



Midlife in the United States

A National Study of Health & Well-Being

M3_BIO_MEDICATION_STACKED
_N5751_20231016.SAV

MIDLIFE IN THE UNITED STATES: A NATIONAL STUDY OF HEALTH AND WELL-BEING
FUNDED BY THE NATIONAL INSTITUTE ON AGING

 M3_BIO_MEDICATION_STACKED_

N5751_20231016.SAV

File Name

M3_BIO_MEDICATION_STACKED_N5751_20231016.SAV

Case Quantity

5751

 M2ID**Label**

MIDUS Core ID – Public Use

Type

Numeric

Valid	Invalid	Minimum	Maximum
5751	0	10019	19193

 M2FAMNUM**Label**

MIDUS Core Family number

Type

Numeric

Valid	Invalid	Minimum	Maximum
5003	748	100009	120967

 SAMPLMAJ**Label**

Major sample identification

MIDUS 3 Biomarker Project Medication Data

Value	Label	Frequency	%
1	MAIN RDD	2,662	46.3%
2	SIBLING	29	0.5%
3	TWIN	2,187	38.0%
4	CITY OVERSAMPLE	125	2.2%
13	MILWAUKEE	784	13.0%

Valid	Invalid	Minimum	Maximum
5751	0	1	13

C1PRSEX

Label

Gender

Value	Label	Frequency	%
1	MALE	2,377	41.3%
2	FEMALE	3,374	58.7%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4ZAGE

Label

Respondent age at P4 data collection

Type

Numeric

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5751	0	47	94	67.31	9.6

C4XINDEX

Label

Index to Drug Type and Record Order in Flat File

Type

Text

Valid	Invalid
5751	0

**Label**

Medication Type: Prescription, OTC, or Alternative

Value	Label	Frequency	%
1	PRESCRIPTION MED	3,001	52.2%
2	OVER THE COUNTER MED	2,142	37.2%
3	ALTERNATIVE MED	608	10.6%

Valid	Invalid	Minimum	Maximum
5751	0	1	3

**Label**

Number of prescription medications

Type

Numeric

Question Text

Number of prescription medications

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5751	0	0	26	5.89	4.50

**Label**

Number of Over the Counter (OTC) Medications

Type

Numeric

Question Text

Number of non-prescription medications?

MIDUS 3 Biomarker Project Medication Data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5751	0	0	14	3.9	2.68

C4XAM

Label

Number of alternative medications

Type

Numeric

Question Text

Number of alternative medications

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5751	0	0	29	1.50	3.54

C4XTM

Label

Total number of medications

Type

Numeric

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5751	0	1	35	11.30	5.97

C4XMID

Label

Multum Drug ID

Notes

See 'M3 P4 Medication Data Documentation' for information about Multum Drug IDs and Generic Drug Names

Valid	Invalid
5751	0

C4XGN

Label

Multum Generic Drug Name

Type

Text

Notes

See 'M3 P4 Medication Data Documentation' for information about Multum Drug IDs and Generic Drug Names

Valid	Invalid
5751	0

**Label**

Dosage

Question Text

Dosage

Value	Label	Frequency	%
99995	VARIABLE DOSAGE	69	1.2%
99996	COMBINATION MED	319	5.5%
99997	DON'T KNOW	66	1.1%
99998	MISSING	14	0.2%

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5671	80	.001	999996	7198.52	25256.73

**Label**

Dosage unit

Value	Label	Frequency	%
1	MG	3,520	61.2%
2	GRAMS	61	1.1%
3	MCG	299	5.2%
4	IU	194	3.4%
5	MEQ	17	0.3%
6	CC/ML	13	0.2%
7	TEASPOON	18	0.3%
8	TABLET	572	9.9%

MIDUS 3 Biomarker Project Medication Data

9	CAPSULE	203	3.5%
10	PUFF/SQUIRT	49	0.9%
11	UNIT	54	0.9%
12	TABLESPOON	32	0.6%
13	% SOLUTION/CREAM	126	2.2%
14	DROP	64	1.1%
15	GUMMY	31	0.5%
16	OTHER	430	7.5%
97	DON'T KNOW	53	0.9%
98	MISSING	15	0.3%

Valid	Invalid	Minimum	Maximum
5863	68	1	16



Label

Route

Question Text

Route

Value	Label	Frequency	%
1	ORAL (PO)	5,222	90.8%
2	INHALED	186	3.2%
3	TOPICAL	208	3.6%
4	SUB Q/SUB C	106	1.8%
5	INTRAMUSCULAR	15	0.3%
6	SUBLINGUAL	10	0.2%
7	OTHER	4	0.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	7

 C4XF
Label

Frequency

Question Text

Frequency

Value	Label	Frequency	%
97	DON'T KNOW	9	0.2%
98	MISSING	1	0.0%

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5741	10	1	20	1.26	0.69

 C4XFU
Label

Frequency unit of time

Value	Label	Frequency	%
1	DAY	4,703	81.8%
2	EVERY OTHER DAY	51	0.9%
3	WEEK	226	3.9%
4	MONTH	55	1.0%
5	AS NEEDED (PRN)	667	11.6%
6	OTHER	43	0.7%
7	DON'T KNOW	5	0.1%
8	MISSING	1	0.0%

Valid	Invalid	Minimum	Maximum
5745	6	1	6

**Label**

Taken for how long

Question Text

Taken for how long?

