | 143,868 | 16 | 9,247,299 | 773,643 | 0.09 | 161.47 | 3.84 | 42.10 | 1.11 |
|  | 8 | 826 | 3,316 | 141,294 | 4,794 | 148,026 | 10 | 9,259,945 | 774,289 | 0.09 | 171.06 | 4.01 | 42.61 | 0.68 |
|  | 9 | 804 | 2,950 | 127,312 | 4,348 | 133,864 | 15 | 9,321,452 | 750,143 | 0.09 | 158.35 | 3.67 | 43.16 | 1.12 |
|  | 10 | 800 | 3,221 | 130,647 | 4,583 | 134,758 | 16 | 9,317,027 | 779,507 | 0.09 | 163.31 | 4.03 | 40.56 | 1.19 |
|  | 11 | 713 | 2,805 | 116,336 | 3,970 | 119,848 | 9 | 9,346,672 | 756,000 | 0.08 | 163.16 | 3.93 | 41.47 | 0.75 |
|  | 12 | 683 | 2,679 | 105,874 | 3,614 | 110,340 | 11 | 9,397,930 | 784,562 | 0.07 | 155.01 | 3.92 | 39.52 | 1.00 |
| 2012 | 1 | 688 | 2,542 | 109,424 | 3,727 | 112,960 | 13 | 8,558,073 | 716,226 | 0.08 | 159.05 | 3.69 | 43.05 | 1.15 |
|  | 2 | 605 | 2,429 | 106,268 | 3,628 | 108,896 | 18 | 8,550,283 | 669,901 | 0.07 | 175.65 | 4.01 | 43.75 | 1.65 |
|  | 3 | 652 | 2,674 | 109,671 | 3,757 | 114,037 | 9 | 9,257,986 | 716,972 | 0.07 | 168.21 | 4.10 | 41.01 | 0.79 |
|  | 4 | 968 | 4,246 | 190,543 | 6,487 | 196,712 | 21 | 9,147,960 | 748,465 | 0.11 | 196.84 | 4.39 | 44.88 | 1.07 |
|  | 5 | 1,140 | 5,185 | 210,808 | 7,201 | 219,185 | 23 | 9,249,806 | 773,694 | 0.12 | 184.92 | 4.55 | 40.66 | 1.05 |
|  | 6 | 1,023 | 4,475 | 185,872 | 6,339 | 195,579 | 23 | 9,251,492 | 748,769 | 0.11 | 181.69 | 4.37 | 41.54 | 1.18 |
|  | 7 | 974 | 4,236 | 179,005 | 6,096 | 184,373 | 26 | 9,183,168 | 768,246 | 0.11 | 183.78 | 4.35 | 42.26 | 1.41 |
|  | 8 | 948 | 4,281 | 181,329 | 6,175 | 186,691 | 21 | 9,198,297 | 769,394 | 0.10 | 191.28 | 4.52 | 42.36 | 1.12 |
|  | 9 | 946 | 4,017 | 165,491 | 5,674 | 172,262 | 21 | 9,271,460 | 745,178 | 0.10 | 174.94 | 4.25 | 41.20 | 1.22 |
|  | 10 | 1,035 | 4,441 | 181,165 | 6,166 | 187,538 | 23 | 9,268,921 | 775,742 | 0.11 | 175.04 | 4.29 | 40.79 | 1.23 |
|  | 11 | 884 | 3,507 | 144,064 | 4,932 | 150,455 | 9 | 9,292,751 | 751,735 | 0.10 | 162.97 | 3.97 | 41.08 | 0.60 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | Member- <br> Years | Users / 1K Eligible <br> Members | Days Supplied/ User | Dispensings / <br> User | Days <br> Supplied/ <br> Dispensing | Episodes w/ <br> Events / 10K <br> Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $12$ | $691$ | $2,602$ | $112,105$ | $3,825$ | $116,655$ | $13$ | $9,329,830$ | $780,075$ | $0.07$ | $162.24$ | $3.77$ | $43.08$ | $1.11$ |
| 2013 | 1 | 742 | 3,307 | 135,321 | 4,612 | 140,259 | 13 | 8,645,427 | 723,872 | 0.09 | 182.37 | 4.46 | 40.92 | 0.93 |
|  | 2 | 666 | 2,510 | 108,291 | 3,694 | 112,574 | 12 | 8,534,921 | 651,850 | 0.08 | 162.60 | 3.77 | 43.14 | 1.07 |
|  | 3 | 691 | 2,730 | 113,675 | 3,875 | 118,665 | 14 | 8,532,602 | 721,175 | 0.08 | 164.51 | 3.95 | 41.64 | 1.18 |
|  | 4 | 894 | 3,311 | 142,959 | 4,866 | 147,597 | 21 | 9,262,469 | 757,864 | 0.10 | 159.91 | 3.70 | 43.18 | 1.42 |
|  | 5 | 829 | 2,636 | 116,984 | 3,978 | 121,995 | 15 | 9,358,748 | 783,381 | 0.09 | 141.11 | 3.18 | 44.38 | 1.23 |
|  | 6 | 727 | 2,446 | 103,649 | 3,525 | 108,027 | 11 | 9,366,116 | 757,850 | 0.08 | 142.57 | 3.36 | 42.37 | 1.02 |
