



Mini-Sentinel Distributed Query Tool

Summary Table Descriptions

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1. Query Tool Overview

The Mini-Sentinel Distributed Query Tool is designed to facilitate distributed querying within the Mini-Sentinel network. The Mini-Sentinel Distributed Query Tool currently supports simple and rapid menu-driven querying of pre-populated summary tables; additional querying capabilities are planned. This document describes the structure of the summary tables that are currently supported by the query tool. The query tool is based on the PopMedNet™ a software application (www.popmednet.org).

Each data partner must install the Mini-Sentinel Distributed Query Tool software, establish a network connection using the Mini-Sentinel Distributed Query Tool secure web-based portal, and use the application to respond to queries sent by FDA staff or the Mini-Sentinel Operations Center. Details of the system are available from the Mini-Sentinel Operations Center and at www.mini-sentinel.org.

2. Summary Table Overview

The query tool currently supports distributed querying of 9 summary tables that represent prevalence counts of enrollment, diagnoses, procedures, and drug utilization. The tables are described below. The summary tables are created through distributed SAS code written by the Mini-Sentinel Operations Center and executed against the Mini-Sentinel Distributed Database held by each data partner. Each data partner is responsible for maintaining the summary tables behind their firewalls and responding to distributed queries using the Mini-Sentinel Distributed Query Tool software.

3. Definitions

This section provides high-level concepts used in creating the summary tables. Details of each summary table are in the next section. Please contact the Mini-Sentinel Operations Center to discuss specific questions about definitions.

Age Group: The system uses the following age groups: 0-1, 2-4, 5-9, 10-14, 15-18, 19-21, 22-44, 45-64, 65-74, and 75+. Age is defined as the age as of the date of first utilization. For the enrollment table, age is defined as age at initial cohort eligibility during the period (e.g., age as of the start of coverage).

Sex: The system uses the following categories for sex: male, female, and unknown. Any individual not captured in male or female is categorized as unknown.

Member: A member is defined as a person who is cared for by the institution. For utilization counts a “member” is a person who received care. For enrollment, a member is a covered individual at any time during the period in question. A “member” is a health insurance concept referring to an individual for whom the insurer has some responsibility for

reimbursement of their medical coverage during a defined period. Non insurer-based settings such as medical group practices should use a definition appropriate to their setting and document the definition.

4. Description of Summary Tables

Each of the 9 summary tables available via the Mini-Sentinel Distributed Query Tool is described below.

I. Enrollment Summary Table

The enrollment table provides a count of unique individuals who are members/patients during the period. The count is stratified by age group, sex, year, drug coverage status and medical coverage status. The counts in the enrollment table should be appropriate for use as denominators to calculate crude prevalence rates and should be defined to allow such calculations.

Table name, variables, and permissible values for the Enrollment table:

Summary table name: Enrollment

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Year: 4 digit year (character format)

DrugCov: 'Y', 'N', 'U' (character format)

MedCov: 'Y', 'N', 'U' (character format)

Members: Numeric value

age_group	Sex	year	MedCov	DrugCov	members
0-1	F	2016	Y	N	110
0-1	F	2016	Y	Y	146
0-1	M	2016	Y	N	121
0-1	M	2016	Y	Y	121
0-1	F	2017	Y	N	89
0-1	F	2017	Y	Y	116
0-1	M	2017	Y	N	102
0-1	M	2017	Y	Y	109
0-1	F	2018	Y	N	67
0-1	F	2018	Y	Y	143
0-1	M	2018	Y	N	81
0-1	M	2018	Y	Y	133
2-4	F	2016	Y	N	131
2-4	F	2016	Y	Y	324
2-4	M	2016	Y	N	113
2-4	M	2016	Y	Y	326
2-4	F	2017	Y	N	99
2-4	F	2017	Y	Y	320
2-4	M	2017	Y	N	117
2-4	M	2017	Y	Y	326
2-4	F	2018	Y	N	87
2-4	F	2018	Y	Y	304
2-4	M	2018	Y	N	97
2-4	M	2018	Y	Y	310
5-9	F	2016	Y	N	171
5-9	F	2016	Y	Y	574
5-9	M	2016	Y	N	161
5-9	M	2016	Y	Y	581
5-9	F	2017	Y	N	145
5-9	F	2017	Y	Y	548

Table 1. Sample of the enrollment table

II. ICD-9 Diagnosis Summary Table (3 digit)

The 3 digit ICD-9 diagnosis table provides a count of unique individuals who had a diagnosis during the period and a count of events experienced within each stratum.