Value	Label	Frequency	%
97	DON'T KNOW	49	1.3%
98	MISSING	15	1.8%

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5687	64	1.0	80	8.45	8.28

**Label**

Taken for how long unit of time

Value	Label	Frequency	%
1	DAY	40	0.7%
2	WEEK	88	1.5%
3	MONTH	772	13.4%
4	YEAR	4,797	83.4%
7	DON'T KNOW	38	0.7%
8	MISSING	16	0.3%

Valid	Invalid	Minimum	Maximum
5697	54	1	4

**Label**

Why are you taking it: ICD-10 major category code

Question Text

Why are you taking it?

Notes

See 'M3 P4 Medication Data Documentation' for information about coding Reasons for taking medications

Valid	Invalid
3860	1891

**Label**

Why are you taking it: MIDUS code addition to ICD-10

Notes

See 'M3 P4 Medication Data Documentation' for information about coding Reasons for taking medications

Valid	Invalid
1859	3892

**Label**

Flag: Matched with Lexicon Generic Name

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

Value	Label	Frequency	%
1	MATCHED WITH LEXICON	5,533	96.2%
2	UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XDUP
Label

Flag: R Takes Two Prescription Meds with Same Generic Name

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

Value	Label	Frequency	%
1	YES	32	0.6%
2	NO	2,969	51.6%
9	INAPP	2,750	47.8%

Valid	Invalid	Minimum	Maximum
3001	2750	1	2

 C4XCMB
Label

Flag: Combination medication

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

Value	Label	Frequency	%
1	YES	717	12.5%
2	NO	5,034	87.5%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XVAR
Label

Flag: R reports medication taken in variable dosage

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

Value	Label	Frequency	%
1	YES	69	1.2%
2	NO	5,602	97.4%
7	DON'T KNOW	66	1.1%
8	MISSING	14	0.2%

Valid	Invalid	Minimum	Maximum
5671	80	1	2

C4XPRN

Label

Flag: Medications taken as needed (PRN)

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

Value	Label	Frequency	%
1	YES	845	14.7%
2	NO	4,906	85.3%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XCSA

Label

CSA - Federal control status

Notes

Constructed Variable, see 'M3 P4 Medication Data Documentation' for details

MIDUS 3 Biomarker Project Medication Data

Value	Label	Frequency	%
0	NO CONTROL	5,374	93.4%
1	SCHEDULE I	2	0.0%
2	SCHEDULE II	47	0.8%
3	SCHEDULE III	15	0.3%
4	SCHEDULE IV	83	1.4%
5	SCHEDULE V	11	0.2%
9	INAPP – UNMATCHED DRUG	219	3.8%

Valid	Invalid	Minimum	Maximum
5532	219	0	5

C4XTC1

Label

Multum Therapeutic Class #1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	ANTI-INFECTIVES	83	1.4%
20	ANTINEOPLASTICS	34	0.6%
28	BIOLOGICALS	2	0.0%
40	CARDIOVASCULAR AGENTS	701	12.2%
57	CENTRAL NERVOUS SYSTEM AGENTS	965	16.8%
81	COAGULATION MODIFIERS	63	1.1%
87	GASTROINTESTINAL AGENTS	392	6.8%
97	HORMONES/HORMONE MODIFIERS	208	3.6%
105	MISCELLANEOUS AGENTS	51	0.9%
113	GENITOURINARY TRACT AGENTS	57	1.0%
115	NUTRITIONAL PRODUCTS	1,224	21.3%
122	RESPIRATORY AGENTS	282	4.9%
133	TOPICAL AGENTS	241	4.2%
218	ALTERNATIVE MEDICINES	644	11.2%

MIDUS 3 Biomarker Project Medication Data

242	PSYCHOTHERAPEUTIC AGENTS	190	3.3%
254	IMMUNOLOGIC AGENTS	8	0.1%
358	METABOLIC AGENTS	606	10.5%

Valid	Invalid	Minimum	Maximum
5751	0	1	358



Label

Multum Therapeutic Class #2

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
57	CENTRAL NERVOUS SYSTEM AGENTS	3	0.1%
81	COAGULATION MODIFIERS	260	4.5%
87	GASTROINTESTINAL AGENTS	2	0.0%
97	HORMONES/HORMONE MODIFIERS	21	0.4%
105	MISCELLANEOUS AGENTS	14	0.2%
113	GENITOURINARY TRACT AGENTS	23	0.4%
115	NUTRITIONAL PRODUCTS	58	1.0%
122	RESPIRATORY AGENTS	57	1.0%
133	TOPICAL AGENTS	21	0.4%
218	ALTERNATIVE MEDICINES	57	1.0%
242	PSYCHOTHERAPEUTIC AGENTS	24	0.4%
254	IMMUNOLOGIC AGENTS	8	0.1%
358	METABOLIC AGENTS	9	0.2%
999	INAPP	5,194	90.3%
Valid	Invalid	Minimum	Maximum
557	5194	57	358