|  | 7 | 747 | 2,294 | 98,527 | 3,347 | 102,997 | 14 | 9,333,534 | 781,135 | 0.08 | 131.90 | 3.07 | 42.95 | 1.36 |
|  | 8 | 801 | 2,358 | 96,350 | 3,295 | 100,674 | 11 | 9,340,442 | 781,815 | 0.09 | 120.29 | 2.94 | 40.86 | 1.09 |
|  | 9 | 701 | 1,967 | 80,826 | 2,753 | 84,335 | 9 | 9,496,972 | 757,203 | 0.07 | 115.30 | 2.81 | 41.09 | 1.07 |
|  | 10 | 838 | 2,073 | 86,772 | 2,953 | 90,458 | 17 | 9,491,704 | 794,684 | 0.09 | 103.55 | 2.47 | 41.86 | 1.88 |
|  | 11 | 731 | 1,653 | 65,789 | 2,245 | 68,391 | 9 | 9,506,563 | 769,632 | 0.08 | 90.00 | 2.26 | 39.80 | 1.32 |
|  | 12 | 733 | 1,437 | 52,107 | 1,775 | 54,253 | 7 | 9,516,197 | 795,035 | 0.08 | 71.09 | 1.96 | 36.26 | 1.29 |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 6 | 169 | 6,489 | 224 | 7,035 | 1 | 151,621 | 11,815 | 0.04 | 1081.50 | 28.17 | 38.40 | 1.42 |
|  | 2 | 2 | 34 | 1,479 | 52 | 774 | 1 | 140,935 | 10,682 | 0.01 | 739.50 | 17.00 | 43.50 | 12.92 |
|  | 3 | 7 | 239 | 7,583 | 261 | 7,379 | 1 | 142,138 | 11,877 | 0.05 | 1083.29 | 34.14 | 31.73 | 1.36 |
|  | 4 | 189 | 5,450 | 202,474 | 6,969 | 210,046 | 13 | 2,992,585 | 242,521 | 0.06 | 1071.29 | 28.84 | 37.15 | 0.62 |
|  | 5 | 209 | 5,527 | 222,888 | 7,606 | 218,844 | 30 | 3,050,257 | 252,394 | 0.07 | 1066.45 | 26.44 | 40.33 | 1.37 |
|  | 6 | 211 | 6,161 | 231,921 | 8,366 | 231,424 | 28 | 3,070,038 | 245,475 | 0.07 | 1099.15 | 29.20 | 37.64 | 1.21 |
|  | 7 | 220 | 6,348 | 245,932 | 8,390 | 246,545 | 20 | 3,091,697 | 254,712 | 0.07 | 1117.87 | 28.85 | 38.74 | 0.81 |
|  | 8 | 216 | 5,697 | 223,569 | 7,670 | 227,080 | 20 | 3,109,598 | 256,859 | 0.07 | 1035.04 | 26.38 | 39.24 | 0.88 |
|  | 9 | 211 | 5,733 | 222,476 | 7,591 | 226,046 | 18 | 3,138,981 | 251,131 | 0.07 | 1054.39 | 27.17 | 38.81 | 0.80 |
|  | 10 | 244 | 6,494 | 256,388 | 8,770 | 264,400 | 16 | 3,146,513 | 261,549 | 0.08 | 1050.77 | 26.61 | 39.48 | 0.61 |
|  | 11 | 232 | 5,935 | 238,273 | 9,045 | 245,364 | 15 | 3,153,684 | 253,752 | 0.07 | 1027.04 | 25.58 | 40.15 | 0.61 |
|  | 12 | 202 | 5,315 | 208,517 | 7,223 | 211,920 | 19 | 3,167,245 | 263,243 | 0.06 | 1032.26 | 26.31 | 39.23 | 0.90 |
| 2007 | 1 | 209 | 5,936 | 231,877 | 7,901 | 233,792 | 23 | 3,174,003 | 247,440 | 0.07 | 1109.46 | 28.40 | 39.06 | 0.98 |
|  | 2 | 188 | 5,252 | 207,743 | 7,114 | 211,133 | 17 | 2,944,454 | 222,194 | 0.06 | 1105.02 | 27.94 | 39.56 | 0.81 |
|  | 3 | 156 | 4,314 | 163,332 | 5,582 | 168,904 | 11 | 2,936,160 | 245,230 | 0.05 | 1047.00 | 27.65 | 37.86 | 0.65 |
|  | 4 | 195 | 5,179 | 205,895 | 7,003 | 209,475 | 17 | 3,080,979 | 248,782 | 0.06 | 1055.87 | 26.56 | 39.76 | 0.81 |
|  | 5 | 175 | 4,797 | 178,017 | 6,086 | 179,983 | 20 | 3,106,160 | 257,721 | 0.06 | 1017.24 | 27.41 | 37.11 | 1.11 |
|  | 6 | 186 | 4,552 | 187,217 | 6,364 | 187,986 | 14 | 3,117,174 | 249,799 | 0.06 | 1006.54 | 24.47 | 41.13 | 0.74 |
|  | 7 | 211 | 5,425 | 222,294 | 7,519 | 231,032 | 14 | 3,123,941 | 258,050 | 0.07 | 1053.53 | 25.71 | 40.98 | 0.61 |
|  | 8 | 198 | 5,004 | 207,825 | 7,084 | 209,594 | 18 | 4,058,106 | 263,734 | 0.05 | 1049.62 | 25.27 | 41.53 | 0.86 |
|  | 9 | 206 | 5,442 | 216,151 | 7,485 | 222,826 | 14 | 4,091,410 | 327,992 | 0.05 | 1049.28 | 26.42 | 39.72 | 0.63 |


