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

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## Overview for Request icd10\_mpl1r\_wp002\_nsdp\_v01

Request ID: icd10 mpl1r wp002 nsdp v01

<u>Request Description:</u> This report contains estimates of the frequency of diagnoses for a selection of health outcomes using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes. Two health outcomes were investigated: hypertension and diabetes.

Sentinel Modular Program Tool Used: Cohort Identification and Descriptive Analysis (CIDA) tool, Version 3.3.2

<u>Data Source:</u> Data from October 1, 2010 to August 31, 2016 from 11 health plans contributing to the Sentinel Distributed Database (SDD) were included in this report. The report includes three separate monitoring periods: 1) October 1, 2010 to August 31, 2016; 2) January 1, 2015 to March 31, 2015; and 3) January 1, 2016 to March 31, 2016. This request was distributed on January 18, 2017 to nine Data Partners and on March 20, 2017 to two Data Partners. See Appendix A for a list of the latest dates of available data for each Data Partner.

<u>Study Design:</u> This request was designed to identify events of interest. The number of qualifying patients with the event of interest were calculated overall and stratified by age group, sex, year, and year-month.

Events of Interest: The events of interest were hypertension diagnosis and diabetes diagnosis that occurred in any care setting. Diagnoses were defined using ICD-9-CM as well as ICD-10-CM diagnosis codes. The Centers for Medicare and Medicaid Services (CMS) General Equivalence Mappings (GEMs) were used to determine appropriate ICD-10-CM codes using Simple Forward Mapping (with and without cluster logic) and Forward Backward Mapping.\* Cluster logic involves combinations of codes using "and" logic to create one diagnostic event from multiple codes. See Appendices B-H for specific codes and clusters.

<u>Cohort Eligibility Criteria:</u> Patients were required to be continuously enrolled in plans with medical coverage for at least six months (183 days) before their diagnosis date, during which gaps in coverage of up to 45 days were allowed. The following age groups were included in the cohort: 0-17, 18-49, 50-64, 65+ years.

Please refer to Appendices I and J for detailed specifications of parameters used in the analyses for this request.

**Notes:** Please contact the Sentinel Operations Center Query Fulfillment Team (qf@sentinelsystem.org) for questions and to provide comments/suggestions for future enhancements to this document.

## References:

\* Fung KW, Richesson R, Smerek M, et al. Preparing for the ICD-10-CM Transition: Automated Methods for Translating ICD Codes in Clinical Phenotype Definitions. EGEMS (Washington, DC) 2016;4:1211.



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## Glossary of Terms for Analyses Using Cohort Identification and Descriptive Analysis (CIDA) Tool\*

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing. This is equivalent to the "RxAmt" value in the Sentinel Common Data Model.

**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). Along with the Principal Diagnosis Indicator, forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

**Inpatient Hospital Stay (IP)** - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

**Non-Acute Institutional Stay (IS) -** includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: (1) 01: Cohort includes only the first valid treatment episode during the query period; (2) 02: Cohort includes all valid treatment episodes during the query period; (3) 03: Cohort includes all valid treatment episodes during

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

**Episodes** - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode **Eligible Members** - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

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 **Event Deduplication** - specifies how events are counted by the MP algorithm: (0) 0: Counts all occurrences of an HOI during an exposure episode; (1) 1: de-duplicates occurrences of the same HOI code and code type on the same day; (2) 2: de-duplicates occurrences of the same HOI group on the same day (e.g., 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. Extensions days are added after any episode gaps have been bridged.

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

Member-Years - sum of all days of enrollment with medical and drug coverage\*\* in the query period preceded by an exposure washout period all

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. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

**Principal Diagnosis (PDX)** - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter. **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.

**Users** - number of members with 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.

**Washout Period (drug/exposure)\*\*** - number of days a user is required to have no evidence of prior exposure (drug dispensing/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.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

<sup>\*</sup>all terms may not be used in this report

<sup>\*\*</sup>incident treatment episodes must be incident to both the exposure and the event



Table 1a. Summary of Incident Hypertension Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Mapping (FBM), by Monitoring Period

<u>2010-2016</u>	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member-Years	Number of Incident Diagnoses / 1K Eligible Members
ICD-9-CM codes from an Algorithm, 183 day washout	Diagnoses	Diagnoses	Liigible Mellibers	Wielliber-Tears	Liigible Wellibers
CD-9-CW Codes Holli all Algoritimi, 183 day washout	21,225,160	21,225,160	126,827,167	250,178,638.5	167.35
CD-9-CM codes from SFM, 183 day washout			<u> </u>	<u> </u>	
· •	21,225,048	21,225,048	126,828,668	250,180,822.2	167.35
CD-9-CM codes from FBM, 183 day washout					
	21,225,048	21,225,048	126,827,326	250,179,404.6	167.35
CD-10-CM codes from an Algorithm, 183 day washout					
	5,456,996	5,456,996	126,827,167	268,566,115.2	43.03
CD-10-CM codes from SFM, 183 day washout					
	5,451,135	5,451,135	126,828,668	268,569,967.4	42.98
CD-10-CM codes from FBM, 183 day washout					
·	5,457,043	5,457,043	126,827,326	268,566,536.7	43.03
CD-9-CM codes from an Algorithm, 0 day washout					
• • •	25,658,526	227,217,362	131,346,603	319,813,419.4	195.35
CD-9-CM codes from SFM and FBM, 0 day washout			<u> </u>	<u> </u>	
· ,	25,658,253	227,213,170	131,346,603	319,813,419.4	195.35
CD-10-CM codes from an Algorithm, 0 day washout			- ,,		
3 , ,	10,763,241	30,879,774	131,346,603	319,813,419.4	81.95
CD-10-CM codes from SFM, 0 day washout	2, 22,	, ,		0.00,0.00,0.00	5 2.3 5
	10,752,552	30,818,132	131,346,603	319,813,419.4	81.86
CD-10-CM codes from FBM, 0 day washout			182/8 18/888	313,013, 113	02.00
ob 10 divi coues from Firm, o auf washout	10,763,275	30,879,844	131,346,603	319,813,419.4	81.95
	10,7 00,17	30,073,011	131,340,003	313,013,413.4	01.55
2015					
<del></del>					
CD-9-CM codes from an Algorithm, 90 day washout					
, , , , , , , , , , , , , , , , , , , ,	4,133,586	4,133,586	55,581,824	12,137,692.4	74.37
CD-9-CM codes from SFM and FBM, 90 day washout					
	4,133,577	4,133,577	55,581,844	12,137,699.1	74.37
<u>2016</u>					
CD-10-CM codes from an Algorithm, 90 day washout	4,341,469	4,341,469	EE 204 177	12 276 110 7	78.50
CD 10 CM and as from CEM 00 days are	4,341,409	4,541,409	55,304,177	12,276,118.7	78.50
CD-10-CM codes from SFM, 90 day washout	4,337,848	4,337,848	55,308,607	12,277,979.5	78.43
CD-10-CM codes from FBM, 90 day washout	7,557,070	+,337,040	33,306,007	14,411,313.3	70.43
CD-10-Civi codes Holli Filivi, 30 day Washout	A 2A1 A0E	A 2A1 A0E	EE 204 172	12 276 116 0	70 50
	4,341,485	4,341,485	55,304,172	12,276,116.0	78.50



Table 1b. Summary of Incident Hypertension Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Age Group

	Number of Incident		rii-ildə açı odu o	Name by Vivi	Number of Incide Diagnoses / 1K
9-CM codes from an Algorithm,	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Eligible Member
0-17 Years		105.042	20.046.115	C4 719 C09 4	2.55
	105,943	105,943	29,846,115	64,718,608.4	3.55
18-49 Years	5,868,795	5,868,795	68,083,589	126,699,397.8	86.20
50-64 Years	8,650,464	8,650,464	27,227,908	44,452,780.5	317.71
65+ Years	6,599,958	6,599,958	11,604,330	14,307,851.7	568.75
9-CM codes from SFM, 183 day					
0-17 Years	105,900	105,900	29,846,189	64,718,828.1	3.55
18-49 Years	5,868,703	5,868,703	68,084,002	126,700,259.3	86.20
50-64 Years	8,650,414	8,650,414	27,228,413	44,453,405.6	317.70
65+ Years	6,600,031	6,600,031	11,604,933	14,308,329.2	568.73
9-CM codes from FBM, 183 day					
0-17 Years	105,900	105,900	29,846,115	64,718,702.6	3.55
18-49 Years	5,868,703	5,868,703	68,083,623	126,699,662.8	86.20
50-64 Years	8,650,414	8,650,414	27,227,940	44,452,977.5	317.70
65+ Years	6,600,031	6,600,031	11,604,452	14,308,061.6	568.75
10-CM codes from an Algorithm					
0-17 Years	15,320	15,320	29,846,115	64,824,741.0	0.51
18-49 Years	1,200,872	1,200,872	68,121,192	131,643,777.6	17.63
50-64 Years	2,242,290	2,242,290	28,197,328	52,154,843.2	79.52
65+ Years	1,998,514	1,998,514	12,517,244	19,942,753.4	159.66
10-CM codes from SFM, 183 day	washout				
0-17 Years	14,871	14,871	29,846,189	64,824,979.7	0.50
18-49 Years	1,198,470	1,198,470	68,121,632	131,644,936.8	17.59
50-64 Years	2,240,213	2,240,213	28,197,934	52,156,150.3	79.45
65+ Years	1,997,581	1,997,581	12,517,962	19,943,900.6	159.58
10-CM codes from FBM, 183 day					
0-17 Years	15,321	15,321	29,846,115	64,824,769.2	0.51
18-49 Years	1,200,898	1,200,898	68,121,216	131,643,874.3	17.63
50-64 Years	2,242,296	2,242,296	28,197,354	52,154,957.6	79.52
65+ Years	1,998,528	1,998,528	12,517,368	19,942,935.6	159.66
9-CM codes from an Algorithm,					
0-17 Years	112,180	320,356	29,854,260	64,911,877.6	3.76
18-49 Years	6,730,659	32,271,469	69,118,516	140,553,482.7	97.38
50-64 Years	11,167,126	76,700,993	30,357,747	71,475,208.9	367.85
65+ Years	9,457,689	117,924,544	14,919,540	42,872,850.2	633.91
9-CM codes from SFM and FBM,	, 0 day washout				
0-17 Years	112,137	320,289	29,854,260	64,911,877.6	3.76
18-49 Years	6,730,544	32,270,724	69,118,516	140,553,482.7	97.38
50-64 Years	11,167,047	76,699,797	30,357,747	71,475,208.9	367.85
65+ Years	9,457,637	117,922,360	14,919,540	42,872,850.2	633.91
10-CM codes from an Algorithm	, 0 day washout				
0-17 Years	19,311	41,662	29,854,260	64,911,877.6	0.65
18-49 Years	1,884,789	4,021,150	69,118,516	140,553,482.7	27.27
50-64 Years	4,132,392	10,155,636	30,357,747	71,475,208.9	136.12
65+ Years	4,788,410	16,661,326	14,919,540	42,872,850.2	320.95
10-CM codes from SFM, 0 day w	ashout				
0-17 Years	18,621	39,027	29,854,260	64,911,877.6	0.62
18-49 Years	1,881,278	4,008,544	69,118,516	140,553,482.7	27.22
50-64 Years	4,128,619	10,136,133	30,357,747	71,475,208.9	136.00
65+ Years	4,785,594	16,634,428	14,919,540	42,872,850.2	320.76
10-CM codes from FBM, 0 day w			·		
0-17 Years	19,312	41,667	29,854,260	64,911,877.6	0.65
18-49 Years	1,884,817	4,021,187	69,118,516	140,553,482.7	27.27
	4,132,396	10,155,641	30,357,747	71,475,208.9	136.12
50-64 Years	4.132.330	10,155.041	30,337.747	11,413.200.3	



	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incider Diagnoses / 1K Eligible Members
) <u>15</u>	Ŭ	<u> </u>			
D-9-CM codes from an Algori	thm. 90 day washout				
0-17 Years	6,460	6,460	11,504,218	2,681,902.0	0.56
18-49 Years	728,588	728,588	25,528,131	5,748,936.7	28.54
50-64 Years	1,589,913	1,589,913	12,336,351	2,538,975.4	128.88
65+ Years	1,808,625	1,808,625	6,650,918	1,167,878.3	271.94
D-9-CM codes from SFM and	<u> </u>	1,000,023	0,030,310	1,107,070.3	271.54
0-17 Years	6,457	6,457	11,504,218	2,681,902.6	0.56
18-49 Years	728,587	728,587	25,528,133	5,748,937.9	28.54
50-64 Years	1,589,910	1,589,910	12,336,354	2,538,976.7	128.88
65+ Years	1,808,623	1,808,623	6,650,933	1,167,882.0	271.94
<u>16</u>					
D-10-CM codes from an Algor	rithm, 90 day washout				
0-17 Years	7,493	7,493	11,311,022	2,686,435.4	0.66
18-49 Years	778,514	778,514	25,451,691	5,826,709.7	30.59
50-64 Years	1,675,777	1,675,777	12,374,598	2,584,056.9	135.42
65+ Years	1,879,685	1,879,685	6,599,921	1,178,916.7	284.80
0-10-CM codes from SFM, 90					
0-17 Years	7,234	7,234	11,311,215	2,686,537.1	0.64
18-49 Years	777,238	777,238	25,452,671	5,827,221.1	30.54
50-64 Years	1,674,484	1,674,484	12,376,129	2,584,703.1	135.30
65+ Years	1,878,892	1,878,892	6,601,722	1,179,518.2	284.61
D-10-CM codes from FBM, 90	•				
0-17 Years	7,493	7,493	11,311,022	2,686,435.4	0.66
18-49 Years	778,530	778,530	25,451,687	5,826,707.3	30.59
50-64 Years	1,675,778	1,675,778	12,374,598	2,584,057.0	135.42
65+ Years	1,879,684	1,879,684	6,599,920	1,178,916.2	284.80
031 Tears	1,073,004	1,075,004	0,555,520	1,170,310.2	



Table 1c. Summary of Incident Hypertension Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Sex

	Number of Incident				Number of Incide Diagnoses / 1K
	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Eligible Member
-9-CM codes from an Algo					
Female	10,455,786	10,455,786	64,403,718	128,675,039.1	162.35
Male	10,768,361	10,768,361	62,416,782	121,493,248.3	172.52
Unknown	1,013	1,013	6,667	10,351.1	151.94
-9-CM codes from SFM, 18	3 day washout				
Female	10,455,726	10,455,726	64,404,433	128,676,188.9	162.34
Male	10,768,309	10,768,309	62,417,568	121,494,282.2	172.52
Unknown	1,013	1,013	6,667	10,351.1	151.94
-9-CM codes from FBM, 18					
Female	10,455,726	10,455,726	64,403,809	128,675,456.9	162.35
Male	10,768,309	10,768,309	62,416,850	121,493,596.6	172.52
Unknown	1,013	1,013	6,667	10,351.1	151.94
-10-CM codes from an Alg	orithm, 183 day washout				
Female	2,683,225	2,683,225	64,403,718	137,685,948.9	41.66
Male	2,773,596	2,773,596	62,416,782	130,868,932.6	44.44
Unknown	175	175	6,667	11,233.6	26.25
-10-CM codes from SFM, 1	.83 day washout				
Female	2,680,199	2,680,199	64,404,433	137,687,906.8	41.62
Male	2,770,761	2,770,761	62,417,568	130,870,826.7	44.39
Unknown	175	175	6,667	11,234.0	26.25
-10-CM codes from FBM, 1	183 day washout				
Female	2,683,254	2,683,254	64,403,809	137,686,184.6	41.66
Male	2,773,614	2,773,614	62,416,850	130,869,118.5	44.44
Unknown	175	175	6,667	11,233.6	26.25
-9-CM codes from an Algo	rithm, 0 day washout				
Female	12,744,565	119,116,903	66,720,608	163,721,251.5	191.01
Male	12,912,770	108,086,761	64,619,123	156,078,303.4	199.83
Unknown	1,191	13,698	6,872	13,864.6	173.31
-9-CM codes from SFM and	d FBM, 0 day washout				
Female	12,744,418	119,114,637	66,720,608	163,721,251.5	191.01
Male	12,912,644	108,084,835	64,619,123	156,078,303.4	199.83
Unknown	1,191	13,698	6,872	13,864.6	173.31
-10-CM codes from an Alg	orithm, 0 day washout				
Female	5,416,725	16,105,316	66,720,608	163,721,251.5	81.19
Male	5,346,110	14,773,271	64,619,123	156,078,303.4	82.73
Unknown	406	1,187	6,872	13,864.6	59.08
-10-CM codes from SFM, 0	day washout				
Female	5,411,364	16,073,776	66,720,608	163,721,251.5	81.10
Male	5,340,783	14,743,172	64,619,123	156,078,303.4	82.65
Unknown	405	1,184	6,872	13,864.6	58.93
-10-CM codes from FBM, 0	) day washout				
Female	5,416,746	16,105,357	66,720,608	163,721,251.5	81.19
Male	5,346,123	14,773,300	64,619,123	156,078,303.4	82.73
Unknown	406	1,187	6,872	13,864.6	59.08



	Number of Incident	t			Number of Incider Diagnoses / 1K
	Diagnoses	<b>Number of Diagnoses</b>	Eligible Members	Member- Years	Eligible Members
<u>5</u>					
-9-CM codes from an Algo	rithm, 90 day washout				
Female	2,065,451	2,065,451	28,348,983	6,197,197.2	72.86
Male	2,067,944	2,067,944	27,230,619	5,940,020.3	75.94
Unknown	191	191	2,222	475.0	85.96
-9-CM codes from SFM an	d FBM, 90 day washout				
Female	2,065,442	2,065,442	28,348,991	6,197,200.8	72.86
Male	2,067,944	2,067,944	27,230,631	5,940,023.4	75.94
Unknown	191	191	2,222	475.0	85.96
<u>6</u>					
-10-CM codes from an Alg	orithm, 90 day washout				
Female	2,169,899	2,169,899	28,185,729	6,271,185.1	76.99
Male	2,171,421	2,171,421	27,116,156	6,004,471.8	80.08
Unknown	149	149	2,292	461.8	65.01
-10-CM codes from SFM, 9	00 day washout				
Female	2,168,143	2,168,143	28,187,951	6,272,113.4	76.92
Male	2,169,556	2,169,556	27,118,363	6,005,404.1	80.00
Unknown	149	149	2,293	462.0	64.98
-10-CM codes from FBM, 9	90 day washout				
Female	2,169,906	2,169,906	28,185,726	6,271,183.5	76.99
Male	2,171,430	2,171,430	27,116,154	6,004,470.6	80.08
Unknown	149	149	2,292	461.8	65.01



Table 1d. Summary of Incident Hypertension Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Year

<u>2010-2016</u>					Number of Incident
	Number of Incident				Number of Incident Diagnoses / 1K Eligible
	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
ICD-9-CM codes from an	Algorithm, 183 day washou		Liigible Wellibers	Welliber- Tears	Weilibers
2010	2,136,588	2,136,588	52,722,370	12,110,338.4	40.53
2011	7,146,736	7,146,736	63,032,152	46,227,058.4	113.38
2012	4,140,692	4,140,692	58,419,422	44,623,273.8	70.88
2012	3,114,664	3,114,664	57,183,307	44,025,275.8	70.88 54.47
2013	2,725,173	2,725,173	57,545,776		47.36
2014		· ·		43,445,111.2	
	1,961,280	1,961,280	57,377,704	43,635,437.5	34.18
2016 ICD-9-CM codes from SF	27	27	45,736,542	15,990,741.3	0.00
2010	2,136,581	2,136,581	52,722,671	12 110 412 6	40.52
2010	• •		, ,	12,110,412.6	
	7,146,805	7,146,805	63,032,390	46,227,230.2	113.38
2012	4,140,635	4,140,635	58,419,502	44,623,395.9	70.88
2013	3,114,624	3,114,624	57,183,411	44,146,798.9	54.47
2014	2,725,108	2,725,108	57,545,869	43,445,230.2	47.36
2015	1,961,268	1,961,268	57,378,211	43,635,829.5	34.18
2016	27	27	45,739,308	15,991,925.0	0.00
ICD-9-CM codes from FB		2.426.504	F2 722 674	12 110 112 6	40.52
2010	2,136,581	2,136,581	52,722,671	12,110,412.6	40.52
2011	7,146,805	7,146,805	63,032,390	46,227,230.2	113.38
2012	4,140,635	4,140,635	58,419,502	44,623,395.9	70.88
2013	3,114,624	3,114,624	57,183,411	44,146,798.9	54.47
2014	2,725,108	2,725,108	57,545,869	43,445,230.0	47.36
2015	1,961,268	1,961,268	57,377,828	43,635,563.4	34.18
2016	27	27	45,736,642	15,990,773.6	0.00
	n Algorithm, 183 day washo				
2010	1	1	52,722,370	12,110,338.4	0.00
2011	7	7	64,425,224	47,100,096.3	0.00
2012	22	22	64,585,629	47,582,259.9	0.00
2013	40	40	65,191,062	48,076,220.9	0.00
2014	107	107	66,298,162	47,787,097.9	0.00
2015	2,271,245	2,271,245	66,472,132	48,218,086.1	34.17
2016	3,185,574	3,185,574	52,239,570	17,692,015.6	60.98
ICD-10-CM codes from S	FM, 183 day washout				
2010	1	1	52,722,671	12,110,412.6	0.00
2011	7	7	64,425,416	47,100,245.3	0.00
2012	22	22	64,585,696	47,582,330.9	0.00
2013	40	40	65,191,111	48,076,281.1	0.00
2014	106	106	66,298,193	47,787,141.8	0.00
2015	2,267,636	2,267,636	66,473,004	48,218,722.2	34.11
2016	3,183,323	3,183,323	52,247,473	17,694,833.5	60.93
ICD-10-CM codes from F	BM, 183 day washout				
2010	1	1	52,722,671	12,110,412.6	0.00
2011	7	7	64,425,416	47,100,245.3	0.00
2012	22	22	64,585,696	47,582,330.9	0.00
2013	40	40	65,191,111	48,076,281.1	0.00
2014	107	107	66,298,192	47,787,141.3	0.00
2015	2,271,264	2,271,264	66,472,162	48,218,116.5	34.17



	Number of Incident				Number of Incident Diagnoses / 1K Eligib
	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
D-9-CM codes from an Algorit					
2010	6,121,687	10,765,681	59,827,304	14,362,660.8	102.32
2011	12,393,902	43,429,523	68,676,077	55,982,537.1	180.47
2012	12,517,676	44,640,943	68,904,822	56,651,029.5	181.67
2013	12,677,823	46,364,541	69,659,404	57,248,942.9	182.00
2014	12,732,608	46,725,133	70,996,865	56,961,254.2	179.34
2015	11,227,980	35,290,518	71,140,657	57,427,315.9	157.83
2016	819	1,023	59,085,093	21,179,678.9	0.01
D-9-CM codes from SFM and I					
2010	6,121,409	10,765,017	59,827,304	14,362,660.8	102.32
2011	12,393,783	43,428,367	68,676,077	55,982,537.1	180.47
2012	12,517,591	44,640,101	68,904,822	56,651,029.5	181.66
2013	12,677,749	46,363,696	69,659,404	57,248,942.9	182.00
2014	12,732,535	46,724,723	70,996,865	56,961,254.2	179.34
2015	11,227,949	35,290,243	71,140,657	57,427,315.9	157.83
2016	819	1,023	59,085,093	21,179,678.9	0.01
D-10-CM codes from an Algor	ithm, 0 day washout	·			
2010	10	10	59,827,304	14,362,660.8	0.00
2011	84	84	68,676,077	55,982,537.1	0.00
2012	168	169	68,904,822	56,651,029.5	0.00
2013	400	403	69,659,404	57,248,942.9	0.01
2014	1,221	1,267	70,996,865	56,961,254.2	0.02
2015	6,712,711	12,665,505	71,140,657	57,427,315.9	94.36
2016	8,010,646	18,212,336	59,085,093	21,179,678.9	135.58
D-10-CM codes from SFM, 0 d		10,212,330	33,003,033	21,173,070.3	133.30
2010	10	10	59,827,304	14,362,660.8	0.00
2011	84	84	68,676,077	55,982,537.1	0.00
2012	164	165	68,904,822	56,651,029.5	0.00
2012	400	403	69,659,404		0.01
2014				57,248,942.9	0.01
	1,217	1,262	70,996,865	56,961,254.2	
2015	6,704,634	12,639,645	71,140,657	57,427,315.9	94.24
2016	8,001,792	18,176,563	59,085,093	21,179,678.9	135.43
D-10-CM codes from FBM, 0 d		10	FO 027 204	14.262.660.0	0.00
2010	10	10	59,827,304	14,362,660.8	0.00
2011	84	84	68,676,077	55,982,537.1	0.00
2012	168	169	68,904,822	56,651,029.5	0.00
2013	400	403	69,659,404	57,248,942.9	0.01
2014	1,221	1,267	70,996,865	56,961,254.2	0.02
2015	6,712,720	12,665,530	71,140,657	57,427,315.9	94.36
2016	8,010,677	18,212,381	59,085,093	21,179,678.9	135.58
<u>15</u>					
D-9-CM codes from an Algorit	hm, 90 day washout				
2015	4,133,586	4,133,586	55,581,824	12,137,692.4	74.37
D-9-CM codes from SFM and I	FBM, 90 day washout				
2015	4,133,577	4,133,577	55,581,844	12,137,699.1	74.37
<u>16</u>					
D-10-CM codes from an Algor					
2016	4,341,469	4,341,469	55,304,177	12,276,118.7	78.50
D-10-CM codes from SFM, 90					
2016	4,337,848	4,337,848	55,308,607	12,277,979.5	78.43
D-10-CM codes from FBM, 90	day washout				
2016	4,341,485	4,341,485	55,304,172	12,276,116.0	78.50



Table 1e. Summary of Incident Hypertension Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Year-Month

2010-2016 Number of Incident **Number of Incident** Diagnoses / 1K Eligible Number of Diagnoses Diagnoses **Eligible Members** Members Member- Years ICD-9-CM codes from an Algorithm, 183 day washout 2010 October 724,941 724,941 49,441,391 4,076,849.0 14.66 November 725,254 725,254 48,831,844 3,943,000.5 14.85 December 686,393 686,393 49,982,147 4,090,489.0 13.73 2011 January 707,340 707,340 46,838,557 3,843,699.8 15.10 February 661,378 661,378 46,111,260 3,477,710.2 14.34 46,396,444 March 755,501 755,501 3,862,046.7 16.28 April 648,061 648,061 46,136,362 3,735,960.6 14.05 May 622,403 622,403 45,780,369 3,833,722.1 13.60 600.317 600.317 45.318.520 3,677,402.8 13.25 June 542,092 542,092 4,061,828.4 July 48,715,773 11.13 588,893 August 588,893 48,866,539 4,048,742.1 12.05 September 559,535 3,883,280.6 11.70 559,535 47,822,865 October 531,099 531,099 48,089,741 3,988,237.5 11.04 487,339 November 487.339 47.275.161 3.842.615.6 10.31 December 442,778 442,778 48,238,755 3,971,812.2 9.18 2012 9.80 439,643 439,643 44,872,263 3,708,488.6 January February 407,004 407,004 44,049,954 3,464,138.7 9.24 March 394,023 394,023 43.970.467 3,691,007.4 8.96 353.352 43,885,143 April 353.352 3.573.703.5 8.05 346,534 346,534 3,673,547.3 7.94 May 43,663,363 June 310,412 310,412 43,431,283 3,540,588.7 7.15 July 324,872 324,872 46.490.513 3,902,534.5 6.99 August 337,961 337,961 46,867,558 3,886,253.7 7.21 September 305,715 305,715 45,985,763 3,746,633.1 6.65 October 342,035 342,035 46,357,152 3,856,791.8 7.38 November 306,873 306,873 45,680,326 3,724,591.4 6.72 272,268 December 272,268 46,600,524 3,854,995.3 5.84 2013 January 301,557 301,557 44,053,706 3,630,928.8 6.85 February 259,564 259,564 43.330.405 3.298.801.9 5.99 43,746,808 March 263,802 263,802 3,678,516.0 6.03 April 270,604 270,604 43,616,879 3,556,361.6 6.20 Mav 248,602 248,602 43,455,590 3,662,012.7 5.72 June 219,262 219,262 43,109,645 3,519,632.8 5.09 260,476 July 260,476 46,221,669 3,874,172.9 5.64 262,447 262,447 46,426,611 3,864,758.7 5.65 August September 257,035 257,035 45,566,663 3,716,287.8 5.64 285,285 October 285.285 45.943.226 3.827.274.9 6.21 November 249,360 249,360 45,297,556 3,695,259.1 5.50 December 236,670 236,670 46,279,544 3,822,670.5 5.11 2014 January 241,871 241,871 42,933,068 3,555,227.9 5.63 214,318 5.07 February 214,318 42,240,173 3,218,122.6 223,147 223,147 42,419,441 3,572,016.5 5.26 March 220,116 220,116 42,386,150 3,457,183.9 5.19 April May 200,699 200,699 42,212,133 3,558,810.9 4.75 June 192,946 192,946 42,168,480 3,442,187.3 4.58 July 238,590 238,590 46,120,783 3,861,357.3 5.17 227,393 227.393 46.284.587 3.811.650.6 4.91 August September 245,780 245,780 45,034,864 3,673,469.8 5.46 October 261,509 261,509 45,846,381 3,802,006.5 5.70 222,335 3,685,601.0 4.92 November 222,335 45.167.977 December 236,469 236,469 46,060,999 3,807,476.9 5.13



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Inciden Diagnoses / 1K Eligib Members
2015		Diagnoses	Number of Diagnoses	Eligible Members	iviember- Years	Wembers
2013	January	222,444	222,444	43,014,064	3,560,943.9	5.17
	February	204,644	204,644	42,342,867	3,195,270.7	4.83
	March	229,378	229,378	42,487,675	3,573,460.6	5.40
	April	219,494	219,494	42,499,864	3,464,958.6	5.16
	May	192,282	192,282	42,393,770	3,574,026.9	4.54
	June	200,581	200,581	42,374,732	3,459,176.5	4.73
		230,503				5.00
	July	•	230,503	46,056,802	3,858,035.8	
	August	224,522	224,522	46,491,420	3,852,293.1	4.83
	September	237,378	237,378	45,638,510	3,723,181.8	5.20
	October	25	25	46,145,461	3,836,466.5	0.00
	November	17	17	45,451,195	3,707,912.0	0.00
	December	12	12	46,274,204	3,829,711.0	0.00
2016		_	_			
	January	9	9	42,677,792	3,538,615.5	0.00
	February	8	8	42,007,422	3,312,877.8	0.00
	March	5	5	42,277,728	3,544,876.1	0.00
	April	1	1	30,097,174	2,454,597.1	0.00
	May	2	2	14,723,229	1,243,711.5	0.00
	June	1	1	14,756,120	1,206,889.1	0.00
	July	1	1	4,795,437	404,428.2	0.00
	August	0	0	3,812,398	284,746.2	0.00
-CM cod	les from SFM, 183					
2010						
	October	724,937	724,937	49,441,691	4,076,873.9	14.66
	November	725,261	725,261	48,832,137	3,943,024.8	14.85
	December	686,383	686,383	49,982,441	4,090,513.9	13.73
2011			•			
	January	707,378	707,378	46,838,847	3,843,722.6	15.10
	February	661,403	661,403	46,111,515	3,477,728.6	14.34
	March	755,522	755,522	46,396,655	3,862,064.5	16.28
	April	648,076	648,076	46,136,544	3,735,975.1	14.05
	May	•	622,406			13.60
	•	622,406		45,780,530	3,833,735.8	
	June	600,327	600,327	45,318,672	3,677,414.8	13.25
	July	542,089	542,089	48,715,920	4,061,841.1	11.13
	August	588,891	588,891	48,866,681	4,048,754.4	12.05
	September	559,526	559,526	47,823,001	3,883,292.2	11.70
	October	531,084	531,084	48,089,873	3,988,249.4	11.04
	November	487,336	487,336	47,275,297	3,842,627.2	10.31
	December	442,767	442,767	48,238,891	3,971,824.3	9.18
2012						
	January	439,649	439,649	44,872,385	3,708,498.9	9.80
	February	406,996	406,996	44,050,060	3,464,147.9	9.24
	March	394,015	394,015	43,970,581	3,691,017.4	8.96
	April	353,342	353,342	43,885,259	3,573,713.7	8.05
	May	346,529	346,529	43,663,486	3,673,558.1	7.94
	June	310,409	310,409	43,431,408	3,540,599.0	7.15
	July	324,874	324,874	46,490,641	3,902,545.2	6.99
	August	337,958	337,958	46,867,672	3,886,263.8	7.21
	September	305,702	305,702	45,985,872	3,746,642.9	6.65
	October	342,025	342,025	46,357,269	3,856,802.4	7.38
	November	306,871	306,871	45,680,444	3,724,601.4	6.72
	December		272,265	46,600,639		5.84
2013	December	272,265	272,203	40,000,039	3,855,005.1	3.04
2013	lam.com.	201 550	201 550	44.052.011	2 (20 020 0	C 0F
	January	301,550	301,550	44,053,811	3,630,938.0	6.85
	February	259,552	259,552	43,330,516	3,298,810.6	5.99
	March	263,803	263,803	43,746,931	3,678,526.6	6.03
	April	270,601	270,601	43,617,002	3,556,371.8	6.20
	May	248,600	248,600	43,455,710	3,662,023.2	5.72
	June	219,260	219,260	43,109,768	3,519,642.8	5.09
	July	260,475	260,475	46,221,798	3,874,183.8	5.64
	August	262,446	262,446	46,426,735	3,864,769.4	5.65
	September	257,031	257,031	45,566,781	3,716,297.8	5.64
	•	285,284	285,284	45,943,347	3,827,285.1	6.21
	October					
	October November	249,351	249,351	45,297,671	3,695,269.0	5.50