The counts are stratified by setting of visit (inpatient, outpatient, emergency department), age group, sex, year, and 3 digit ICD-9 code. Members are categorized into visit setting by the encounter type: **inpatient** includes acute inpatient hospital stay and non-acute institutional stays; **emergency department** includes emergency department encounters; **outpatient** includes ambulatory visit, telephone encounters, email encounters and other outpatient encounters. The number of members or events can be calculated for each subgroup.

Table name, variables, and permissible values for the 3-digit ICD-9 Diagnosis table:

Summary table name: ICD9_Diagnosis

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Code_: 3 digit code XXX (character format)

DXname: 72 digit character format

Setting: 'IP', 'ED', 'AV' (character format)

Members: Numeric value

Events: Numeric value

Description of the Mini-Sentinel Query Tool Summary Tables

age_group	sex	period	code	dxname	setting	members	events
0-1	F	2016	008	INTESTINAL INI	AV	1	4
0-1	F	2016	009	ILL-DEFINED IN	AV	1	3
0-1	F	2016	034	STREP SORE TH	AV	1	1
0-1	F	2016	038	SEPTICEMIA	AV	1	5
0-1	F	2016	038	SEPTICEMIA	ED	1	1
0-1	F	2016	038	SEPTICEMIA	IP	1	2
0-1	F	2016	052	CHICKENPOX	AV	1	1
0-1	F	2016	057	OTHER VIRAL E	AV	1	7
0-1	F	2016	074	SPECIFIC DZ DU	AV	1	3
0-1	F	2016	078	OTH DISEASES I	AV	1	1
0-1	F	2016	079	VIRAL&CHLAM	AV	1	42
0-1	F	2016	079	VIRAL&CHLAM	ED	1	1
0-1	F	2016	079	VIRAL&CHLAM	IP	1	1
0-1	F	2016	112	CANDIDIASIS	AV	1	14
0-1	F	2016	133	ACARIASIS	AV	1	1
0-1	F	2016	216	BENIGN NEOPL	AV	1	1
0-1	F	2016	228	HEMANGIOMA	AV	1	1
0-1	F	2016	239	NEOPLASMS OI	AV	1	1
0-1	F	2016	243	CONGENITAL H	AV	1	1
0-1	F	2016	244	ACQUIRED HYP	AV	1	1
0-1	F	2016	251	OTH D/O PANC	AV	1	4
0-1	F	2016	254	DISEASES OF TH	AV	1	2
0-1	F	2016	270	D/O AMINO-AC	AV	1	1
0-1	F	2016	276	D/O FL ELECLYT	ED	1	1
0-1	F	2016	276	D/O FL ELECLYT	IP	1	1
0-1	F	2016	285	OTHER AND UN	AV	1	13
0-1	F	2016	285	OTHER AND UN	IP	1	1
0-1	F	2016	289	OTH DISEASES I	AV	1	1
0-1	F	2016	307	SPECIAL SYMPT	AV	1	1

Table 2. Sample of the 3-digit diagnosis table

III. ICD-9 Diagnosis Summary Table (4 digit)

The 4 digit ICD-9 diagnosis table provides a count of unique individuals who had a diagnosis during the period and a count of events experienced within each stratum. The counts are stratified by setting of visit as described above (3-digit diagnosis summary tables).

Table name, variables, and permissible values for the 4 digit ICD-9 Diagnosis table:

Summary table name: ICD9_Diagnosis_4_digit

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Code_: 4 digit code XXXX (character format)

DXname: 72 digit character format

Setting: 'IP', 'ED', 'AV' (character format)