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes <br> w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 259 | 6,686 | 263,223 | 8,944 | 266,924 | 23 | 4,096,540 | 340,131 | 0.06 | 1016.31 | 25.81 | 39.37 | 0.86 |
|  | 11 | 215 | 5,739 | 224,914 | 7,611 | 226,034 | 22 | 4,097,760 | 329,476 | 0.05 | 1046.11 | 26.69 | 39.19 | 0.97 |
|  | 12 | 204 | 5,497 | 208,250 | 7,112 | 209,817 | 23 | 4,111,316 | 342,024 | 0.05 | 1020.83 | 26.95 | 37.88 | 1.10 |
| 2008 | 1 | 217 | 5,617 | 223,855 | 7,658 | 225,329 | 21 | 4,121,465 | 322,431 | 0.05 | 1031.59 | 25.88 | 39.85 | 0.93 |
|  | 2 | 202 | 5,130 | 211,156 | 7,354 | 218,118 | 17 | 3,857,521 | 299,937 | 0.05 | 1045.33 | 25.40 | 41.16 | 0.78 |
|  | 3 | 189 | 5,179 | 200,917 | 6,859 | 205,396 | 18 | 5,730,041 | 324,762 | 0.03 | 1063.05 | 27.40 | 38.79 | 0.88 |
|  | 4 | 392 | 8,496 | 393,065 | 13,384 | 398,565 | 36 | 5,708,178 | 460,242 | 0.07 | 1002.72 | 21.67 | 46.26 | 0.90 |
|  | 5 | 317 | 6,978 | 320,981 | 10,887 | 324,615 | 19 | 5,768,831 | 475,890 | 0.05 | 1012.56 | 22.01 | 46.00 | 0.59 |
|  | 6 | 271 | 6,134 | 272,624 | 9,399 | 277,015 | 20 | 5,786,106 | 462,081 | 0.05 | 1005.99 | 22.63 | 44.44 | 0.72 |
|  | 7 | 242 | 5,555 | 240,752 | 8,172 | 244,996 | 18 | 5,812,245 | 477,895 | 0.04 | 994.84 | 22.95 | 43.34 | 0.73 |
|  | 8 | 262 | 6,238 | 262,937 | 8,980 | 263,795 | 21 | 5,790,478 | 479,453 | 0.05 | 1003.58 | 23.81 | 42.15 | 0.80 |
|  | 9 | 254 | 6,065 | 249,647 | 8,575 | 254,429 | 29 | 5,830,718 | 464,966 | 0.04 | 982.86 | 23.88 | 41.16 | 1.14 |
|  | 10 | 270 | 6,256 | 272,393 | 9,568 | 275,714 | 20 | 5,834,514 | 482,833 | 0.05 | 1008.86 | 23.17 | 43.54 | 0.73 |
|  | 11 | 229 | 5,404 | 225,699 | 7,702 | 226,617 | 21 | 5,826,786 | 468,205 | 0.04 | 985.59 | 23.60 | 41.77 | 0.93 |
|  | 12 | 235 | 5,303 | 227,276 | 7,687 | 227,598 | 24 | 5,851,157 | 485,902 | 0.04 | 967.13 | 22.57 | 42.86 | 1.05 |
| 2009 | 1 | 337 | 8,303 | 345,204 | 11,695 | 340,311 | 41 | 5,858,455 | 445,715 | 0.06 | 1024.34 | 24.64 | 41.58 | 1.20 |
|  | 2 | 243 | 6,132 | 247,980 | 8,449 | 251,500 | 16 | 5,305,942 | 400,860 | 0.05 | 1020.49 | 25.23 | 40.44 | 0.64 |
|  | 3 | 243 | 5,669 | 236,720 | 8,013 | 237,711 | 24 | 5,299,890 | 443,746 | 0.05 | 974.16 | 23.33 | 41.76 | 1.01 |
|  | 4 | 230 | 5,715 | 229,309 | 7,807 | 234,058 | 23 | 5,654,405 | 457,699 | 0.04 | 997.00 | 24.85 | 40.12 | 0.98 |
|  | 5 | 205 | 4,649 | 200,284 | 6,759 | 204,866 | 11 | 5,719,701 | 474,284 | 0.04 | 977.00 | 22.68 | 43.08 | 0.54 |
|  | 6 | 244 | 5,746 | 239,402 | 8,084 | 240,792 | 22 | 5,755,255 | 460,652 | 0.04 | 981.16 | 23.55 | 41.66 | 0.91 |
|  | 7 | 163 | 3,589 | 157,769 | 5,264 | 157,147 | 20 | 5,762,413 | 474,662 | 0.03 | 967.91 | 22.02 | 43.96 | 1.27 |
|  | 8 | 209 | 5,008 | 206,114 | 7,035 | 209,393 | 14 | 5,719,200 | 475,081 | 0.04 | 986.19 | 23.96 | 41.16 | 0.67 |
|  | 9 | 184 | 4,245 | 177,477 | 6,015 | 176,166 | 18 | 5,758,102 | 460,131 | 0.03 | 964.55 | 23.07 | 41.81 | 1.02 |
|  | 10 | 177 | 3,705 | 165,871 | 5,648 | 170,370 | 12 | 5,758,499 | 478,022 | 0.03 | 937.12 | 20.93 | 44.77 | 0.70 |
|  | 11 | 127 | 3,029 | 118,556 | 4,043 | 124,063 | 5 | 5,755,624 | 463,460 | 0.02 | 933.51 | 23.85 | 39.14 | 0.40 |
|  | 12 | 156 | 3,364 | 140,576 | 4,786 | 141,425 | 18 | 5,782,251 | 480,285 | 0.03 | 901.13 | 21.56 | 41.79 | 1.27 |
| 2010 | 1 | 131 | 3,125 | 124,954 | 4,238 | 124,168 | 10 | 5,781,537 | 442,725 | 0.02 | 953.85 | 23.85 | 39.99 | 0.81 |
|  | 2 | 110 | 2,466 | 109,150 | 3,711 | 109,967 | 8 | 5,261,807 | 398,041 | 0.02 | 992.27 | 22.42 | 44.26 | 0.73 |
|  | 3 | 124 | 2,855 | 119,216 | 4,062 | 123,493 | 9 | 5,255,303 | 439,624 | 0.02 | 961.42 | 23.02 | 41.76 | 0.73 |
|  | 4 | 108 | 2,734 | 112,306 | 3,817 | 113,608 | 11 | 5,691,444 | 460,957 | 0.02 | 1039.87 | 25.31 | 41.08 | 0.97 |
|  | 5 | 117 | 2,680 | 115,251 | 3,879 | 116,470 | 10 | 5,755,148 | 477,404 | 0.02 | 985.05 | 22.91 | 43.00 | 0.86 |
|  | 6 | 99 | 2,309 | 98,413 | 3,353 | 99,575 | 8 | 5,785,045 | 463,178 | 0.02 | 994.07 | 23.32 | 42.62 | 0.80 |
|  | 7 | 108 | 2,588 | 108,439 | 3,702 | 110,858 | 5 | 5,786,358 | 477,055 | 0.02 | 1004.06 | 23.96 | 41.90 | 0.45 |
|  | 8 | 99 | 2,431 | 98,426 | 3,334 | 94,904 | 14 | 5,738,598 | 477,280 | 0.02 | 994.20 | 24.56 | 40.49 | 1.48 |