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Inciden Diagnoses / 1K Eligil Members
2014						
	January	241,867	241,867	42,933,176	3,555,237.2	5.63
	February	214,318	214,318	42,240,279	3,218,130.9	5.07
	March	223,137	223,137	42,419,544	3,572,025.7	5.26
	April	220,114	220,114	42,386,261	3,457,193.3	5.19
	May	200,695	200,695	42,212,242	3,558,820.4	4.75
	•	•	•			
	June	192,937	192,937	42,168,588	3,442,196.5	4.58
	July	238,577	238,577	46,120,899	3,861,367.6	5.17
	August	227,392	227,392	46,284,713	3,811,661.2	4.91
	September	245,774	245,774	45,034,988	3,673,480.1	5.46
	October	261,503	261,503	45,846,506	3,802,017.6	5.70
	November	222,329	222,329	45,168,104	3,685,611.6	4.92
	December	236,465	236,465	46,061,131	3,807,488.3	5.13
2015	December	230,403	230,403	40,001,131	3,007,100.3	5.15
2013	lam.com.	222 445	222.445	42.014.103	2.500.054.7	F 17
	January	222,445	222,445	43,014,193	3,560,954.7	5.17
	February	204,641	204,641	42,342,994	3,195,280.5	4.83
	March	229,376	229,376	42,487,802	3,573,471.5	5.40
	April	219,491	219,491	42,499,991	3,464,969.1	5.16
	May	192,282	192,282	42,393,901	3,574,038.1	4.54
	June	200,576	200,576	42,374,860	3,459,187.2	4.73
	July	230,505	230,505	46,056,936	3,858,047.2	5.00
	•	•	•			
	August	224,519	224,519	46,491,546	3,852,304.0	4.83
	September	237,379	237,379	45,638,638	3,723,192.4	5.20
	October	25	25	46,145,646	3,836,508.9	0.00
	November	17	17	45,452,157	3,708,010.0	0.00
	December	12	12	46,275,877	3,829,865.9	0.00
2016	200020.			.0,273,077	5,025,005.5	0.00
2010	lam.com.	0	0	42 (80 042	2 520 011 2	0.00
	January	9	9	42,680,043	3,538,811.3	0.00
	February	8	8	42,010,279	3,313,110.7	0.00
	March	5	5	42,281,307	3,545,178.1	0.00
	April	1	1	30,099,988	2,454,838.3	0.00
	May	2	2	14,724,290	1,243,806.1	0.00
	June	1	1	14,757,196	1,206,982.7	0.00
		1	1		404,441.9	0.00
	July			4,795,585	· ·	
		^	0			
Ch4	August	0	0	3,812,521	284,756.0	0.00
		0 83 day washout	0	5,612,521	204,730.0	0.00
- <b>CM coo</b>	des from FBM, 1	.83 day washout				
	des from FBM, 1 October	. <b>83 day washout</b> 724,937	724,937	49,441,691	4,076,873.9	14.66
	des from FBM, 1	.83 day washout		49,441,691 48,832,137		
	des from FBM, 1 October	. <b>83 day washout</b> 724,937	724,937	49,441,691	4,076,873.9	14.66
	des from FBM, 1 October November	724,937 725,261	724,937 725,261	49,441,691 48,832,137	4,076,873.9 3,943,024.8	14.66 14.85
2010	October November December	724,937 725,261 686,383	724,937 725,261 686,383	49,441,691 48,832,137 49,982,441	4,076,873.9 3,943,024.8 4,090,513.9	14.66 14.85 13.73
2010	October November December January	724,937 725,261 686,383 707,378	724,937 725,261 686,383 707,378	49,441,691 48,832,137 49,982,441 46,838,847	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6	14.66 14.85 13.73
2010	October November December January February	724,937 725,261 686,383 707,378 661,403	724,937 725,261 686,383 707,378 661,403	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6	14.66 14.85 13.73 15.10 14.34
2010	October November December January February March	724,937 725,261 686,383 707,378 661,403 755,522	724,937 725,261 686,383 707,378 661,403 755,522	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5	14.66 14.85 13.73 15.10 14.34 16.28
2010	October November December January February March April	724,937 725,261 686,383 707,378 661,403 755,522 648,076	724,937 725,261 686,383 707,378 661,403 755,522 648,076	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1	14.66 14.85 13.73 15.10 14.34 16.28 14.05
2010	October November December  January February March April May	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60
2010	October November December January February March April	724,937 725,261 686,383 707,378 661,403 755,522 648,076	724,937 725,261 686,383 707,378 661,403 755,522 648,076	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1	14.66 14.85 13.73 15.10 14.34 16.28 14.05
2010	October November December  January February March April May	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60
2010	October November December  January February March April May June July	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13
2010	October November December  January February March April May June July August	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05
2010	October November December  January February March April May June July August September	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70
2010	October November December  January February March April May June July August September October	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04
2010	October November December  January February March April May June July August September October November	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31
2010	October November December  January February March April May June July August September October	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04
2010	October November December  January February March April May June July August September October November	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31
2010	October November December  January February March April May June July August September October November	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31
2010	October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18
2010	October November December  January February March April May June July August September October November December  January February	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18
2010	October November December  January February March April May June July August September October November December  January February March	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767 439,649 406,996 394,015	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96
2010	October November December  January February March April May June July August September October November December  January February March April	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767 439,649 406,996 394,015 353,342	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05
2010	October November December  January February March April May June July August September October November December  January February March	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767 439,649 406,996 394,015	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96
2010	October November December  January February March April May June July August September October November December  January February March April	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767 439,649 406,996 394,015 353,342	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05
2010	October November December  January February March April May June July August September October November December  January February March April May	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529	724,937 725,261 686,383 707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767 439,649 406,996 394,015 353,342 346,529	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486 43,431,408 46,490,641	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1 3,540,599.0 3,902,545.2	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94 7.15 6.99
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486 43,431,408 46,490,641 46,867,672	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1 3,540,599.0 3,902,545.2 3,886,263.8	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94 7.15 6.99 7.21
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486 43,431,408 46,490,641 46,867,672 45,985,872	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1 3,540,599.0 3,902,545.2 3,886,263.8 3,746,642.9	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94 7.15 6.99 7.21 6.65
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702 342,025	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702 342,025	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486 43,431,408 46,490,641 46,867,672 45,985,872 46,357,269	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1 3,540,599.0 3,902,545.2 3,886,263.8 3,746,642.9 3,856,802.4	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94 7.15 6.99 7.21 6.65 7.38
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September October November December	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702	724,937 725,261 686,383  707,378 661,403 755,522 648,076 622,406 600,327 542,089 588,891 559,526 531,084 487,336 442,767  439,649 406,996 394,015 353,342 346,529 310,409 324,874 337,958 305,702	49,441,691 48,832,137 49,982,441 46,838,847 46,111,515 46,396,655 46,136,544 45,780,530 45,318,672 48,715,920 48,866,681 47,823,001 48,089,873 47,275,297 48,238,891 44,872,385 44,050,060 43,970,581 43,885,259 43,663,486 43,431,408 46,490,641 46,867,672 45,985,872	4,076,873.9 3,943,024.8 4,090,513.9 3,843,722.6 3,477,728.6 3,862,064.5 3,735,975.1 3,833,735.8 3,677,414.8 4,061,841.1 4,048,754.4 3,883,292.2 3,988,249.4 3,842,627.2 3,971,824.3 3,708,498.9 3,464,147.9 3,691,017.4 3,573,713.7 3,673,558.1 3,540,599.0 3,902,545.2 3,886,263.8 3,746,642.9	14.66 14.85 13.73 15.10 14.34 16.28 14.05 13.60 13.25 11.13 12.05 11.70 11.04 10.31 9.18 9.80 9.24 8.96 8.05 7.94 7.15 6.99 7.21 6.65



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligibl Members
2013						
	January	301,550	301,550	44,053,811	3,630,938.0	6.85
	February	259,552	259,552	43,330,516	3,298,810.6	5.99
	March	263,803	263,803	43,746,931	3,678,526.6	6.03
	April	270,601	270,601	43,617,002	3,556,371.8	6.20
	May	248,600	248,600	43,455,710	3,662,023.2	5.72
	June	219,260	219,260	43,109,768	3,519,642.8	5.09
	July	260,475	260,475	46,221,798	3,874,183.8	5.64
	August	262,446	262,446	46,426,735	3,864,769.4	5.65
	September	257,031	257,031	45,566,781	3,716,297.8	5.64
	October	285,284	285,284	45,943,347	3,827,285.1	6.21
	November	249,351	249,351	45,297,671	3,695,269.0	5.50
	December	236,671	236,671	46,279,667	3,822,680.8	5.11
2014			/-	-, -,	-,- ,	
	January	241,867	241,867	42,933,176	3,555,237.2	5.63
	February	214,318	214,318	42,240,279	3,218,130.9	5.07
	March	223,137	223,137	42,419,544	3,572,025.6	5.26
	April	220,114	220,114	42,386,260	3,457,193.2	5.19
	May	200,695	200,695	42,212,241	3,558,820.3	4.75
	June	192,937	192,937	42,168,588	3,442,196.5	4.58
	July	238,577	238,577	46,120,899	3,861,367.6	5.17
	•	· ·	•			
	August	227,392	227,392	46,284,713	3,811,661.2	4.91
	September	245,774	245,774	45,034,988	3,673,480.1	5.46
	October	261,503	261,503	45,846,506	3,802,017.6	5.70
	November	222,329	222,329	45,168,104	3,685,611.6	4.92
	December	236,465	236,465	46,061,131	3,807,488.3	5.13
2015						
	January	222,445	222,445	43,014,193	3,560,954.7	5.17
	February	204,641	204,641	42,342,994	3,195,280.5	4.83
	March	229,376	229,376	42,487,802	3,573,471.5	5.40
	April	219,491	219,491	42,499,991	3,464,969.1	5.16
	May	192,282	192,282	42,393,901	3,574,038.1	4.54
	June	200,576	200,576	42,374,860	3,459,187.2	4.73
	July	230,505	230,505	46,056,936	3,858,047.2	5.00
	August	224,519	224,519	46,491,546	3,852,304.0	4.83
	September	237,379	237,379	45,638,637	3,723,192.2	5.20
	October	25	25	46,145,586	3,836,477.0	0.00
	November	17	17	45,451,315	3,707,921.6	0.00
	December	12	12	46,274,314	3,829,720.4	0.00
2016						
	January	9	9	42,677,890	3,538,623.9	0.00
	February	8	8	42,007,514	3,312,884.9	0.00
	March	5	5	42,277,818	3,544,883.4	0.00
	April	1	1	30,097,222	2,454,600.9	0.00
	May	2	2	14,723,266	1,243,714.4	0.00
	June	1	1	14,756,151	1,206,891.5	0.00
	July	1	1	4,795,440	404,428.4	0.00
	August	0	0	3,812,397	284,746.2	0.00
0-CM cc		gorithm, 183 day washout		3,012,337	204,740.2	0.00
2010	oues from an Al	goritimi, 105 day washout				
2010	October	0	0	49,441,391	4,076,849.0	0.00
					· · ·	0.00
	November	1	1	48,831,844	3,943,000.5	
2011	December	0	0	49,982,147	4,090,489.0	0.00
2011	lam.	^	^	46 020 557	2 042 602 2	0.00
	January	0	0	46,838,557	3,843,699.8	0.00
	February	1	1	46,111,260	3,477,710.2	0.00
	March	1	1	46,396,444	3,862,046.7	0.00
	April	1	1	46,407,886	3,745,499.6	0.00
	May	1	1	46,336,384	3,867,132.6	0.00
	June	1	1	46,152,083	3,730,796.3	0.00
	July	0	0	49,830,089	4,136,162.9	0.00
	August	1	1	50,281,726	4,146,321.6	0.00
	September	0	0	49,563,520	4,001,825.2	0.00
	October	0	0	50,133,029	4,133,251.4	0.00
	-	0 1	0 1	50,133,029 49,550,022	4,133,251.4 4,001,932.4	0.00 0.00



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
2012		2.480000				
	January	0	0	47,429,479	3,895,043.7	0.00
	February	1	1	46,751,516	3,650,174.7	0.00
	March	5	5	46,841,130	3,899,973.4	0.00
	April	1	1	46,918,499	3,789,281.7	0.00
	May	0	0	46,847,217	3,908,688.5	0.00
	June	3	3	46,733,003	3,779,120.4	0.00
	July	1	1	49,889,347	4,156,226.4	0.00
	August	4	4	50,478,949	4,153,664.3	0.00
	September	3	3	49,770,648	4,019,042.4	0.00
	October	0	0	50,294,347		0.00
	November	3	3	49,705,094	4,148,248.7	0.00
					4,017,061.6	
2012	December	1	1	50,750,065	4,165,734.2	0.00
2013						
	January	3	3	48,089,237	3,932,615.2	0.00
	February	2	2	47,369,336	3,575,632.7	0.00
	March	5	5	47,909,342	3,989,838.7	0.00
	April	3	3	47,852,464	3,864,615.4	0.00
	May	3	3	47,748,221	3,985,880.5	0.00
	June	2	2	47,446,051	3,839,234.7	0.00
	July	3	3	50,617,210	4,206,668.5	0.00
	August	1	1	50,954,240	4,206,001.2	0.00
	September	1	1	50,196,553	4,055,579.9	0.00
	October	4	4	50,703,510	4,183,913.3	0.00
	November	7	7	50,077,616	4,045,604.7	0.00
2011	December	6	6	51,132,130	4,190,636.0	0.00
2014			_			
	January	9	9	47,524,244	3,902,544.2	0.00
	February	7	7	46,819,409	3,534,865.1	0.00
	March	7	7	47,075,823	3,924,981.6	0.00
	April	6	6	47,097,627	3,802,739.5	0.00
	May	9	9	46,995,024	3,921,371.5	0.00
	June	10	10	46,945,165	3,796,936.9	0.00
	July	9	9	50,943,630	4,228,950.3	0.00
	August	11	11	51,192,860	4,182,202.7	0.00
	September	11	11	50,010,150	4,040,217.9	0.00
	October	8	8			0.00
	November			50,941,184	4,186,894.4	
		10	10	50,277,471	4,062,760.6	0.00
	December	10	10	51,264,460	4,202,633.2	0.00
2015						
	January	44	44	47,983,206	3,938,905.9	0.00
	February	22	22	47,294,047	3,532,426.6	0.00
	March	35	35	47,402,866	3,948,488.5	0.00
	April	32	32	47,461,231	3,830,873.3	0.00
	May	55	55	47,379,334	3,955,583.8	0.00
	June	61	61	47,350,230	3,830,307.2	0.00
	July	129	129	51,084,240	4,242,869.5	0.00
	August	341	341	51,599,504	4,243,771.6	0.01
	September	3,950	3,950	50,857,942	4,109,005.9	0.08
	October			· ·		15.35
		790,486	790,486	51,488,391	4,240,842.5	
	November	737,208	737,208	50,796,230	4,103,195.7	14.51
	December	738,882	738,882	51,694,236	4,241,815.6	14.29
2016						
	January	711,714	711,714	47,814,200	3,929,442.8	14.88
	February	721,371	721,371	47,127,320	3,679,086.2	15.31
	March	743,236	743,236	47,422,964	3,934,375.9	15.67
	April	519,934	519,934	33,771,946	2,736,275.9	15.40
	May	204,110	204,110	16,191,261	1,360,711.4	12.61
	June	196,363	196,363	16,102,504	1,311,211.7	12.19
	July	53,918	53,918	5,201,743	436,344.0	10.37
	August	34,928	34,928	4,095,756	304,567.6	8.53
			37,320	7,033,730	307,307.0	0.55
10-CN4 cc	adas from CERA					
	odes from SFM,	105 day washout				
<b>10-CM co</b> 2010		•		40.441.601	4.076.073.0	2.22
	October	0	0	49,441,691	4,076,873.9	0.00
		•	0 1 0	49,441,691 48,832,137 49,982,441	4,076,873.9 3,943,024.8 4,090,513.9	0.00 0.00 0.00



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incid Diagnoses / 1K Eli Members
2011		2.480000	. tumber of Englished	g		
	January	0	0	46,838,847	3,843,722.6	0.00
	February	1	1	46,111,515	3,477,728.6	0.00
	March	1	1	46,396,655	3,862,064.5	0.00
	April	1	1	46,408,057	3,745,513.7	0.00
	May	1	1	46,336,523	3,867,144.8	0.00
	June	1	1	46,152,199	3,730,805.8	0.00
	July	0	0			0.00
	-	1	1	49,830,207	4,136,172.9	
	August		0	50,281,833	4,146,331.1	0.00
	September	0		49,563,627	4,001,834.3	0.00
	October	0	0	50,133,132	4,133,260.5	0.00
	November	1	1	49,550,120	4,001,940.7	0.00
2012	December	0	0	50,768,167	4,153,725.6	0.00
	January	0	0	47,429,558	3,895,050.2	0.00
	February	1	1	46,751,588	3,650,180.6	0.00
	March	5	5	46,841,203	3,899,979.9	0.00
	April	1	1	46,918,570	3,789,288.1	0.00
	May	0	0	46,847,297	3,908,695.1	0.00
	June	3	3	46,733,075	3,779,126.6	0.00
	July	1	1	49,889,427	4,156,232.5	0.00
	August	4	4	50,479,009	4,153,670.1	0.00
	September	3	3	49,770,701	4,019,047.2	0.00
	October	0	0	50,294,406	4,148,254.2	0.00
	November	3	3	49,705,163	4,017,067.0	0.00
	December	1	1	50,750,125	4,165,739.4	0.00
2013	In a common of	2	2	40 000 204	2 022 620 2	0.00
	January	3	3	48,089,291	3,932,620.2	0.00
	February	2	2	47,369,405	3,575,638.1	0.00
	March	5	5	47,909,417	3,989,845.2	0.00
	April	3	3	47,852,536	3,864,621.3	0.00
	May	3	3	47,748,287	3,985,886.2	0.00
	June	2	2	47,446,115	3,839,239.8	0.00
	July	3	3	50,617,278	4,206,674.2	0.00
	August	1	1	50,954,295	4,206,006.4	0.00
	September	1	1	50,196,600	4,055,584.2	0.00
	October	4	4	50,703,555	4,183,917.3	0.00
	November	7	7	50,077,656	4,045,608.4	0.00
	December	6	6	51,132,176	4,190,639.8	0.00
2014	January	9	9	47,524,283	3,902,547.4	0.00
	February	7	7	46,819,442	3,534,867.8	0.00
	March	6	6	47,075,856	3,924,984.5	0.00
	April	6	6	47,073,630	3,802,743.0	0.00
		9	9			
	May			46,995,062	3,921,375.0	0.00
	June	10	10	46,945,202	3,796,940.2	0.00
	July	9	9	50,943,665	4,228,954.0	0.00
	August	11	11	51,192,909	4,182,206.7	0.00
	September	11	11	50,010,194	4,040,221.7	0.00
	October	8	8	50,941,233	4,186,898.7	0.00
	November	10	10	50,277,521	4,062,764.9	0.00
2015	December	10	10	51,264,510	4,202,637.9	0.00
2013	January	44	44	47,983,256	3,938,910.2	0.00
	February	22	22	47,294,092	3,532,430.3	0.00
	March	35	35	47,402,906	3,948,492.0	0.00
	April	32	32	47,461,267	3,830,876.1	0.00
	May	55	55	47,379,361	3,955,586.6	0.00
	June	61	61	47,350,260	3,830,309.7	0.00
	July	129	129	51,084,272	4,242,872.2	0.00
	August	340	340	51,599,534	4,243,774.3	0.01
	September	3,939	3,939	50,857,971	4,109,008.1	0.08
	October	789,000	3,939 789,000	51,488,616	4,240,914.6	15.32
	November	736,138	736,138	50,798,280	4,103,396.0	14.49
	December	737,841	737,841	51,698,028	4,242,152.3	14.27



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
2016		Diagnoses	Number of Diagnoses	Liigible Mellibers	Weiliber- Tears	Wellibers
2010	January	710,949	710,949	47,819,379	3,929,875.6	14.87
	February	720,759	720,759	47,134,101	3,679,611.7	15.29
	March	742,685	742,685	47,431,781	3,935,081.3	15.66
	April	519,833	519,833	33,779,171	2,736,869.0	15.39
	May	203,973	203,973	16,193,998	1,360,948.2	12.60
	June	196,292	196,292	16,105,367	1,311,449.7	12.19
	July	53,909	53,909	5,202,304	436,392.6	10.36
	August	34,923	34,923	4,096,207		8.53
0-CM co		183 day washout	34,323	4,030,207	304,605.4	6.33
2010	acs iroin i bivi,	105 day Washout				
2010	October	0	0	49,441,691	4,076,873.9	0.00
	November	1	1	48,832,137	3,943,024.8	0.00
	December	0	0	49,982,441	4,090,513.9	0.00
2011	December	O	V	43,302,441	4,050,515.5	0.00
2011	January	0	0	46,838,847	3,843,722.6	0.00
	-	1	1			0.00
	February	1	1	46,111,515	3,477,728.6	
	March			46,396,655	3,862,064.5	0.00
	April	1	1	46,408,057	3,745,513.7	0.00
	May	1	1	46,336,523	3,867,144.8	0.00
	June	1	1	46,152,199	3,730,805.8	0.00
	July	0	0	49,830,207	4,136,172.9	0.00
	August	1	1	50,281,833	4,146,331.1	0.00
	September	0	0	49,563,627	4,001,834.3	0.00
	October	0	0	50,133,132	4,133,260.5	0.00
	November	1	1	49,550,120	4,001,940.7	0.00
	December	0	0	50,768,167	4,153,725.6	0.00
2012				, ,	, ,	
	January	0	0	47,429,558	3,895,050.2	0.00
	February	1	1	46,751,588	3,650,180.6	0.00
	March	5	5	46,841,203	3,899,979.9	0.00
	April	1	1	46,918,570	3,789,288.1	0.00
	May	0	0	46,847,297	3,908,695.1	0.00
	June	3	3			
				46,733,075	3,779,126.6	0.00
	July	1	1	49,889,427	4,156,232.5	0.00
	August	4	4	50,479,009	4,153,670.1	0.00
	September	3	3	49,770,701	4,019,047.2	0.00
	October	0	0	50,294,406	4,148,254.2	0.00
	November	3	3	49,705,163	4,017,067.0	0.00
	December	1	1	50,750,125	4,165,739.4	0.00
2013						
	January	3	3	48,089,291	3,932,620.2	0.00
	February	2	2	47,369,405	3,575,638.1	0.00
	March	5	5	47,909,417	3,989,845.2	0.00
	April	3	3	47,852,536	3,864,621.3	0.00
	May	3	3	47,748,287	3,985,886.2	0.00
	June	2	2	47,446,115	3,839,239.8	0.00
	July	3	3	50,617,278	4,206,674.2	0.00
	August	1	1	50,954,295	4,206,006.4	0.00
	September	1	1	50,196,600	4,055,584.2	0.00
	October	4	4			
				50,703,555	4,183,917.3	0.00
	November	7	7	50,077,656	4,045,608.4	0.00
20	December	6	6	51,132,176	4,190,639.8	0.00
2014		-		47		
	January	9	9	47,524,283	3,902,547.4	0.00
	February	7	7	46,819,442	3,534,867.8	0.00
	March	7	7	47,075,856	3,924,984.4	0.00
	April	6	6	47,097,667	3,802,742.9	0.00
	May	9	9	46,995,061	3,921,374.9	0.00
	June	10	10	46,945,201	3,796,940.1	0.00
	July	9	9	50,943,664	4,228,953.9	0.00
	August	11	11	51,192,908	4,182,206.6	0.00
	September	11	11	50,010,193	4,040,221.6	0.00
	-					
	October	8	8	50,941,233	4,186,898.7	0.00
	November	10	10	50,277,521	4,062,764.9	0.00
	December	10	10	51,264,510	4,202,637.9	0.00



		Number of Incident				Number of Incid Diagnoses / 1K Eli
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2015	lamam.	4.4	44	47.002.256	2 020 010 2	0.00
	January	44	44	47,983,256	3,938,910.2	0.00
	February	22	22	47,294,092	3,532,430.3	0.00
	March	35	35	47,402,905	3,948,492.0	0.00
	April	32	32	47,461,266	3,830,876.0	0.00
	May	55	55	47,379,361	3,955,586.6	0.00
	June	61	61	47,350,260	3,830,309.7	0.00
	July	129	129	51,084,272	4,242,872.2	0.00
	August	341	341	51,599,534	4,243,774.2	0.01
	September	3,950	3,950	50,857,970	4,109,008.0	0.08
	October	790,492	790,492	51,488,418	4,240,844.6	15.35
	November	737,217	737,217	50,796,250	4,103,196.9	14.51
	December	738,886	738,886	51,694,243	4,241,816.0	14.29
2016						
	January	711,717	711,717	47,814,199	3,929,443.1	14.89
	February	721,377	721,377	47,127,314	3,679,085.5	15.31
	March	743,244	743,244	47,422,949	3,934,374.5	15.67
	April	519,939	519,939	33,771,928	2,736,274.1	15.40
	May	204,114	204,114	16,191,246	1,360,710.0	12.61
	June	196,365	196,365	16,102,485	1,311,210.1	12.19
	July	53,918	53,918	5,201,743	436,344.0	10.37
	August	34,928	34,928	4,095,755	304,567.6	8.53
·CM coc		thm, 0 day washout	34,320	4,033,133	304,307.0	0.33
2010						
	October	2,705,216	3,651,649	57,716,153	4,834,624.7	46.87
	November	2,665,854	3,598,049	57,083,139	4,676,871.8	46.70
	December	2,600,861	3,515,983	58,361,401	4,851,164.3	44.56
2011		_,,	2,5 = 2,5 = 5	,,	.,,	
	January	2,550,341	3,468,465	54,708,355	4,559,066.6	46.62
	February	2,459,502	3,310,155	54,004,537	4,128,109.5	45.54
	March	2,816,993	3,895,277	54,304,661	4,589,505.2	51.87
		2,571,730		54,376,438		47.29
	April		3,486,140		4,451,813.2	
	May	2,593,406	3,522,638	54,345,382	4,596,809.0	47.72
	June	2,625,092	3,567,409	54,180,080	4,437,454.8	48.45
	July	2,559,060	3,454,452	58,516,097	4,922,622.7	43.73
	August	2,801,464	3,840,071	58,949,591	4,934,256.4	47.52
	September	2,741,140	3,716,935	58,085,767	4,756,913.3	47.19
	October	2,802,577	3,798,153	58,676,595	4,912,248.5	47.76
	November	2,747,942	3,714,917	58,078,196	4,756,987.5	47.31
	December	2,696,274	3,654,911	59,388,173	4,936,750.4	45.40
2012						
	January	2,701,487	3,710,619	55,530,223	4,630,251.0	48.65
	February	2,647,095	3,604,239	54,876,327	4,343,731.8	48.24
	March	2,771,095	3,808,897	54,975,889	4,646,212.7	50.41
	April	2,659,723	3,607,851	55,096,138	4,512,914.6	48.27
	May	2,737,579	3,757,782	55,049,184	4,658,029.6	49.73
	June	2,604,132	3,533,714	54,978,230	4,504,350.2	47.37
	July	2,705,091	3,689,618	58,694,936	4,954,101.6	46.09
	August	2,839,243	3,912,485	59,224,748	4,948,556.2	47.94
	September	2,647,613	3,577,398	58,386,075	4,782,162.8	45.35
	October	2,972,388	4,088,718	58,911,806	4,936,312.3	50.45
	November	2,788,536	3,792,285	58,315,915	4,778,740.5	47.82
	December	2,618,784	3,557,337	59,471,414	4,955,666.4	44.03
2013		. , -	, ,			
	January	2,789,409	3,882,447	56,197,731	4,670,823.4	49.64
	February	2,554,999	3,494,385	55,542,762	4,246,777.7	46.00
	March	2,696,210	3,734,684	56,138,854	4,744,073.1	48.03
	April	2,851,691	3,996,748	56,104,107	4,595,653.8	50.83
				56,057,246		49.41
	May	2,769,588	3,880,435		4,744,239.6	
	June	2,568,714	3,538,293	55,778,760	4,571,072.3	46.05
	July	2,844,604	3,975,943	59,556,573	5,016,305.0	47.76
	August	2,850,079	3,982,777	59,876,675	5,015,940.4	47.60
	September	2,801,061	3,866,847	59,000,407	4,833,576.6	47.48
	October	3,095,827	4,346,018	59,493,519	4,988,077.6	52.04
	November	2,771,144	3,822,868	58,886,507	4,825,393.1	47.06



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incide Diagnoses / 1K Elig Members
2014		2.08.10000		g		
	January	2,720,780	3,820,382	55,701,673	4,645,703.0	48.85
	February	2,545,372	3,525,918	55,017,049	4,207,098.7	46.27
	March	2,736,263	3,845,031	55,271,800	4,673,920.9	49.51
	April	2,787,016	3,921,177	55,288,350	4,527,701.2	50.41
	May	2,676,484	3,771,627	55,167,407	4,668,733.3	48.52
	June	2,637,212	3,690,944	55,203,751	4,521,918.7	47.77
	July	2,885,532	4,085,315	60,017,841	5,048,903.4	48.08
				60,258,780		45.66
	August September	2,751,464	3,877,568	, ,	4,995,827.3	
	•	2,892,130	4,077,746	58,851,445	4,821,953.3	49.14
	October	3,068,861	4,358,908	59,811,527	4,994,616.9	51.31
	November	2,661,780	3,691,352	59,123,837	4,845,527.4	45.02
	December	2,869,516	4,059,165	60,149,691	5,009,350.1	47.71
2015						
	January	2,679,308	3,788,814	56,110,525	4,678,415.9	47.75
	February	2,506,756	3,513,798	55,431,573	4,198,556.6	45.22
	March	2,856,737	4,074,785	55,562,529	4,693,730.3	51.41
	April	2,840,361	4,036,269	55,654,716	4,555,384.6	51.04
	May	2,639,473	3,734,454	55,625,323	4,706,910.3	47.45
	June	2,774,628	3,946,867	55,657,221	4,559,569.0	49.85
	July	2,897,588	4,137,767	60,121,043	5,059,633.5	48.20
	August	2,823,020	3,992,538	60,711,514	5,062,973.3	46.50
	September	2,914,101	4,061,750	59,802,370	4,899,634.6	48.73
	October	1,218	2,326	60,415,951	5,056,566.0	0.02
	November	468	715	59,733,371	4,894,566.1	0.01
	December	268	435	60,716,875	5,061,375.7	0.00
2016						
	January	207	282	56,184,879	4,690,539.7	0.00
	February	176	222	55,510,698	4,396,218.4	0.00
	March	123	126	55,892,627	4,707,486.7	0.00
	April	89	89	40,838,247	3,348,128.0	0.00
	May	89	90	18,931,915	1,605,398.3	0.00
	June	92	94	18,953,391	1,556,068.3	0.00
	July	69	69	6,080,161	514,545.9	0.01
	August	51	51	4,828,490	361,293.6	0.01
-CM cod		nd FBM, 0 day washout	<u></u>	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
2010		,,				
				57,716,153	4,834,624.7	46.87
	October	2.705.076	3.651.413			40.07
	October November	2,705,076 2,665,686	3,651,413 3,597,826			
	November	2,665,686	3,597,826	57,083,139	4,676,871.8	46.70
2011	November December					
2011	November December	2,665,686 2,600,711	3,597,826 3,515,778	57,083,139 58,361,401	4,676,871.8 4,851,164.3	46.70 44.56
2011	November December January	2,665,686 2,600,711 2,550,294	3,597,826 3,515,778 3,468,382	57,083,139 58,361,401 54,708,355	4,676,871.8 4,851,164.3 4,559,066.6	46.70 44.56 46.62
2011	November December January February	2,665,686 2,600,711 2,550,294 2,459,443	3,597,826 3,515,778 3,468,382 3,310,067	57,083,139 58,361,401 54,708,355 54,004,537	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5	46.70 44.56 46.62 45.54
2011	November December January February March	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2	46.70 44.56 46.62 45.54 51.87
2011	November December January February March April	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2	46.70 44.56 46.62 45.54 51.87 47.29
2011	November December January February March April May	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0	46.70 44.56 46.62 45.54 51.87 47.29 47.72
2011	November December January February March April May June	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45
2011	November December January February March April May	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0	46.70 44.56 46.62 45.54 51.87 47.29 47.72
2011	November December January February March April May June	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45
2011	November December January February March April May June July	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73
2011	November December  January February March April May June July August	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52
2011	November December  January February March April May June July August September October	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19
2011	November December  January February March April May June July August September October November	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31
	November December  January February March April May June July August September October November December	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19
2011	November December  January February March April May June July August September October November December	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31
	November December  January February March April May June July August September October November December	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40
	November December  January February March April May June July August September October November December  January February	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40
	November December  January February March April May June July August September October November December  January February March	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4 4,630,251.0 4,343,731.8 4,646,212.7	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40
	November December  January February March April May June July August September October November December  January February March April	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4 4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27
	November December  January February March April May June July August September October November December  January February March April May	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4 4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73
	November December  January February March April May June July August September October November December  January February March April May June	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560 2,604,097	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4 4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73 47.37
	November December  January February March April May June July August September October November December  January February March April May	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184	4,676,871.8 4,851,164.3 4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4 4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73
	November December  January February March April May June July August September October November December  January February March April May June	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560 2,604,097	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740 3,533,659	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184 54,978,230	4,676,871.8 4,851,164.3  4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4  4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6 4,504,350.2	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73 47.37
	November December  January February March April May June July August September October November December  January February March April May June July	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560 2,604,097 2,705,059	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740 3,533,659 3,689,563	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184 54,978,230 58,694,936	4,676,871.8 4,851,164.3  4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4  4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6 4,504,350.2 4,954,101.6	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73 47.37 46.09
	November December  January February March April May June July August September October November December  January February March April May June July August September July August September	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560 2,604,097 2,705,059 2,839,214 2,647,573	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740 3,533,659 3,689,563 3,912,416 3,577,318	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184 54,978,230 58,694,936 59,224,748 58,386,075	4,676,871.8 4,851,164.3  4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4  4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6 4,504,350.2 4,954,101.6 4,948,556.2 4,782,162.8	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73 47.37 46.09 47.94 45.35
	November December  January February March April May June July August September October November December  January February March April May June July August	2,665,686 2,600,711 2,550,294 2,459,443 2,816,938 2,571,681 2,593,344 2,625,045 2,559,024 2,801,418 2,741,095 2,802,529 2,747,915 2,696,232 2,701,455 2,647,054 2,771,056 2,659,687 2,737,560 2,604,097 2,705,059 2,839,214	3,597,826 3,515,778 3,468,382 3,310,067 3,895,193 3,486,019 3,522,497 3,567,313 3,454,376 3,839,961 3,716,858 3,798,047 3,714,852 3,654,802 3,710,512 3,604,135 3,808,829 3,607,790 3,757,740 3,533,659 3,689,563 3,912,416	57,083,139 58,361,401 54,708,355 54,004,537 54,304,661 54,376,438 54,345,382 54,180,080 58,516,097 58,949,591 58,085,767 58,676,595 58,078,196 59,388,173 55,530,223 54,876,327 54,975,889 55,096,138 55,049,184 54,978,230 58,694,936 59,224,748	4,676,871.8 4,851,164.3  4,559,066.6 4,128,109.5 4,589,505.2 4,451,813.2 4,596,809.0 4,437,454.8 4,922,622.7 4,934,256.4 4,756,913.3 4,912,248.5 4,756,987.5 4,936,750.4  4,630,251.0 4,343,731.8 4,646,212.7 4,512,914.6 4,658,029.6 4,504,350.2 4,954,101.6 4,948,556.2	46.70 44.56 46.62 45.54 51.87 47.29 47.72 48.45 43.73 47.52 47.19 47.76 47.31 45.40 48.65 48.24 50.40 48.27 49.73 47.37 46.09 47.94