Members: Numeric value

Events: Numeric value

age_group	sex	period	code	dxname	setting	members	events
0-1	F	2016	0080	INTESTINAL INFECTION	AV	1	1
0-1	F	2016	0086	INTESTINAL ENTERIC	IP	1	1
0-1	F	2016	0088	INTESTINAL INFECTION	AV	1	2
0-1	F	2016	0384	SEPTICEMIA DUE TO	IP	1	1
0-1	F	2016	0414	E COLI INFECTION	IP	1	1
0-1	F	2016	0578	OTHER SPECIFIED	AV	1	3
0-1	F	2016	0579	UNSPECIFIED VIRUS	AV	1	3
0-1	F	2016	0740	HERPANGINA	AV	1	1
0-1	F	2016	0743	HAND, FOOT, AND MOUTH	AV	1	3
0-1	F	2016	0779	UNSPECIFIED DYSPLASIA	AV	1	1
0-1	F	2016	0790	ADENOVIRUS INFECTION	AV	1	1
0-1	F	2016	0792	COXSACKIEVIRUS INFECTION	AV	1	2
0-1	F	2016	0796	RESPIRATORY SYNCYTIAL VIRUS	IP	1	1
0-1	F	2016	0798	OTHER VIRUS AND CHLAMYDIA	AV	1	1
0-1	F	2016	0798	OTHER VIRUS AND CHLAMYDIA	IP	1	1
0-1	F	2016	0799	UNSPECIFIED VIRUS AND CHLAMYDIA	AV	1	29
0-1	F	2016	0799	UNSPECIFIED VIRUS AND CHLAMYDIA	ED	1	3
0-1	F	2016	1109	DERMATOPHYTOSIS	AV	1	1
0-1	F	2016	1120	CANDIDIASIS OF ORAL CAVITY	AV	1	4
0-1	F	2016	1123	CANDIDIASIS OF SKIN	AV	1	1
0-1	F	2016	1129	CANDIDIASIS OF OTHER SITE	AV	1	2
0-1	F	2016	2163	BENIGN NEOPLASM OF SKIN	AV	1	1
0-1	F	2016	2167	BENIGN NEOPLASM OF SKIN	AV	1	6
0-1	F	2016	2169	BENIGN NEOPLASM OF SKIN	AV	1	1
0-1	F	2016	2280	HEMANGIOMA, ANY SITE	AV	1	5
0-1	F	2016	2392	NEOPLASM UNSPECIFIED	AV	1	1

Table 3. Sample of the 4-digit diagnosis table

IV. ICD-9 Diagnosis Summary Table (5 digit)

The 5 digit ICD-9 diagnosis table provides a count of unique individuals who had a diagnosis during the period and a count of events experienced within each stratum. The counts are stratified by setting of visit as described above (3-digit diagnosis summary tables).

Table name, variables, and permissible values for the 5 digit ICD-9 Diagnosis table:

Summary table name: ICD9_Diagnosis_5_digit

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Code_: 5 digit code XXXXX (character format)

DXname: 72 digit character format

Setting: 'IP', 'ED', 'AV' (character format)

Members: Numeric value

Events: Numeric value

age_group	sex	period	code	dxname	setting	members	events
0-1	F	2016	00800	INTESTINAL INF DUE U	AV	1	1
0-1	F	2016	00867	INTST INF ENTERIT DUE	IP	1	1
0-1	F	2016	03842	SEPTICEMIA DUE TO ES	IP	1	1
0-1	F	2016	07799	UNSPEC DZ CONJUNCT	AV	1	1
0-1	F	2016	07989	OTH SPEC VIRAL INF C	AV	1	1
0-1	F	2016	07989	OTH SPEC VIRAL INF C	IP	1	1
0-1	F	2016	07999	UNSPEC VIRAL INF CCE	AV	1	29
0-1	F	2016	07999	UNSPEC VIRAL INF CCE	ED	1	3
0-1	F	2016	22800	HEMANGIOMA OF UN	AV	1	1
0-1	F	2016	22801	HEMANGIOMA SKIN&	AV	1	4
0-1	F	2016	37200	UNSPECIFIED ACUTE C	AV	1	2
0-1	F	2016	37230	UNSPECIFIED CONJUN	AV	1	8
0-1	F	2016	37272	CONJUNCTIVAL HEMO	AV	1	1
0-1	F	2016	37512	OTH LACRIMAL CYSTS&	AV	1	1
0-1	F	2016	37530	UNSPECIFIED DACRYO	AV	1	1
0-1	F	2016	37553	STENOSIS OF LACRIMA	AV	1	1
0-1	F	2016	37555	OBSTRUCTION OF NLD	AV	1	1
0-1	F	2016	37993	REDNESS OR DISCHAR	IP	1	1
0-1	F	2016	38100	UNS ACUT NONSUPPR	AV	1	2
0-1	F	2016	38101	ACUTE SEROUS OTITIS	AV	1	15
0-1	F	2016	38110	SMPL/UNS CHRON SEF	AV	1	7
0-1	F	2016	38120	SMPL/UNS CHRON MU	AV	1	2
0-1	F	2016	38181	DYSFUNCTION OF EUS	AV	1	5
0-1	F	2016	38200	ACUT SUPPURATIVE O	AV	1	25
0-1	F	2016	38200	ACUT SUPPURATIVE O	ED	1	1