# Mini-Sentinel 

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


# Mini-Sentinel 

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

| Year | Month | Users | Dispensings | Days Supplied | Amount <br> Supplied | Days at Risk | Episodes w/ Events | Eligible <br> Members | MemberYears | Users / 1K Eligible Members | Days <br> Supplied/ <br> User | Dispensings / User | Days <br> Supplied/ <br> Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2006 | 1 | 1 | 41 | 1,862 | 63 | 1,966 | 0 | 108,649 | 8,777 | 0.01 | 1862.00 | 41.00 | 45.41 | 0.00 |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 104,585 | 7,947 | 0.00 | \#DIV/0! | \#DIV/0! | \#DIV/0! | \#DIV/0! |
|  | 3 | 2 | 119 | 3,488 | 119 | 2,973 | 1 | 105,442 | 8,853 | 0.02 | 1744.00 | 59.50 | 29.31 | 3.36 |
|  | 4 | 32 | 1,703 | 58,781 | 2,030 | 60,245 | 3 | 1,999,742 | 161,926 | 0.02 | 1836.91 | 53.22 | 34.52 | 0.50 |
|  | 5 | 31 | 1,294 | 55,276 | 1,894 | 54,999 | 4 | 2,032,604 | 168,853 | 0.02 | 1783.10 | 41.74 | 42.72 | 0.73 |
|  | 6 | 47 | 2,107 | 82,944 | 2,828 | 80,458 | 7 | 2,049,572 | 164,121 | 0.02 | 1764.77 | 44.83 | 39.37 | 0.87 |
|  | 7 | 49 | 2,279 | 89,031 | 3,040 | 82,417 | 10 | 2,062,947 | 169,942 | 0.02 | 1816.96 | 46.51 | 39.07 | 1.21 |
|  | 8 | 35 | 1,383 | 60,329 | 2,064 | 61,041 | 3 | 2,072,308 | 171,237 | 0.02 | 1723.69 | 39.51 | 43.62 | 0.49 |
|  | 9 | 39 | 1,779 | 66,907 | 2,284 | 63,767 | 7 | 2,090,152 | 167,330 | 0.02 | 1715.56 | 45.62 | 37.61 | 1.10 |
|  | 10 | 44 | 1,806 | 75,159 | 2,561 | 77,465 | 3 | 2,091,786 | 173,890 | 0.02 | 1708.16 | 41.05 | 41.62 | 0.39 |
|  | 11 | 33 | 1,333 | 56,729 | 1,938 | 54,462 | 5 | 2,090,587 | 168,608 | 0.02 | 1719.06 | 40.39 | 42.56 | 0.92 |
|  | 12 | 30 | 1,341 | 49,713 | 1,702 | 49,749 | 5 | 2,099,259 | 174,897 | 0.01 | 1657.10 | 44.70 | 37.07 | 1.01 |
| 2007 | 1 | 41 | 1,948 | 77,374 | 2,628 | 76,678 | 4 | 2,104,014 | 167,422 | 0.02 | 1887.17 | 47.51 | 39.72 | 0.52 |
|  | 2 | 41 | 1,740 | 71,193 | 2,437 | 71,865 | 3 | 1,994,452 | 151,107 | 0.02 | 1736.41 | 42.44 | 40.92 | 0.42 |
|  | 3 | 21 | 923 | 35,146 | 1,199 | 34,541 | 3 | 1,996,235 | 167,311 | 0.01 | 1673.62 | 43.95 | 38.08 | 0.87 |
|  | 4 | 39 | 1,560 | 65,854 | 2,208 | 64,693 | 3 | 2,082,541 | 168,884 | 0.02 | 1688.56 | 40.00 | 42.21 | 0.46 |
|  | 5 | 24 | 1,160 | 40,574 | 1,383 | 39,901 | 4 | 2,100,438 | 175,001 | 0.01 | 1690.58 | 48.33 | 34.98 | 1.00 |
|  | 6 | 30 | 984 | 48,275 | 1,615 | 45,693 | 5 | 2,112,481 | 169,834 | 0.01 | 1609.17 | 32.80 | 49.06 | 1.09 |
|  | 7 | 40 | 1,611 | 67,381 | 2,301 | 67,080 | 5 | 2,119,217 | 174,832 | 0.02 | 1684.53 | 40.28 | 41.83 | 0.75 |
|  | 8 | 33 | 1,354 | 56,557 | 1,906 | 56,318 | 3 | 2,735,314 | 178,790 | 0.01 | 1713.85 | 41.03 | 41.77 | 0.53 |
|  | 9 | 34 | 1,393 | 56,305 | 1,917 | 56,866 | 4 | 2,757,762 | 221,515 | 0.01 | 1656.03 | 40.97 | 40.42 | 0.70 |
|  | 10 | 37 | 1,519 | 63,928 | 2,146 | 62,754 | 5 | 2,760,125 | 230,033 | 0.01 | 1727.78 | 41.05 | 42.09 | 0.80 |
|  | 11 | 37 | 1,544 | 61,627 | 2,105 | 56,923 | 7 | 2,766,746 | 222,970 | 0.01 | 1665.59 | 41.73 | 39.91 | 1.23 |
|  | 12 | 30 | 1,268 | 50,902 | 1,736 | 48,897 | 5 | 2,775,105 | 231,291 | 0.01 | 1696.73 | 42.27 | 40.14 | 1.02 |
| 2008 | 1 | 35 | 1,364 | 59,106 | 2,026 | 58,385 | 4 | 2,778,823 | 216,388 | 0.01 | 1688.74 | 38.97 | 43.33 | 0.69 |
|  | 2 | 24 | 971 | 43,422 | 1,473 | 43,854 | 1 | 2,589,463 | 202,006 | 0.01 | 1809.25 | 40.46 | 44.72 | 0.23 |
|  | 3 | 29 | 1,318 | 50,385 | 1,703 | 52,186 | 2 | 3,624,238 | 218,580 | 0.01 | 1737.41 | 45.45 | 38.23 | 0.38 |
|  | 4 | 45 | 1,862 | 76,995 | 2,623 | 78,391 | 6 | 3,612,977 | 293,050 | 0.01 | 1711.00 | 41.38 | 41.35 | 0.77 |
|  | 5 | 35 | 1,311 | 59,030 | 2,005 | 56,745 | 6 | 3,662,475 | 304,232 | 0.01 | 1686.57 | 37.46 | 45.03 | 1.06 |