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligib Members
2013						
	January	2,789,376	3,882,357	56,197,731	4,670,823.4	49.64
	February	2,554,961	3,494,289	55,542,762	4,246,777.7	46.00
	March	2,696,180	3,734,603	56,138,854	4,744,073.1	48.03
	April	2,851,663	3,996,676	56,104,107	4,595,653.8	50.83
	May	2,769,568	3,880,379	56,057,246	4,744,239.6	49.41
	June	2,568,687	3,538,182	55,778,760	4,571,072.3	46.05
	July	2,844,591	3,975,869	59,556,573	5,016,305.0	47.76
	August	2,850,052	3,982,716	59,876,675	5,015,940.4	47.60
	September	2,801,044	3,866,790	59,000,407	4,833,576.6	47.47
	October	3,095,812	4,345,954	59,493,519	4,988,077.6	52.04
	November	2,771,121	3,822,823	58,886,507	4,825,393.1	47.06
	December	2,764,459	3,843,058	60,055,310	4,997,010.4	46.03
2014			, ,	, ,	, ,	
	January	2,720,758	3,820,344	55,701,673	4,645,703.0	48.85
	February	2,545,354	3,525,896	55,017,049	4,207,098.7	46.26
	March	2,736,245	3,845,002	55,271,800	4,673,920.9	49.51
	April	2,786,992	3,921,140	55,288,350	4,527,701.2	50.41
	May	2,676,472	3,771,609	55,167,407	4,668,733.3	48.52
	June	2,637,191	3,690,911	55,203,751	4,521,918.7	47.77
	July	2,885,507	4,085,277	60,017,841	5,048,903.4	48.08
	August	2,751,451	3,877,540	60,258,780	4,995,827.3	45.66
	September	2,892,108	4,077,693	58,851,445	4,821,953.3	49.14
	October	3,068,844	4,358,876	59,811,527	4,994,616.9	51.31
	November	2,661,759	3,691,303	59,123,837	4,845,527.4	45.02
	December					
2015	December	2,869,499	4,059,132	60,149,691	5,009,350.1	47.71
2015	lanuani	2 670 202	2 700 700	EC 110 E2E	4 679 415 0	47.75
	January	2,679,293	3,788,780	56,110,525	4,678,415.9	
	February	2,506,739	3,513,763	55,431,573	4,198,556.6	45.22
	March	2,856,718	4,074,752	55,562,529	4,693,730.3	51.41
	April	2,840,350	4,036,239	55,654,716	4,555,384.6	51.04
	May	2,639,459	3,734,429	55,625,323	4,706,910.3	47.45
	June	2,774,614	3,946,836	55,657,221	4,559,569.0	49.85
	July	2,897,577	4,137,732	60,121,043	5,059,633.5	48.20
	August	2,823,001	3,992,506	60,711,514	5,062,973.3	46.50
	September	2,914,091	4,061,730	59,802,370	4,899,634.6	48.73
	October	1,218	2,326	60,415,951	5,056,566.0	0.02
	November	468	715	59,733,371	4,894,566.1	0.01
	December	268	435	60,716,875	5,061,375.7	0.00
2016						
	January	207	282	56,184,879	4,690,539.7	0.00
	February	176	222	55,510,698	4,396,218.4	0.00
	March	123	126	55,892,627	4,707,486.7	0.00
	April	89	89	40,838,247	3,348,128.0	0.00
	May	89	90	18,931,915	1,605,398.3	0.00
	June	92	94	18,953,391	1,556,068.3	0.00
	July	69	69	6,080,161	514,545.9	0.01
	August	51	51	4,828,490	361,293.6	0.01
10-CM cc		gorithm, 0 day washout			·	
2010		, ,				
	October	3	3	57,716,153	4,834,624.7	0.00
	November	5	5	57,083,139	4,676,871.8	0.00
	December	2	2	58,361,401	4,851,164.3	0.00
2011		=	-	, ,	,,	
	January	3	3	54,708,355	4,559,066.6	0.00
	February	7	7	54,004,537	4,128,109.5	0.00
	March	2	2	54,304,661	4,589,505.2	0.00
	April	4	4	54,376,438	4,451,813.2	0.00
	•					
	May	4	4	54,345,382	4,596,809.0	0.00
	June	9	9	54,180,080	4,437,454.8	0.00
	July	8	8	58,516,097	4,922,622.7	0.00
	August	5	5	58,949,591	4,934,256.4	0.00
	September	13	13	58,085,767	4,756,913.3	0.00
	October	7	7	58,676,595	4,912,248.5	0.00
	November	13	13	58,078,196	4,756,987.5	0.00
	December	9	9	59,388,173	4,936,750.4	0.00



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incider Diagnoses / 1K Eligil Members
2012		. 0	• • • • • • • • • • • • • • • • • • • •	<b>V</b>		
	January	5	5	55,530,223	4,630,251.0	0.00
	February	9	9	54,876,327	4,343,731.8	0.00
	March	15	15	54,975,889	4,646,212.7	0.00
	April	13	13	55,096,138	4,512,914.6	0.00
	May	18	18	55,049,184	4,658,029.6	0.00
	June	10	10	54,978,230	4,504,350.2	0.00
	July	21	21	58,694,936	4,954,101.6	0.00
	August	17	17	59,224,748	4,948,556.2	0.00
	September	10	10	58,386,075	4,782,162.8	0.00
	October	17	17	58,911,806	4,936,312.3	0.00
	November	20	20	58,315,915	4,778,740.5	0.00
	December	14	14			0.00
2013	December	14	14	59,471,414	4,955,666.4	0.00
2013	January	31	31	56,197,731	4,670,823.4	0.00
	•		22			
	February	22		55,542,762	4,246,777.7	0.00
	March	34	34	56,138,854	4,744,073.1	0.00
	April	35	35	56,104,107	4,595,653.8	0.00
	May	25	26	56,057,246	4,744,239.6	0.00
	June	22	22	55,778,760	4,571,072.3	0.00
	July	30	30	59,556,573	5,016,305.0	0.00
	August	23	23	59,876,675	5,015,940.4	0.00
	September	35	35	59,000,407	4,833,576.6	0.00
	October	37	37	59,493,519	4,988,077.6	0.00
	November	50	50	58,886,507	4,825,393.1	0.00
	December	57	58	60,055,310	4,997,010.4	0.00
2014				,,.	, ,-	
	January	63	63	55,701,673	4,645,703.0	0.00
	February	66	68	55,017,049	4,207,098.7	0.00
	March	62	65	55,271,800	4,673,920.9	0.00
	April	62	66	55,288,350	4,527,701.2	0.00
		83				0.00
	May		89	55,167,407	4,668,733.3	
	June	84	87	55,203,751	4,521,918.7	0.00
	July	100	100	60,017,841	5,048,903.4	0.00
	August	122	124	60,258,780	4,995,827.3	0.00
	September	131	139	58,851,445	4,821,953.3	0.00
	October	140	140	59,811,527	4,994,616.9	0.00
	November	132	133	59,123,837	4,845,527.4	0.00
	December	190	193	60,149,691	5,009,350.1	0.00
2015						
	January	347	347	56,110,525	4,678,415.9	0.01
	February	286	289	55,431,573	4,198,556.6	0.01
	March	345	346	55,562,529	4,693,730.3	0.01
	April	453	458	55,654,716	4,555,384.6	0.01
	May	590	591	55,625,323	4,706,910.3	0.01
	June	812	814	55,657,221	4,559,569.0	0.01
	July	1,560	1,566	60,121,043	5,059,633.5	0.03
	August	7,748	11,172	60,711,514	5,062,973.3	0.03
	-					
	September	39,904	55,098	59,802,370	4,899,634.6	0.67
	October	3,056,803	4,352,851	60,415,951	5,056,566.0	50.60
	November	2,867,698	4,034,407	59,733,371	4,894,566.1	48.01
2015	December	2,957,544	4,207,566	60,716,875	5,061,375.7	48.71
2016			0.000.01	F6 10 105		
	January	2,744,677	3,888,914	56,184,879	4,690,539.7	48.85
	February	2,817,468	4,013,504	55,510,698	4,396,218.4	50.76
	March	2,995,614	4,320,030	55,892,627	4,707,486.7	53.60
	April	2,318,131	3,320,849	40,838,247	3,348,128.0	56.76
	May	802,218	1,135,288	18,931,915	1,605,398.3	42.37
	June	808,060	1,140,420	18,953,391	1,556,068.3	42.63
	July	183,533	233,865	6,080,161	514,545.9	30.19
	August	126,742	159,466	4,828,490	361,293.6	26.25
-CM cc	odes from SFM,		,	,,	.,	,
2010		•				
	October	3	3	57,716,153	4,834,624.7	0.00
						0.00
	November	5	5	57,083,139	4,676,871.8	0.00



		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incide Diagnoses / 1K Elig Members
2011		2.480000	. tumber of Diagnoses	g		
	January	3	3	54,708,355	4,559,066.6	0.00
	February	7	7	54,004,537	4,128,109.5	0.00
		2	2			0.00
	March			54,304,661	4,589,505.2	
	April	4	4	54,376,438	4,451,813.2	0.00
	May	4	4	54,345,382	4,596,809.0	0.00
	June	9	9	54,180,080	4,437,454.8	0.00
	July	8	8	58,516,097	4,922,622.7	0.00
	August	5	5	58,949,591	4,934,256.4	0.00
	September	13	13	58,085,767	4,756,913.3	0.00
	October	7	7	58,676,595	4,912,248.5	0.00
	November	13	13	58,078,196	4,756,987.5	0.00
2012	December	9	9	59,388,173	4,936,750.4	0.00
2012	January	5	5	55,530,223	4,630,251.0	0.00
	•					
	February	8	8	54,876,327	4,343,731.8	0.00
	March	14	14	54,975,889	4,646,212.7	0.00
	April	13	13	55,096,138	4,512,914.6	0.00
	May	18	18	55,049,184	4,658,029.6	0.00
	June	10	10	54,978,230	4,504,350.2	0.00
	July	21	21	58,694,936	4,954,101.6	0.00
	August	17	17			0.00
	Ü			59,224,748	4,948,556.2	
	September	8	8	58,386,075	4,782,162.8	0.00
	October	17	17	58,911,806	4,936,312.3	0.00
	November	20	20	58,315,915	4,778,740.5	0.00
	December	14	14	59,471,414	4,955,666.4	0.00
2013						
	January	31	31	56,197,731	4,670,823.4	0.00
	February	22	22	55,542,762	4,246,777.7	0.00
	March	34	34	56,138,854	4,744,073.1	0.00
	April	35	35	56,104,107	4,595,653.8	0.00
		25	26			
	May			56,057,246	4,744,239.6	0.00
	June	22	22	55,778,760	4,571,072.3	0.00
	July	30	30	59,556,573	5,016,305.0	0.00
	August	23	23	59,876,675	5,015,940.4	0.00
	September	35	35	59,000,407	4,833,576.6	0.00
	October	37	37	59,493,519	4,988,077.6	0.00
	November	50	50	58,886,507	4,825,393.1	0.00
	December	57	58	60,055,310	4,997,010.4	0.00
2014	December	37	30	00,033,310	4,337,010.4	0.00
	January	63	63	55,701,673	4,645,703.0	0.00
	February	66	68	55,017,049	4,207,098.7	0.00
	March	60	63	55,271,800	4,673,920.9	0.00
	April	61	65	55,288,350	4,527,701.2	0.00
	May	83	89	55,167,407	4,668,733.3	0.00
	June	84	87	55,203,751	4,521,918.7	0.00
	July	100	100	60,017,841	5,048,903.4	0.00
	August	121	123	60,258,780	4,995,827.3	0.00
	September	130	138	58,851,445	4,821,953.3	0.00
						0.00
	October	140	140	59,811,527	4,994,616.9	
	November	132	133	59,123,837	4,845,527.4	0.00
201-	December	190	193	60,149,691	5,009,350.1	0.00
2015	lanuaru	246	246	E6 110 E35	A 670 A15 O	0.01
	January	346	346	56,110,525	4,678,415.9	0.01
	February	286	289	55,431,573	4,198,556.6	0.01
	March	344	345	55,562,529	4,693,730.3	0.01
	April	453	458	55,654,716	4,555,384.6	0.01
	May	590	591	55,625,323	4,706,910.3	0.01
	June	812	814	55,657,221	4,559,569.0	0.01
	July					0.03
	JUIV	1,558	1,564	60,121,043	5,059,633.5	
				60,711,514	5,062,973.3	0.13
	August	7,739	11,163			
		7,739 39,818	55,001	59,802,370	4,899,634.6	0.67
	August					
	August September	39,818	55,001	59,802,370	4,899,634.6	0.67



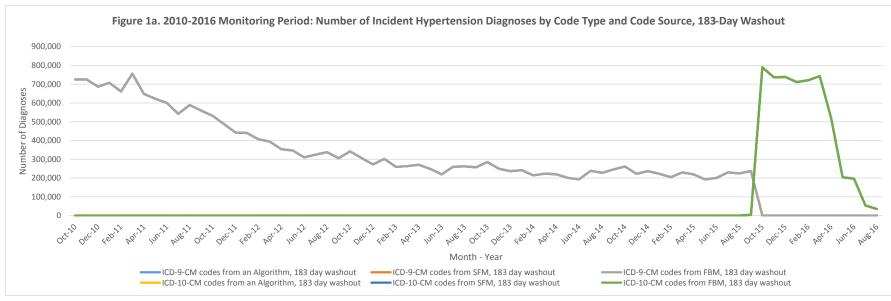
		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
2016		Diagnoses	Number of Diagnoses	Liigible Mellibers	Wielliber- Tears	WEITIDELS
2010	January	2,740,424	3,881,191	56,184,879	4,690,539.7	48.78
	February	2,813,143	4,005,662	55,510,698	4,396,218.4	50.68
	March	2,990,935	4,311,144	55,892,627	4,707,486.7	53.51
	April	2,314,651	3,314,282	40,838,247	3,348,128.0	56.68
	May	800,991	1,133,041	18,931,915	1,605,398.3	42.31
	June	806,856	1,138,239	18,953,391	1,556,068.3	42.57
	July	183,373	233,619	6,080,161	514,545.9	30.16
	August	126,682	159,385	4,828,490	361,293.6	26.24
LO-CM co	des from FBM,	·		.,020,.00		
2010						
	October	3	3	57,716,153	4,834,624.7	0.00
	November	5	5	57,083,139	4,676,871.8	0.00
	December	2	2	58,361,401	4,851,164.3	0.00
2011						
	January	3	3	54,708,355	4,559,066.6	0.00
	February	7	7	54,004,537	4,128,109.5	0.00
	March	2	2	54,304,661	4,589,505.2	0.00
	April	4	4	54,376,438	4,451,813.2	0.00
	May	4	4	54,345,382	4,596,809.0	0.00
	June	9	9	54,180,080	4,437,454.8	0.00
	July	8	8	58,516,097	4,922,622.7	0.00
	August	5	5	58,949,591	4,934,256.4	0.00
	September	13	13	58,085,767	4,756,913.3	0.00
	October	7	7	58,676,595	4,912,248.5	0.00
	November	13	13	58,078,196	4,756,987.5	0.00
		9	9			
2012	December	9	9	59,388,173	4,936,750.4	0.00
2012	January	5	5	55,530,223	4,630,251.0	0.00
	February	9	9	54,876,327	4,343,731.8	0.00
	March	15	15	54,975,889	4,646,212.7	0.00
	April	13	13			0.00
	•	18	18	55,096,138	4,512,914.6	
	May June		10	55,049,184	4,658,029.6	0.00
		10 21	21	54,978,230	4,504,350.2	0.00 0.00
	July			58,694,936	4,954,101.6	
	August	17	17	59,224,748	4,948,556.2	0.00
	September	10	10	58,386,075	4,782,162.8	0.00
	October	17	17	58,911,806	4,936,312.3	0.00
	November	20	20	58,315,915	4,778,740.5	0.00
2012	December	14	14	59,471,414	4,955,666.4	0.00
2013		24	24	FC 407 724	4 670 022 4	0.00
	January	31	31	56,197,731	4,670,823.4	0.00
	February	22	22	55,542,762	4,246,777.7	0.00
	March	34	34	56,138,854	4,744,073.1	0.00
	April	35	35	56,104,107	4,595,653.8	0.00
	May	25	26	56,057,246	4,744,239.6	0.00
	June	22	22	55,778,760	4,571,072.3	0.00
	July	30	30	59,556,573	5,016,305.0	0.00
	August	23	23	59,876,675	5,015,940.4	0.00
	September	35	35	59,000,407	4,833,576.6	0.00
	October	37	37	59,493,519	4,988,077.6	0.00
	November	50	50	58,886,507	4,825,393.1	0.00
	December	57	58	60,055,310	4,997,010.4	0.00
2014						
	January	63	63	55,701,673	4,645,703.0	0.00
	February	66	68	55,017,049	4,207,098.7	0.00
	March	62	65	55,271,800	4,673,920.9	0.00
	April	62	66	55,288,350	4,527,701.2	0.00
	May	83	89	55,167,407	4,668,733.3	0.00
	June	84	87	55,203,751	4,521,918.7	0.00
	July	100	100	60,017,841	5,048,903.4	0.00
	August	122	124	60,258,780	4,995,827.3	0.00
	September	131	139	58,851,445		0.00
	October	140	140		4,821,953.3	
				59,811,527	4,994,616.9	0.00
	November	132	133	59,123,837	4,845,527.4	0.00
	December	190	193	60,149,691	5,009,350.1	0.00

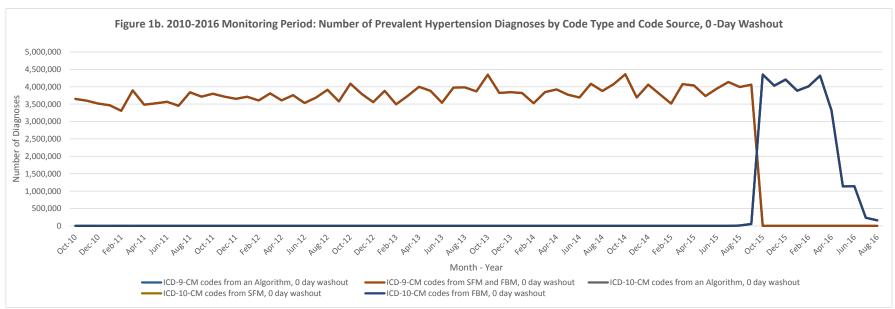


		Number of Incident	Number of Diagrams	Eligible Manabara	Mamban Vasir	Number of Inciden Diagnoses / 1K Eligib
2015		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2015	lanuani	247	247	EC 110 E2E	4 679 415 0	0.01
	January	347	347	56,110,525	4,678,415.9	
	February	286	289	55,431,573	4,198,556.6	0.01
	March	345	346	55,562,529	4,693,730.3	0.01
	April	453	458	55,654,716	4,555,384.6	0.01
	May	590	591	55,625,323	4,706,910.3	0.01
	June	812	814	55,657,221	4,559,569.0	0.01
	July	1,560	1,566	60,121,043	5,059,633.5	0.03
	August	7,748	11,172	60,711,514	5,062,973.3	0.13
	September	39,903	55,097	59,802,370	4,899,634.6	0.67
	October	3,056,810	4,352,871	60,415,951	5,056,566.0	50.60
	November	2,867,701	4,034,413	59,733,371	4,894,566.1	48.01
	December	2,957,545	4,207,566	60,716,875	5,061,375.7	48.71
2016						
	January	2,744,686	3,888,925	56,184,879	4,690,539.7	48.85
	February	2,817,473	4,013,513	55,510,698	4,396,218.4	50.76
	March	2,995,623	4,320,038	55,892,627	4,707,486.7	53.60
	April	2,318,136	3,320,859	40,838,247	3,348,128.0	56.76
	May	802,222	1,135,292	18,931,915	1,605,398.3	42.37
	June	808,062	1,140,423	18,953,391	1,556,068.3	42.63
	July	183,533	233,865	6,080,161	514,545.9	30.19
	August	126,742	159,466	4,828,490	361,293.6	26.25
5						
<u>5</u>						
9-CM cod	des from an Alg	orithm, 90 day washout				
		•	1 200 222	E4 F02 F4F	A 105 621 2	27.42
9-CM cod	January	1,399,223	1,399,223	51,592,545	4,185,631.2	27.12
9-CM cod	January February	1,399,223 1,270,632	1,270,632	50,787,987	3,756,527.5	25.02
<b>9-CM coc</b> 2015	January February March	1,399,223 1,270,632 1,463,731				
9-CM coo 2015	January February March	1,399,223 1,270,632	1,270,632	50,787,987	3,756,527.5	25.02
<b>9-CM coc</b> 2015	January February March des from SFM an	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout	1,270,632 1,463,731	50,787,987 50,948,805	3,756,527.5 4,195,533.7	25.02 28.73
9-CM coo 2015	January February March des from SFM ar	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220	1,270,632 1,463,731 1,399,220	50,787,987 50,948,805 51,592,571	3,756,527.5 4,195,533.7 4,185,633.8	25.02 28.73 27.12
9-CM coo 2015	January February March des from SFM ar January February	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632	1,270,632 1,463,731 1,399,220 1,270,632	50,787,987 50,948,805 51,592,571 50,788,009	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5	25.02 28.73 27.12 25.02
9-CM coo 2015	January February March des from SFM ar	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220	1,270,632 1,463,731 1,399,220	50,787,987 50,948,805 51,592,571	3,756,527.5 4,195,533.7 4,185,633.8	25.02 28.73 27.12
9-CM coo 2015	January February March des from SFM ar January February	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632	1,270,632 1,463,731 1,399,220 1,270,632	50,787,987 50,948,805 51,592,571 50,788,009	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5	25.02 28.73 27.12 25.02
9-CM coo 2015 9-CM coo 2015	January February March des from SFM ar January February March	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5	25.02 28.73 27.12 25.02
9-CM coo 2015 9-CM coo 2015	January February March des from SFM ar January February March	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5	25.02 28.73 27.12 25.02 28.73
9-CM coo 2015 9-CM coo 2015	January February March des from SFM ar January February March	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5	25.02 28.73 27.12 25.02
9-CM coo 2015 9-CM coo 2015	January February March des from SFM and January February March	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9	25.02 28.73 27.12 25.02 28.73
9-CM coo 2015 9-CM coo 2015	January February March des from SFM and January February March  odes from an Ali	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8	25.02 28.73 27.12 25.02 28.73
9-CM coc 2015 9-CM coc 2015	January February March des from SFM an January February March  odes from an Ali January February March	1,399,223 1,270,632 1,463,731 ad FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout 1,401,469 1,426,595 1,513,405	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3	25.02 28.73 27.12 25.02 28.73 27.26 28.13
9-CM coc 2015  9-CM coc 2015  6  10-CM cc 2016	January February March des from SFM an January February March  odes from an Ali January February March	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout 1,401,469 1,426,595	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3	25.02 28.73 27.12 25.02 28.73 27.26 28.13
9-CM coc 2015 9-CM coc 2015	January February March des from SFM an January February March  odes from an Ali January February March March  des from SFM,	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout 1,401,469 1,426,595 1,513,405	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,463,725	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65
9-CM coc 2015  9-CM coc 2015  6  10-CM cc 2016	January February March des from SFM an January February March  January February March  January February March  January	1,399,223 1,270,632 1,463,731 ad FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout 1,401,469 1,426,595 1,513,405 90 day washout 1,400,227	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65
9-CM coc 2015  9-CM coc 2015  6  10-CM cc 2016	January February March des from SFM an January February March  Description of the service of the	1,399,223 1,270,632 1,463,731  nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725  gorithm, 90 day washout 1,401,469 1,426,595 1,513,405  90 day washout 1,400,227 1,425,454	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6 4,176,780.5 3,915,789.3	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65
9-CM coc 2015 9-CM coc 2015 6 2016 	January February March des from SFM and January February March Description of the service of the	1,399,223 1,270,632 1,463,731 nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725 gorithm, 90 day washout 1,401,469 1,426,595 1,513,405 90 day washout 1,400,227 1,425,454 1,512,167	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65
9-CM coc 2015 9-CM coc 2015 6 10-CM cc 2016	January February March des from SFM and January February March Des from an Algorithm SFM, January	1,399,223 1,270,632 1,463,731  nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725  gorithm, 90 day washout 1,401,469 1,426,595 1,513,405  90 day washout 1,400,227 1,425,454	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6 4,176,780.5 3,915,789.3	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65
9-CM coc 2015 9-CM coc 2015 6 2016 	January February March des from SFM and January February March Des from SFM, January February March Des from SFM, January February March Des from SFM, January February March Des from FBM, Des from F	1,399,223 1,270,632 1,463,731  nd FBM, 90 day washout  1,399,220 1,270,632 1,463,725  gorithm, 90 day washout  1,401,469 1,426,595 1,513,405  90 day washout  1,400,227 1,425,454 1,512,167  90 day washout	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405 1,400,227 1,425,454 1,512,167	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803 51,414,702 50,727,678 51,049,435	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6 4,176,780.5 3,915,789.3 4,185,409.6	27.12 25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65 27.23 28.10 29.62
9-CM coc 2015 9-CM coc 2015 6 10-CM cc 2016	January February March des from SFM and January February March Des from an Alignation January February March Des from FBM, January	1,399,223 1,270,632 1,463,731  nd FBM, 90 day washout  1,399,220 1,270,632 1,463,725  gorithm, 90 day washout  1,401,469 1,426,595 1,513,405  90 day washout  1,400,227 1,425,454 1,512,167  90 day washout  1,401,471	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405 1,400,227 1,425,454 1,512,167	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803 51,414,702 50,727,678 51,049,435	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6 4,176,780.5 3,915,789.3 4,185,409.6	25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65 27.23 28.10 29.62
9-CM coc 2015 9-CM coc 2015 6 10-CM cc 2016	January February March des from SFM and January February March Des from SFM, January February March Des from SFM, January February March Des from SFM, January February March Des from FBM, Des from F	1,399,223 1,270,632 1,463,731  nd FBM, 90 day washout 1,399,220 1,270,632 1,463,725  gorithm, 90 day washout 1,401,469 1,426,595 1,513,405 90 day washout 1,400,227 1,425,454 1,512,167 90 day washout	1,270,632 1,463,731 1,399,220 1,270,632 1,463,725 1,401,469 1,426,595 1,513,405 1,400,227 1,425,454 1,512,167	50,787,987 50,948,805 51,592,571 50,788,009 50,948,828 51,408,361 50,721,151 51,042,803 51,414,702 50,727,678 51,049,435	3,756,527.5 4,195,533.7 4,185,633.8 3,756,529.5 4,195,535.9 4,176,157.8 3,915,195.3 4,184,765.6 4,176,780.5 3,915,789.3 4,185,409.6	27.12 25.02 28.73 27.12 25.02 28.73 27.26 28.13 29.65 27.23 28.10 29.62

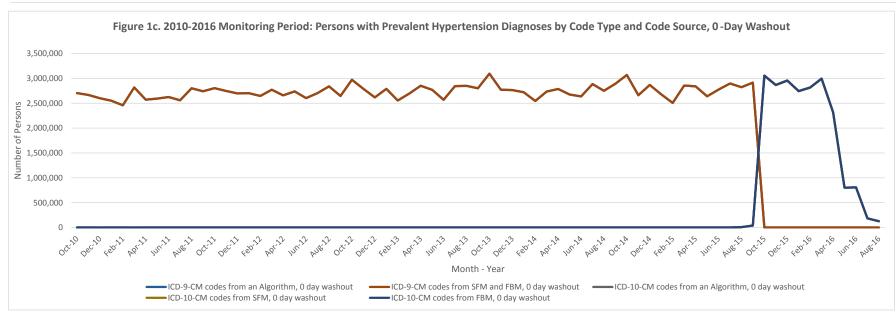


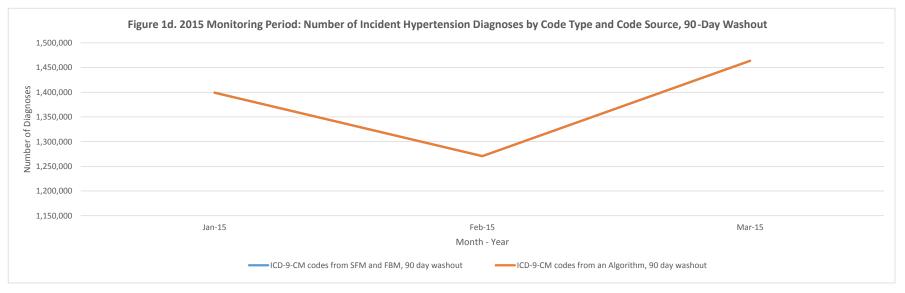
Figures 1a-1e. Number of Hypertension Diagnoses by Monitoring Period, Code Type, Code Source, and Washout Period



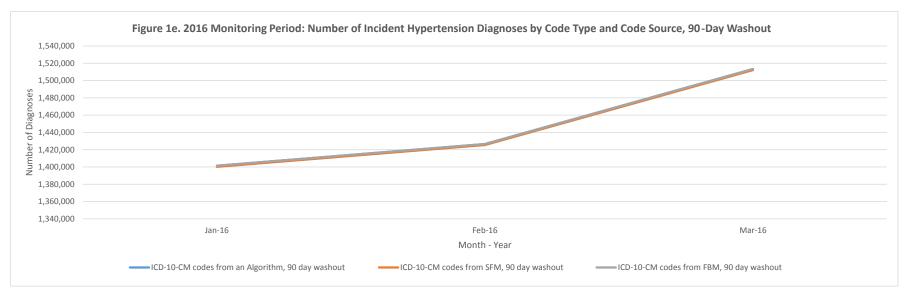






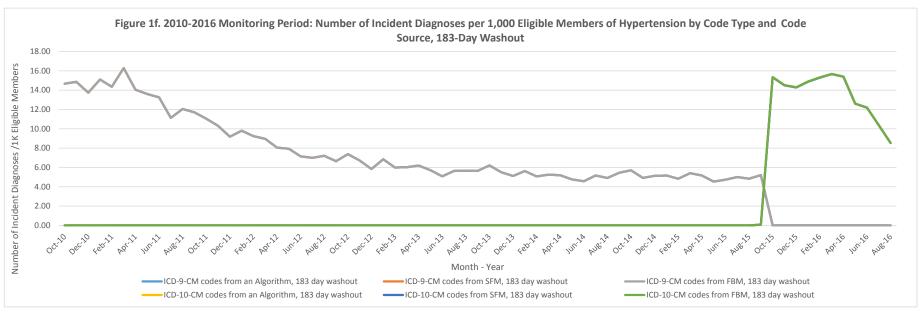


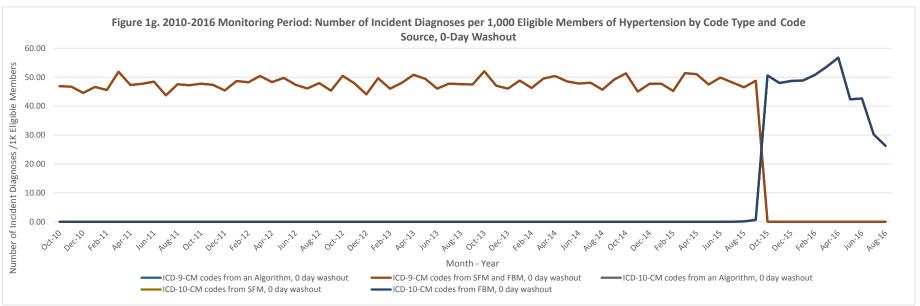




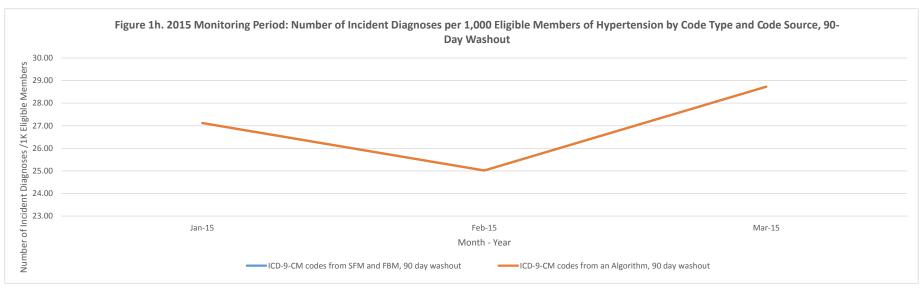


Figures 1f-1j. Number of Incident Hypertension Diagnoses per 1,000 Eligible Members by Monitoring Period, Code Type, Code Source, and Washout Period