Table 4. Sample of the 5-digit diagnosis table

V. HCPCS Summary Table

The HCPCS table provides a count of unique individuals who had a procedure during the time period and a count of events experienced within each stratum.

The counts are stratified by setting of visit (as defined above), age group, sex, year, and HCPCS code. Members are categorized into visit setting as described above.

Table name, variables, and permissible values for the HCPCS Procedure table:

Summary table name: HCPCS

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Code: 5 digit code XXXXX (character format)

PXname: 72 digit character format

Setting: 'IP', 'ED', 'AV' (character format)

Members: Numeric value

Events: Numeric value

age_group	sex	period	px_code	pxname	setting	members	events
0-1	M	2016	S0302	CMPL EARLY PRD SC	AV	1	1
0-1	M	2016	S1040	CRANIAL REMOLD O	AV	1	2
0-1	M	2016	S9131	PHYSICAL THERAPY;	AV	1	8
0-1	M	2016	T1023	SCR IND PARTICIP SI	AV	1	7
0-1	M	2016	T1024	EVAL&TX TEAM MX/	AV	1	8
0-1	M	2016	12052	INTMD WND REPAIR	ED	1	1
0-1	M	2016	24640	TREAT ELBOW DISLO	ED	1	1
0-1	M	2016	36406	BL DRAW < 3 YRS OT	ED	1	1
0-1	M	2016	70360	X-RAY EXAM OF NEC	ED	1	4
0-1	M	2016	70450	CT HEAD/BRAIN W/	ED	1	1
0-1	M	2016	71020	CHEST X-RAY	ED	1	24
0-1	M	2016	73140	X-RAY EXAM OF FIN	ED	1	3
0-1	M	2016	74020	X-RAY EXAM OF ABD	ED	1	3
0-1	M	2016	74022	X-RAY EXAM SERIES,	ED	1	2
0-1	M	2016	76705	ECHO EXAM OF ABD	ED	1	1
0-1	M	2016	80048	METABOLIC PANEL T	ED	1	2
0-1	M	2016	80051	ELECTROLYTE PANEL	ED	1	1
0-1	M	2016	81001	URINALYSIS, AUTO V	ED	1	1
0-1	M	2016	81002	URINALYSIS NONAU	ED	1	1
0-1	M	2016	82247	BILIRUBIN, TOTAL	ED	1	1
0-1	M	2016	82248	BILIRUBIN, DIRECT	ED	1	1
0-1	M	2016	82565	ASSAY OF CREATINI	ED	1	1
0-1	M	2016	82947	ASSAY, GLUCOSE, BL	ED	1	1
0-1	M	2016	84520	ASSAY OF UREA NIT	ED	1	1
0-1	M	2016	85007	BL SMEAR W/DIFF W	ED	1	3

Table 5. Sample of the HCPCS procedure code table

VI. ICD-9 Procedure Summary Table (3 digit)

The ICD-9 3 digit procedure table provides a count of unique individuals who had an ICD-9 coded procedure during the period and a count of events in each stratum.

The counts are stratified by setting of visit (as defined above), age group, sex, year, and 3 digit ICD-9 procedure code (format XXX). Members are categorized into visit setting as described above.