# Mini-Sentinel 

Table 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month


| Year | Month | Users | Dispensings | Days Supplied | Amount Supplied | Days at Risk | Episodes w/ Events | Eligible Members | MemberYears | Users / 1K Eligible Members | Days Supplied/ User | Dispensings / User | Days Supplied/ Dispensing | Episodes w/ Events / 10K Days at Risk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | -- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
| 2013 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- | --- | --- | --- | --- |
|  | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | -- | --- | --- | --- |
|  | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |
|  | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- |

## Charts 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



## Charts 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month



## Charts 4C: Summary of Ibandronate Use and Subsequent Events in the MSDD between January 1, 2006 and December 31, 2013, by Drug Use and Year-Month

Ibandronate and Non-vertebral Fractures
Scenarios with Differing Minimum Episdode Durations (MED) and Exposure Extension Periods $=0$ days


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2,054 | 658,591 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 658,591 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 658,591 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 658,591 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 561,984 | 314,445 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 314,445 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,616 | 312,829 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 312,829 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 118,217 | 194,612 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 782 | 193,830 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 193,830 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 193,830 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 193,830 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 730,460 | 145,969 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 145,969 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 966 | 145,003 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 145,003 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 63,838 | 81,165 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 357 | 80,808 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 80,808 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 80,808 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 80,808 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 808,500 | 67,929 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 67,929 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 536 | 67,393 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 67,393 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 32,574 | 34,819 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 147 | 34,672 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 34,672 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 34,672 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 34,672 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration= 1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 844,665 | 31,764 |
| 12 | n | 0 | 31,764 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 305 | 31,459 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 31,459 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 16,818 | 14,641 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 52 | 14,589 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 14,589 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 14,589 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 14,589 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 863,038 | 13,391 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 13,391 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 144 | 13,247 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 13,247 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 7,905 | 5,342 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 17 | 5,325 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 5,325 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 5,325 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 5,325 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion-Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2,054 | 658,591 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 658,591 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 658,591 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 658,591 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 702,415 | 174,014 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 174,014 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,100 | 172,914 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 172,914 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 73,254 | 99,660 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 432 | 99,228 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 99,228 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 99,228 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 99,228 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov= $Y$ during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 838,008 | 38,421 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 38,421 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 365 | 38,056 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 38,056 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 20,063 | 17,993 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 65 | 17,928 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 17,928 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 17,928 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 17,928 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |


| Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| :---: | :---: | :---: |
| Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2,054 | 658,591 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 658,591 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 658,591 |
| Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 658,591 |
| Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified | 0 |  |


|  | Criterion <br> Number | Criterion Description |
| :--- | :--- | :--- | :--- |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Fracture of Interest; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov= $N$ and MedCov= $Y$ during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 831,558 | 44,871 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 44,871 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 417 | 44,454 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,454 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,105 | 21,349 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 85 | 21,264 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,264 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,264 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,264 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 77 | 660,568 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,568 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,568 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,568 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 561,984 | 314,445 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 314,445 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,616 | 312,829 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 312,829 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 118,217 | 194,612 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 22 | 194,590 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 194,590 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 194,590 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 194,590 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 730,460 | 145,969 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 145,969 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 966 | 145,003 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 145,003 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 63,838 | 81,165 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 7 | 81,158 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 81,158 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 81,158 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 81,158 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 808,500 | 67,929 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 67,929 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 536 | 67,393 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 67,393 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 32,574 | 34,819 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 3 | 34,816 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 34,816 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 34,816 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 34,816 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 844,665 | 31,764 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 31,764 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 305 | 31,459 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 31,459 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 16,818 | 14,641 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 0 | 14,641 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 14,641 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 14,641 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 14,641 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 863,038 | 13,391 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 13,391 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 144 | 13,247 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 13,247 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 7,905 | 5,342 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 0 | 5,342 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 5,342 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 5,342 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 5,342 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 77 | 660,568 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,568 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,568 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,568 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |

## Number

 Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion)Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion)

Exclusion - Members must have at least one GROUP episode with more than blackout days duration Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no
QUERYEVENTGROUP claim in the prior Event 'WashPer' days]
Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement
Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges
Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges
Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges

Patients Excluded Patients Remaining
34,183,356 77,190,908

| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Alendronate and Esophageal Cancer; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 838,008 | 38,421 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 38,421 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 365 | 38,056 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 38,056 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 20,063 | 17,993 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 0 | 17,993 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 17,993 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 17,993 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 17,993 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 77 | 660,568 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,568 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,568 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,568 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 674,194 | 202,235 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 202,235 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,178 | 201,057 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 201,057 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 81,700 | 119,357 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 7 | 119,350 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 119,350 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 119,350 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 119,350 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Esophageal Cancer; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion-Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 831,558 | 44,871 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 44,871 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 417 | 44,454 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,454 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,105 | 21,349 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1 | 21,348 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,348 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,348 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,348 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 5,070 | 655,575 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 655,575 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 655,575 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 655,575 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=365 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 561,984 | 314,445 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 314,445 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,616 | 312,829 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 312,829 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 118,217 | 194,612 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1,972 | 192,640 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 192,640 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 192,640 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 192,640 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |

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Numbe

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14 Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] requirement
1 Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions
19 Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges
Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges
Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges
Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion)
Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion)

Exclusion - Members must have at least one GROUP episode with more than blackout days durationExclusion - Members must have at least one GROUP episode satisfying the enrollment criterionspecified by the 'EnrDays' parametern

876,429

876,429 0

Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode
overlapping the query period
Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y

| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 808,500 | 67,929 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 67,929 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 536 | 67,393 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 67,393 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 32,574 | 34,819 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 391 | 34,428 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 34,428 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 34,428 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 34,428 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 844,665 | 31,764 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 31,764 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 305 | 31,459 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 31,459 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 16,818 | 14,641 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 160 | 14,481 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 14,481 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 14,481 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 14,481 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |


| Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| :---: | :---: | :---: |
| Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 863,038 | 13,391 |
| Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 13,391 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 144 | 13,247 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 13,247 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 7,905 | 5,342 |
| Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 48 | 5,294 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 5,294 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 5,294 |
| Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 5,294 |
| Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 5,070 | 655,575 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 655,575 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 655,575 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 655,575 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion-Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 702,415 | 174,014 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 174,014 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,100 | 172,914 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 172,914 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 73,254 | 99,660 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1,117 | 98,543 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 98,543 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 98,543 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 98,543 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 838,008 | 38,421 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 38,421 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 365 | 38,056 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 38,056 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 20,063 | 17,993 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 194 | 17,799 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 17,799 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 17,799 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 17,799 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 5,070 | 655,575 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 655,575 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 655,575 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 655,575 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 674,194 | 202,235 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 202,235 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,178 | 201,057 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 201,057 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 81,700 | 119,357 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1,316 | 118,041 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 118,041 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 118,041 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 118,041 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Hip Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 831,558 | 44,871 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 44,871 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 417 | 44,454 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,454 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,105 | 21,349 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 228 | 21,121 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,121 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,121 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,121 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |

9

14 Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days]
Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement
18 Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions
19 Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges
Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges
Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges
Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion)
Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion)

Exclusion - Members must have at least one GROUP episode with more than blackout days duration Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter

876,429

876,429

876,429
$0 \quad 873,966$

213,321
660,645

1 Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period
2 Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period
Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period
Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N and
DrugCov=N and MedCov= Y during the query period
Exclusion - Members must satisfy the age range condition within the query period

| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 561,984 | 314,445 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 314,445 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,616 | 312,829 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 312,829 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 118,217 | 194,612 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 6,174 | 188,438 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 188,438 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 188,438 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 188,438 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 730,460 | 145,969 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 145,969 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 966 | 145,003 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 145,003 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 63,838 | 81,165 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2,899 | 78,266 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 78,266 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 78,266 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 78,266 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1096 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |


| Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| :---: | :---: | :---: |
| Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 808,500 | 67,929 |
| Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 67,929 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 536 | 67,393 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 67,393 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 32,574 | 34,819 |
| Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1,246 | 33,573 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 33,573 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 33,573 |
| Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 33,573 |
| Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 844,665 | 31,764 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 31,764 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 305 | 31,459 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 31,459 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 16,818 | 14,641 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 485 | 14,156 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 14,156 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 14,156 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 14,156 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1826 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 863,038 | 13,391 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 13,391 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 144 | 13,247 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 13,247 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 7,905 | 5,342 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 156 | 5,186 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 5,186 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 5,186 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 5,186 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 16,715 | 643,930 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 643,930 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 643,930 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 643,930 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion-Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 702,415 | 174,014 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 174,014 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,100 | 172,914 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 172,914 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 73,254 | 99,660 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 3,440 | 96,220 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 96,220 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 96,220 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 96,220 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 838,008 | 38,421 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 38,421 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 365 | 38,056 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 38,056 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 20,063 | 17,993 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 597 | 17,396 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 17,396 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 17,396 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 17,396 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 16,715 | 643,930 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 643,930 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 643,930 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 643,930 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 674,194 | 202,235 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 202,235 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,178 | 201,057 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 201,057 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 81,700 | 119,357 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 4,049 | 115,308 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 115,308 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 115,308 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 115,308 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Non-vertebral Fracture; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 831,558 | 44,871 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 44,871 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 417 | 44,454 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,454 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,105 | 21,349 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 710 | 20,639 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 20,639 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 20,639 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 20,639 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 39 | 660,606 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,606 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,606 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,606 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=365 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |


| Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| :---: | :---: | :---: |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 561,984 | 314,445 |
| Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 314,445 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,616 | 312,829 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 312,829 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 118,217 | 194,612 |
| Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 20 | 194,592 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 194,592 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 194,592 |
| Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 194,592 |
| Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 730,460 | 145,969 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 145,969 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 966 | 145,003 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 145,003 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 63,838 | 81,165 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 7 | 81,158 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 81,158 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 81,158 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 81,158 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1096 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov= Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 808,500 | 67,929 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 67,929 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 536 | 67,393 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 67,393 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 32,574 | 34,819 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 4 | 34,815 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 34,815 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 34,815 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 34,815 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 844,665 | 31,764 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 31,764 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 305 | 31,459 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 31,459 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 16,818 | 14,641 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2 | 14,639 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 14,639 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 14,639 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 14,639 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period= 0; Minimum Episode Duration=1826 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion-Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 863,038 | 13,391 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 13,391 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 144 | 13,247 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 13,247 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 7,905 | 5,342 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 0 | 5,342 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 5,342 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 5,342 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 5,342 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 39 | 660,606 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,606 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,606 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,606 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 702,415 | 174,014 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 174,014 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,100 | 172,914 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 172,914 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 73,254 | 99,660 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 8 | 99,652 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 99,652 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 99,652 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 99,652 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=183; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 838,008 | 38,421 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 38,421 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 365 | 38,056 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 38,056 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 20,063 | 17,993 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2 | 17,991 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 17,991 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 17,991 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 17,991 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 876,429 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 876,429 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 2,463 | 873,966 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 873,966 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 213,321 | 660,645 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 39 | 660,606 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 660,606 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 660,606 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 660,606 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,041,307 | 888,995 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 12,566 | 876,429 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 876,429 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 876,429 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 674,194 | 202,235 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 202,235 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,178 | 201,057 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 201,057 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 81,700 | 119,357 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 11 | 119,346 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 119,346 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 119,346 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 119,346 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Alendronate and Osteonecrosis of Jaw; Exposure Extension Period=365; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |

Criterion Description
Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y
during the query period
34,183,356 77,190,908

Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period
Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period
Exclusion - Members must satisfy the age range condition within the query period
Exclusion - Members must meet chart availability criterion within the query period
Exclusion - Members must have at least one GROUP claim within the query period
Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days]

| $34,183,356$ | $77,190,908$ |
| :---: | :---: |
| $7,833,572$ | $69,357,336$ |

$7,833,572$
69,357,336

24,823
69,332,513
41,402,211
27,930,302
27,930,302
27,041,307 888,995

12,566
876,429

Exclusion - Members must have at least one GROUP episode beginning within the age range condition Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion)
Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion)

Exclusion - Members must have at least one GROUP episode with more than blackout days duration Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter
Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement
Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions 0 876,429 0 ranges
Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges
Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges

44,871

417
44,454

| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 334,286 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 334,286 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,228 | 333,058 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 333,058 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 91,511 | 241,547 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 564 | 240,983 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 240,983 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 240,983 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 240,983 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 289,097 | 45,189 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 45,189 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 325 | 44,864 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,864 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,180 | 21,684 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 56 | 21,628 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,628 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,628 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,628 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Fracture of Interest; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 326,389 | 7,897 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 7,897 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 62 | 7,835 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 7,835 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 4,727 | 3,108 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 7 | 3,101 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 3,101 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 3,101 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 3,101 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 334,286 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 334,286 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,228 | 333,058 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 333,058 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 91,511 | 241,547 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 1,493 | 240,054 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 240,054 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 240,054 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 240,054 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 289,097 | 45,189 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 45,189 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 325 | 44,864 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,864 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,180 | 21,684 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 156 | 21,528 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,528 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,528 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,528 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Hip Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 326,389 | 7,897 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 7,897 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 62 | 7,835 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 7,835 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 4,727 | 3,108 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 25 | 3,083 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 3,083 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 3,083 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 3,083 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 334,286 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 334,286 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 1,228 | 333,058 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 333,058 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 91,511 | 241,547 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 5,243 | 236,304 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 236,304 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 236,304 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 236,304 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 289,097 | 45,189 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 45,189 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 325 | 44,864 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 44,864 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 23,180 | 21,684 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 619 | 21,065 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 21,065 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 21,065 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 21,065 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Risedronate and Non-vertebral Fracture; Exposure Extension Period= 0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,591,170 | 339,132 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 4,846 | 334,286 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 334,286 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 334,286 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 326,389 | 7,897 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 7,897 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 62 | 7,835 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 7,835 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 4,727 | 3,108 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 91 | 3,017 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 3,017 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 3,017 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 3,017 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |


| Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| :---: | :---: | :---: |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 215,268 |
| Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 215,268 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 537 | 214,731 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 214,731 |
| Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 42,248 | 172,483 |
| Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 243 | 172,240 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 172,240 |
| Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 172,240 |
| Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 172,240 |
| Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 196,378 | 18,890 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 18,890 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 94 | 18,796 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 18,796 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 6,117 | 12,679 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 27 | 12,652 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 12,652 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 12,652 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 12,652 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Fracture of Interest; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov= $Y$ during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 212,901 | 2,367 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 2,367 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 18 | 2,349 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 2,349 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 864 | 1,485 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 2 | 1,483 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 1,483 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 1,483 |


| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 1,483 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 215,268 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 215,268 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 537 | 214,731 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 214,731 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 42,248 | 172,483 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 713 | 171,770 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 171,770 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 171,770 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 171,770 |
| 20 | Information-Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov= Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 196,378 | 18,890 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 18,890 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 94 | 18,796 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 18,796 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 6,117 | 12,679 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 58 | 12,621 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 12,621 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 12,621 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 12,621 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Hip Fracture; Exposure Extension Period=0; Minimum Episode Duration=1461 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov=Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 212,901 | 2,367 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 2,367 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 18 | 2,349 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 2,349 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 864 | 1,485 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 10 | 1,475 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 1,475 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 1,475 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 1,475 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=1 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |


| Criterion Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 0 | 215,268 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 215,268 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 537 | 214,731 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 214,731 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 42,248 | 172,483 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 3,277 | 169,206 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 169,206 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 169,206 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 169,206 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |
| Ibandronate and Non-vertebral Fracture; Exposure Extension Period=0; Minimum Episode Duration=730 |  |  |  |
| 1 | Initial Member Count - Members with a non-missing birth date/sex at any enrollment episode overlapping the query period |  | 111,374,264 |
| 2 | Exclusion - Members must be excluded if they only have episodes with DrugCov=N and MedCov=Y during the query period | 34,183,356 | 77,190,908 |
| 3 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N during the query period | 7,833,572 | 69,357,336 |
| 4 | Exclusion - Members must be excluded if they only have episodes with DrugCov= Y and MedCov=N and DrugCov=N and MedCov=Y during the query period | 24,823 | 69,332,513 |
| 5 | Exclusion - Members must satisfy the age range condition within the query period | 41,402,211 | 27,930,302 |
| 6 | Exclusion - Members must meet chart availability criterion within the query period | 0 | 27,930,302 |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |



| Criterion <br> Number | Criterion Description | Patients Excluded | Patients Remaining |
| :---: | :---: | :---: | :---: |
| 7 | Exclusion - Members must have at least one GROUP claim within the query period | 27,712,138 | 218,164 |
| 8 | Exclusion - Members must have at least one GROUP episode that meets Query incidence criterion [no GROUP claim in the prior Query 'WashPer' days] | 2,896 | 215,268 |
| 9 | Exclusion - Members must have at least one GROUP episode beginning within the age range condition | 0 | 215,268 |
| 10 | Exclusion - members must have at least one GROUP episode with at least minimum days supplied (based on MinDaysSupp criterion) | 0 | 215,268 |
| 11 | Exclusion - members must have at least one GROUP episode with at least minimum days duration (based on MinEpisDur criterion) | 212,901 | 2,367 |
| 12 | Exclusion - Members must have at least one GROUP episode with more than blackout days duration | 0 | 2,367 |
| 13 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the 'EnrDays' parameter | 18 | 2,349 |
| 14 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Query 'WashPer' parameter | 0 | 2,349 |
| 15 | Exclusion - Members must have at least one GROUP episode satisfying the enrollment criterion specified by the Event 'WashPer' parameter | 864 | 1,485 |
| 16 | Exclusion - Members must have at least one GROUP episode that meets Event incidence criterion [no QUERYEVENTGROUP claim in the prior Event 'WashPer' days] | 36 | 1,449 |
| 17 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion enrollment requirement | 0 | 1,449 |
| 18 | Exclusion - Members must have at least one GROUP episode satisfying the Exclusion conditions | 0 | 1,449 |
| 19 | Exclusion - Members must have at least one GROUP episode satisfying the Inclusion conditions | 0 | 1,449 |
| 20 | Information - Members with at least one GROUP claim with supply and/or amount outside specified ranges | 0 |  |
| 21 | Information - Members with at least one EVENT claim with supply and/or amount outside specified ranges | 0 |  |
| 22 | Information - Members with at least one INCL/EXCL claim with supply and/or amount outside specified ranges | 0 |  |