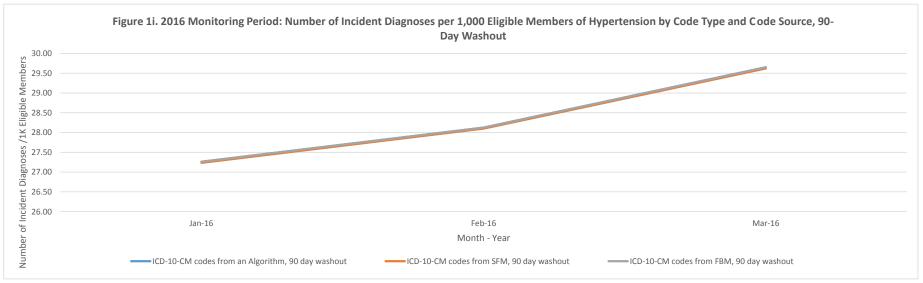




Table 2a. Summary of Incident Diabetes Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period

<u>2010-2016</u>					
	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
ICD-9-CM codes from Algorithm, 183 day washout	7.202.900	7.202.900	128,443,890	292,822,708.2	56.08
ICD-9-CM codes from SFM, 183 day washout	7,202,300	7,202,300	128,443,830	232,822,708.2	30.08
Teb 3 cm codes from 51 m, 103 day washout	7,202,851	7,202,851	128,241,380	292,759,346.9	56.17
ICD-9-CM codes from FBM, 183 day washout					
	7,202,842	7,202,842	128,206,860	292,747,436.1	56.18
ICD-10-CM codes from an Algorithm, 183 day washout					
	1,489,529	1,489,529	128,443,890	298,754,392.0	11.60
ICD-10-CM codes from SFM, 183 day washout					
	1,584,077	1,584,077	128,241,380	298,593,408.5	12.35
ICD-10-CM codes from SFM with cluster logic, 183 day washout					
	1,583,090	1,583,090	128,248,617	298,598,188.4	12.34
ICD-10-CM codes from FBM, 183 day washout					
	1,598,679	1,598,679	128,206,860	298,561,135.7	12.47
ICD-9-CM codes from Algorithm, SFM, and FBM, 0 day washout					
	10,305,551	135,664,816	131,346,603	319,813,419.4	78.46
ICD-10-CM codes from an Algorithm, 0 day washout					
	3,881,208	11,798,574	131,346,603	319,813,419.4	29.55
ICD-10-CM codes from SFM, 0 day washout					
	4,412,589	16,669,324	131,346,603	319,813,419.4	33.59
ICD-10-CM codes from SFM with cluster logic, 0 day washout	4.206.424	46.404.244			
ICD 40 CM - I - f FDM 0 I I	4,396,434	16,481,214	131,346,603	319,813,419.4	33.47
ICD-10-CM codes from FBM, 0 day washout	4.505.244	10 172 222	404.045.500	242.242.442.4	24.00
	4,505,244	18,172,333	131,346,603	319,813,419.4	34.30
2015					
ICD-9-CM codes from Algorithm, SFM, and FBM, 90 day washout		4.546.202	50.005.710	10.005.110.0	27.40
	1,546,292	1,546,292	56,265,712	12,885,112.2	27.48
2016					
<u> </u>					
ICD-10-CM codes from an Algorithm, 90 day washout					
	1,496,853	1,496,853	56,565,054	13,226,494.9	26.46
ICD-10-CM codes from SFM, 90 day washout					
	1,630,389	1,630,389	56,158,454	13,102,104.2	29.03
ICD-10-CM codes from SFM with cluster logic, 90 day washout					
	1,627,135	1,627,135	56,173,536	13,106,440.1	28.97
ICD-10-CM codes from FBM, 90 day washout					
	1,632,430	1,632,430	56,049,983	13,076,449.9	29.12



Table 2b. Summary of Incident Diabetes Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Age Group

2010-2016 Number of Incident Number of Incident Diagnoses / 1K Diagnoses **Number of Diagnoses Eligible Members** Member- Years **Eligible Members** ICD-9-CM codes from Algorithm, 183 day washout 69.157 69,157 29.810.770 64.684.631.9 2.32 18-49 Years 1,968,985 1,968,985 68,493,460 135,379,602.8 28.75 50-64 Years 2,919,629 101.64 2.919.629 28.725.026 61.179.630.7 65+ Years 2,245,129 2.245.129 13,147,920 31,578,842.8 170.76 ICD-9-CM codes from SFM, 183 day washout 69,157 0-17 Years 69,157 29,808,225 64,684,001.3 2.32 18-49 Years 1,968,974 1,968,974 68,462,330 135,366,235.7 28.76 2,919,612 50-64 Years 2.919.612 101.89 28.653.559 61.156.470.7 65+ Years 2,245,108 2,245,108 13,047,471 31,552,639.2 172.07 ICD-9-CM codes from FBM, 183 day washout 0-17 Years 69,157 69,157 29,808,203 64,683,944.1 2.32 18-49 Years 1,968,974 1,968,974 68,459,914 135,364,505.1 28.76 50-64 Years 2.919.608 2,919,608 28.643.629 61.152.814.3 101.93 65+ Years 2,245,103 2.245.103 13,024,836 31,546,172.6 172.37 ICD-10-CM codes from an Algorithm, 183 day washout 7,922 0-17 Years 7,922 29,810,770 64,736,481.1 0.27 18-49 Years 322,731 322,731 68,509,792 136,921,293.4 4.71 50-64 Years 616,256 616,256 29,009,889 63,439,201.6 21.24 542,620 542,620 13,437,552 33,657,415.9 65+ Years 40.38 ICD-10-CM codes from SFM, 183 day washout 7,919 0-17 Years 7,919 29,808,225 64.735.453.4 0.27 357,665 18-49 Years 357,665 68,478,071 136,891,482.2 5.22 658,491 50-64 Years 658,491 28,929,159 63,378,904.4 22.76 65+ Years 560,002 560 002 13.325.790 33.587.568.5 42 02 ICD-10-CM codes from SFM with cluster logic, 183 day washout 0-17 Years 7,906 7,906 29,808,227 64,735,458.5 0.27 18-49 Years 357,102 357.102 68,478,565 136.892.022.6 5.21 50-64 Years 657,938 657,938 28,931,259 63,380,360.6 22.74 65+ Years 560.144 560,144 13,331,101 33,590,346.6 42.02 ICD-10-CM codes from FBM, 183 day washout 8,126 8,126 29,808,203 64,735,366.7 0-17 Years 0.27 362,765 18-49 Years 362,765 68,475,637 136,888,083.8 5.30 50-64 Years 664,556 664,556 28,918,108 63,369,442.7 22.98 563,232 65+ Years 563,232 13.300.492 33.568.242.5 42.35 ICD-9-CM codes from Algorithm, SFM, and FBM, 0 day washout 1,244,612 0-17 Years 112,242 29,854,260 64,911,877.6 3.76 18-49 Years 2 552 660 19.167.655 69 118 516 140 553 482 7 36.93 50-64 Years 4,403,073 46,880,885 30,357,747 71,475,208.9 145.04 68,371,664 65+ Years 3,961,542 14,919,540 42,872,850.2 265.53 ICD-10-CM codes from an Algorithm, 0 day washout 97,879 0-17 Years 29,378 29,854,260 64,911,877.6 0.98 1,647,015 18-49 Years 661.805 69.118.516 140.553.482.7 9 57 50-64 Years 1,518,193 4,158,884 30,357,747 71,475,208.9 50.01 5,894,796 65+ Years 1,699,589 14,919,540 42,872,850.2 113.92 ICD-10-CM codes from SFM, 0 day washout 0-17 Years 34,428 155,778 29,854,260 64,911,877.6 1.15 18-49 Years 773.297 2,361,257 69.118.516 140.553.482.7 11.19 50-64 Years 1,729,151 5.841.003 30,357,747 71,475,208.9 56.96 65+ Years 1,913,671 8,311,286 14,919,540 42.872.850.2 128.27



	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
CD-10-CM codes from SFM with cluster logic, 0 day washout		, in the second	, and the second		, and the second second
0-17 Years	34,410	155,691	29,854,260	64,911,877.6	1.15
18-49 Years	771,315	2,346,694	69,118,516	140,553,482.7	11.16
50-64 Years	1,723,935	5,788,966	30,357,747	71,475,208.9	56.79
65+ Years	1,904,408	8,189,863	14,919,540	42,872,850.2	127.65
CD-10-CM codes from FBM, 0 day washout					
0-17 Years	34,699	156,851	29,854,260	64,911,877.6	1.16
18-49 Years	784,809	2,462,677	69,118,516	140,553,482.7	11.35
50-64 Years	1,759,703	6,247,357	30,357,747	71,475,208.9	57.97
65+ Years	1,966,100	9,305,448	14,919,540	42,872,850.2	131.78
015					
D-9-CM codes from Algorithm, SFM, and FBM, 90 day wash		40.270			
0-17 Years 18-49 Years	10,379 283,733	10,379 283,733	11,490,097 25,612,102	2,677,765.0 5,864,102.4	0.90 11.08
50-64 Years	622,338	622,338	12,558,576	2,809,225.7	49.55
65+ Years	629,842	629,842	7,067,949	1,534,019.1	89.11
<u>016</u>					
CD-10-CM codes from an Algorithm, 90 day washout					
0-17 Years	10,037	10,037	11,303,211	2,683,940.9	0.89
18-49 Years	259,056	259,056	25,608,672	5,976,451.9	10.12
50-64 Years	596,901	596,901	12,787,487	2,926,725.6	46.68
65+ Years	630,859	630,859	7,330,507	1,639,376.5	86.06
D-10-CM codes from SFM, 90 day washout	0.540	0.642	44.005.074	2 502 512 0	0.05
0-17 Years	9,642	9,642	11,296,971	2,682,619.0	0.85
18-49 Years	292,716	292,716	25,545,568	5,954,995.6	11.46
50-64 Years	657,794	657,794	12,644,169	2,880,639.1	52.02
65+ Years	670,237	670,237	7,131,849	1,583,850.5	93.98
D-10-CM codes from SFM with cluster logic, 90 day washou					
0-17 Years	9,634	9,634	11,296,973	2,682,622.2	0.85
18-49 Years	292,135	292,135	25,546,703	5,955,386.9	11.44
50-64 Years	656,573	656,573	12,648,428	2,881,894.6	51.91
65+ Years	668,793	668,793	7,141,666	1,586,536.3	93.65
D-10-CM codes from FBM, 90 day washout					
0-17 Years	9,720	9,720	11,296,894	2,682,581.5	0.86
18-49 Years	295,432	295,432	25,538,665	5,952,862.1	11.57
50-64 Years	660,946	660,946	12,614,846	2,873,184.8	52.39
65+ Years	666,332	666,332	7,058,917	1,567,821.5	94.40



Table 2c. Summary of Incident Diabetes Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Sex

<u>010-2016</u>					
	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incider Diagnoses / 1K Eligible Members
CD-9-CM codes from Algorithm, 183 day washout	0.474.000	2 474 222	CE 000 ===4	450 540 000 5	
Female Male	3,474,233 3,728,269	3,474,233 3,728,269	65,308,771	150,643,229.6	53.20 59.06
Unknown	3,728,209	398	63,128,373 6,746	142,167,132.8 12,345.8	59.00
CD-9-CM codes from SFM, 183 day washout	336	330	0,740	12,343.8	33.00
Female	3,474,211	3,474,211	65,211,792	150,613,622.9	53.28
Male	3,728,242	3,728,242	63,022,845	142,133,378.9	59.16
Unknown	398	398	6,743	12,345.0	59.02
D-9-CM codes from FBM, 183 day washout	336	330	0,743	12,343.0	39.02
Female	3,474,206	3,474,206	65,195,020	150,607,745.6	53.29
Male	3,728,238	3,728,238	63,005,098	142,127,345.6	59.17
				, ,	
Unknown	398	398	6,742	12,344.9	59.03
D-10-CM codes from an Algorithm, 183 day washout  Female	706,697	706,697	65,308,771	153,655,864.4	10.82
		782,772			
Male	782,772		63,128,373	145,085,896.9	12.40
Unknown	60	60	6,746	12,630.7	8.89
D-10-CM codes from SFM, 183 day washout  Female	744 215	744,315	65,211,792	152 502 770 0	11 41
	744,315	839,699	* *	153,582,778.9	11.41
Male	839,699	•	63,022,845	144,998,002.6	13.32
Unknown	. 63	63	6,743	12,627.1	9.34
D-10-CM codes from SFM with cluster logic, 183 day washoo		742.044	CE 24E 422	152 504 000 4	11 11
Female	743,944	743,944	65,215,123	153,584,888.4	11.41
Male	839,083	839,083	63,026,751	145,000,672.9	13.31
Unknown	63	63	6,743	12,627.1	9.34
D-10-CM codes from FBM, 183 day washout	751.542	751 542	CF 10F 020	152 567 250 4	11.52
Female	751,543	751,543	65,195,020	153,567,358.1	11.53
Male	847,074	847,074	63,005,098	144,981,151.1	13.44
Unknown	62	62	6,742	12,626.6	9.20
D-9-CM codes from Algorithm, SFM, and FBM, 0 day washor		CF 000 470	66.700.600	450 704 054 5	
Female	4,984,740	65,899,479	66,720,608	163,721,251.5	74.71
Male	5,320,298	69,755,956	64,619,123	156,078,303.4	82.33
Unknown	513	9,381	6,872	13,864.6	74.65
D-10-CM codes from an Algorithm, 0 day washout					
Female	1,869,333	5,843,351	66,720,608	163,721,251.5	28.02
Male	2,011,698	5,954,694	64,619,123	156,078,303.4	31.13
Unknown	177	529	6,872	13,864.6	25.76
D-10-CM codes from SFM, 0 day washout					
Female	2,108,097	8,099,662	66,720,608	163,721,251.5	31.60
Male	2,304,301	8,568,959	64,619,123	156,078,303.4	35.66
Unknown	191	703	6,872	13,864.6	27.79
0-10-CM codes from SFM with cluster logic, 0 day washout					
Female	2,101,091	8,017,068	66,720,608	163,721,251.5	31.49
Male	2,295,152	8,463,446	64,619,123	156,078,303.4	35.52
Unknown	191	700	6,872	13,864.6	27.79
D-10-CM codes from FBM, 0 day washout					
Female	2,152,041	8,807,682	66,720,608	163,721,251.5	32.25
Male	2,353,008	9,363,895	64,619,123	156,078,303.4	36.41
Unknown	195	756	6,872	13,864.6	28.38



					Number of Incident
	Number of Incident				Diagnoses / 1K
	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Eligible Members
<u>2015</u>					
CD-9-CM codes from Algorithm, SFM, and FBM, 90 day wash	out				
Female	727,051	727,051	28,752,364	6,594,317.2	25.29
Male	819,164	819,164	27,511,095	6,290,286.8	29.78
Unknown	77	77	2,253	508.2	34.18
2016					
CD-10-CM codes from an Algorithm, 90 day washout					
Female	713,528	713,528	28,860,299	6,764,575.0	24.72
Male	783,266	783,266	27,702,419	6,461,429.3	28.27
Unknown	59	59	2,336	490.7	25.26
CD-10-CM codes from SFM, 90 day washout					
Female	769,967	769,967	28,667,870	6,707,209.9	26.86
Male	860,359	860,359	27,488,259	6,394,406.8	31.30
Unknown	63	63	2,325	487.5	27.10
CD-10-CM codes from SFM with cluster logic, 90 day washou	t				
Female	768,605	768,605	28,674,578	6,709,117.6	26.80
Male	858,467	858,467	27,496,633	6,396,834.9	31.22
Unknown	63	63	2,325	487.5	27.10
CD-10-CM codes from FBM, 90 day washout					
Female	770,781	770,781	28,616,512	6,695,088.1	26.93
Male	861,587	861,587	27,431,149	6,380,875.1	31.41
Unknown	62	62	2,322	486.7	26.70



Table 2d. Summary of Incident Diabetes Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Year

	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incide Diagnoses / 1K Eligible Member
9-9-CM codes from Algorithm, 183 day washout			_		_
2010	589,095	589,095	56,674,715	13,453,961.1	10.39
2011	2,098,523	2,098,523	65,861,059	52,159,182.5	31.86
2012	1,414,201	1,414,201	64,766,350	52,115,939.8	21.84
2013	1,173,173	1,173,173	64,849,870	52,282,431.8	18.09
2014	1,103,075	1,103,075	65,718,837	51,720,430.3	16.78
2015	824,779	824,779	65,636,631	51,939,453.6	12.57
2016	54	54	53,975,793	19,151,309.2	0.00
9-9-CM codes from SFM, 183 day washout	500.005	F80 00F	56 674 745	12.152.061.1	10.00
2010	589,095	589,095	56,674,715	13,453,961.1	10.39
2011	2,098,523	2,098,523	65,861,059	52,159,182.0	31.86
2012	1,414,201	1,414,201	64,766,350	52,115,939.7	21.84
2013	1,173,173	1,173,173	64,849,870	52,282,431.6	18.09
2014	1,103,074	1,103,074	65,718,837	51,720,428.2	16.78
2015	824,759	824,759	65,613,064	51,932,628.8	12.57
2016	26	26	53,741,325	19,094,775.4	0.00
-9-CM codes from FBM, 183 day washout			·	·	
2010	589,095	589,095	56,674,715	13,453,961.1	10.39
2011	2,098,523	2,098,523	65,861,059	52,159,182.0	31.86
2012	1,414,201	1,414,201	64,766,350	52,115,939.7	21.84
2013	1,173,172	1,173,172	64,849,870	52,282,431.4	18.09
2014	1,103,073	1,103,073	65,718,837	51,720,428.1	16.78
2015	824,754	824,754	65,608,563	51,931,007.5	12.57
		24			
2016 -10-CM codes from an Algorithm, 183 day washout	24	24	53,699,841	19,084,486.3	0.00
2010	1	1	56,674,715	13,453,961.1	0.00
	5	5			
2011			66,202,703	52,384,824.7	0.00
2012	11	11	66,357,553	52,947,725.7	0.00
2013	19	19	67,037,345	53,475,105.7	0.00
2014	52	52	68,244,953	53,125,195.9	0.00
2015	543,408	543,408	68,414,606	53,509,941.7	7.94
2016	946,033	946,033	56,470,744	19,857,637.1	16.75
10-CM codes from SFM, 183 day washout					
2010	1	1	56,674,715	13,453,961.1	0.00
2011	7	7	66,202,703	52,384,824.3	0.00
2012	11	11	66,357,551	52,947,724.0	0.00
2013	21	21	67,037,343	53,475,103.5	0.00
2014	59	59	68,244,949	53,125,189.4	0.00
2015	629,142	629,142	68,369,513	53,493,587.3	9.20
2016	954,836	954,836	55,957,863	19,713,018.9	17.06
-10-CM codes from SFM with cluster logic, 183 day washout	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,,		
2010	1	1	56,674,715	13,453,961.1	0.00
2011	7	7	66,202,703	52,384,824.3	0.00
2012	11	11	66,357,551	52,947,724.0	0.00
2013	21	21	67,037,343	53,475,103.5	0.00
2013	59	59	68,244,949	53,125,189.4	0.00
2015	626,561	626,561	68,371,438	53,494,163.6	9.16
2016	956,430	956,430	55,975,719	19,717,222.5	17.09
-10-CM codes from FBM, 183 day washout		1	56 674 745	42.452.064.4	2.22
2010	1	1	56,674,715	13,453,961.1	0.00
2011	7	7	66,202,703	52,384,824.3	0.00
2012	11	11	66,357,551	52,947,724.0	0.00
2013	22	22	67,037,343	53,475,103.3	0.00
2014	62	62	68,244,949	53,125,189.2	0.00
2015	648,729	648,729	68,360,169	53,489,757.2	9.49



	Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Number of Incident Diagnoses / 1K Eligible Members
ICD-9-CM codes from Algorithm, SFM, and FBM, 0 day washout					
2010	2,790,139	6,261,232	59,827,304	14,362,660.8	46.64
2011	4,751,079	25,535,544	68,676,077	55,982,537.1	69.18
2012	4,820,774	26,559,508	68,904,822	56,651,029.5	69.96
2013	4,920,922	27,628,561	69,659,404	57,248,942.9	70.64
2014	5,062,706	28,130,672	70,996,865	56,961,254.2	71.31
2015	4,678,219	21,548,510	71,140,657	57,427,315.9	65.76
2016	609	789	59,085,093	21,179,678.9	0.01
ICD-10-CM codes from an Algorithm, 0 day washout		4			
2010	4	4	59,827,304	14,362,660.8	0.00
2011	30	30	68,676,077	55,982,537.1	0.00
2012	70	71	68,904,822	56,651,029.5	0.00
2013	150	150	69,659,404	57,248,942.9	0.00
2014	480	495	70,996,865	56,961,254.2	0.01
2015	2,553,226	4,926,275	71,140,657	57,427,315.9	35.89
2016	2,910,479	6,871,549	59,085,093	21,179,678.9	49.26
ICD-10-CM codes from SFM, 0 day washout 2010	4	4	E0 927 204	14 262 660 9	0.00
		46	59,827,304	14,362,660.8	
2011	46	96	68,676,077	55,982,537.1	0.00
2012	95	208	68,904,822	56,651,029.5	0.00
2013	208		69,659,404	57,248,942.9	0.00
2014	640	671	70,996,865	56,961,254.2	0.01
2015	3,071,716	6,853,649	71,140,657	57,427,315.9	43.18
2016 ICD-10-CM codes from SFM with cluster logic, 0 day washout	3,456,506	9,814,650	59,085,093	21,179,678.9	58.50
2010	4	4	59,827,304	14,362,660.8	0.00
2011	46	46	68,676,077	55,982,537.1	0.00
2012	94	95	68,904,822	56,651,029.5	0.00
2013	208	208	69,659,404	57,248,942.9	0.00
2014	636	667	70,996,865		0.00
2014		6,774,786		56,961,254.2	42.92
2016	3,053,015 3,438,308	9,705,408	71,140,657 59,085,093	57,427,315.9 21,179,678.9	58.19
ICD-10-CM codes from FBM, 0 day washout	3,438,308	9,703,408	59,085,093	21,179,678.9	38.19
2010	4	4	59,827,304	14,362,660.8	0.00
2011	48	48	68,676,077	55,982,537.1	0.00
2012	99	100	68,904,822	56,651,029.5	0.00
2013	223	223	69,659,404	57,248,942.9	0.00
2014	694	727	70,996,865	56,961,254.2	0.01
2015	3,177,017	7,407,482	71,140,657	57,427,315.9	44.66
2016	3,562,490	10,763,749	59,085,093	21,179,678.9	60.29
2010	3,302,430	10,703,743	33,063,033	21,173,076.3	00.23
2015					
ICD-9-CM codes from Algorithm, SFM, and FBM, 90 day washout					
2015	1,546,292	1,546,292	56,265,712	12,885,112.2	27.48
2016					
ICD-10-CM codes from an Algorithm, 90 day washout	1.400.053	1 400 953	FC FCF 054	12 226 404 0	26.46
2016 ICD-10-CM codes from SFM, 90 day washout	1,496,853	1,496,853	56,565,054	13,226,494.9	26.46
2016	1,630,389	1,630,389	56,158,454	13,102,104.2	29.03
ICD-10-CM codes from SFM with cluster logic, 90 day washout	, -,	·			
2016	1,627,135	1,627,135	56,173,536	13,106,440.1	28.97
ICD-10-CM codes from FBM, 90 day washout					
2016	1,632,430	1,632,430	56,049,983	13,076,449.9	29.12



Table 2e. Summary of Incident Diabetes Diagnoses using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) versus International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes for a combination of washouts and code sources: Algorithm, Simple Forward Mapping (SFM), and Forward Backward Mapping (FBM), by Monitoring Period and Year-Month

2010-2016 **Number of Incident Number of Incident** Diagnoses / 1K Eligible Diagnoses **Number of Diagnoses Eligible Members** Member- Years Members ICD-9-CM codes from Algorithm, 183 day washout October 200,887 200,887 54,284,189 4,529,189.7 3.70 November 198,634 198,634 53,659,168 4,380,734.9 3.70 December 189,574 189,574 54,883,968 4,544,036.5 3.45 2011 192,758 192,758 51,450,286 4,270,563.7 3.75 January February 183,552 183,552 3.62 50,753,891 3.866.589.3 March 215,068 215,068 51,049,641 4,297,763.6 4.21 April 188,105 188,105 51,030,493 4,165,902.9 3.69 50,910,649 May 180.875 180,875 4,294,949.2 3.55 4,139,401.9 June 178,241 178,241 50,666,460 3.52 July 165,864 165,864 54,641,326 4,585,733.3 3.04 177,758 177,758 4,589,256.7 3.23 August 54.980.661 September 166,365 166,365 54,070,033 4,418,135.3 3.08 October 161,852 161,852 54,563,369 4.556.058.0 2.97 149,413 53,909,590 2.77 November 149.413 4.406.398.6 138,672 138,672 55,105,344 4,568,429.8 December 2.52 2012 137,516 4,279,938.0 2.67 January 137,516 51,458,841 February 130,638 130,638 50,763,827 4,010,856.0 2.57 March 131,540 131,540 50,819,618 4,286,583.3 2.59 April 120,366 120,366 50,872,824 4,159,874.8 2.37 May 119,574 119,574 50,767,560 4,288,483.3 2.36 110,222 110,222 June 50.641.617 4.142.834.5 2.18 July 115,163 115,163 54.083.149 4,557,493.0 2.13 4,547,644.9 August 120,667 120,667 54,551,346 2.21 September 107,045 107,045 53,696,754 4,391,274.9 1.99 October 118,696 118,696 54,163,242 4,528,982.7 2.19 November 105,974 105,974 53,542,651 1.98 4.381.197.6 December 96,800 96,800 54,610,416 4,540,776.9 1.77 2013 January 106,938 106,938 51,622,607 4,279,622.6 2.07 93,299 93,299 1.83 February 50,948,376 3,890,400.6 March 97,985 97,985 51,473,451 4,343,146.2 1.90 April 104,798 104,798 51,401,697 4,204,244.8 2.04 May 96,774 96,774 51,306,149 4,336,203.8 1.89 86,366 86,366 1.69 June 50.997.536 4.174.214.3 July 100,707 100,707 54.484.326 4.582.271.4 1.85 August 100,461 100,461 54,749,423 4,577,617.4 1.83 September 96,189 96,189 53,874,941 4,407,582.0 1.79 October 107.479 107.479 54,316,650 4,545,074.5 1.98 November 92.891 92,891 53.693.582 4.393.838.9 1.73 December 89,286 89,286 54,785,573 4,548,215.3 1.63 2014 92,383 January 92,383 50,808,271 4,228,127.2 1.82 83,859 83,859 50,121,955 3,828,221.1 February 1.67 March 90,637 90,637 50.344.764 4,251,380.9 1.80 April 90,441 90,441 50,335,703 4,116,596.2 1.80 85,651 85,651 50,186,418 4,241,731.1 1.71 May June 82,576 82,576 50,175,208 4,105,155.7 1.65 98,844 98,844 4,587,370.4 1.81 July 54.613.934 August 93,406 93,406 54,803,566 4,534,255.2 1.70 September 98,758 98,758 53,449,359 4,373,101.1 1.85 October 104,534 104,534 54,333,332 4,527,422.8 1.92 1.64 November 87,870 87.870 53.643.121 4.390.278.2

December

94,116

94,116

54,604,119

4,536,790.5

1.72



		Number of Incident				Number of Incident Diagnoses / 1K Eligib
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2015						
	January	90,126	90,126	50,955,392	4,238,674.2	1.77
	February	83,436	83,436	50,277,131	3,802,998.5	1.66
	March	96,393	96,393	50,401,298	4,251,427.1	1.91
	April	93,877	93,877	50,454,849	4,124,143.6	1.86
	May	83,901	83,901	50,384,949	4,258,016.5	1.67
	June	87,637	87,637	50,386,671	4,122,688.5	1.74
	July	97,762	97,762	54,499,578	4,579,627.8	1.79
	August	94,508	94,508	55,008,746	4,577,936.0	1.72
	September	97,071	97,071	54,111,064	4,427,151.5	1.79
	October	37	37	54,670,338	4,566,682.7	0.00
	November	23	23	54,008,232	4,419,696.3	0.00
	December	8	8	54,955,905	4,570,410.8	0.00
2016	200020.	· ·	· ·	3 1,333,333	1,570,120.0	0.00
	January	8	8	50,850,884	4,234,740.3	0.00
	February	8	8	50,238,716	3,971,575.2	0.00
	March	8	8	50,668,574	4,257,207.5	0.00
	April	7	7	36,672,073	3,000,243.9	0.00
	May	8	8	17,305,250	1,465,275.4	0.00
	June	7	7	17,331,193	1,420,812.4	0.00
	July	6	6	5,568,211	470,594.5	0.00
	August	2	2	4,425,422	330,860.0	0.00
-CM co	des from SFM, 18		Δ	4,423,422	330,800.0	0.00
2010	ues	os day wasnout				
	October	200,887	200,887	54,284,189	4,529,189.7	3.70
	November	198,634	198,634	53,659,168	4,380,734.9	3.70
	December	189,574	189,574	54,883,968	4,544,036.5	3.45
2011		·	·			
	January	192,758	192,758	51,450,286	4,270,563.7	3.75
	February	183,552	183,552	50,753,891	3,866,589.3	3.62
	March	215,068	215,068	51,049,641	4,297,763.6	4.21
	April	188,105	188,105	51,030,493	4,165,902.9	3.69
	May	180,875	180,875	50,910,649	4,294,949.2	3.55
						3.52
	June	178,241	178,241	50,666,460	4,139,401.9	
	July	165,864	165,864	54,641,326	4,585,733.3	3.04
	August	177,758	177,758	54,980,660	4,589,256.6	3.23
	September	166,365	166,365	54,070,032	4,418,135.2	3.08
	October	161,852	161,852	54,563,368	4,556,058.0	2.97
	November	149,413	149,413	53,909,589	4,406,398.6	2.77
	December	138,672	138,672	55,105,343	4,568,429.7	2.52
2012	_					
	January	137,516	137,516	51,458,841	4,279,937.9	2.67
	February	130,638	130,638	50,763,827	4,010,856.0	2.57
	March	131,540	131,540	50,819,618	4,286,583.3	2.59
	April	120,366	120,366	50,872,824	4,159,874.8	2.37
	May	119,574	119,574	50,767,560	4,288,483.3	2.36
	June	110,222	110,222	50,641,617	4,142,834.5	2.18
	July	115,163	115,163	54,083,149	4,557,493.0	2.13
	August	120,667	120,667	54,551,346	4,547,644.9	2.21
	September	107,045	107,045	53,696,754	4,391,274.9	1.99
	October	118,696	118,696	54,163,242	4,528,982.7	2.19
	November	105,974	105,974	53,542,651	4,381,197.6	1.98
	December	96,800	96,800	54,610,416	4,540,776.9	1.77
2013	December	30,000	30,000	31,010,110	1,510,770.5	1.,,
2010	January	106,938	106,938	51,622,607	4,279,622.6	2.07
	February	93,299	93,299	50,948,376	3,890,400.6	1.83
	March	97,985	97,985	51,473,451	4,343,146.2	1.90
	April	104,798	104,798	51,473,431	4,204,244.8	2.04
	-	96,774	96,774	51,401,697	4,336,203.8	2.04 1.89
	May					
	June	86,366	86,366	50,997,536	4,174,214.3	1.69
	July	100,707	100,707	54,484,326	4,582,271.4	1.85
	August	100,461	100,461	54,749,423	4,577,617.4	1.83
	September	96,189	96,189	53,874,941	4,407,582.0	1.79
		107,479	107,479	54,316,650	4,545,074.5	1.98
	October					
	October November	92,891	92,891	53,693,581	4,393,838.8	1.73 1.63