Table name, variables, and permissible values for the ICD-9 Procedure table:

Summary table name: ICD9_Procedure

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Setting: 'IP', 'ED', 'AV' (character format)

Code: 3 digit code XXX (character format)

PXname: 72 digit character format

Members: Numeric value

Events: Numeric value

age_group	sex	period	setting	code	pxname	members	events
0-1	F	2016	IP	033	DX PROC SP CORD&	1	3
0-1	F	2016	IP	314	DIAGNOSTIC PROC L	1	1
0-1	F	2016	IP	332	DIAGNOSTIC PROCE	1	1
0-1	F	2016	IP	340	INCISION OF CHEST	1	1
0-1	F	2016	IP	347	REPAIR OF CHEST W.	1	1
0-1	F	2016	IP	370	PERICARDIOCENTES	1	1
0-1	F	2016	IP	372	DIAGNOSTIC PROC F	1	2
0-1	F	2016	IP	388	OTHER SURGICAL OC	1	1
0-1	F	2016	IP	390	SYSTEMIC TO PULMC	1	1
0-1	F	2016	IP	392	OTHER SHUNT OR VA	1	1
0-1	F	2016	IP	394	REVISION OF VASCU	1	1
0-1	F	2016	IP	395	OTHER REPAIR OF VI	1	1
0-1	F	2016	IP	396	XTRACORP CIRC DUF	1	2
0-1	F	2016	IP	399	OTHER OPERATIONS	1	1
0-1	F	2016	IP	422	DIAGNOSTIC PROCE	1	1
0-1	F	2016	IP	874	OTHER X-RAY OF TH	1	1
0-1	F	2016	IP	884	ARTRGRPH USING CO	1	3
0-1	F	2016	IP	885	ANGIOCARDIGRPH U	1	1
0-1	F	2016	IP	886	PHLEBOGRAPHY	1	1
0-1	F	2016	IP	887	DIAGNOSTIC ULTRAS	1	2
0-1	F	2016	IP	889	OTHER DIAGNOSTIC	1	1
0-1	F	2016	IP	939	RESPIRATORY THERA	1	3
0-1	F	2016	IP	954	NONOPERATIVE PRO	1	4
0-1	F	2016	IP	960	NONOP INTUBAT GI	1	3

Table 6. Sample of the ICD-9 3 digit procedure code table

VII. ICD-9 Procedure Summary Table (4 digit)

The ICD-9 4 digit procedure table provides a count of unique individuals who had an ICD-9 coded procedure during the period and a count of events experienced within each stratum.

The counts are stratified by setting of visit (as defined above), age group, sex, year, and 4 digit ICD-9 procedure code (format XXXX). Members are categorized into visit setting as described above.

Table name, variables, and permissible values for the ICD-9 (4 digit) Procedure table:

Summary table name: ICD9_Procedure_4_digit

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

Setting: 'IP', 'ED', 'AV' (character format)

Code: 4 digit code XXXX (character format)

PXname: 72 digit character format

Members: Numeric value

Events: Numeric value

age_group	sex	period	setting	px_code	pxname	members	events
0-1	F	2016	IP	0331	SPINAL TAP	1	3
0-1	F	2016	IP	3142	LARYNGOSCOPI	1	1
0-1	F	2016	IP	3323	OTHER BRONCHI	1	1
0-1	F	2016	IP	3404	INSERTION INT	1	1
0-1	F	2016	IP	3479	OTHER REPAIR	1	1
0-1	F	2016	IP	3723	COMBINED RIG	1	2
0-1	F	2016	IP	3885	OTH SURG OCC	1	1
0-1	F	2016	IP	3921	CAVAL-PULMO	1	1
0-1	F	2016	IP	3949	OTHER REVISIO	1	1
0-1	F	2016	IP	3950	ANGIPLASTY/ATH	1	1
0-1	F	2016	IP	3961	XTRACORP CIR	1	2
0-1	F	2016	IP	3990	INSRT NON-RX	1	1
0-1	F	2016	IP	4223	OTHER ESOPHA	1	1
0-1	F	2016	IP	8741	CAT OF THORA	1	1
0-1	F	2016	IP	8842	AORTOGRAPHY	1	1
0-1	F	2016	IP	8843	ARTERIOGRAPH	1	2
0-1	F	2016	IP	8851	ANGIOCARDIO	1	1
0-1	F	2016	IP	8863	PHLEBOGRAPH	1	1
0-1	F	2016	IP	8872	DIAGNOSTIC UI	1	2
0-1	F	2016	IP	8890	DIAGNOSTIC IM	1	1
0-1	F	2016	IP	9393	NONMECHANIC	1	1
0-1	F	2016	IP	9396	OTHER OXYGEN	1	2

Table 7. Sample of the ICD-9 4 digit procedure code table

VIII. Generic Drug Name Summary Table

The generic drug name table provides a count of unique individuals who had a drug dispensing during the period, a count of dispensings received by all of these members, and total days supplied by strata.