| Code | Generic Name | Code Category | Code Type |
| :---: | :---: | :---: | :---: |
| Fracture of Interest |  |  |  |
| 821 | Fracture of other and unspecified parts of femur | DX | 09 |
| 821.0 | Fracture of shaft or unspecified part of femur closed | DX | 09 |
| 821.00 | Closed fracture of unspecified part of femur | DX | 09 |
| 821.01 | Closed fracture of shaft of femur | DX | 09 |
| 821.1 | Fracture of shaft or unspecified part of femur open | DX | 09 |
| 821.2 | Fracture of lower end of femur closed | DX | 09 |
| 821.20 | Closed fracture of lower end of femur, unspecified part | DX | 09 |
| 821.21 | Closed fracture of condyle, femoral | DX | 09 |
| 821.22 | Closed fracture of epiphysis, lower (separation) of femur | DX | 09 |
| 821.23 | Closed supracondylar fracture of femur | DX | 09 |
| 821.29 | Other closed fracture of lower end of femur | DX | 09 |
| 821.3 | Fracture of lower end of femur open | DX | 09 |
| 820.22 | Closed fracture of subtrochanteric section of neck of femur | DX | 09 |
| Esophageal Cancer |  |  |  |
| 150 | Malignant neoplasm of esophagus | DX | 09 |
| 150.0 | Malignant neoplasm of cervical esophagus | DX | 09 |
| 150.1 | Malignant neoplasm of thoracic esophagus | DX | 09 |
| 150.2 | Malignant neoplasm of abdominal esophagus | DX | 09 |
| 150.3 | Malignant neoplasm of upper third of esophagus | DX | 09 |
| 150.4 | Malignant neoplasm of middle third of esophagus | DX | 09 |
| 150.5 | Malignant neoplasm of lower third of esophagus | DX | 09 |
| 150.8 | Malignant neoplasm of other specified part of esophagus | DX | 09 |
| 150.9 | Malignant neoplasm of esophagus, unspecified site | DX | 09 |
| Hip Fracture |  |  |  |
| 820 | Fracture of neck of femur | DX | 09 |
| 820.0 | Transcervical fracture closed | DX | 09 |
| 820.00 | Closed fracture of intracapsular section of neck of femur, unspecified | DX | 09 |
| 820.01 | Closed fracture of epiphysis (separation) (upper) of neck of femur | DX | 09 |
| 820.02 | Closed fracture of midcervical section of neck of femur | DX | 09 |
| 820.03 | Closed fracture of base of neck of femur | DX | 09 |
| 820.09 | Other closed transcervical fracture of neck of femur | DX | 09 |
| 820.2 | Pertrochanteric fracture of femur closed | DX | 09 |
| 820.20 | Closed fracture of trochanteric section of neck of femur | DX | 09 |
| 820.21 | Closed fracture of intertrochanteric section of neck of femur | DX | 09 |
| 820.22 | Closed fracture of subtrochanteric section of neck of femur | DX | 09 |
| 820.8 | Closed fracture of unspecified part of neck of femur | DX | 09 |
| Non-Vertebral Fracture |  |  |  |
| 807 | Fracture of rib(s) sternum larynx and trachea | DX | 09 |
| 807* | Fracture of rib(s) sternum larynx and trachea | DX | 09 |
| 807** | Fracture of rib(s) sternum larynx and trachea | DX | 09 |
| 808 | Fracture of pelvis | DX | 09 |
| 808* | Fracture of pelvis | DX | 09 |
| 808** | Fracture of pelvis | DX | 09 |
| 809 | III-defined fractures of bones of trunk | DX | 09 |
| 809* | III-defined fractures of bones of trunk | DX | 09 |
| 809** | III-defined fractures of bones of trunk | DX | 09 |
| 810 | Fracture of clavicle | DX | 09 |
| 810* | Fracture of clavicle | DX | 09 |

810** Fracture of clavicle DX ..... 09
811 Fracture of scapula DX ..... 09
811* Fracture of scapula DX ..... 09
811** Fracture of scapula ..... DX ..... 09
812 Fracture of humerus ..... DX ..... 09
812* Fracture of humerus ..... DX ..... 09
812** Fracture of humerus DX ..... 09
813 Fracture of radius and ulna DX ..... 09
813* Fracture of radius and ulna ..... DX ..... 09
813** Fracture of radius and ulna ..... DX ..... 09
818 III-defined fractures of upper limb ..... 09
818* III-defined fractures of upper limb DX ..... 09
818** III-defined fractures of upper limb ..... 09
Multiple fractures involving both upper limbs and upper limb with rib(s) and sternum DX ..... 09819
Multiple fractures involving both upper limbs and upper limb with rib(s)
819* and sternum DX ..... 09
Multiple fractures involving both upper limbs and upper limb with rib(s)
819** and sternumDX09
$820 \quad$ Fracture of neck of femur ..... DX ..... 09
820* Fracture of neck of femur ..... 09
820** Fracture of neck of femur ..... DX ..... 09
821 Fracture of other and unspecified parts of femur DX ..... 09
821* Fracture of other and unspecified parts of femur DX ..... 09
821** Fracture of other and unspecified parts of femur DX ..... 09
822 Fracture of patella DX ..... 09
822* Fracture of patella DX ..... 09
822** Fracture of patella DX ..... 09
823 Fracture of tibia and fibula ..... 09
823* Fracture of tibia and fibula DX ..... 09
823** Fracture of tibia and fibula ..... 09
824 Fracture of ankle ..... 09
824* Fracture of ankle ..... 09
824** Fracture of ankle ..... 09
827 Other multiple and ill-defined fractures of lower limb ..... 09
827* Other multiple and ill-defined fractures of lower limb ..... 09
827** Other multiple and ill-defined fractures of lower limb ..... 09
Multiple fractures involving both lower limbs lower with upper limb and
828 lower limb(s) with rib(s) and sternum ..... 09
Multiple fractures involving both lower limbs lower with upper limb and
828* lower limb(s) with rib(s) and sternum DX09Multiple fractures involving both lower limbs lower with upper limb and828** lower limb(s) with rib(s) and sternumDX09
Osteonecrosis of the Jaw
733.45 Aseptic necrosis of bone, jaw ..... 09
526.4 Inflammatory conditions of jaw DX ..... 09