		Number of Incident				Diagnoses / 1K Eligil
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2014						
	January	92,383	92,383	50,808,268	4,228,127.0	1.82
	February	83,859	83,859	50,121,951	3,828,220.7	1.67
	March	90,637	90,637	50,344,759	4,251,380.5	1.80
	April	90,441	90,441	50,335,699	4,116,595.8	1.80
	May	85,651	85,651	50,186,415	4,241,730.9	1.71
	=					
	June	82,576	82,576	50,175,206	4,105,155.4	1.65
	July	98,844	98,844	54,613,931	4,587,370.2	1.81
	August	93,405	93,405	54,803,566	4,534,255.2	1.70
	September	98,758	98,758	53,449,359	4,373,101.1	1.85
	October	104,534	104,534	54,333,332	4,527,422.8	1.92
	November	87,870	87,870	53,643,121	4,390,278.2	1.64
	December	94,116	94,116	54,604,119	4,536,790.5	1.72
2015	December	94,110	94,110	34,004,119	4,330,730.3	1.72
	January	90,126	90,126	50,955,391	4,238,674.0	1.77
	February	83,436	83,436	50,277,129	3,802,998.3	1.66
	March	96,393	96,393	50,401,296	4,251,426.9	1.91
	April	93,877	93,877	50,454,845	4,124,143.2	1.86
	May	83,899	83,899	50,384,943	4,258,016.1	1.67
	June	87,637	87,637	50,386,667	4,122,688.0	1.74
	July	97,762	97,762	54,499,572	4,579,627.1	1.79
	August	94,507	94,507	55,008,734	4,577,934.8	1.72
	September	97,060	97,060	54,111,048	4,427,149.1	1.79
	October	36	36	54,667,879	4,565,982.3	0.00
	November	20	20	53,985,555	4,417,542.3	0.00
2016	December	6	6	54,905,938	4,566,446.7	0.00
2016		-	-	50 767 402	4 220 720 5	0.00
	January	7	7	50,767,102	4,228,739.5	0.00
	February	5	5	50,108,669	3,962,797.2	0.00
	March	4	4	50,460,093	4,243,069.2	0.00
	April	2	2	36,487,343	2,985,975.4	0.00
	May	2	2	17,240,289	1,460,006.1	0.00
	June	4	4	17,263,623	1,415,505.7	0.00
	July	1	1	5,547,271	468,853.5	0.00
	August	1	1	4,408,489	329,828.8	0.00
	riagast			1,100,103	323,020.0	0.00
CM coc	des from FBM, 18	33 day washout				
<b>CM coc</b> 2010	des from FBM, 18	33 day washout				
	des from FBM, 18 October	200,887	200,887	54,284,189	4,529,189.7	3.70
		•	200,887 198,634		4,529,189.7 4,380,734.9	3.70 3.70
	October November	200,887 198,634	198,634	53,659,168	4,380,734.9	3.70
	October	200,887	•			
2010	October November	200,887 198,634	198,634	53,659,168	4,380,734.9	3.70
2010	October November December	200,887 198,634 189,574 192,758	198,634 189,574 192,758	53,659,168 54,883,968 51,450,286	4,380,734.9 4,544,036.5 4,270,563.7	3.70 3.45 3.75
2010	October November December January February	200,887 198,634 189,574 192,758 183,552	198,634 189,574 192,758 183,552	53,659,168 54,883,968 51,450,286 50,753,891	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3	3.70 3.45 3.75 3.62
2010	October November December January February March	200,887 198,634 189,574 192,758 183,552 215,068	198,634 189,574 192,758 183,552 215,068	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6	3.70 3.45 3.75 3.62 4.21
2010	October November December January February March April	200,887 198,634 189,574 192,758 183,552 215,068 188,105	198,634 189,574 192,758 183,552 215,068 188,105	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9	3.70 3.45 3.75 3.62 4.21 3.69
2010	October November December January February March April May	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875	198,634 189,574 192,758 183,552 215,068 188,105 180,875	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2	3.70 3.45 3.75 3.62 4.21 3.69 3.55
2010	October November December January February March April May June	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52
2010	October November December January February March April May	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875	198,634 189,574 192,758 183,552 215,068 188,105 180,875	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2	3.70 3.45 3.75 3.62 4.21 3.69 3.55
2010	October November December January February March April May June	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52
2010	October November December January February March April May June July August	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23
2010	October November December  January February March April May June July August September	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08
2010	October November December  January February March April May June July August September October	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97
2010	October November December  January February March April May June July August September October November	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77
2010	October November December  January February March April May June July August September October	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97
2010	October November December  January February March April May June July August September October November December	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52
2010	October November December  January February March April May June July August September October November December  January	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52
2010	October November December  January February March April May June July August September October November December  January February	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52
2010	October November December  January February March April May June July August September October November December  January	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52
2010	October November December  January February March April May June July August September October November December  January February	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0	3.70 3.45 3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52
2010	October November December  January February March April May June July August September October November December  January February March April	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37
2010	October November December  January February March April May June July August September October November December  January February March April May	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36
2010	October November December  January February March April May June July August September October November December  January February March April May June June June July August September October November December	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18
2010	October November December  January February March April May June July August September October November December  January February March April May June July August June July	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617 54,083,149	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5 4,557,493.0	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18 2.13
2010	October November December  January February March April May June July August September October November December  January February March April May June July August	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617 54,083,149 54,551,346	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5 4,557,493.0 4,547,644.9	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18 2.13 2.21
2010	October November December  January February March April May June July August September October November December  January February March April May June July August June July	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617 54,083,149	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5 4,557,493.0	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18 2.13 2.21 1.99
2010	October November December  January February March April May June July August September October November December  January February March April May June July August	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617 54,083,149 54,551,346	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5 4,557,493.0 4,547,644.9	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18 2.13 2.21
2010	October November December  January February March April May June July August September October November December  January February March April May June July August September	200,887 198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667 107,045	198,634 189,574 192,758 183,552 215,068 188,105 180,875 178,241 165,864 177,758 166,365 161,852 149,413 138,672 137,516 130,638 131,540 120,366 119,574 110,222 115,163 120,667 107,045	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,030,493 50,910,649 50,666,460 54,641,326 54,980,660 54,070,032 54,563,368 53,909,589 55,105,343 51,458,841 50,763,827 50,819,618 50,872,824 50,767,560 50,641,617 54,083,149 54,551,346 53,696,754	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,165,902.9 4,294,949.2 4,139,401.9 4,585,733.3 4,589,256.6 4,418,135.2 4,556,058.0 4,406,398.6 4,568,429.7 4,279,937.9 4,010,856.0 4,286,583.3 4,159,874.8 4,288,483.3 4,142,834.5 4,557,493.0 4,547,644.9 4,391,274.9	3.70 3.45  3.75 3.62 4.21 3.69 3.55 3.52 3.04 3.23 3.08 2.97 2.77 2.52  2.67 2.57 2.59 2.37 2.36 2.18 2.13 2.21 1.99



		Number of Incident				Diagnoses / 1K Eligik
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2013						
	January	106,938	106,938	51,622,607	4,279,622.6	2.07
	February	93,299	93,299	50,948,376	3,890,400.6	1.83
	March	97,985	97,985	51,473,451	4,343,146.2	1.90
	April	104,798	104,798	51,401,697	4,204,244.8	2.04
	May	96,774	96,774	51,306,149	4,336,203.8	1.89
	June	86,366	86,366	50,997,536		1.69
		•			4,174,214.3	
	July	100,707	100,707	54,484,326	4,582,271.4	1.85
	August	100,461	100,461	54,749,423	4,577,617.4	1.83
	September	96,189	96,189	53,874,941	4,407,582.0	1.79
	October	107,479	107,479	54,316,650	4,545,074.5	1.98
	November	92,891	92,891	53,693,580	4,393,838.8	1.73
	December	89,285	89,285	54,785,571	4,548,215.1	1.63
2014	200020.	03)203	03,203	5 1,7 65,57 1	.,5 .5,215.1	2.00
	January	92,383	92,383	50,808,268	4,228,127.0	1.82
	February	83,859	83,859	50,121,951	3,828,220.7	1.67
	March	90,637	90,637	50,344,759	4,251,380.5	1.80
	April	90,441	90,441	50,335,699	4,116,595.8	1.80
	May	85,651	85,651	50,186,415	4,241,730.9	1.71
	•	· ·	·			
	June	82,576	82,576	50,175,206	4,105,155.4	1.65
	July	98,844	98,844	54,613,931	4,587,370.2	1.81
	August	93,405	93,405	54,803,565	4,534,255.1	1.70
	September	98,757	98,757	53,449,358	4,373,101.0	1.85
	October	104,534	104,534	54,333,332	4,527,422.8	1.92
	November	87,870	87,870	53,643,121	4,390,278.2	1.64
	December	94,116	94,116	54,604,119	4,536,790.5	1.72
2015	December	34,110	34,110	34,004,113	4,330,730.3	1.72
2013	January	90,126	90,126	50,955,391	4,238,674.0	1.77
	February	83,436	83,436	50,277,129	3,802,998.3	1.66
	=	96,393	96,393			
	March		·	50,401,295	4,251,426.9	1.91
	April	93,877	93,877	50,454,844	4,124,143.1	1.86
	May	83,899	83,899	50,384,941	4,258,015.9	1.67
	June	87,637	87,637	50,386,665	4,122,687.8	1.74
	July	97,762	97,762	54,499,568	4,579,626.7	1.79
	August	94,506	94,506	55,008,730	4,577,934.4	1.72
	September	97,058	97,058	54,111,042	4,427,148.1	1.79
	-					
	October	35	35	54,667,354	4,565,801.3	0.00
	November	19	19	53,980,131	4,417,019.0	0.00
	December	6	6	54,894,856	4,565,532.0	0.00
2016		7	7	F0 740 024	4 227 462 0	0.00
	January	7	7	50,749,924	4,227,463.8	0.00
	February	5	5	50,084,235	3,961,090.5	0.00
	March	4	4	50,425,145	4,240,592.9	0.00
	April	1	1	36,454,461	2,983,495.5	0.00
	May	2	2	17,229,304	1,459,125.3	0.00
	June	4	4	17,252,208	1,414,616.8	0.00
	July	1	1	5,542,817	468,513.8	0.00
	August	0	0	4,404,751	329,587.7	0.00
	odes from an Alg	gorithm, 183 day washou	ıt			
2010	0-4-1	0	0	E 4 20 4 40 0	4 520 400 7	0.00
	October	0	0	54,284,189	4,529,189.7	0.00
	November	0	0	53,659,168	4,380,734.9	0.00
	December	1	1	54,883,968	4,544,036.5	0.00
2011		_	_			
	January	0	0	51,450,286	4,270,563.7	0.00
	February	0	0	50,753,891	3,866,589.3	0.00
	March	0	0	51,049,641	4,297,763.6	0.00
	April	1	1	51,099,748	4,168,379.5	0.00
	May	0	0	51,052,795	4,303,623.3	0.00
	-					
	June	2	2	50,879,223	4,153,219.3	0.00
	July	0	0	54,923,108	4,604,849.0	0.00
	August	2	2	55,338,495	4,614,169.9	0.00
	September	0	0	54,510,039	4,448,412.8	0.00
	October	0	0	55,082,696	4,593,334.2	0.00
	November	0	0	54,491,495	4,447,758.1	0.00
	December	0	0	55,760,260	4,616,162.1	0.00



		Number of Incident				Diagnoses / 1K Eli
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2012	In a common	0	0	F2 420 C22	4 220 547 2	0.00
	January 	0	0	52,129,622	4,329,517.3	0.00
	February	2	2	51,484,510	4,061,215.7	0.00
	March	0	0	51,590,369	4,343,608.6	0.00
	April	1	1	51,695,082	4,219,278.4	0.00
	May	2	2	51,637,279	4,353,916.2	0.00
	June	0	0	51,551,455	4,209,710.4	0.00
	July	0	0	55,024,254	4,629,106.4	0.00
	August	3	3	55,552,769	4,623,328.7	0.00
	September	0	0	54,750,675	4,468,660.6	0.00
	October	2	2	55,266,444	4,612,428.8	0.00
	November	1	1	54,679,880	4,465,647.1	0.00
	December	0	0	55,795,459	4,631,307.4	0.00
2013	December	U	U	33,733,433	4,031,307.4	0.00
2013	January	2	2	52,779,909	4,367,941.5	0.00
	February	1	1	52,122,018	3,972,358.5	0.00
	March	3	3	52,691,268	4,436,076.6	0.00
		3	3			
	April			52,646,715	4,296,812.8	0.00
	May	1	1	52,572,077	4,433,875.8	0.00
	June	1	1	52,283,203	4,270,927.6	0.00
	July	0	0	55,788,508	4,683,263.8	0.00
	August	0	0	56,094,174	4,681,364.6	0.00
	September	1	1	55,256,895	4,511,155.6	0.00
	October	1	1	55,747,748	4,654,978.7	0.00
	November	4	4	55,144,933	4,502,832.5	0.00
	December	2	2	56,270,988	4,663,517.7	0.00
2014				55,215,555	.,,.	
	January	3	3	52,221,996	4,337,609.2	0.00
	February	3	3	51,546,500	3,928,848.4	0.00
	March	2	2	51,800,256	4,364,181.2	0.00
	April	4	4	51,811,792	4,227,480.8	0.00
	May	10	10	51,689,064	4,358,412.2	0.00
	June	0	0	51,687,546	4,220,076.0	0.00
	July	3	3	56,142,088	4,706,859.7	0.00
	August	4	4	56,360,954	4,654,626.3	0.00
	September	6	6	55,028,738	4,492,399.3	0.00
	October	7	7	55,955,407	4,653,216.3	0.00
	November	1	1	55,281,186	4,514,199.4	0.00
	December	9	9	56,280,754	4,667,287.1	0.00
2015	lanuary	10	10	E2 E62 26E	A 262 771 0	0.00
	January			52,562,365	4,363,771.8	
	February	6	6	51,893,798	3,915,630.0	0.00
	March	6	6	52,016,787	4,377,547.5	0.00
	April	11	11	52,091,747	4,247,782.7	0.00
	May	15	15	52,037,674	4,387,457.5	0.00
	June	19	19	52,042,673	4,249,016.9	0.00
	July	50	50	56,174,641	4,711,046.0	0.00
	August	143	143	56,710,972	4,711,454.6	0.00
	September	1,012	1,012	55,848,609	4,558,827.6	0.02
	October	183,877	183,877	56,458,283	4,706,529.6	3.26
	November	174,812	174,812	55,849,202 56,882,227	4,560,008.7	3.13
2016	December	183,447	183,447	30,882,227	4,720,868.8	3.23
_010	January	178,634	178,634	52,746,791	4,382,073.1	3.39
	February	196,790	196,790	52,224,382	4,116,263.3	3.77
	March	224,383	224,383	52,789,250	4,419,568.2	4.25
	April	174,441	174,441	38,289,843	3,127,099.4	4.56
	May	69,660	69,660	17,949,661	1,517,459.5	3.88
	June	67,803	67,803	17,946,597	1,469,244.5	3.78
	July	20,193	20,193	5,751,483	485,184.0	3.51
	· · · · ·	,	/	-,,	100)10 110	



**Number of Incident** Diagnoses / 1K Eligible Members Diagnoses **Number of Diagnoses Eligible Members** Member- Years ICD-10-CM codes from SFM, 183 day washout 2010 0 0 0.00 October 54,284,189 4,529,189.7 0 0 0.00 November 4,380,734.9 53.659.168 December 1 1 54,883,968 4,544,036.5 0.00 2011 January 0 0 51,450,286 4,270,563.7 0.00 0 0 0.00 February 50,753,891 3,866,589.3 March 0 0 51,049,641 4,297,763.6 0.00 April 1 1 51,099,748 4,168,379.5 0.00 May 0 0 51,052,795 4,303,623.3 0.00 June 2 2 50,879,223 4,153,219.3 0.00 July 4,604,849.0 0.00 1 1 54,923,108 2 2 55,338,494 4,614,169.8 0.00 August September 1 1 54,510,038 4,448,412.7 0.00 October 0 0 55,082,695 4,593,334.1 0.00 0 0 November 54,491,494 4,447,758.0 0.00 December 0 0 55,760,259 4,616,162.0 0.00 2012 January 0 0 52,129,621 4,329,517.2 0.00 February 2 2 51,484,509 4,061,215.7 0.00 0 0 4,343,608.5 0.00 March 51,590,368 April 1 1 51,695,080 4,219,278.3 0.00 May 2 2 51,637,277 4,353,916.0 0.00 0 0 0.00 June 51,551,453 4,209,710.3 0 0 55,024,252 0.00 July 4,629,106.3 August 3 3 55,552,767 4,623,328.5 0.00 September 0 0 54,750,673 4,468,660.4 0.00 October 2 2 55,266,442 4,612,428.6 0.00 November 1 1 54,679,878 4,465,647.0 0.00 December 0 0 55,795,457 4,631,307.2 0.00 2013 2 January 2 52,779,907 4,367,941.3 0.00 February 1 1 52,122,016 3,972,358.4 0.00 3 3 0.00 March 52,691,266 4,436,076.4 April 3 3 52,646,713 4,296,812.6 0.00 May 1 1 52,572,075 4,433,875.6 0.00 June 1 1 52,283,201 4,270,927.4 0.00 0 0 0.00 July 55,788,506 4,683,263.6 0 0 56,094,172 4,681,364.4 0.00 August September 1 1 55,256,893 4,511,155.4 0.00 October 2 2 55,747,746 4,654,978.6 0.00 4 4 0.00 November 55,144,930 4.502.832.3 December 3 3 56,270,985 4,663,517.4 0.00 2014 January 4 4 52,221,991 4,337,608.8 0.00 February 5 5 51,546,494 3.928.847.8 0.00 2 2 0.00 March 51,800,249 4,364,180.6 April 4 4 51,811,786 4,227,480.3 0.00 May 10 10 51,689,058 4,358,411.7 0.00 June 0 0 51,687,539 4,220,075.5 0.00 3 3 July 56,142,081 4,706,859.1 0.00 August 5 5 56,360,947 4,654,625.7 0.00 7 7 4,492,398.7 0.00 September 55,028,731 October 8 8 55,955,400 4,653,215.7 0.00 November 1 1 55,281,179 4,514,198.9 0.00 10 10 0.00 December 56,280,747 4,667,286.5



		Number of Incident				Number of Inciden Diagnoses / 1K Eligib
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2015						
	January	11	11	52,562,359	4,363,771.3	0.00
	February	8	8	51,893,792	3,915,629.5	0.00
	March	8	8	52,016,781	4,377,547.0	0.00
	April	14	14	52,091,738	4,247,781.9	0.00
	May	17	17	52,037,662	4,387,456.6	0.00
	June	23	23	52,042,663	4,249,015.8	0.00
	July	60	60	56,174,626	4,711,044.6	0.00
	•	160	160	56,710,949		0.00
	August				4,711,452.3	
	September	1,277	1,277	55,848,576	4,558,823.6	0.02
	October	218,176	218,176	56,451,447	4,704,905.1	3.86
	November	202,086	202,086	55,792,987	4,554,873.4	3.62
	December	207,302	207,302	56,761,455	4,711,286.1	3.65
2016						
	January	198,218	198,218	52,545,435	4,367,391.1	3.77
	February	207,939	207,939	51,915,026	4,095,032.1	4.01
	March	223,385	223,385	52,309,032	4,386,273.6	4.27
	April	162,864	162,864	37,870,499	3,094,148.3	4.30
	May	66,054	66,054	17,765,362	1,502,294.7	3.72
	June	63,652	63,652	17,757,583	1,454,187.5	3.58
						3.43
	July	19,417	19,417	5,665,184	477,885.2	
	August	13,307	13,307	4,495,774	335,806.5	2.96
2010	odes from SFIVI W	vith cluster logic, 183 da	ay wasnout			
2010	October	0	0	54,284,189	4,529,189.7	0.00
	November		0	53,659,168		0.00
		0			4,380,734.9	
	December	1	1	54,883,968	4,544,036.5	0.00
2011		_	_			
	January	0	0	51,450,286	4,270,563.7	0.00
	February	0	0	50,753,891	3,866,589.3	0.00
	March	0	0	51,049,641	4,297,763.6	0.00
	April	1	1	51,099,748	4,168,379.5	0.00
	May	0	0	51,052,795	4,303,623.3	0.00
	June	2	2	50,879,223	4,153,219.3	0.00
	July	1	1	54,923,108	4,604,849.0	0.00
	August	2	2	55,338,494	4,614,169.8	0.00
	September	1	1	54,510,038	4,448,412.7	0.00
	October	0	0	55,082,695	4,593,334.1	0.00
	November	0	0	54,491,494	4,447,758.0	0.00
	December	0	0	55,760,259	4,616,162.0	0.00
2012				, ,		
	January	0	0	52,129,621	4,329,517.2	0.00
	February	2	2	51,484,509	4,061,215.7	0.00
	March	0	0	51,590,368	4,343,608.5	0.00
	April	1	1	51,695,080	4,219,278.3	0.00
	May	2	2	51,637,277	4,353,916.0	0.00
	June	0	0	51,551,453	4,209,710.3	0.00
	July	0	0	55,024,252	4,629,106.3	0.00
	August	3	3	55,552,767	4,623,328.5	0.00
	September	0	0	54,750,673	4,468,660.4	0.00
	October	2	2	55,266,442	4,612,428.6	0.00
	November	1	1	54,679,878	4,465,647.0	0.00
2042	December	0	0	55,795,457	4,631,307.2	0.00
2013			_			
	January	2	2	52,779,907	4,367,941.3	0.00
	February	1	1	52,122,016	3,972,358.4	0.00
	March	3	3	52,691,266	4,436,076.4	0.00
	April	3	3	52,646,713	4,296,812.6	0.00
	May	1	1	52,572,075	4,433,875.6	0.00
	June	1	1	52,283,201	4,270,927.4	0.00
		0	0	55,788,506	4,683,263.6	0.00
	July	^	^		1 601 361 1	0.00
	August	0	0	56,094,172	4,681,364.4	
		1	1	55,094,172 55,256,893	4,511,155.4	0.00
	August					
	August September	1	1	55,256,893	4,511,155.4	0.00



		Number of Incident				Diagnoses / 1K Eligible
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2014		Diagnoses	Number of Diagnoses	Liigible Wellibers	Welliber- rears	Wellibers
2014	January	4	4	52,221,991	4,337,608.8	0.00
	February	5	5	51,546,494	3,928,847.8	0.00
	· · · · · · · · · · · · · · · · · · ·					
	March	2	2	51,800,249	4,364,180.6	0.00
	April	4	4	51,811,786	4,227,480.3	0.00
	May	10	10	51,689,058	4,358,411.7	0.00
	June	0	0	51,687,539	4,220,075.5	0.00
	July	3	3	56,142,081	4,706,859.1	0.00
	August	5	5	56,360,947	4,654,625.7	0.00
	September	7	7	55,028,731	4,492,398.7	0.00
	October	8	8	55,955,400	4,653,215.7	0.00
	November	1	1	55,281,179	4,514,198.9	0.00
	December	10	10	56,280,747	4,667,286.5	0.00
2015	_					
	January	11	11	52,562,359	4,363,771.3	0.00
	February	8	8	51,893,792	3,915,629.5	0.00
	March	8	8	52,016,781	4,377,547.0	0.00
	April	14	14	52,091,738	4,247,781.9	0.00
	May	17	17	52,037,662	4,387,456.6	0.00
	June	23	23	52,042,663	4,249,015.8	0.00
	July	59	59	56,174,626	4,711,044.6	0.00
	August	160	160	56,710,949	4,711,452.3	0.00
	September	1,261	1,261	55,848,576	4,558,823.6	0.02
	October	217,018	217,018	56,451,759	4,704,964.2	3.84
	November	201,262	201,262	55,795,074	4,555,054.1	3.61
	December	206,720	206,720	56,765,904	4,711,622.6	3.64
2016	December	200,720	200,720	30,703,301	4,711,022.0	3.01
2010	la	107.010	107.010	F2 FF2 744	4 267 000 0	2 77
	January	197,918	197,918	52,552,711	4,367,899.8	3.77
	February	207,927	207,927	51,925,666	4,095,749.8	4.00
	March	224,009	224,009	52,324,456	4,387,339.0	4.28
	April	163,667	163,667	37,884,345	3,095,194.9	4.32
	May	66,244	66,244	17,769,647	1,502,638.4	3.73
	June	63,866	63,866	17,761,957	1,454,527.2	3.60
	July	19,458	19,458	5,666,397	477,984.1	3.43
	August	13,341	13,341	4,496,782	335,889.3	2.97
CM		183 day washout	13,341	1,130,702	333,003.3	2.57
	oues monn i bivi,					
		•				
2010	October	•	0	54 284 189	A 529 189 7	0.00
	October	0	0	54,284,189	4,529,189.7	0.00
	November	0	0	53,659,168	4,380,734.9	0.00
2010		0				
	November	0 0 1	0 1	53,659,168	4,380,734.9 4,544,036.5	0.00 0.00
2010	November	0	0	53,659,168	4,380,734.9	0.00
2010	November December January	0 0 1	0 1	53,659,168 54,883,968 51,450,286	4,380,734.9 4,544,036.5 4,270,563.7	0.00 0.00
2010	November December January February	0 0 1 0 0	0 1 0 0	53,659,168 54,883,968 51,450,286 50,753,891	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3	0.00 0.00 0.00 0.00
2010	November December January February March	0 0 1 0 0	0 1 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6	0.00 0.00 0.00 0.00 0.00
2010	November December January February March April	0 0 1 0 0 0	0 1 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5	0.00 0.00 0.00 0.00 0.00 0.00
2010	November December January February March April May	0 0 1 0 0 0 0	0 1 0 0 0 1	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December January February March April May June	0 0 1 0 0 0 0 1 0 2	0 1 0 0 0 1 0 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December January February March April May	0 0 1 0 0 0 1 0 2	0 1 0 0 0 1 0 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December January February March April May June	0 0 1 0 0 0 0 1 0 2	0 1 0 0 0 1 0 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December January February March April May June July August	0 0 1 0 0 0 1 0 2 1 2	0 1 0 0 0 1 0 2 1 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December January February March April May June July August September	0 0 1 0 0 0 1 0 2 1 2	0 1 0 0 0 1 0 2 1 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October	0 0 1 0 0 0 0 1 0 2 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October November	0 0 0 0 0 0 1 0 2 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October	0 0 1 0 0 0 0 1 0 2 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 2	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October November December	0 0 0 0 0 0 1 0 2 1 2 1 0 0	0 1 0 0 0 1 0 2 1 2 1 2 1 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October November December  January	0 0 0 0 0 0 1 0 2 1 2 1 0 0 0	0 1 0 0 0 1 0 2 1 2 1 2 1 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October November December	0 0 0 1 0 0 0 1 0 2 1 2 1 2 1 0 0	0 1 0 0 0 1 0 2 1 2 1 2 1 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January	0 0 0 0 0 0 1 0 2 1 2 1 0 0 0	0 1 0 0 0 1 0 2 1 2 1 2 1 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
2010	November December  January February March April May June July August September October November December  January February March	0 0 0 1 0 0 0 1 0 2 1 2 1 2 1 0 0	0 1 0 0 0 1 0 2 1 2 1 2 1 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0 4,329,517.2 4,061,215.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0 4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0 4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0 4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June July	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0 1 2 1 0 0 0 0	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453 55,024,252	4,380,734.9 4,544,036.5  4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0  4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3 4,629,106.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453	4,380,734.9 4,544,036.5 4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0 4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June July	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0 1 2 1 0 0 0 0	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453 55,024,252	4,380,734.9 4,544,036.5  4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0  4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3 4,629,106.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June July August	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968  51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259  52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453 55,024,252 55,552,767	4,380,734.9 4,544,036.5  4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0  4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3 4,629,106.3 4,623,328.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
2010	November December  January February March April May June July August September October November December  January February March April May June July August September January February March April May June July August September	0 0 0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0 0 1 2 1 2	0 1 0 0 0 1 0 2 1 2 1 0 0 0 0 0	53,659,168 54,883,968 51,450,286 50,753,891 51,049,641 51,099,748 51,052,795 50,879,223 54,923,108 55,338,494 54,510,038 55,082,695 54,491,494 55,760,259 52,129,621 51,484,509 51,590,368 51,695,080 51,637,277 51,551,453 55,024,252 55,552,767 54,750,673	4,380,734.9 4,544,036.5  4,270,563.7 3,866,589.3 4,297,763.6 4,168,379.5 4,303,623.3 4,153,219.3 4,604,849.0 4,614,169.8 4,448,412.7 4,593,334.1 4,447,758.0 4,616,162.0  4,329,517.2 4,061,215.7 4,343,608.5 4,219,278.3 4,353,916.0 4,209,710.3 4,629,106.3 4,623,328.5 4,468,660.4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00



		Number of Incident				Diagnoses / 1K Eligible
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2013						
	January	2	2	52,779,907	4,367,941.3	0.00
	February	1	1	52,122,016	3,972,358.4	0.00
	March	3	3	52,691,266	4,436,076.4	0.00
	April	3	3	52,646,713	4,296,812.6	0.00
	•		1			
	May	1		52,572,075	4,433,875.6	0.00
	June	1	1	52,283,201	4,270,927.4	0.00
	July	0	0	55,788,506	4,683,263.6	0.00
	August	0	0	56,094,172	4,681,364.4	0.00
	September	1	1	55,256,893	4,511,155.4	0.00
	October	3	3	55,747,746	4,654,978.5	0.00
	November	4	4	55,144,929	4,502,832.2	0.00
		3	3			
2014	December	3	3	56,270,984	4,663,517.4	0.00
2014	lanuary	4	4	E2 221 001	4 227 600 0	0.00
	January 	4	4	52,221,991	4,337,608.8	0.00
	February	5	5	51,546,494	3,928,847.8	0.00
	March	2	2	51,800,249	4,364,180.6	0.00
	April	4	4	51,811,786	4,227,480.3	0.00
	May	10	10	51,689,058	4,358,411.7	0.00
	•	0	0	51,687,539		
	June				4,220,075.5	0.00
	July	4	4	56,142,081	4,706,859.1	0.00
	August	5	5	56,360,946	4,654,625.7	0.00
	September	7	7	55,028,730	4,492,398.7	0.00
	October	8	8	55,955,400	4,653,215.7	0.00
	November	1	1	55,281,179	4,514,198.9	0.00
	December	12	12	56,280,747	4,667,286.5	0.00
2015						
	January	11	11	52,562,358	4,363,771.2	0.00
	February	9	9	51,893,791	3,915,629.5	0.00
	March	10	10	52,016,779	4,377,546.9	0.00
	April	16	16	52,091,736	4,247,781.7	0.00
	=	19	19			0.00
	May			52,037,660	4,387,456.5	
	June	26	26	52,042,661	4,249,015.5	0.00
	July	61	61	56,174,619	4,711,044.0	0.00
	August	166	166	56,710,939	4,711,451.5	0.00
	September	1,346	1,346	55,848,563	4,558,822.0	0.02
	October	226,680	226,680	56,449,827	4,704,492.4	4.02
	November	208,225	208,225	55,779,523	4,553,643.6	3.73
	December	212,160	212,160	56,734,392	4,709,102.6	3.74
2016						
	January	201,447	201,447	52,503,211	4,364,255.0	3.84
	February	208,948	208,948	51,854,243	4,090,807.5	4.03
	March	221,352	221,352	52,222,263	4,380,112.2	4.24
	April	159,010	159,010	37,789,113	3,087,951.3	4.21
	•		· ·			
	May	65,124	65,124	17,729,739	1,499,404.9	3.67
	June	62,268	62,268	17,720,453	1,451,281.0	3.51
	July	18,828	18,828	5,644,489	476,232.6	3.34
	August	12,870	12,870	4,478,595	334,532.1	2.87
CM cod	des from Algorit	hm, SFM, and FBM, 0 da	ay washout			
2010						
	October	1,395,767	2,118,675	57,716,153	4,834,624.7	24.18
	November	1,373,840	2,077,284	57,083,139	4,676,871.8	24.07
2011	December	1,359,046	2,065,273	58,361,401	4,851,164.3	23.29
2011					. ===	
	January	1,291,778	1,973,705	54,708,355	4,559,066.6	23.61
	February	1,259,457	1,889,304	54,004,537	4,128,109.5	23.32
	March	1,431,004	2,241,430	54,304,661	4,589,505.2	26.35
	April	1,331,377	2,030,298	54,376,438	4,451,813.2	24.48
	•					24.60
	May	1,336,802	2,049,610	54,345,382	4,596,809.0	
	June	1,371,154	2,113,178	54,180,080	4,437,454.8	25.31
	July	1,376,690	2,087,356	58,516,097	4,922,622.7	23.53
	August	1,488,086	2,313,087	58,949,591	4,934,256.4	25.24
	September	1,452,215	2,226,372	58,085,767	4,756,913.3	25.00
	•					
	October	1,467,052	2,242,656	58,676,595	4,912,248.5	25.00
	November	1,438,870	2,186,652	58,078,196	4,756,987.5	24.77
	December	1,428,660	2,181,896	59,388,173	4,936,750.4	24.06



		Number of Incident				Diagnoses / 1K Elig
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2012	lanuani	1 200 702	2 152 562	FF F20 222	4 620 251 0	24.07
	January	1,386,763	2,152,562	55,530,223	4,630,251.0	24.97
	February	1,367,352	2,092,869	54,876,327	4,343,731.8	24.92
	March	1,436,561	2,240,539	54,975,889	4,646,212.7	26.13
	April	1,391,927	2,136,401	55,096,138	4,512,914.6	25.26
	May	1,423,677	2,219,250	55,049,184	4,658,029.6	25.86
	June	1,378,575	2,122,026	54,978,230	4,504,350.2	25.07
	July	1,455,631	2,251,932	58,694,936	4,954,101.6	24.80
	August	1,514,225	2,371,508	59,224,748	4,948,556.2	25.57
	September	1,415,284	2,155,727	58,386,075	4,782,162.8	24.24
	October	1,557,569	2,440,846	58,911,806	4,936,312.3	26.44
	November	1,459,318	2,242,862	58,315,915	4,778,740.5	25.02
	December	1,393,861	2,132,986	59,471,414	4,955,666.4	23.44
2013	December	1,333,001	2,132,300	33,171,111	1,555,000.1	23.14
	January	1,435,366	2,272,302	56,197,731	4,670,823.4	25.54
	February	1,337,912	2,056,644	55,542,762	4,246,777.7	24.09
	March	1,421,123	2,224,638	56,138,854	4,744,073.1	25.31
	April	1,490,948	2,377,252	56,104,107	4,595,653.8	26.57
	= -				4,744,239.6	25.91
	May	1,452,527	2,308,831	56,057,246		
	June	1,383,185	2,151,760	55,778,760	4,571,072.3	24.80
	July	1,520,473	2,408,155	59,556,573	5,016,305.0	25.53
	August	1,518,744	2,402,529	59,876,675	5,015,940.4	25.36
	September	1,487,805	2,319,683	59,000,407	4,833,576.6	25.22
	October	1,610,320	2,570,860	59,493,519	4,988,077.6	27.07
	November	1,451,789	2,244,179	58,886,507	4,825,393.1	24.65
	December	1,464,601	2,291,728	60,055,310	4,997,010.4	24.39
2014						
	January	1,417,125	2,247,657	55,701,673	4,645,703.0	25.44
	February	1,347,841	2,086,942	55,017,049	4,207,098.7	24.50
	March	1,450,536	2,295,046	55,271,800	4,673,920.9	26.24
	April	1,468,578	2,338,731	55,288,350	4,527,701.2	26.56
	May	1,426,490	2,264,498	55,167,407	4,668,733.3	25.86
	June	1,416,788	2,235,408	55,203,751	4,521,918.7	25.66
	July	1,564,101	2,501,306	60,017,841	5,048,903.4	26.06
	August	1,499,852	2,371,778	60,258,780	4,995,827.3	24.89
	September	1,561,319	2,482,377	58,851,445	4,821,953.3	26.53
	October	1,632,356	2,625,097	59,811,527	4,994,616.9	27.29
	November	1,433,165	2,211,419	59,123,837	4,845,527.4	24.24
2015	December	1,548,406	2,470,413	60,149,691	5,009,350.1	25.74
2013	January	1,425,649	2,272,867	56,110,525	4,678,415.9	25.41
	February	1,349,763	2,105,862	55,431,573	4,198,556.6	24.35
	March	1,531,160	2,466,998	55,562,529	4,693,730.3	27.56
	April	1,518,912	2,448,717	55,654,716	4,555,384.6	27.29
	May	1,429,534	2,275,709	55,625,323	4,706,910.3	25.70
	June	1,510,771	2,438,433	55,657,221	4,559,569.0	27.14
	July	1,602,158	2,578,831	60,121,043	5,059,633.5	26.65
	August	1,563,669	2,472,493	60,711,514	5,062,973.3	25.76
	September	1,589,448	2,485,106	59,802,370	4,899,634.6	26.58
	October	1,384	2,301	60,415,951	5,056,566.0	0.02
	November	511	778	59,733,371	4,894,566.1	0.01
	December	248	415	60,716,875	5,061,375.7	0.00
2016						
	January	158	240	56,184,879	4,690,539.7	0.00
	February	111	165	55,510,698	4,396,218.4	0.00
	March	84	85	55,892,627	4,707,486.7	0.00
	April	72	75	40,838,247	3,348,128.0	0.00
	May	57	59	18,931,915	1,605,398.3	0.00
	-	66	66	18,953,391	1,556,068.3	0.00
	June					
	June July	64	64	6,080,161	514,545.9	0.01