The counts are stratified by generic drug name, age group, sex, quarter-year and year. The generic drug name is standardized using a look-up table provided by the Mini-Sentinel Operations Center.

Table name, variables, and permissible values for the Drug Generic Name table:

Summary table name: Generic_name
 Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)
 Sex: 'M', 'F', 'U' (character format)
 Period: 4 digit year (character format)
 GenericName: 30 digit character format
 Members: Numeric value
 Events: Numeric value
 DaysSupply: Numeric value

age_group ▾	sex ▾	period ▾	genericname ▾	members ▾	dispensings ▾	dayssupply ▾
75+	M	2016	WARFARIN SODIUM	94	543	18610
75+	M	2016	YOHIMBINE HCL	1	6	90
75+	M	2016	ZALEPLON	1	1	30
75+	M	2016	ZOLPIDEM TARTRAT	35	123	3556
75+	M	2016	ZONISAMIDE	1	1	30
0-1	F	2016Q1	ALBUTEROL	1	1	21
0-1	F	2016Q1	ALBUTEROL SULFATI	1	1	25
0-1	F	2016Q1	AMOX TR/POTASSIL	5	5	51
0-1	F	2016Q1	AMOXICILLIN TRIHY	14	15	175
0-1	F	2016Q1	ANTIPYRINE/BENZC	1	1	7
0-1	F	2016Q1	AZITHROMYCIN	4	4	23
0-1	F	2016Q1	CEPHALEXIN MONO	1	1	10
0-1	F	2016Q1	CETIRIZINE HCL	1	3	90
0-1	F	2016Q1	CIPROFLOXACIN	1	1	10
0-1	F	2016Q1	ERYTHROMYCIN BAS	2	2	12
0-1	F	2016Q1	ESTROGENS,CONJU	2	2	28
0-1	F	2016Q1	FAMOTIDINE	1	1	20
0-1	F	2016Q1	FLUOCINOLONE AC	1	1	7

Table 8. Sample of the generic name summary table

IX. Drug Class Summary Table

The drug class table provides a count of unique individuals who had a drug dispensing during the period and a count of dispensings received by all of these members by strata. Additionally, a count of total days supply (sum of days supply for all members by strata) is included.

The counts are stratified by drug class, age group, sex, quarter-year and year. The drug class is standardized using a look-up table provided by the Mini-Sentinel Operations Center.

Table name, variables, and permissible values for the Drug Class table:

Summary table name: Drug_class

Age_Group: '0-1', '2-4', '5-9', '10-14', '15-18', '19-21', '22-44', '45-64', '65-74', '75+', ' ' (Other) (character format)

Sex: 'M', 'F', 'U' (character format)

Period: 4 digit year (character format)

DrugClass: 30 digit character format

Members: Numeric value

Dispensings: Numeric value

DaysSupply: Numeric value

age_group ▾	sex ▾	period ▾	drugclass ▾	members ▾	dispensings ▾	dayssupply ▾
75+	F	2016	Vaccines - Bact	3	3	16
75+	F	2016	Vaginal Antifur	2	2	6
75+	F	2016	Vaginal Antipre	2	2	12
75+	F	2016	Vaginal Antise	1	3	210
75+	F	2016	Vaginal Estroge	10	18	794
75+	F	2016	Vasodilators	4	8	217
0-1	F	2016Q1	Antibacterial F	2	2	40
0-1	F	2016Q1	Antiemetic - Do	1	1	3
0-1	F	2016Q1	Antiemetic - Pl	1	1	3
0-1	F	2016Q1	Antihistamines	1	3	90
0-1	F	2016Q1	Asthma Therap	2	2	46
0-1	F	2016Q1	Asthma Therap	1	1	30
0-1	F	2016Q1	BetaLactam An	18	21	236
0-1	F	2016Q1	Colonic Acidifi	1	1	30
0-1	F	2016Q1	Dermatologica	1	1	20
0-1	F	2016Q1	Dermatologica	6	6	54

Table 9. Sample of the drug class summary table