**Number of Incident** Diagnoses / 1K Eligible Members Diagnoses **Number of Diagnoses Eligible Members** Member- Years ICD-10-CM codes from an Algorithm, 0 day washout 2010 2 2 0.00 October 57,716,153 4,834,624.7 0 0 0.00 November 57,083,139 4,676,871.8 December 2 2 58,361,401 4,851,164.3 0.00 2011 2 January 2 54,708,355 4,559,066.6 0.00 2 2 0.00 February 54,004,537 4.128.109.5 March 0 0 54,304,661 4,589,505.2 0.00 April 2 2 54,376,438 4,451,813.2 0.00 May 3 3 54,345,382 4,596,809.0 0.00 3 June 3 54,180,080 4,437,454.8 0.00 July 3 3 4,922,622.7 0.00 58,516,097 5 5 58,949,591 4,934,256.4 0.00 August September 3 3 58,085,767 4,756,913.3 0.00 October 2 2 58,676,595 4,912,248.5 0.00 3 November 3 58,078,196 4,756,987.5 0.00 2 2 December 59,388,173 4,936,750.4 0.00 2012 January 3 3 55,530,223 4,630,251.0 0.00 February 6 6 54,876,327 4,343,731.8 0.00 8 8 0.00 March 54.975.889 4.646.212.7 April 8 8 55,096,138 4,512,914.6 0.00 May 8 8 55,049,184 4,658,029.6 0.00 0.00 June 1 1 54,978,230 4,504,350.2 6 6 0.00 July 58,694,936 4,954,101.6 August 7 7 59,224,748 4,948,556.2 0.00 September 3 3 58,386,075 4,782,162.8 0.00 October 8 8 58,911,806 4,936,312.3 0.00 10 4,778,740.5 November 10 58,315,915 0.00 December 3 3 59,471,414 4,955,666.4 0.00 2013 January 15 15 56,197,731 4,670,823.4 0.00 February 10 10 55,542,762 4,246,777.7 0.00 20 20 56,138,854 4,744,073.1 0.00 March April 18 18 56,104,107 4,595,653.8 0.00 May 3 3 56,057,246 4,744,239.6 0.00 June 10 10 55,778,760 4,571,072.3 0.00 July 10 10 59,556,573 5,016,305.0 0.00 10 10 59,876,675 5,015,940.4 0.00 August September 12 12 59,000,407 4,833,576.6 0.00 October 10 10 59,493,519 4,988,077.6 0.00 19 19 0.00 November 58,886,507 4,825,393.1 December 13 13 60,055,310 4,997,010.4 0.00 2014 18 20 55,701,673 4,645,703.0 0.00 January February 18 18 55,017,049 4,207,098.7 0.00 0.00 March 26 26 55,271,800 4.673.920.9 April 30 30 55,288,350 4,527,701.2 0.00 May 33 36 55,167,407 4,668,733.3 0.00 June 34 34 55,203,751 4,521,918.7 0.00 49 49 July 60,017,841 5,048,903.4 0.00 August 53 58 60,258,780 4,995,827.3 0.00 51 51 0.00 September 58,851,445 4,821,953.3 October 54 54 59,811,527 4,994,616.9 0.00 November 46 46 59,123,837 4,845,527.4 0.00 72 73 60,149,691 0.00 December 5,009,350.1



		Normalis and the statement				Number of Incident	
		Number of Incident Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Diagnoses / 1K Eligib Members	
2015				<b>0</b>			
	January	123	123	56,110,525	4,678,415.9	0.00	
	February	110	111	55,431,573	4,198,556.6	0.00	
	March	143	143	55,562,529	4,693,730.3	0.00	
	April	151	158	55,654,716	4,555,384.6	0.00	
	May	213	213	55,625,323	4,706,910.3	0.00	
	June	332	332	55,657,221	4,559,569.0	0.01	
		637					
	July		641	60,121,043	5,059,633.5	0.01	
	August	3,169	4,683	60,711,514	5,062,973.3	0.05	
	September	14,384	20,428	59,802,370	4,899,634.6	0.24	
	October	1,190,269	1,700,674	60,415,951	5,056,566.0	19.70	
	November	1,103,983	1,557,080	59,733,371	4,894,566.1	18.48	
	December	1,147,504	1,641,689	60,716,875	5,061,375.7	18.90	
2016							
	January	1,020,041	1,449,327	56,184,879	4,690,539.7	18.16	
	February	1,046,930	1,490,260	55,510,698	4,396,218.4	18.86	
	March					20.04	
		1,120,162	1,616,078	55,892,627	4,707,486.7		
	April	872,948	1,249,354	40,838,247	3,348,128.0	21.38	
	May	312,477	442,599	18,931,915	1,605,398.3	16.51	
	June	315,721	447,286	18,953,391	1,556,068.3	16.66	
	July	81,733	104,609	6,080,161	514,545.9	13.44	
	August	55,691	72,036	4,828,490	361,293.6	11.53	
-CM co	odes from SFM,	0 day washout					
2010	,						
	October	2	2	57,716,153	4,834,624.7	0.00	
	November	0	0	57,083,139	4,676,871.8	0.00	
	December	2	2	58,361,401	4,851,164.3	0.00	
2011							
	January	2	2	54,708,355	4,559,066.6	0.00	
	February	3	3	54,004,537	4,128,109.5	0.00	
	March	0	0	54,304,661	4,589,505.2	0.00	
	April	2	2	54,376,438	4,451,813.2	0.00	
	May	4	4	54,345,382	4,596,809.0	0.00	
	June	4	4	54,180,080	4,437,454.8	0.00	
		5	5				
	July			58,516,097	4,922,622.7	0.00	
	August	6	6	58,949,591	4,934,256.4	0.00	
	September	7	7	58,085,767	4,756,913.3	0.00	
	October	2	2	58,676,595	4,912,248.5	0.00	
	November	5	5	58,078,196	4,756,987.5	0.00	
	December	6	6	59,388,173	4,936,750.4	0.00	
2012							
	January	3	3	55,530,223	4,630,251.0	0.00	
						0.00	
	February	10	10	54,876,327	4,343,731.8		
	March	8	8	54,975,889	4,646,212.7	0.00	
	April	10	10	55,096,138	4,512,914.6	0.00	
	May	9	9	55,049,184	4,658,029.6	0.00	
	June	2	2	54,978,230	4,504,350.2	0.00	
	July	8	8	58,694,936	4,954,101.6	0.00	
	August	9	9	59,224,748	4,948,556.2	0.00	
	September	5	5	58,386,075	4,782,162.8	0.00	
	October	15	15	58,911,806	4,936,312.3	0.00	
	November	11	11	58,315,915	4,778,740.5	0.00	
2042	December	6	6	59,471,414	4,955,666.4	0.00	
2013							
	January	18	18	56,197,731	4,670,823.4	0.00	
	February	13	13	55,542,762	4,246,777.7	0.00	
	March	24	24	56,138,854	4,744,073.1	0.00	
	April	20	20	56,104,107	4,595,653.8	0.00	
	дрии		6	56,057,246	4,744,239.6	0.00	
	•	6		/ / •	,,_55.0		
	May	6 14		55 778 760	<b>₫</b> 571 በ72 2	U UU	
	May June	14	14	55,778,760 50,556,572	4,571,072.3	0.00	
	May June July	14 18	14 18	59,556,573	5,016,305.0	0.00	
	May June July August	14 18 15	14 18 15	59,556,573 59,876,675	5,016,305.0 5,015,940.4	0.00 0.00	
	May June July August September	14 18 15 21	14 18 15 21	59,556,573	5,016,305.0	0.00 0.00 0.00	
	May June July August	14 18 15	14 18 15	59,556,573 59,876,675	5,016,305.0 5,015,940.4	0.00 0.00	
	May June July August September	14 18 15 21	14 18 15 21	59,556,573 59,876,675 59,000,407	5,016,305.0 5,015,940.4 4,833,576.6	0.00 0.00 0.00	



		Number of Incident				Diagnoses / 1K Eligi
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2014						
	January	25	42	55,701,673	4,645,703.0	0.00
	February	28	28	55,017,049	4,207,098.7	0.00
	March	35	35	55,271,800	4,673,920.9	0.00
	April	39	39	55,288,350	4,527,701.2	0.00
	May	45	48	55,167,407	4,668,733.3	0.00
	-					
	June	37	37	55,203,751	4,521,918.7	0.00
	July	66	66	60,017,841	5,048,903.4	0.00
	August	66	71	60,258,780	4,995,827.3	0.00
	September	69	69	58,851,445	4,821,953.3	0.00
	October	76	76	59,811,527	4,994,616.9	0.00
	November	67	67	59,123,837	4,845,527.4	0.00
	December	91	93	60,149,691	5,009,350.1	0.00
2015	December	31	33	00,115,031	3,003,330.1	0.00
	January	164	164	56,110,525	4,678,415.9	0.00
	February	147	149	55,431,573	4,198,556.6	0.00
	March	192	192	55,562,529	4,693,730.3	0.00
	April	209	218	55,654,716	4,555,384.6	0.00
	May	290	290	55,625,323	4,706,910.3	0.01
	•					
	June	437	438	55,657,221	4,559,569.0	0.01
	July	810	815	60,121,043	5,059,633.5	0.01
	August	4,193	6,275	60,711,514	5,062,973.3	0.07
	September	19,235	27,440	59,802,370	4,899,634.6	0.32
	October	1,528,147	2,364,064	60,415,951	5,056,566.0	25.29
	November	1,425,178	2,164,295	59,733,371	4,894,566.1	23.86
	December	1,480,636	2,289,309	60,716,875	5,061,375.7	24.39
2016	December	1,480,030	2,203,303	00,710,873	3,001,373.7	24.33
	January	1,343,749	2,061,946	56,184,879	4,690,539.7	23.92
	February	1,380,676	2,121,560	55,510,698	4,396,218.4	24.87
	March	1,469,889	2,301,060	55,892,627	4,707,486.7	26.30
	April	1,148,463	1,779,331	40,838,247	3,348,128.0	28.12
	May	417,366	638,194	18,931,915	1,605,398.3	22.05
	June	421,467	646,050	18,953,391	1,556,068.3	22.24
	July	117,830	161,055	6,080,161	514,545.9	19.38
	August	77,404	105,454	4,828,490	361,293.6	16.03
	odes from SFM v	with cluster logic, 0 day	washout			
2010	October	2	2	57,716,153	4,834,624.7	0.00
	November	0	0	57,083,139	4,676,871.8	0.00
	December	2	2	58,361,401	4,851,164.3	0.00
2011	lanuani	2	2	E4 700 2EE	4 EEO 066 6	0.00
	January		2	54,708,355	4,559,066.6	
	February	3	3	54,004,537	4,128,109.5	0.00
	March	0	0	54,304,661	4,589,505.2	0.00
	April	2	2	54,376,438	4,451,813.2	0.00
	May	4	4	54,345,382	4,596,809.0	0.00
	June	4	4	54,180,080	4,437,454.8	0.00
	July	5	5	58,516,097	4,922,622.7	0.00
	-	6	6			
	August			58,949,591	4,934,256.4	0.00
	September	7	7	58,085,767	4,756,913.3	0.00
	October	2	2	58,676,595	4,912,248.5	0.00
	November	5	5	58,078,196	4,756,987.5	0.00
	December	6	6	59,388,173	4,936,750.4	0.00
2012						
	January	3	3	55,530,223	4,630,251.0	0.00
	February	10	10	54,876,327	4,343,731.8	0.00
	March	8	8	54,975,889	4,646,212.7	0.00
	April	10	10	55,096,138	4,512,914.6	0.00
	May	9	9	55,049,184	4,658,029.6	0.00
	-					
	June	2	2	54,978,230	4,504,350.2	0.00
	July	8	8	58,694,936	4,954,101.6	0.00
	August	9	9	59,224,748	4,948,556.2	0.00
	September	5	5	58,386,075	4,782,162.8	0.00
	October	15	15	58,911,806	4,936,312.3	0.00
	November	11	11	58,315,915	4,778,740.5	0.00
	December	5	5	59,471,414	4,955,666.4	0.00
	Pecelling	J	J	JJ,411,414	4,555,000.4	0.00



	Number of Incident					Diagnoses / 1K Eligible	
		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members	
2013							
	January	18	18	56,197,731	4,670,823.4	0.00	
	February	13	13	55,542,762	4,246,777.7	0.00	
	March	24	24	56,138,854	4,744,073.1	0.00	
	April	20	20	56,104,107	4,595,653.8	0.00	
	-						
	May	6	6	56,057,246	4,744,239.6	0.00	
	June	14	14	55,778,760	4,571,072.3	0.00	
	July	18	18	59,556,573	5,016,305.0	0.00	
	August	15	15	59,876,675	5,015,940.4	0.00	
	September	21	21	59,000,407	4,833,576.6	0.00	
	October	13	13	59,493,519	4,988,077.6	0.00	
	November	24	24	58,886,507	4,825,393.1	0.00	
		22	22				
2014	December	22	22	60,055,310	4,997,010.4	0.00	
	January	25	42	55,701,673	4,645,703.0	0.00	
	February	28	28	55,017,049	4,207,098.7	0.00	
	March	34	34	55,271,800	4,673,920.9	0.00	
	April	39	39	55,288,350	4,527,701.2	0.00	
	May	44	47	55,167,407	4,668,733.3	0.00	
	June	37	37	55,203,751	4,521,918.7	0.00	
	July	66	66	60,017,841	5,048,903.4	0.00	
	August	65	70	60,258,780	4,995,827.3	0.00	
	September	69	69	58,851,445	4,821,953.3	0.00	
	October	76	76			0.00	
				59,811,527	4,994,616.9		
	November	67	67	59,123,837	4,845,527.4	0.00	
2045	December	90	92	60,149,691	5,009,350.1	0.00	
2015	January	163	163	56,110,525	4,678,415.9	0.00	
	-	145	147			0.00	
	February			55,431,573	4,198,556.6		
	March	192	192	55,562,529	4,693,730.3	0.00	
	April	206	215	55,654,716	4,555,384.6	0.00	
	May	288	288	55,625,323	4,706,910.3	0.01	
	June	434	435	55,657,221	4,559,569.0	0.01	
	July	805	810	60,121,043	5,059,633.5	0.01	
	August	4,163	6,236	60,711,514	5,062,973.3	0.07	
	-						
	September	18,992	27,163	59,802,370	4,899,634.6	0.32	
	October	1,514,447	2,334,758	60,415,951	5,056,566.0	25.07	
	November	1,412,925	2,139,611	59,733,371	4,894,566.1	23.65	
	December	1,468,666	2,264,768	60,716,875	5,061,375.7	24.19	
2016				56.404.070	4 600 500 5	20.74	
	January	1,332,277	2,038,579	56,184,879	4,690,539.7	23.71	
	February	1,368,714	2,097,565	55,510,698	4,396,218.4	24.66	
	March	1,457,385	2,274,979	55,892,627	4,707,486.7	26.07	
	April	1,137,709	1,757,565	40,838,247	3,348,128.0	27.86	
	May	414,344	631,916	18,931,915	1,605,398.3	21.89	
	June	418,388	639,945	18,953,391	1,556,068.3	22.07	
	July	117,183	159,993	6,080,161	514,545.9	19.27	
	August	77,058	104,866	4,828,490	361,293.6	15.96	
	odes from FBM,	0 day washout					
2010	October	2	2	57,716,153	A 834 624 7	0.00	
					4,834,624.7		
	November	0	0	57,083,139	4,676,871.8	0.00	
2044	December	2	2	58,361,401	4,851,164.3	0.00	
2011	lanuary	า	า	E4 700 2EE	1 EEO OSS S	0.00	
	January	2	2	54,708,355	4,559,066.6	0.00	
	February	3	3	54,004,537	4,128,109.5	0.00	
	March	0	0	54,304,661	4,589,505.2	0.00	
	April	2	2	54,376,438	4,451,813.2	0.00	
	May	4	4	54,345,382	4,596,809.0	0.00	
	June	4	4	54,180,080	4,437,454.8	0.00	
	July	5	5	58,516,097	4,922,622.7	0.00	
	August	7	7	58,949,591	4,934,256.4	0.00	
	September	8	8	58,085,767	4,756,913.3	0.00	
	October	2	2	58,676,595	4,912,248.5	0.00	
	November	5	5	58,078,196	4,756,987.5	0.00	
	December	6	6			0.00	
	Pereimpei	U	Ü	59,388,173	4,936,750.4	0.00	



		Number of Incident				Diagnoses / 1K El
2012		Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
2012	January	3	3	55,530,223	4,630,251.0	0.00
	February	10	10	54,876,327	4,343,731.8	0.00
	•					
	March	8	8	54,975,889	4,646,212.7	0.00
	April	11	11	55,096,138	4,512,914.6	0.00
	May	9	9	55,049,184	4,658,029.6	0.00
	June	2	2	54,978,230	4,504,350.2	0.00
	July	9	9	58,694,936	4,954,101.6	0.00
	August	9	9	59,224,748	4,948,556.2	0.00
	September	5	5	58,386,075	4,782,162.8	0.00
	October	17	17			
				58,911,806	4,936,312.3	0.00
	November	11	11	58,315,915	4,778,740.5	0.00
2042	December	6	6	59,471,414	4,955,666.4	0.00
2013	January	18	18	56,197,731	4,670,823.4	0.00
	=					
	February	13	13	55,542,762	4,246,777.7	0.00
	March	25	25	56,138,854	4,744,073.1	0.00
	April	21	21	56,104,107	4,595,653.8	0.00
	May	6	6	56,057,246	4,744,239.6	0.00
	June	15	15	55,778,760	4,571,072.3	0.00
	July	20	20	59,556,573	5,016,305.0	0.00
	August	16	16	59,876,675	5,015,940.4	0.00
	_	23	23			
	September			59,000,407	4,833,576.6	0.00
	October	17	17	59,493,519	4,988,077.6	0.00
	November	26	26	58,886,507	4,825,393.1	0.00
	December	23	23	60,055,310	4,997,010.4	0.00
2014		•		0.4 C=0		
	January	26	43	55,701,673	4,645,703.0	0.00
	February	29	29	55,017,049	4,207,098.7	0.00
	March	37	37	55,271,800	4,673,920.9	0.00
	April	44	44	55,288,350	4,527,701.2	0.00
	May	48	51	55,167,407	4,668,733.3	0.00
	June	42	42	55,203,751	4,521,918.7	0.00
	July	73	73	60,017,841	5,048,903.4	0.00
	August	68	73	60,258,780	4,995,827.3	0.00
	-					
	September	73	73	58,851,445	4,821,953.3	0.00
	October	77	77	59,811,527	4,994,616.9	0.00
	November	75	75	59,123,837	4,845,527.4	0.00
	December	108	110	60,149,691	5,009,350.1	0.00
2015	_					
	January	181	181	56,110,525	4,678,415.9	0.00
	February	161	163	55,431,573	4,198,556.6	0.00
	March	210	210	55,562,529	4,693,730.3	0.00
	April	236	246	55,654,716	4,555,384.6	0.00
	May	322	323	55,625,323	4,706,910.3	0.01
	June	473	474	55,657,221	4,559,569.0	0.01
		881	886			
	July			60,121,043	5,059,633.5	0.01
	August	4,552	6,839	60,711,514	5,062,973.3	0.07
	September	20,492	29,633	59,802,370	4,899,634.6	0.34
	October	1,611,779	2,553,914	60,415,951	5,056,566.0	26.68
	November	1,506,494	2,339,287	59,733,371	4,894,566.1	25.22
	December	1,563,937	2,475,326	60,716,875	5,061,375.7	25.76
2016						
	January	1,425,557	2,241,506	56,184,879	4,690,539.7	25.37
	February	1,466,545	2,309,511	55,510,698	4,396,218.4	26.42
	March	1,559,336	2,505,233	55,892,627	4,707,486.7	27.90
	April	1,228,325	1,954,756	40,838,247	3,348,128.0	30.08
	-					23.83
	May	451,144	710,877	18,931,915	1,605,398.3	
	June	455,662	720,365	18,953,391	1,556,068.3	24.04
	July	135,452	194,162	6,080,161	514,545.9	22.28
	August	89,137	127,339	4,828,490	361,293.6	18.46



	Number of Incident				Diagnoses / 1K Eligible
	Diagnoses	Number of Diagnoses	Eligible Members	Member- Years	Members
<u>2015</u>					
	gorithm, SFM, and FBM, 90	day washout			
2015					
January	521,886	521,886	53,807,264	4,442,831.2	9.70
February	476,447	476,447	53,086,417	3,986,819.8	8.97
March	547,959	547,959	53,223,228	4,455,461.1	10.30
<u> 2016</u>					
CD-10-CM codes from a	n Algorithm, 90 day washou	ıt			
2016		•			
January	477,218	477,218	54,343,771	4,496,301.5	8.78
February	492,037	492,037	53,691,244	4,216,426.7	9.16
March	527,598	527,598	54,076,355	4,513,766.7	9.76
CD-10-CM codes from S	<u> </u>	,,,,,,	- //	, , , , , , , , , , , , , , , , , , , ,	
2016	, ,				
January	522,776	522,776	53,891,932	4,455,284.8	9.70
February	537,088	537,088	53,225,829	4,176,848.9	10.09
March	570,525	570,525	53,589,673	4,469,970.5	10.65
CD-10-CM codes from S	FM with cluster logic, 90 da	y washout			
2016					
January	521,791	521,791	53,908,370	4,456,742.7	9.68
February	535,890	535,890	53,242,232	4,178,224.1	10.07
March	569,454	569,454	53,606,641	4,471,473.2	10.62
CD-10-CM codes from F	BM, 90 day washout				
2016	•				
January	523,532	523,532	53,790,844	4,446,869.5	9.73
February	538,471	538,471	53,122,220	4,168,673.2	10.14

570,427

53,480,935

4,460,907.1

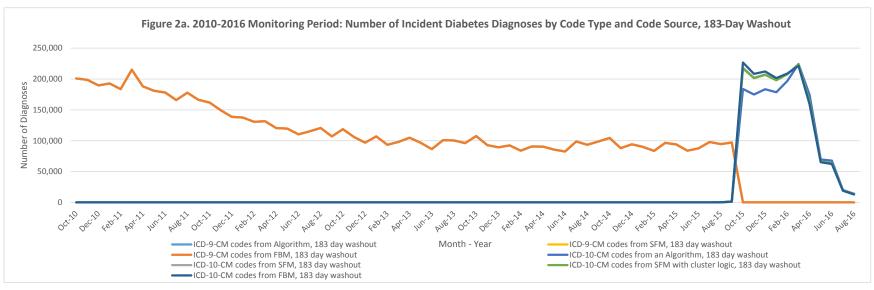
10.67

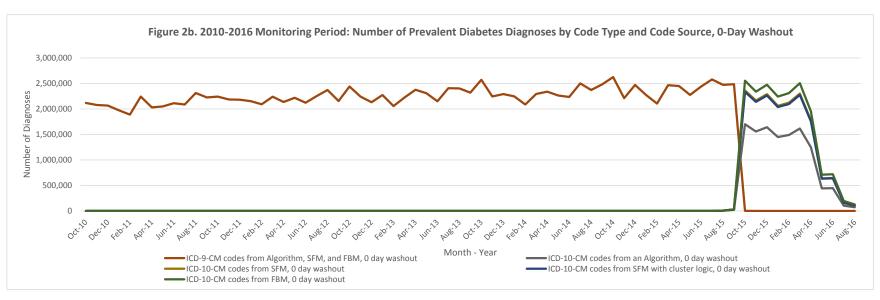
570,427

March

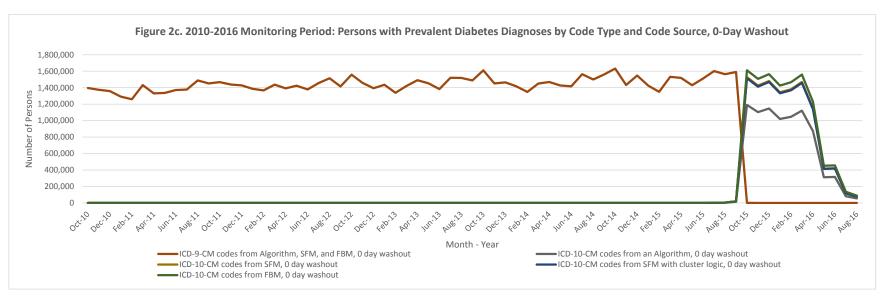


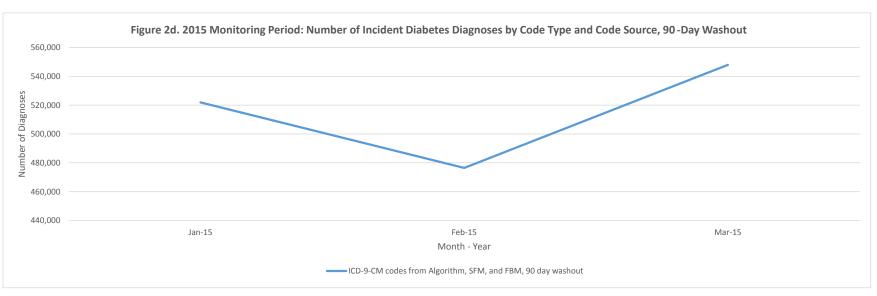
Figures 2a-2e. Number of Diabetes Diagnoses by Monitoring Period, Code Type, Code Source, and Washout Period



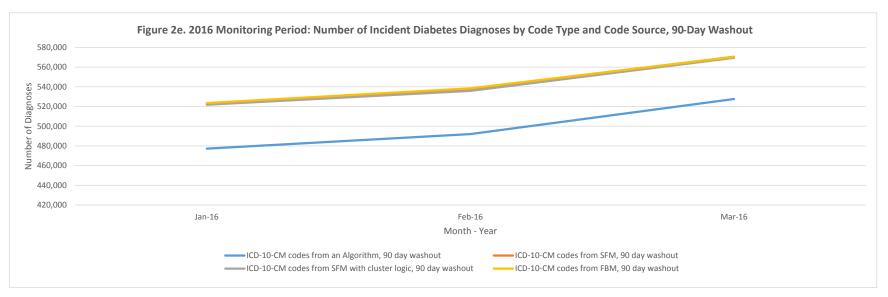






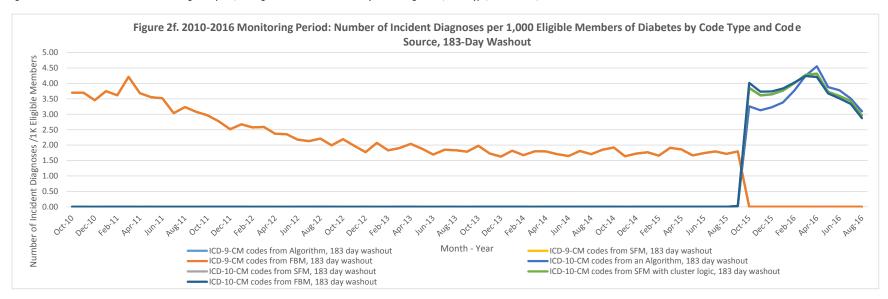


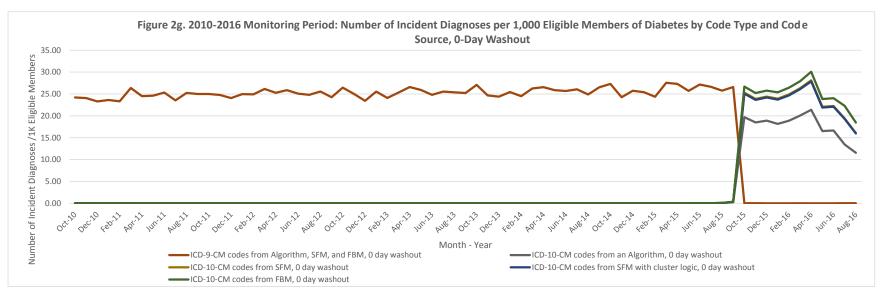




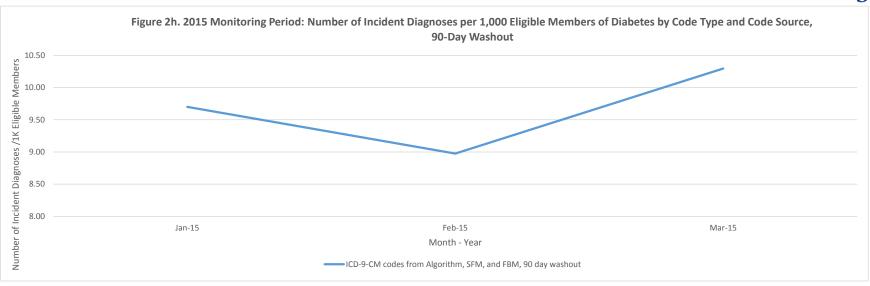


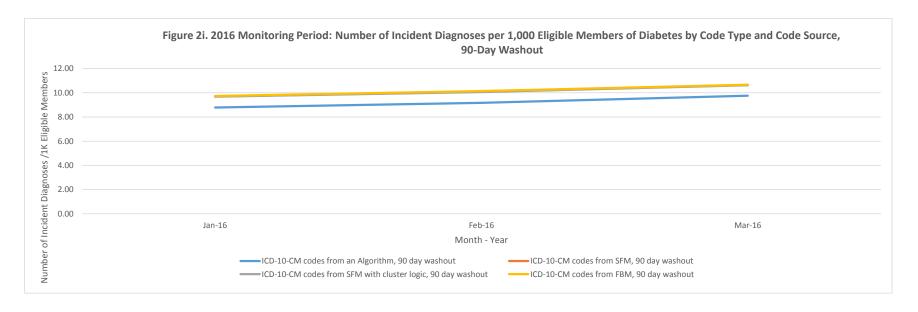
Figures 2f-2i. Number of Number of Incident Diagnoses per 1,000 Eligible Members of Diabetes by Monitoring Period, Code Type, Code Source, and Washout Period













# Appendix A. Latest Date of Available Data for Each Data Partner up to Request End Date

DP ID	Start Date	End Date
DP0001	10/1/2010	6/30/2016
DP0002	10/1/2010	4/30/2016
DP0003	10/1/2010	6/30/2016
DP0004	10/1/2010	7/31/2016
DP0005	10/1/2010	7/31/2016
DP0006	10/1/2010	6/30/2016
DP0007	10/1/2010	5/31/2016
DP0008	10/1/2010	7/31/2016
DP0009	10/1/2010	8/31/2016
DP0010	10/1/2010	3/31/2016
DP0011	10/1/2010	4/30/2016



# Appendix B. List of Codes Used to Define Hypertension, Algorithm

Code	Description	Code Type
401.0	Essential hypertension, malignant	ICD-9-CM Diagnosis
401.1	Essential hypertension, benign	ICD-9-CM Diagnosis
401.9	Unspecified essential hypertension	ICD-9-CM Diagnosis
402.0	Malignant hypertensive heart disease	ICD-9-CM Diagnosis
402.00	Malignant hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
402.01	Malignant hypertensive heart disease with heart failure	ICD-9-CM Diagnosis
402.1	Benign hypertensive heart disease	ICD-9-CM Diagnosis
402.10	Benign hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
402.11	Benign hypertensive heart disease with heart failure	ICD-9-CM Diagnosis
402.9	Unspecified hypertensive heart disease	ICD-9-CM Diagnosis
402.90	Unspecified hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-9-CM Diagnosis
403.0	Hypertensive chronic kidney disease, malignant	ICD-9-CM Diagnosis
403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
403.1	Hypertensive chronic kidney disease, benign	ICD-9-CM Diagnosis
403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
403.9	Hypertensive chronic kidney disease, unspecified	ICD-9-CM Diagnosis
	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or	
403.90	unspecified	ICD-9-CM Diagnosis
403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
404.0	Hypertensive heart and chronic kidney disease, malignant	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease	G
404.00	stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage	_
404.01	I through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease	
404.02	stage V or end stage renal disease	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage	
404.03	V or end stage renal disease	ICD-9-CM Diagnosis
404.1	Hypertensive heart and chronic kidney disease, benign	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage	
404.10	I through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I	
404.11	through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage	
404.12	V or end stage renal disease	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end	
404.13	stage renal disease	ICD-9-CM Diagnosis
404.9	Hypertensive heart and chronic kidney disease, unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease	
404.90	stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease	
404.91	stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease	
404.92	stage V or end stage renal disease Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V	ICD-9-CM Diagnosis
404.93 405.0	Secondary hypertension, malignant	ICD-9-CM Diagnosis ICD-9-CM Diagnosis
405.01	Secondary renovascular hypertension, malignant	ICD-9-CM Diagnosis
405.01	Other secondary hypertension, malignant	ICD-9-CM Diagnosis
405.09	Secondary hypertension, malignant Secondary hypertension, benign	<del>-</del>
405.1	Secondary renovascular hypertension, benign	ICD-9-CM Diagnosis ICD-9-CM Diagnosis
405.11	Other secondary hypertension, benign	ICD-9-CM Diagnosis
703.13	other secondary hypertension, benign	ICD J-CIVI DIAGIIU313



# Appendix B. List of Codes Used to Define Hypertension, Algorithm

Code	Description	Code Type
405.9	Unspecified secondary hypertension, unspecified	ICD-9-CM Diagnosis
405.91	Secondary renovascular hypertension, unspecified	ICD-9-CM Diagnosis
405.99	Other secondary hypertension, unspecified	ICD-9-CM Diagnosis
I10	Essential (primary) hypertension	ICD-10-CM Diagnosis
l11	Hypertensive heart disease	ICD-10-CM Diagnosis
I11.0	Hypertensive heart disease with heart failure	ICD-10-CM Diagnosis
I11.9	Hypertensive heart disease without heart failure	ICD-10-CM Diagnosis
I12	Hypertensive chronic kidney disease	ICD-10-CM Diagnosis
112.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM Diagnosis
	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic	
112.9	kidney disease	ICD-10-CM Diagnosis
I13	Hypertensive heart and chronic kidney disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney	
113.0	disease, or unspecified chronic kidney disease	ICD-10-CM Diagnosis
113.1	Hypertensive heart and chronic kidney disease without heart failure	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney	
113.10	disease, or unspecified chronic kidney disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end	
113.11	stage renal disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end	_
113.2	stage renal disease	ICD-10-CM Diagnosis
115	Secondary hypertension	ICD-10-CM Diagnosis
115.0	Renovascular hypertension	ICD-10-CM Diagnosis
115.1	Hypertension secondary to other renal disorders	ICD-10-CM Diagnosis
115.2	Hypertension secondary to endocrine disorders	ICD-10-CM Diagnosis
115.8	Other secondary hypertension	ICD-10-CM Diagnosis
115.9	Secondary hypertension, unspecified	ICD-10-CM Diagnosis



# Appendix C. List of Codes Used to Define Hypertension, Simple Forward Mapping (SFM)

ICD-9-CM Diagnosis
ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis
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ICD-9-CM Diagnosis
ICD-9-CM Diagnosis
y disease stage I through stage IV, or
ICD-9-CM Diagnosis
y disease stage V or end stage renal disease ICD-9-CM Diagnosis
sease stage I through stage IV, or unspecified ICD-9-CM Diagnosis
sease stage V or end stage renal disease ICD-9-CM Diagnosis
ey disease stage I through stage IV, or
ICD-9-CM Diagnosis
ey disease stage V or end stage renal disease ICD-9-CM Diagnosis heart failure and with chronic kidney disease
ICD-9-CM Diagnosis rt failure and with chronic kidney disease stage
ICD-9-CM Diagnosis heart failure and with chronic kidney disease
ICD-9-CM Diagnosis rt failure and with chronic kidney disease stage
ICD-9-CM Diagnosis rt failure and with chronic kidney disease stage
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ICD-9-CM Diagnosis art failure and with chronic kidney disease stage
ICD-9-CM Diagnosis ailure and chronic kidney disease stage V or end
ICD-9-CM Diagnosis
t heart failure and with chronic kidney disease
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eart failure and with chronic kidney disease
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ICD-9-CM Diagnosis
t heart failure and with chronic kidney disease
ICD-9-CM Diagnosis
eart failure and chronic kidney disease stage V
ICD-9-CM Diagnosis
ICD-10-CM Diagnosis
ICD-10-CM Diagnosis
ICD-10-CM Diagnosis
ICD-10-CM Diagnosis
nronic kidney disease, or unspecified chronic
ICD-10-CM Diagnosis
ease or end stage renal disease ICD-10-CM Diagnosis
y s se et i t i t i t



# Appendix C. List of Codes Used to Define Hypertension, Simple Forward Mapping (SFM)

Code	Description	Code Type
	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney	
13.10	disease, or unspecified chronic kidney disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney	
13.0	disease, or unspecified chronic kidney disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end	
3.11	stage renal disease	ICD-10-CM Diagnosis
	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end	
13.2	stage renal disease	ICD-10-CM Diagnosis
15.0	Renovascular hypertension	ICD-10-CM Diagnosis
15.8	Other secondary hypertension	ICD-10-CM Diagnosis



	Code	Description	Code Type
40.19 Unspecified sestinal hypertension  40.20 Mollagnosis    40.20 Moll	401.0	Essential hypertension, malignant	ICD-9-CM Diagnosis
Mallganart hypertensive heard disease with boart heart failure 40.21 Mallganart hypertensive heard disease with boart failure 40.21 Senigh hypertensive heard disease with boart failure 40.21 Senigh hypertensive heard disease with boart failure 40.22 Impectified hypertensive heart disease with boart failure 40.29 Impectified hypertensive heart disease with boart failure 40.20 Impectified hypertensive heart disease with boart failure 40.20 Impectified hypertensive heart disease, unspecified, with heart failure 40.21 Senigh hypertensive heart disease, unspecified, with chronic kidney disease stage I through stage N, or unspecified 40.20 Impectified hypertensive chronic kidney disease, pallignant, with chronic kidney disease stage I through stage N, or unspecified 40.31 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage N, or unspecified 40.31 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage N, or unspecified 40.31 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage N, or unspecified 40.31 Hypertensive heart and chronic kidney disease, unspecified, with chronic kidney disease stage I through stage N, or unspecified 40.32 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage N, or unspecified 40.40 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage N, or unspecified 40.41 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage N, or unspecified 40.41 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage N, or unspecified 40.41 Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage	401.1	Essential hypertension, benign	ICD-9-CM Diagnosis
Mallgamat hypertensive heart disease with theart failure 2019 Bergin hypertensive heart disease with heart failure 3021 Bergin hypertensive heart disease with heart failure 3021 Bergin hypertensive heart disease with heart failure 3022 Bergin hypertensive heart disease with heart failure 3023 Hypertensive heart disease with heart failure 3024 Hypertensive heart disease with heart failure 3024 Hypertensive chronic kidney disease, unspecified, with heart failure 3030 Hypertensive chronic kidney disease, palignant, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive chronic kidney disease, unsignant, with chronic kidney disease stage I through stage IV, or unspecified 30310 Hypertensive heart and chronic kidney disease, unsignant, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, unsignant, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, unspecified 30310 Hypertensive heart and chronic kidney disease, unspecified, with heart failure	401.9	Unspecified essential hypertension	ICD-9-CM Diagnosis
8enigen hypertensive heard disease without heart failure 40.21 8enigen hypertensive heart disease without heart failure 40.29 1 Hypertensive heart disease without heart failure 40.29 1 Hypertensive heart disease without heart failure 40.20 1 Hypertensive heart disease, unspecified, with heart failure 40.20 1 Hypertensive heart disease, unspecified, with heart failure 40.20 1 Hypertensive heart disease, unspecified, with heart failure 40.20 1 Hypertensive heart disease, unspecified, with heart failure 40.20 1 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage by or end stage renal disease 40.21 1 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage by or end stage renal disease 40.21 1 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage by or end stage renal disease 40.22 1 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage by or end stage renal disease 40.24 1 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage by the hypertensive heart and chronic kidney disease,	402.00	Malignant hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
402.10 Engish phypertensive heart disease with heart failure 402.90 Unspecified hypertensive heart disease without heart failure 402.91 Hypertensive heart disease, unspecified, with heart failure 402.91 Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified 403.01 Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified 403.10 Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified 403.11 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified 403.91 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified 403.91 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage IV, or unspecified 404.01 through stage IV, or unspecified 405.01 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, heigh, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, heigh, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, heigh, without heart failure and with chronic kidney disease stage I hypertensive heart and chronic kidney disease, heigh, without heart failure and with chronic kidney disease stage I hypertensive heart and supposition of hypertensive heart and supposition of hypertensive heart and supposition of hypertensive h	402.01	Malignant hypertensive heart disease with heart failure	ICD-9-CM Diagnosis
Unspecified hypertensive heart disease without heart failure   ICD 9.CM Diagnosis   Hypertensive heart disease, unspecified, with heart failure   ICD 9.CM Diagnosis   Hypertensive heart disease, unspecified, with heart failure   ICD 9.CM Diagnosis   Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease   ICD 9.CM Diagnosis   Hypertensive chronic kidney diseases, benign, with chronic kidney diseases stage V or end stage renal disease   ICD 9.CM Diagnosis   Hypertensive chronic kidney diseases, benign, with chronic kidney diseases stage V or end stage renal disease   ICD 9.CM Diagnosis   ICD 9.CM	402.10	Benign hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
Hypertensive chronic kidney disease, unspecified, with heart failure   LO-9 CM Diagnosis   Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, benigh, with chronic kidney diseases tage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, benigh, with chronic kidney diseases tage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, benigh, with chronic kidney diseases tage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, unspecified, with chronic kidney diseases tage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, unspecified, with chronic kidney diseases tage I brough stage IV, or unspecified   LO-9 CM Diagnosis   Hypertensive chronic kidney diseases, malignant, without heart failure and with chronic kidney diseases stage I brough stage IV, or unspecified   Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney diseases stage I brough stage IV, or unspecified   Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I brough stage IV, or unspecified   Lo-9 CM Diagnosis   LO-9 CM Diagn	402.11	Benign hypertensive heart disease with heart failure	ICD-9-CM Diagnosis
Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified ICD-9CM Diagnosis Hypertensive chronic kidney disease, unspecified, with chronic kidney diseases stage I through stage IV, or unspecified ICD-9CM Diagnosis Hypertensive chronic kidney disease, benign, with chronic kidney diseases stage I through stage IV, or unspecified ICD-9CM Diagnosis Hypertensive chronic kidney disease, unspecified, with chronic kidney diseases stage I through stage IV, or unspecified ICD-9CM Diagnosis Hypertensive chronic kidney disease, unspecified, with chronic kidney diseases stage I through stage IV, or unspecified ICD-9CM Diagnosis ICD-9CM Diagno	402.90	Unspecified hypertensive heart disease without heart failure	ICD-9-CM Diagnosis
49.3.1 Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I vor end stage renal disease 49.3.1 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I vor unspecified 49.3.1 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I vor unspecified 49.3.2 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I vor unspecified 49.3.4 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I vor unspecified 49.4.0 trough stage I vor unspecified 49.4.0 trough stage I vor unspecified 49.4.1 trough stage I vor unspecified 49.4.1 trough stage I vor unspecified 49.4.2 or end stage renal disease 49.4.2 trough stage I vor unspecified 49.4.2 trough stage I vor unspecified 49.4.3 end stage renal disease 49.4.4.1 trough stage I vor unspecified 49.4.1 trough stage I vor unspecified 49.4.2 trough stage I vor unspecified 49.4.3 trage renal disease 49.4.4.4 trough stage I vor unspecified 49.4.4 trough stage I vor unspecified 49.4.5 trough stage I vor unspecified 49.4.6 trough stage I vor unspecified 49.4.6 trough stage I vor unspecified 49.4.6 trough stage I vor unspecified 49.4.7 trough stage I vor unspecified 49.4.8 trough stage I vor unspecified 49.4.9 trough stage I vor unspecified 49.4.9 trough stage I vor unspecified 49.4.1 trough stage I vor unspec	402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-9-CM Diagnosis
Hypertensive chronic kidney disease, benign, with chronic kidney diseases stage 1 knowy in specified (CD 9 CM Diagnosis (CD 9	403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
49.3.1 Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease 49.3.9 Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified 49.3.1 Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified 40.0 through stage IV, or unspecified 40.1 through stage IV, or unspecified 40.2 or end stage renal disease 40.4 through stage IV, or unspecified 40.4 through stag	403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease (CD-9 CM Diagnosis Hypertensive chronic kidney diseases tage)   Very preferensive chronic kidney diseases, malignant, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney diseases stage   Very preferensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney diseases stage   Very preferensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney diseases stage   Very preferensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage   Very preferensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage   Very prefer	403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified	_
Hypertensive herat and chronic kidney disease, unspecified Hypertensive herat and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I Hypertensive herat and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I Hypertensive herat and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I Hypertensive heart and chronic kidney disease, unspecified, with heart failure	403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I  404.01 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I  404.02 or end stage renal disease Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V  404.03 end stage renal disease Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or  404.03 end stage renal disease Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I  404.10 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I  404.11 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I  404.12 end stage renal disease Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I  404.12 end stage renal disease Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I  404.11 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I  404.91 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I  404.92 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I  404.91 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I  405.91 Secondary renovascular hypertension, un	403.90	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM Diagnosis
Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I  404.01 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I  404.02 or end stage renal disease Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I  404.03 end stage renal disease Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I  404.10 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I  404.11 through stage IV, or unspecified Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I whore the stage I will be stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I wholly stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I wholly stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I wholly stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I wholly stage IV, or unspecified Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I wholly stage IV, or end stage renal disease Hypertensive heart and chron	403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM Diagnosis
Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I   CD-9-CM Diagnosis   Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage I   CD-9-CM Diagnosis   CD-9-CM Diagnosis   CD-9-CM Diagnosis   CD-9-CM Diagnosis   CD-9-CM Diagnosis   CD		Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I	
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I11.9Hypertensive heart disease without heart failureICD-10-CM DiagnosisI11.0Hypertensive heart disease with heart failureICD-10-CM DiagnosisI12.9Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidneyICD-10-CM DiagnosisI12.0Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal diseaseICD-10-CM DiagnosisHypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidneyICD-10-CM DiagnosisI13.10disease, or unspecified chronic kidney diseaseICD-10-CM DiagnosisHypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, orICD-10-CM DiagnosisI13.0unspecified chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stageICD-10-CM DiagnosisI13.11Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stageICD-10-CM DiagnosisI13.2Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stageICD-10-CM DiagnosisI15.0Renovascular hypertensionICD-10-CM Diagnosis	I10	Essential (primary) hypertension	ICD-10-CM Diagnosis
Hypertensive heart disease with heart failure  Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney  Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease  Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney  Hypertensive heart and chronic kidney disease  Hypertensive heart and chronic kidney disease  Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or  UCD-10-CM Diagnosis  Hypertensive heart and chronic kidney disease  Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failu			
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney  Hypertensive heart and chronic kidney disease Hypertensive heart and chronic kidney disease Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or  Hypertensive heart and chronic kidney disease Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease without heart failure and with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage Renovascular hypertension  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage Renovascular hypertension  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage Renovascular hypertension  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage Renovascular hypertension		71	<del>-</del>
Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney  disease, or unspecified chronic kidney disease Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or  unspecified chronic kidney disease Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage CD-10-CM Diagnosis Renovascular hypertension  ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis		<i></i>	<del>-</del>
Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney  disease, or unspecified chronic kidney disease Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or  unspecified chronic kidney disease Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage ICD-10-CM Diagnosis Renovascular hypertension  ICD-10-CM Diagnosis			<del>-</del>
Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease  Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  ICD-10-CM Diagnosis  ICD-10-CM Diagnosis  ICD-10-CM Diagnosis  ICD-10-CM Diagnosis	112.0	· · · · · · · · · · · · · · · · · · ·	ICD-TO-CIAI DIABUORIZ
Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or  113.0 unspecified chronic kidney disease  113.11 Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage  113.2 Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage  115.0 Renovascular hypertension  115.0 ICD-10-CM Diagnosis  115.0 ICD-10-CM Diagnosis  115.0 ICD-10-CM Diagnosis	112 10		ICD 10 CM Diagrania
I13.0unspecified chronic kidney diseaseICD-10-CM DiagnosisI13.11Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stageICD-10-CM DiagnosisI13.2Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stageICD-10-CM DiagnosisI15.0Renovascular hypertensionICD-10-CM Diagnosis	113.10		ICD-TO-CIVI DIABLOSIS
Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage ICD-10-CM Diagnosis Renovascular hypertension ICD-10-CM Diagnosis	112.0		ICD 10 CM Diagrandia
Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage Renovascular hypertension  ICD-10-CM Diagnosis			<del>-</del>
I15.0 Renovascular hypertension ICD-10-CM Diagnosis			<del>-</del>
		, , , , , , , , , , , , , , , , , , , ,	_
125.0 Other Secondary hypertension ICD-10-CM Diagnosis		••	
	113.0	Other secondary hypertension	ירים-TO-CIAI DIARUOSI2



Code	Description	Code Type
N26.2	Page kidney	ICD-10-CM Diagnosis
115.1	Hypertension secondary to other renal disorders	ICD-10-CM Diagnosis
115.2	Hypertension secondary to endocrine disorders	ICD-10-CM Diagnosis
115.9	Secondary hypertension, unspecified	ICD-10-CM Diagnosis
116.0	Hypertensive urgency	ICD-10-CM Diagnosis
116.1	Hypertensive emergency	ICD-10-CM Diagnosis



# Appendix E. List of Codes Used to Define Diabetes, Algorithm

Code	Description	Code Type
250	Diabetes mellitus	ICD-9-CM Diagnosis
250.0	Diabetes mellitus without mention of complication	ICD-9-CM Diagnosis
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.01	Diabetes mellitus without mention of complication, type   [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.1	Diabetes with ketoacidosis	ICD-9-CM Diagnosis
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.2	Diabetes with hyperosmolarity	ICD-9-CM Diagnosis
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.3	Diabetes with other coma	ICD-9-CM Diagnosis
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.4	Diabetes with renal manifestations	ICD-9-CM Diagnosis
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.5	Diabetes with ophthalmic manifestations	ICD-9-CM Diagnosis
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.6	Diabetes with neurological manifestations	ICD-9-CM Diagnosis
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.62 250.63	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis ICD-9-CM Diagnosis
250.05	Diabetes with peripheral circulatory disorders	ICD-9-CM Diagnosis
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.8	Diabetes with other specified manifestations	ICD-9-CM Diagnosis
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.9	Diabetes with unspecified complication	ICD-9-CM Diagnosis
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
E10.1	Type 1 diabetes mellitus with ketoacidosis	ICD-10-CM Diagnosis
E10.2	Type 1 diabetes mellitus with kidney complications	ICD-10-CM Diagnosis
E10.3	Type 1 diabetes mellitus with ophthalmic complications	ICD-10-CM Diagnosis
E10.4	Type 1 diabetes mellitus with neurological complications	ICD-10-CM Diagnosis
E10.5	Type 1 diabetes mellitus with circulatory complications	ICD-10-CM Diagnosis
E10.6	Type 1 diabetes mellitus with other specified complications	ICD-10-CM Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM Diagnosis
E11.0	Type 2 diabetes mellitus with hyperosmolarity	ICD-10-CM Diagnosis
E11.2	Type 2 diabetes mellitus with kidney complications	ICD-10-CM Diagnosis



# Appendix E. List of Codes Used to Define Diabetes, Algorithm

Code	Description	Code Type
E11.3	Type 2 diabetes mellitus with ophthalmic complications	ICD-10-CM Diagnosis
E11.4	Type 2 diabetes mellitus with neurological complications	ICD-10-CM Diagnosis
E11.5	Type 2 diabetes mellitus with circulatory complications	ICD-10-CM Diagnosis
E11.6	Type 2 diabetes mellitus with other specified complications	ICD-10-CM Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM Diagnosis
E13.0	Other specified diabetes mellitus with hyperosmolarity	ICD-10-CM Diagnosis
E13.1	Other specified diabetes mellitus with ketoacidosis	ICD-10-CM Diagnosis
E13.2	Other specified diabetes mellitus with kidney complications	ICD-10-CM Diagnosis
E13.3	Other specified diabetes mellitus with ophthalmic complications	ICD-10-CM Diagnosis
E13.4	Other specified diabetes mellitus with neurological complications	ICD-10-CM Diagnosis
E13.5	Other specified diabetes mellitus with circulatory complications	ICD-10-CM Diagnosis
E13.6	Other specified diabetes mellitus with other specified complications	ICD-10-CM Diagnosis
E13.8	Other specified diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E13.9	Other specified diabetes mellitus without complications	ICD-10-CM Diagnosis



# Appendix F. List of Codes Used to Define Diabetes, Simple Forward Mapping (SFM)

Code	Description	Code Type
250	Diabetes mellitus	ICD-9-CM Diagnosis
250.0	Diabetes mellitus without mention of complication	ICD-9-CM Diagnosis
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
50.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.1	Diabetes with ketoacidosis	ICD-9-CM Diagnosis
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.2	Diabetes with hyperosmolarity	ICD-9-CM Diagnosis
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.3	Diabetes with other coma	ICD-9-CM Diagnosis
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.4	Diabetes with renal manifestations	ICD-9-CM Diagnosis
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
50.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
50.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
50.5	Diabetes with ophthalmic manifestations	ICD-9-CM Diagnosis
50.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
50.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
50.52 50.53	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis ICD-9-CM Diagnosis
50.6	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled  Diabetes with neurological manifestations	ICD-9-CM Diagnosis
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.61	Diabetes with neurological manifestations, type if of dispetined type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.63	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
250.7	Diabetes with peripheral circulatory disorders	ICD-9-CM Diagnosis
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
50.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
50.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
50.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
50.8	Diabetes with other specified manifestations	ICD-9-CM Diagnosis
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
50.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
50.9	Diabetes with unspecified complication	ICD-9-CM Diagnosis
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
50.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
50.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
11.9	Type 2 diabetes mellitus without complications	ICD-10-CM Diagnosis
10.9	Type 1 diabetes mellitus without complications	ICD-10-CM Diagnosis
11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM Diagnosis
10.65	Type 1 diabetes mellitus with hyperglycemia	ICD-10-CM Diagnosis
11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM Diagnosis
13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM Diagnosis
10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM Diagnosis
11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM Diagnosis
11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	ICD-10-CM Diagnosis
10.69	Type 1 diabetes mellitus with other specified complication	ICD-10-CM Diagnosis
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma  Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM Diagnosis ICD-10-CM Diagnosis
E10.11		



# Appendix F. List of Codes Used to Define Diabetes, Simple Forward Mapping (SFM)

Code	Description	Code Type
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM Diagnosis
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM Diagnosis
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM Diagnosis
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM Diagnosis
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis



### Appendix G. List of Codes Used to Define Diabetes, Simple Forward Mapping (SFM) with Clusters

Dubetes mellitals  Dubetes with keracidotosis  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with keracidotosis, type il or unspecified type, most stated as uncontrolled  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with hyperosonidants, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type, uncarriodot  Dubetes with orthor coma, type il or unspecified type,	Code	Description	Code Type
Daibetes mellitus without mention of complication, ype II pure lively, not stated as uncontrolled  CO 9 CM Disgrossis  Daibetes mellitus without mention of complication, ype II pure lively pure, not stated as uncontrolled  CO 9-CM Disgrossis  Daibetes mellitus without mention of complication, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with letacacidosis  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  CO 9-CM Disgrossis  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II or unspecified type, not stated as uncontrolled  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II or unspecified ype, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with n	250	Diabetes mellitus	ICD-9-CM Diagnosis
Daibetes mellitus without mention of complication, ype II pure lively, not stated as uncontrolled  CO 9 CM Disgrossis  Daibetes mellitus without mention of complication, ype II pure lively pure, not stated as uncontrolled  CO 9-CM Disgrossis  Daibetes mellitus without mention of complication, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with letacacidosis  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  CO 9-CM Disgrossis  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II or unspecified type, not stated as uncontrolled  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with betacacidosis, ype II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II or unspecified ype, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  CO 9-CM Disgrossis  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with hypercomolethy, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with noter coma, type II pure lively pure, uncontrolled  Daibetes with n	250.0	Diabetes mellitus without mention of complication	_
250.03   Diabetes mellitus without mention of complication, yet pl used type, uncontrolled   CD-9-CM Diagnosis   CD-9-CM Dia	250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	<del>-</del>
20.013   Diabetes: mellitus without mention of complication, type I (jiuvenile type), uncontrolled   CD-9CM Diagnosis	250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
29.0.1 Diabetes with ketocaldosis, type II or unspecified type, not stated as uncontrolled (D-P-CM Diagnosis 29.0.11 Diabetes with ketocaldosis, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.12 Diabetes with ketocaldosis, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.12 Diabetes with ketocaldosis, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with hypersomolarity, type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II or unspecified type, uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with other coma. Type II (Durentle type), uncontrolled (D-P-CM Diagnosis 29.0.2 Diabetes with orthorial unstate 29.0.2 Diabetes with unstall unstate 29.0.2 Diabetes with unstall unstate 29.0.2 Diabetes with unstall 29.0.2 Diabetes with un	250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
25.0.1   Diabetes with ketocacidosis, type   Il privent   top-   not stated as uncontrolled   (C.9 - CM Diagnosis   C.9 - CM Diagnosi	250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
25.0.1.2         Diabetes with ketoacidosis, type if juvenied type, in ot stated as uncontrolled         ICD-9 CM Diagnosis           25.0.3.2         Diabetes with ketoacidosis, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.2.2         Diabetes with hypercomolistry         ICD-9 CM Diagnosis           25.0.2.2         Diabetes with hypercomolistry, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.2.1         Diabetes with hypercomolistry, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.2.2.2         Diabetes with hypercomolistry, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.2.3.2         Diabetes with hypercomolistry, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.3.3         Diabetes with other coma, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.3.1         Diabetes with other coma, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.3.2         Diabetes with other coma, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.4.1         Diabetes with other coma, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.4.1         Diabetes with other coma, type if juvenied type, uncontrolled         ICD-9 CM Diagnosis           25.0.4.1         Diabetes with other coma, type if juvenied type, uncontrolled <td>250.1</td> <td>Diabetes with ketoacidosis</td> <td>ICD-9-CM Diagnosis</td>	250.1	Diabetes with ketoacidosis	ICD-9-CM Diagnosis
250.12   Diabetes with tetoacidosis, type III jurnelly type, uncontrolled   CD-9-CM Diagnosis   CD-9-CM	250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
28.01.3.         Diabetes with bytercomolotry         (CD-9-CM Diagnosis           28.02.         Diabetes with hypercomolotry         (CD-9-CM Diagnosis           28.02.0.         Diabetes with hypercomolotry, type II or unspecified type, uncontrolled         (CD-9-CM Diagnosis           28.02.1.         Diabetes with hypercomolotry, type II or unspecified type, uncontrolled         (CD-9-CM Diagnosis           28.02.2.         Diabetes with hypercomolotry, type II or unspecified type, uncontrolled         (CD-9-CM Diagnosis           28.02.3.         Diabetes with thore coma.         (CD-9-CM Diagnosis           28.03.1.         Diabetes with other coma. Type II (juvenile type), uncontrolled         (CD-9-CM Diagnosis           28.03.2.         Diabetes with other coma. Type II (juvenile type), uncontrolled         (CD-9-CM Diagnosis           28.03.2.         Diabetes with other coma. Type II (juvenile type), uncontrolled         (CD-9-CM Diagnosis           28.03.2.         Diabetes with other coma. Type II (juvenile type), uncontrolled         (CD-9-CM Diagnosis           28.03.4.         Diabetes with trenal manifectations, Type II or unspecified type, uncontrolled         (CD-9-CM Diagnosis           28.04.4.         Diabetes with renal manifectations, Type II (juvenile type), not stated as uncontrolled         (CD-9-CM Diagnosis           28.04.1.         Diabetes with porthalmic manifectations, Type II (juvenile type), not stated as uncontrolled	250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
250.2 Diabetes with hypercamolarity yell or unspecified type, not stated as uncontrolled (CD-9-CM Diagnosis 250.21 Diabetes with hypercamolarity, type II or unspecified yee, not stated as uncontrolled (CD-9-CM Diagnosis 250.22 Diabetes with hypercamolarity, type II or unspecified yee, uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with hypercamolarity, type II or unspecified yee, uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with hypercamolarity, type II or unspecified yee, uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with other coma. Type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with other coma. Type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with other coma. Type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.23 Diabetes with other coma. Type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with other coma. Type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with there are manifestations, type II or unspecified type, uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with renal manifestations, type II or unspecified type, uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with renal manifestations, type II or unspecified type, uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with renal manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with renal manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.24 Diabetes with renal manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.25 Diabetes with ophthalinic manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.25 Diabetes with ophthalinic manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.25 Diabetes with popthalinic manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.25 Diabetes with popthalinic manifestations, type II juvenile type], uncontrolled (CD-9-CM Diagnosis 250.25 Diabetes with popthalinic manifestations, type	250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
20.2.1 Diabetes with hypercomolarity, ype II or unspecified type, not stated as uncontrolled CD-9-CM Diagnosis CD-9-CM D	250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
29.01. Diabetes with hyperosmolarity, ype II privenile type], not stated as uncontrolled CD-9-CM Diagnosis CD-9-CM Diagn	250.2	Diabetes with hyperosmolarity	ICD-9-CM Diagnosis
250.22   Diabetes with typercomolarity, type II or unspecified type, uncontrolled   CD-9-CM Diagnosis	250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
250.3 Diabetes with hyperosmolarity, hype I [juvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.30 Diabetes with other coma, type II or unspecified type, not stated as uncontrolled ICD-9cM Diagnosis 250.31 Diabetes with other coma, type II or unspecified type, uncontrolled ICD-9cM Diagnosis 250.32 Diabetes with other coma, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 250.33 Diabetes with other coma, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 250.30 Diabetes with other coma, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.40 Diabetes with renal manifestations, type II giuvenile type], not stated as uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.41 Diabetes with renal manifestations, type II giuvenile type], not stated as uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.42 Diabetes with renal manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.52 Diabetes with ophthalmic manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.52 Diabetes with ophthalmic manifestations, type II giuvenile type], ont stated as uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.52 Diabetes with ophthalmic manifestations, type II giuvenile type], ont stated as uncontrolled ICD-9cM Diagnosis 250.52 Diabetes with ophthalmic manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.52 Diabetes with ophthalmic manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.60 Diabetes with ophthalmic manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.61 Diabetes with eurological manifestations, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.61 Diabetes with peripheral circulatory disorders, type II giuvenile type], uncontrolled ICD-9cM Diagnosis 1CD-9cM Diagnosis 250.62 Diabetes with peripheral circulatory disorders, type II giuvenile type]		Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
25.03         Diabetes with other coma, type II or unspecified type, not stated as uncontrolled         ICD-9CM Diagnosis           25.03.1         Diabetes with to other coma, type II juvenile type, not stated as uncontrolled         ICD-9CM Diagnosis           25.03.2         Diabetes with thore coma, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.03.2         Diabetes with other coma, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.04.0         Diabetes with renal manifestations, type II juvenile type, not stated as uncontrolled         ICD-9CM Diagnosis           25.04.1         Diabetes with renal manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.04.2         Diabetes with renal manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.04.2         Diabetes with ophthalmic manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.05.5         Diabetes with ophthalmic manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.05.5         Diabetes with ophthalmic manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.05.5         Diabetes with ophthalmic manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis           25.05.6         Diabetes with ophthalmic manifestations, type II juvenile type, uncontrolled         ICD-9CM Diagnosis		Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
29.3.1 Diabetes with other coma, type II or unspecified type, not stated as uncontrolled 29.3.2 Diabetes with other coma, type II or unspecified type, uncontrolled 29.3.3 Diabetes with other coma, type II or unspecified type, uncontrolled 29.3.3 Diabetes with other coma, type II or unspecified type, uncontrolled 29.3.4 Diabetes with real manifestations, type II or unspecified type, not stated as uncontrolled 29.3.4 Diabetes with real manifestations, type II or unspecified type, not stated as uncontrolled 29.3.4 Diabetes with real manifestations, type II or unspecified type, not stated as uncontrolled 29.3.4 Diabetes with real manifestations, type II or unspecified type, uncontrolled 29.3.4 Diabetes with real manifestations, type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations (type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.5 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.6 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.6 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.6 Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled 29.3.6 Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled 29.3.6 Diabetes with neurological manifestations, type II or unspecified type, uncontrolled 29.3.6 Diabetes with theory open type type type type type type type type		Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
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250.41         Diabetes with renal manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.42         Diabetes with renal manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.53         Diabetes with ophthalmic manifestations         ICD-9-CM Diagnosis           250.50         Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled         ICD-9-CM Diagnosis           250.51         Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.52         Diabetes with ophthalmic manifestations, type II guvenile type, uncontrolled         ICD-9-CM Diagnosis           250.53         Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.60         Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled         ICD-9-CM Diagnosis           250.61         Diabetes with neurological manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.62         Diabetes with neurological manifestations, type II or unspecified type, uncontrolled         ICD-9-CM Diagnosis           250.72         Diabetes with peripheral circulatory disorders, type II juvenile type, uncontrolled         ICD-9-CM Diagnosis           250.72         Diabetes with peripheral circulatory disorders, type I			<del>_</del>
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Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled ICD-9-CM Diagnosis Diabetes with unspecified complication, type II or unspecified type, uncontrolled ICD-9-CM Diagnosis Diabetes with unspecified complication, type I [juvenile type], uncontrolled ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-10-CM Diagnosis I	250.9	Diabetes with unspecified complication	ICD-9-CM Diagnosis
Diabetes with unspecified complication, type II or unspecified type, uncontrolled  Diabetes with unspecified complication, type I [juvenile type], uncontrolled  Type 2 diabetes mellitus without complications  E11.9 Type 1 diabetes mellitus without complications  E10.9 Type 1 diabetes mellitus without complications  E11.65 Type 2 diabetes mellitus with hyperglycemia  E11.65 Type 1 diabetes mellitus with hyperglycemia  E10.65 Type 1 diabetes mellitus with hyperglycemia  E11.69 Type 2 diabetes mellitus with other specified complication  E13.10 Other specified diabetes mellitus with ketoacidosis without coma  E10.10 Type 1 diabetes mellitus with ketoacidosis without coma  E11.00 Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)  E11.01 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.02 Type 1 diabetes mellitus with hyperosmolarity with coma  E11.04 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.05 Type 1 diabetes mellitus with hyperosmolarity with coma  E11.06 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.07 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.09 Type 1 diabetes mellitus with hyperosmolarity with coma  E11.09 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.09 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.09 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.09 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.00 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.00 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.01 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.02 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.03 Type 2 diabetes mellitus with hyperosmolarity with coma  E11.04 Type 2 diabetes mellitus with hyperosmolarity with coma	250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis
Diabetes with unspecified complication, type I [juvenile type], uncontrolled  F11.9 Type 2 diabetes mellitus without complications  F10.9 Type 1 diabetes mellitus without complications  F11.65 Type 2 diabetes mellitus with hyperglycemia  F11.65 Type 1 diabetes mellitus with hyperglycemia  F10.65 Type 2 diabetes mellitus with hyperglycemia  F11.69 Type 2 diabetes mellitus with other specified complication  F11.69 Type 2 diabetes mellitus with ketoacidosis without coma  F11.60 Type 1 diabetes mellitus with ketoacidosis without coma  F11.60 Type 1 diabetes mellitus with ketoacidosis without coma  F11.60 Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)  F11.60 Type 2 diabetes mellitus with hyperosmolarity with coma  F11.61 Type 2 diabetes mellitus with other specified complication  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma  F11.64 Type 2 diabetes mellitus with hypoglycemia with coma	250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis
E11.9Type 2 diabetes mellitus without complicationsICD-10-CM DiagnosisE10.9Type 1 diabetes mellitus without complicationsICD-10-CM DiagnosisE11.65Type 2 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE10.65Type 1 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE11.69Type 2 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis	250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis
E10.9Type 1 diabetes mellitus without complicationsICD-10-CM DiagnosisE11.65Type 2 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE10.65Type 1 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE11.69Type 2 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis	250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis
E11.65Type 2 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE10.65Type 1 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE11.69Type 2 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis	E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM Diagnosis
E10.65Type 1 diabetes mellitus with hyperglycemiaICD-10-CM DiagnosisE11.69Type 2 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis	E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM Diagnosis
E11.69Type 2 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis	E11.65	**	•
E13.10Other specified diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis			=
E10.10Type 1 diabetes mellitus with ketoacidosis without comaICD-10-CM DiagnosisE11.00Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)ICD-10-CM DiagnosisE11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis			_
Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)  Type 2 diabetes mellitus with hyperosmolarity with coma  ICD-10-CM Diagnosis		·	=
E11.01Type 2 diabetes mellitus with hyperosmolarity with comaICD-10-CM DiagnosisE10.69Type 1 diabetes mellitus with other specified complicationICD-10-CM DiagnosisE11.641Type 2 diabetes mellitus with hypoglycemia with comaICD-10-CM Diagnosis			<del>-</del>
E10.69 Type 1 diabetes mellitus with other specified complication ICD-10-CM Diagnosis E11.641 Type 2 diabetes mellitus with hypoglycemia with coma ICD-10-CM Diagnosis			=
E11.641 Type 2 diabetes mellitus with hypoglycemia with coma ICD-10-CM Diagnosis			<del>-</del>
			=
ELU.11 Type 1 diabetes mellitus with Ketoacidosis with coma ICD-10-CM Diagnosis			<del>-</del>
	£10.11	Type 1 diabetes meilitus with ketoacidosis with coma	ICD-10-CM Diagnosis



### Appendix G. List of Codes Used to Define Diabetes, Simple Forward Mapping (SFM) with Clusters

Code	Description	Code Type
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	
AND	AND	ICD-10-CM Diagnosis
E11.65	Type 2 diabetes mellitus with hyperglycemia	
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	
AND	AND	ICD-10-CM Diagnosis
E10.65	Type 1 diabetes mellitus with hyperglycemia	
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM Diagnosis
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM Diagnosis
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM Diagnosis
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis





ICD-9-CM Code	ICD-9-CM Code Description	ICD-10-CM Code	Flag	ICD-10-CM Description	Mapping	Summarized Mapping	Summarized Mapping Omitting duplicates from AND scenarios
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	E11.9	10000	Type 2 diabetes mellitus without complications	250.00 = E11.9		
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	E10.9	10000	Type 1 diabetes mellitus without complications	250.01 = E10.9	(250.00 OR 250.01 OR 250.02 OR 250.03 OR 250.10 OR 250.11 OR 250.20 OR	(250.00 OR 250.01 OR 250.02 OR 250.03 OR 250.10 OR 250.11 OR 250.20 OR
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	E11.65	10000	Type 2 diabetes mellitus with hyperglycemia	250.02 = E11.65	250.21 OR 250.30 OR 250.31 OR 250.40 OR 250.41 OR 250.50 OR 250.51 OR 250.60	250.21 OR 250.30 OR 250.31 OR 250.40 OR 250.41 OR 250.50 OR 250.51 OR 250.60
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	E10.65	10000	Type 1 diabetes mellitus with hyperglycemia	250.03 = E10.65	OR 250.61 OR 250.70 OR 250.71 OR 250.80 OR 250.81 OR 250.90 OR 250.91)	OR 250.61 OR 250.70 OR 250.71 OR 250.80 OR 250.81 OR 250.90 OR 250.91 OR 250.13 OR
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	E11.69	10000	Type 2 diabetes mellitus with other specified complication	250.10 = E11.69	= = = = = = = = = = = = = = = = = = = =	250.23 OR 250.33 OR 250.53 OR 250.63 OR 250.73 OR 250.83 OR 250.93 OR 250.12 OR 250.22
250.10 250.11	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled  Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	E13.10 E10.10	10000	Other specified diabetes mellitus with ketoacidosis without coma  Type 1 diabetes mellitus with ketoacidosis without coma	250.10 = E13.10 250.11 = E10.10	(E11.9 OR E11.8 OR E10.8 OR E10.9 OR E11.65 OR E10.65 OR E11.69 OR E13.10 OR E10.10 OR E11.00 OR E11.01 OR E10.69 OR E11.641 OR E10.11 OR E10.641 OR	OR 250.32 OR OR 250.52 OR 250.62 OR 250.72 OR 250.82 OR 250.92)
250.11	Diabetes with ketoacidosis, type II (Juvenile type), not stated as uncontrolled  Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	E10.10	10112	Type 2 diabetes mellitus with ketoacidosis without coma  Type 2 diabetes mellitus with hyperglycemia	250.12 = (E13.10 AND E11.65) OR (E11.69 AND E11.65)	E11.29	(E11.9 OR E11.8 OR E10.8 OR E10.9 OR E11.65 OR E10.65 OR E11.69 OR E13.10
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	E11.69	10111	Type 2 diabetes mellitus with other specified complication		OR E10.29 OR E11.311 OR E11.319 OR E11.36 OR E11.39 OR E10.311 OR E10.319 OR	
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	E13.10	10111	Other specified diabetes mellitus with ketoacidosis without coma		E10.36	OR E10.29 OR E11.311 OR E11.319 OR E11.36 OR E11.39 OR E10.311 OR E10.319 OR E10.36
250.13 250.13	Diabetes with ketoacidosis, type I (juvenile type), uncontrolled  Diabetes with ketoacidosis, type I (juvenile type), uncontrolled	E10.10 E10.65	10111	Type 1 diabetes mellitus with ketoacidosis without coma Type 1 diabetes mellitus with hyperglycemia	250.13 = (E10.10 AND E10.65)	OR E10.39 OR E11.40 OR E10.40 OR E11.51 OR E10.51 OR E11.618 OR E11.620 OR E11.621	OR E10.39 OR E11.40 OR E10.40 OR E11.51 OR E10.51 OR E11.618 OR E11.620 OR E11.621 OR E11.622 OR E11.628 OR E11.620 OR E11.629 OR E10.618 OR E10.620 OR
250.13 250.20	Diabetes with ketoacidosis, type I (juvenile type), uncontrolled  Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	E10.65	10112	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHH	C) 250.20 = E11.00	OR E11.622 OR E11.628 OR E11.630 OR E11.638 OR E11.649 OR E10.618 OR E10.620	
230.20	biabetes with hyperosinously, type if of unspecified type, not stated as uncontrolled	211.00	10000	Type 2 diabetes memos was hyperosinously wishout nonaction type gyeenic hyperosinous committees	230.20 - 211.00	OR E10.621	E10.37X1 OR E10.37X2 OR E10.37X3 OR E10.37X9)
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	E11.01	10000	Type 2 diabetes mellitus with hyperosmolarity with coma	250.20 = E11.01	OR E10.622 OR E10.628 OR E10.630 OR E10.638 OR E10.649 OR E11.8 OR E10.8 OR	
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	E10.69	10000	Type 1 diabetes mellitus with other specified complication	250.21 = E10.69	E10.37X1 OR E10.37X2 OR E10.37X3 OR E10.37X9)	OR
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	E11.00	10111	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHH	C) 250.22 = (E11.00 AND E11.65)	OR	250.42 = (E11.21 AND 11.65)
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	E11.65	10112	Type 2 diabetes mellitus with hyperglycemia		OK .	230.42 - (E11.21 AND 11.03)
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	E10.65	10112	Type 1 diabetes mellitus with hyperglycemia	250.23 = (E10.69 AND E10.65)	(250.12 OR 250.22 OR 250.32 OR 250.42 OR 250.52 OR 250.62 OR 250.72 OR 250.82 OR	OR OR
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	E10.69	10111	Type 1 diabetes mellitus with other specified complication		250.92)	
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	E11.641	10000	Type 2 diabetes mellitus with hypoglycemia with coma	250.30 = E11.641	=	250.43 = (E10.21 AND 10.65)
250.31 250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled  Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	E10.11 F10.641	10000	Type 1 diabetes mellitus with ketoacidosis with coma Type 1 diabetes mellitus with hypoglycemia with coma	250.31 = E10.11 250.31 = F10.641	[(E13.10 OR E11.69 OR E11.00 OR E11.01 OR E11.21 OR E11.311 OR E11.319 OR E11.40 OR E11.36 OR E11.39 OR E11.51 OR E11.69 OR E11.8) AND 11.65]	
250.31	Diabetes with other coma, type I juvenile typej, not stated as uncontrolled  Diabetes with other coma, type II or unspecified type, uncontrolled	E10.641	10111	Type 2 diabetes mellitus with hyperosmolarity with coma  Type 2 diabetes mellitus with hyperosmolarity with coma	250.31 = E10.641 250.32 = (E11.01 AND E11.65)	OK E11:30 OK E11:35 OK E11:31 OK E11:05 OK E11:05 AND 11:03)	
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	E11.65	10112	Type 2 diabetes mellitus with hyperglycemia	230.32 - (222.07 ATD 222.03)	OR	
250.33	Diabetes with other coma, type I (juvenile type), uncontrolled	E10.11	10111	Type 1 diabetes mellitus with ketoacidosis with coma	250.33 = (E10.11 AND E10.65)		
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	E10.65	10112	Type 1 diabetes mellitus with hyperglycemia		(250.13 OR 250.23 OR 250.33 OR 250.43 OR 250.53 OR 250.63 OR 250.73 OR 250.83 OF	R
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled  Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	E11.29	10000	Type 2 diabetes mellitus with other diabetic kidney complication  Type 1 diabetes mellitus with other diabetic kidney complication	250.40 = E11.29 250.41 = E10.29	250.93)	
250.41 250.42	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled  Diabetes with renal manifestations, type II or unspecified type, uncontrolled	E10.29 E11.21	10000	Type 1 diabetes mellitus with other diabetic kidney complication  Type 2 diabetes mellitus with diabetic nephropathy	250.41 = E10.29 250.42 = (E11.21 AND E11.65)	= [(E10.10 OR E10.69 OR E10.11 OR E10.21 OR E10.311 OR E10.40 OR E10.51 OR E10.69	
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled  Diabetes with renal manifestations, type II or unspecified type, uncontrolled	E11.65	10111	Type 2 diabetes mellitus with hyperglycemia	2.00-72 - (C.1.1.21 MND E11.03)	OR E10.8 OR E10.319 OR E10.36 OR E10.39) AND 10.65]	
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	E10.21	10111	Type 1 diabetes mellitus with diabetic nephropathy	250.43 = (E10.21 AND E10.65)		
250.43	Diabetes with renal manifestations, type I (juvenile type), uncontrolled	E10.65	10112	Type 1 diabetes mellitus with hyperglycemia			
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	E11.311	10000	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	250.50 = E11.311 250.50 = E11.319		
250.50 250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	E11.319 E11.36	10000	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema  Type 2 diabetes mellitus with diabetic cataract	250.50 = E11.319 250.50 = E11.36		
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled  Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	E11.39	10000	Type 2 diabetes mellitus with diabetic cataract  Type 2 diabetes mellitus with other diabetic ophthalmic complication	250.50 = E11.36 250.50 = E11.39		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.311	10000	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	250.51 = E10.311		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.319	10000	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	250.51 = 10.319		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.36	10000	Type 1 diabetes mellitus with diabetic cataract	250.51 = E10.36		
250.51 250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.37X1 E10.37X2	10000	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	250.51= E10.37X1 250.51= E10.37X2		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled  Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.37X2	10000	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye  Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	250.51= E10.37X2 250.51= E10.37X3		
250.51	Diabetes with ophthalmic manifestations, type I (juvenile type), not stated as uncontrolled	E10.37X9	10000	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	250.51= E10.37X9		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	E10.39	10000	Type 1 diabetes mellitus with other diabetic ophthalmic complication	250.51 = E10.39		
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled  Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	E11.311	10111	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema  Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	250.52 = (E11.311 AND E11.65) OR (E11.319 AND E11.65) OR (E11.36 AND E11.65) OR (E11.39 AND E11.65)		
250.52 250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled  Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	E11.319 E11.36	10111	Type 2 diabetes mellitus with diabetic cataract	AND E11.05) OR (E11.39 AND E11.05)		
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	E11.39	10111	Type 2 diabetes infellitus with other diabetic ophthalmic complication			
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	E11.65	10112	Type 2 diabetes mellitus with hyperglycemia			
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	E10.311	10111	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	250.53 = (E10.311 AND E10.65) OR (E10.319 AND E10.65) OR (E10.36		
250.53 250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	E10.319 E10.36	10111	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	AND E10.65) OR (E10.39 AND E10.65)		
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled  Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	E10.36 E10.39	10111	Type 1 diabetes mellitus with diabetic cataract Type 1 diabetes mellitus with other diabetic ophthalmic complication			
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	E10.65	10112	Type 1 diabetes mellitus with hyperglycemia			
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	E11.40	10000	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	250.60 = E11.40		
250.61	Diabetes with neurological manifestations, type I (juvenile type), not stated as uncontrolled	E10.40	10000	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	250.61 = E10.40		
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	E11.40	10111	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	250.62 = (E11.40 AND E11.65)		
250.62 250.63	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled  Diabetes with neurological manifestations, type I fluvenile type I, uncontrolled	E11.65 E10.40	10112 10111	Type 2 diabetes mellitus with hyperglycemia  Type 1 diabetes mellitus with diabetic neuropathy, unspecified	250.63 = (E10.40 AND E10.65)		
250.63	Diabetes with neurological manifestations, type I (juvenile type), uncontrolled	E10.65	10111	Type 1 diabetes mellitus with hyperglycemia	230.03 - (220.40 AND 220.03)		
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	E11.51	10000	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	250.70 = E11.51		
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	E10.51	10000	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	250.71 = E10.51		
250.72 250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	E11.51	10111	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	250.72 = (E11.51 AND E11.65)		
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled  Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	E11.65 E10.51	10112	Type 2 diabetes mellitus with hyperglycemia  Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	250.73 = (E10.51 AND E10.65)		
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	E10.65	10111	Type 1 diabetes mellitus with hyperglycemia			
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.618	10000	Type 2 diabetes mellitus with other diabetic arthropathy	250.80 = E11.618		
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.620	10000	Type 2 diabetes mellitus with diabetic dermatitis	250.80 = E11.620		
250.80 250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.621	10000	Type 2 diabetes mellitus with foot ulcer	250.80 = E11.621		
250.80 250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.622 E11.628	10000	Type 2 diabetes mellitus with other skin ulcer  Type 2 diabetes mellitus with other skin complications	250.80 = E11.622 250.80 = E11.628		
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.630	10000	Type 2 diabetes mellitus with periodontal disease	250.80 = E11.630		
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.638	10000	Type 2 diabetes mellitus with other oral complications	250.80 = E11.638		
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.649	10000	Type 2 diabetes mellitus with hypoglycemia without coma	250.80 = E11.649		
250.80 250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	E11.65 E11.69	10000	Type 2 diabetes mellitus with hyperglycemia  Type 2 diabetes mellitus with other specified complication	250.80 = E11.65 250.80 = E11.69		
250.80 250.81	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled  Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E11.69 E10.618	10000	Type 1 diabetes mellitus with other specified complication  Type 1 diabetes mellitus with other diabetic arthropathy	250.80 = £11.69 250.81 = £10.618		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.620	10000	Type 1 diabetes mellitus with diabetic dermatitis	250.81 = E10.620		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.621	10000	Type 1 diabetes mellitus with foot ulcer	250.81 = E10.621		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.622	10000	Type 1 diabetes mellitus with other skin ulcer	250.81 = E10.622		
250.81 250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.628 E10.630	10000	Type 1 diabetes mellitus with other skin complications Type 1 diabetes mellitus with periodontal disease	250.81 = E10.628 250.81 = E10.630		
250.81 250.81	Diabetes with other specified manifestations, type i [juvenile type], not stated as uncontrolled  Diabetes with other specified manifestations, type i [juvenile type], not stated as uncontrolled	E10.630 E10.638	10000	Type 1 diabetes mellitus with other oral complications	250.81 = E10.638 250.81 = E10.638		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.649	10000	Type 1 diabetes mellitus with hypoglycemia without coma	250.81 = E10.649		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.65	10000	Type 1 diabetes mellitus with hyperglycemia	250.81 = E10.65		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	E10.69	10000	Type 1 diabetes mellitus with other specified complication	250.81 = E10.69		
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled  Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	E11.65	10112	Type 2 diabetes mellitus with hyperglycemia  Type 2 diabetes mellitus with other specified complication	250.82 = E11.69 AND E11.65)		
250.82 250.83	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled  Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	E11.69 E10.65	10111	Type 1 diabetes mellitus with other specified complication  Type 1 diabetes mellitus with hyperglycemia	250.83 = (E10.69 AND E10.65)		
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	E10.69	10111	Type 1 diabetes mellitus with other specified complication	(		
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	E11.8	10000	Type 2 diabetes mellitus with unspecified complications	250.90 = E11.8		
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	E10.8	10000	Type 1 diabetes mellitus with unspecified complications	250.91 = E10.8		
250.92 250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	E11.65 E11.8	10112 10111	Type 2 diabetes mellitus with hyperglycemia  Type 2 diabetes mellitus with unspecified complications	250.92 = (E11.8 AND E11.65)		
250.92 250.93	Diabetes with unspecified complication, type II or unspecified type, uncontrolled Diabetes with unspecified complication, type I [juvenile type], uncontrolled	E11.8 E10.65	10111	Type 2 diabetes mellitus with unspecified complications  Type 1 diabetes mellitus with hyperglycemia	250.93 = (E10.8 AND E10.65)		
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	E10.83	10111	Type 1 diabetes mellitus with unspecified complications	, ,		



Code	Description	Code Type		
250	Diabetes mellitus	ICD-9-CM Diagnosis		
250.0	Diabetes mellitus without mention of complication	ICD-9-CM Diagnosis		
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.1	Diabetes with ketoacidosis	ICD-9-CM Diagnosis		
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.2	Diabetes with hyperosmolarity	ICD-9-CM Diagnosis		
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.3	Diabetes with other coma	ICD-9-CM Diagnosis		
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.4	Diabetes with renal manifestations	ICD-9-CM Diagnosis		
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.5	Diabetes with ophthalmic manifestations	ICD-9-CM Diagnosis		
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.6	Diabetes with neurological manifestations	ICD-9-CM Diagnosis		
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.62 250.63	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis ICD-9-CM Diagnosis		
250.7	Diabetes with peripheral circulatory disorders	ICD-9-CM Diagnosis		
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.8	Diabetes with other specified manifestations	ICD-9-CM Diagnosis		
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
250.9	Diabetes with unspecified complication	ICD-9-CM Diagnosis		
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM Diagnosis		
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM Diagnosis		
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM Diagnosis		
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM Diagnosis		
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM Diagnosis		
E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM Diagnosis		
E11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM Diagnosis		
E10.65	Type 1 diabetes mellitus with hyperglycemia	ICD-10-CM Diagnosis		
E11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM Diagnosis		
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM Diagnosis		
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM Diagnosis		
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM Diagnosis		
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	ICD-10-CM Diagnosis		
E10.69	Type 1 diabetes mellitus with other specified complication	ICD-10-CM Diagnosis		
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	ICD-10-CM Diagnosis		
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM Diagnosis		



Code	Description	Code Type
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM Diagnosis
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E10.37X1	Type $f 1$ diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM Diagnosis
E10.37X2	Type $f 1$ diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM Diagnosis
E10.37X3	Type $f 1$ diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM Diagnosis
E10.37X9	Type $f 1$ diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E10.51	Type $f 1$ diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis
E13.9	Other specified diabetes mellitus without complications	ICD-10-CM Diagnosis
E13.00		
	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM Diagnosis
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	ICD-10-CM Diagnosis
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	ICD-10-CM Diagnosis
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	ICD-10-CM Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM Diagnosis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM Diagnosis
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM Diagnosis
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E11.3299		
	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis



Code	Description	Code Type
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD 10 CM Diagnosis
E11.3411		ICD-10-CM Diagnosis ICD-10-CM Diagnosis
E11.3412		ICD-10-CM Diagnosis
E11.3413		ICD-10-CM Diagnosis
E11.3419		· ·
	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD 10 CM Diagnosis
E11.3511		ICD-10-CM Diagnosis ICD-10-CM Diagnosis
E11.3511		ICD-10-CM Diagnosis
E11.3512		ICD-10-CM Diagnosis
E11.3519	·	ICD-10-CM Diagnosis
E11.3521	Type 2 and electronic mentals and promote and electronic mentals and electronic and electronic electronic and e	102 10 0W 2Wg.1000
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM Diagnosis
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM Diagnosis
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula,	ICD-10-CM Diagnosis
	unspecified eye	ICD-10-CM Diagnosis
E11.3531		ICD-10-CM Diagnosis
E11.3532		ICD-10-CM Diagnosis
E11.3533		ICD-10-CM Diagnosis
E11.3539		ICD-10-CM Diagnosis
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM Diagnosis
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	ICD-10-CIVI Diagnosis
		ICD-10-CM Diagnosis
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	
		ICD-10-CM Diagnosis
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	
		ICD-10-CM Diagnosis
E11.3551		ICD-10-CM Diagnosis
E11.3552		ICD-10-CM Diagnosis
E11.3553		ICD-10-CM Diagnosis
E11.3559		ICD-10-CM Diagnosis
E11.3591		ICD-10-CM Diagnosis
E11.3592		ICD-10-CM Diagnosis
E11.3593		ICD-10-CM Diagnosis
E11.3599 E13.3211	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E13.3212		ICD-10-CM Diagnosis
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis



13.329 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye (IC) 10 CM Diagnosis Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, ingli eye	Code	Description	Code Type
CD-10-CM Diagnosis   CD-10-C	E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
CP-10-CM Diagnosis		Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
CD-10-CM Diagnosis   CD-10-C		Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
CD-10 CM Diagnosis   CD-10 CM Diagnosis   CD-10 CM Diagnosis   CD-10 CM Diagnosis   CD-13 CM Diagnosis   CD-14 C		Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
there specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, light eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, light eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, light eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye (CD-10-CM Diagnosis Plansas)  Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, light eye (CD-10-CM Diagnosis Pla		Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
CD-10-CM Diagnosis		Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
CD-10-CM Diagnosis Plans and Plans pecified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye (CD-10-CM Diagnosis Plans and Pla		Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
Cher specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye  CD-10-CM Diagnosis  Classass  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral  Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye  (CD-10-CM Diagnosis  Classass  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye  (CD-10-CM Diagnosis  Classass  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye  (CD-10-CM Diagnosis  Classass  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye  (CD-10-CM Diagnosis  Classass  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye  Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye  Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, light eye  Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, light eye  Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, light eye  Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, light eye  Other specified diabetes mellitus with prolife		Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
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	E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and	_



Code	Description	Code Type
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and	
	rhegmatogenous retinal detachment, left eye	ICD-10-CM Diagnosis
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and	3
220.00.0	rhegmatogenous retinal detachment, bilateral	ICD-10-CM Diagnosis
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and	102 10 0 2.08.100.0
L13.3343	rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM Diagnosis
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM Diagnosis
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM Diagnosis
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM Diagnosis
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM Diagnosis
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E13.3599	Other specified diabetes membras with promerative diabeter retinopathy without matural eachily, bracerus	TED TO CIVI DIUGNOSIS
L13.3333	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM Diagnosis
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM Diagnosis
E13.36	Other specified diabetes mellitus with diabetic cataract	ICD-10-CM Diagnosis
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM Diagnosis
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM Diagnosis
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM Diagnosis
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM Diagnosis
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM Diagnosis
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM Diagnosis
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM Diagnosis
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E10.3299	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E10.3319		_
	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3391		_
	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E10.3393		
	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E10.3399		
	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E10.3419		
	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E10.3499		-
	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM Diagnosis
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM Diagnosis
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM Diagnosis
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM Diagnosis



Code	Description	Code Type
E10.3521		
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM Diagnosis
E10.3522		
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM Diagnosis
E10.3523		
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM Diagnosis
E10.3529	Type $f 1$ diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula,	
	unspecified eye	ICD-10-CM Diagnosis
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right	
	eye	ICD-10-CM Diagnosis
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left	
	eye	ICD-10-CM Diagnosis
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula,	
	bilateral	ICD-10-CM Diagnosis
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula,	
	unspecified eye	ICD-10-CM Diagnosis
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	5
	retinal detachment, right eye	ICD-10-CM Diagnosis
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	5
	retinal detachment, left eye	ICD-10-CM Diagnosis
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	5
	retinal detachment, bilateral	ICD-10-CM Diagnosis
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous	5
	retinal detachment, unspecified eye	ICD-10-CM Diagnosis
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM Diagnosis
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM Diagnosis
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM Diagnosis
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM Diagnosis
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM Diagnosis
E10.3592	Type $f 1$ diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM Diagnosis



Code	Description	Code Type
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM Diagnosis
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM Diagnosis
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM Diagnosis
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	ICD-10-CM Diagnosis
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	ICD-10-CM Diagnosis
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM Diagnosis
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	ICD-10-CM Diagnosis
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	ICD-10-CM Diagnosis
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM Diagnosis
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM Diagnosis
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM Diagnosis
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM Diagnosis
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	ICD-10-CM Diagnosis
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	ICD-10-CM Diagnosis
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM Diagnosis
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM Diagnosis
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM Diagnosis
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM Diagnosis
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	ICD-10-CM Diagnosis
E10.49	Type $f 1$ diabetes mellitus with other diabetic neurological complication	ICD-10-CM Diagnosis
E10.610	Type $f 1$ diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM Diagnosis
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM Diagnosis
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM Diagnosis
E13.59	Other specified diabetes mellitus with other circulatory complications	ICD-10-CM Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM Diagnosis
E11.59	Type 2 diabetes mellitus with other circulatory complications	ICD-10-CM Diagnosis
E10.52	Type $f 1$ diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM Diagnosis
E10.59	Type 1 diabetes mellitus with other circulatory complications	ICD-10-CM Diagnosis
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	ICD-10-CM Diagnosis
E13.620	Other specified diabetes mellitus with diabetic dermatitis	ICD-10-CM Diagnosis
E13.621	Other specified diabetes mellitus with foot ulcer	ICD-10-CM Diagnosis
E13.622	Other specified diabetes mellitus with other skin ulcer	ICD-10-CM Diagnosis
E13.628	Other specified diabetes mellitus with other skin complications	ICD-10-CM Diagnosis
E13.630	Other specified diabetes mellitus with periodontal disease	ICD-10-CM Diagnosis
E13.638	Other specified diabetes mellitus with other oral complications	ICD-10-CM Diagnosis
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	ICD-10-CM Diagnosis
E13.65	Other specified diabetes mellitus with hyperglycemia	ICD-10-CM Diagnosis
E13.69	Other specified diabetes mellitus with other specified complication	ICD-10-CM Diagnosis
E13.8	Other specified diabetes mellitus with unspecified complications	ICD-10-CM Diagnosis



#### Appendix J. Cohort Identification and Descriptive Analysis Tool (CIDA) Specifications for ICD-10 Level 1 Request Part Two: Hypertenstion

CIDA Specifications for ICD-10 Level 1 Request Part Two: Hypertension

Sentinel's Cohort Identification and Descriptive Analysis (CIDA) tool, version 3.3.2, was used to compare the frequency of diagnoses for a selection of health outcomes using ICD-9 versus ICD-10 codes.

Enrollment Gap: 45 Days

Age Groups: 0-17, 18-49, 50-64, 65+
Enrollment Requirement: 183 Days
Coverage Requirement: Medical Coverage

Event

Scenario	Code Source	Query Start Date	Query End Date	Event	Incident w/ respect to:	Washout (days)	Cohort Definition	Caresetting
1	Algorithm	10/1/2010	Current	Hypertension diagnosis (only ICD-9 code: See Hypertension algorithm code list for 45 codes)	Hypertension diagnosis (ICD-9 code <b>or</b> ICD-10 code: See Hypertension algorithm code list for 64 codes)	183	01	Any
2	SFM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-9: See Hypertension SFM code list for 33 codes)	Hypertension diagnosis (ICD-9 <b>or</b> ICD-10: See Hypertension SFM code list for all 45 codes)	183	01	Any
3	FBM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-9: See Hypertension FBM code list for 33 codes)	Hypertension diagnosis (ICD-9 <b>or</b> ICD-10: See Hypertension FBM code list for all 51 codes)	183	01	Any
4	Algorithm	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10 code: See Hypertension algorithm code list for 19 codes)	Hypertension diagnosis (ICD-9 code <b>or</b> ICD-10 code: See Hypertension algorithm code list for 64 codes)	183	01	Any
5	SFM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension SFM code list for 12 codes)	Hypertension diagnosis (ICD-9 <b>or</b> ICD-10: See Hypertension SFM code list for all 45 codes)	183	01	Any
6	FBM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension FBM code list for 18 codes)	Hypertension diagnosis (ICD-9 <b>or</b> ICD-10: See Hypertension FBM code list for all 51 codes)	183	01	Any
7	Algorithm	1/1/2015	3/31/2015	Hypertension diagnosis (only ICD-9 code: See Hypertension algorithm code list for 45 codes)	Hypertension diagnosis ( <b>only</b> ICD-9 code: See Hypertension algorithm code list for ${\tt 45}$ codes)	90	01	Any
8	SFM and FBM	1/1/2015	3/31/2015	Hypertension diagnosis ( <b>only</b> ICD-9: See Hypertension SFM code list for 33 codes)	Hypertension diagnosis (only ICD-9: See Hypertension SFM code list for 33 codes)	90	01	Any
9	Algorithm	1/1/2016	3/31/2016	Hypertension diagnosis ( <b>only</b> ICD-10 code: See Hypertension algorithm code list for 19 codes)	Hypertension diagnosis ( <b>only</b> ICD-10 code: See Hypertension algorithm code list for 19 codes)	90	01	Any
10	SFM	1/1/2016	3/31/2016	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension SFM code list for 12 codes)	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension SFM code list for 12 codes)	90	01	Any
11	FBM	1/1/2016	3/31/2016	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension FBM code list for 18 codes)	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension FBM code list for 18 codes)	90	01	Any
12	Algorithm	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-9 code: See Hypertension algorithm code list for 45 codes)	NA	0	02	Any
13	SFM and FBM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-9: See Hypertension SFM code list for 33 codes)	NA	0	02	Any
14	Algorithm	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10 code: See Hypertension algorithm code list for 19 codes)	NA	0	02	Any
15	SFM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension SFM code list for 12 codes)	NA	0	02	Any
16	FBM	10/1/2010	Current	Hypertension diagnosis ( <b>only</b> ICD-10: See Hypertension FBM code list for 18 codes)	NA	0	02	Any

#### Appendix K. Cohort Identification and Descriptive Analysis Tool (CIDA) Specifications for ICD-10 Level 1 Request Part Two: Diabetes

#### CIDA Specifications for ICD-10 Level 1 Request Part Two: Diabetes

Sentinel's Cohort Identification and Descriptive Analysis (CIDA) tool, version 3.3.2, was used to compare the frequency of diagnoses for a selection of health outcomes using ICD-9 versus ICD-10 codes.

Enrollment Gap: 45 Days

Coverage Requirement: Medical Coverage

Age Groups: 0-17, 18-49, 50-64, 65+
Enrollment Requirement: 183 Days

Fw.

					Event			
Scenario	Code Source	Query Start Date	Query End Date	Event	Incident w/ respect to:	Washout (days)	Cohort Definition	Caresetting
1	Algorithm	10/1/2010	Current	Diabetes diagnosis (only ICD-9: 250*)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes algorithm code list for 25 codes)	183	01	Any
2	SFM	10/1/2010	Current	Diabetes diagnosis (only ICD-9: 250*)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes SFM code list for 51 codes)	183	01	Any
3	FBM	10/1/2010	Current	Diabetes diagnosis (only ICD-9: 250*)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes FBM code list for 254 codes; no cluster logic)	183	01	Any
4	Algorithm	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes algorithm code list for 25 codes)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes algorithm code list for 25 codes)	183	01	Any
5	SFM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; cluster logic)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes SFM code list for 51 codes)	183	01	Any
6	SFM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; <b>no</b> cluster logic)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes SFM code list for 51 codes)	183	01	Any
7	FBM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes FBM code list for 254 codes; <b>no</b> cluster logic)	Diabetes diagnosis (ICD-9: 250* or ICD-10: See Diabetes FBM code list for 254 codes; no cluster logic)	183	01	Any
8	Algorithm, SFM, and FBM	1/1/2015	3/31/2015	Diabetes diagnosis ( <b>only</b> ICD-9: 250*)	Diabetes diagnosis (only ICD-9: 250*)	90	01	Any
9	Algorithm	1/1/2016	3/31/2016	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes algorithm code list for 25 codes)	Diabetes diagnosis (only ICD-10: See Diabetes algorithm code list for 25 codes)	90	01	Any
10	SFM	1/1/2016	3/31/2016	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; cluster logic)	Diabetes diagnosis (only ICD-10: See Diabetes SFM code list for 51 codes)	90	01	Any
11	SFM	1/1/2016	3/31/2016	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; <b>no</b> cluster logic)	Diabetes diagnosis (only ICD-10: See Diabetes SFM code list for 51 codes)	90	01	Any
12	FBM	1/1/2016	3/31/2016	Diabetes diagnosis (only ICD-10: See Diabetes FBM code list for 254 codes; no cluster logic)	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes FBM code list for 254 codes; <b>no</b> cluster logic)	90	01	Any
13	Algorithm, SFM, and FBM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-9: 250*)	NA	0	02	Any
14	Algorithm	10/1/2010	Current	Diabetes diagnosis (only ICD-10: See Diabetes algorithm code list for 25 codes)	NA	0	02	Any
15	SFM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; cluster logic)	NA	0	02	Any
16	SFM	10/1/2010	Current	Diabetes diagnosis ( <b>only</b> ICD-10: See Diabetes SFM code list for 51 codes; <b>no</b> cluster logic)	NA	0	02	Any
17	FBM	10/1/2010	Current	Diabetes diagnosis (only ICD-10: See Diabetes FBM code list for 254 codes; no cluster logic)	NA	0	02	Any