 C4XTC3
Label

Multum Therapeutic Class #3

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
115	NUTRITIONAL PRODUCTS	1	0.0%
254	IMMUNOLOGIC AGENTS	5	0.1%
999	INAPP	5,745	99.9%

Valid	Invalid	Minimum	Maximum
6	5745	115	254

 C4XTC1S1
Label

Multum Therapeutic Sub-class #1 for TC1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
5745	6

 C4XTC1S1_1
Label

Multum Therapeutic Sub-sub-class #1 for TC1S1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
2652	3099

 C4XTC1S1_2**Label**

Multum Therapeutic Sub-sub-class #2 for TC1S1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
5	5746

 C4XTC1S2**Label**

Multum Therapeutic Sub-class #2 for TC1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
174	5577

 C4XTC1S2_1**Label**

Multum Therapeutic Sub-sub-class #1 for TC1S2

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
84	5667

 C4XTC1S3**Label**

Multum Therapeutic Sub-class #3 for TC1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
40	5711

C4XTC1S3_1

Label

Multum Therapeutic Sub-sub-class #1 for TC1S3

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
40	5711

C4XTC2S1

Label

Multum Therapeutic Sub-class #1 for TC2

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
557	5194

C4XTC2S1_1

Label

Multum Therapeutic Sub-sub-class #1 for TC2S1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
332	5419

C4XTC2S1_2

Label

Multum Therapeutic Sub-sub-class #2 for TC2S1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
3	5748

 C4XTC2S2**Label**

Multum Therapeutic Sub-class #2 for TC2

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
5	5746

 C4XTC3S1**Label**

Multum Therapeutic Sub-class #1 for TC3

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
6	5745

 C4XTC3S1_1**Label**

Multum Therapeutic Sub-sub-class #1 for TC3S1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
5	5746

 C4XPC1

Label

Multum Pharmacologic category #1

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
5149	602

**Label**

Multum Pharmacologic category #2

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
2299	3452

**Label**

Multum Pharmacologic category #3

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
1110	4641

**Label**

Multum Pharmacologic category #4

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
484	5267

 C4XPC5
Label

Multum Pharmacologic category #5

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
88	5663

 C4XPC6
Label

Multum Pharmacologic category #6

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Valid	Invalid
2	5749

 C4XTC_40
Label

Multum Therapeutic Class 40 - cardiovascular agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	701	12.2%
2	NO	5,050	87.8%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_57
Label

Multum Therapeutic Class 57 - central nervous system agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	988	16.8%
2	NO	4,783	83.2%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_81
Label

Multum Therapeutic Class 81 - coagulation modifiers: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	323	5.6%
2	NO	5,428	94.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_87
Label

Multum Therapeutic Class 87 - gastrointestinal agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	394	6.9%
2	NO	5,357	93.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTC_97

Label

Multum Therapeutic Class 97 - hormones/hormone modifiers: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	229	4.0%
2	NO	5,522	96.0%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTC_115

Label

Multum Therapeutic Class 115 - nutritional products: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	1,283	22.3%
2	NO	4,468	77.7%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_122
Label

Multum Therapeutic Class 122 - respiratory agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	339	5.9%
2	NO	5,412	94.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_133
Label

Multum Therapeutic Class 133 - topical agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	262	4.6%
2	NO	5,481	95.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTC_218
Label

Multum Therapeutic Class 218 - alternative medicines: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	701	12.2%
2	NO	5,050	87.7%
Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTC_242

Label

Multum Therapeutic Class 242 - psychotherapeutic agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	214	3.7%
2	NO	5,537	96.3%
Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTC_358

Label

Multum Therapeutic Class 358 - metabolic agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	615	10.7%
2	NO	5,136	89.3%
Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_19
Label

Multum Therapeutic Sub-Class 19 - antihyperlipidemic agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	347	6.0%
2	NO	5,404	94.0%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_42
Label

Multum Therapeutic Sub-Class 42 - angiotensin converting enzyme inhibitors: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	98	1.7%
2	NO	5,653	98.3%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_47
Label

Multum Therapeutic Sub-Class 47 - beta-adrenergic blocking agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	155	2.7%
2	NO	5,596	97.3%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_48

Label

Multum Therapeutic Sub-Class 48 – calcium channel blocking agents: YES/NO?

Notes

See ‘M3 P4 Medication Data Documentation’ for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	115	2.0%
2	NO	5,636	98.0%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_49

Label

Multum Therapeutic Sub-Class 49 - diuretics: YES/NO?

Notes

See ‘M3 P4 Medication Data Documentation’ for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	129	2.2%
2	NO	5,622	97.8%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_55
Label

Multum Therapeutic Sub-Class 55 - antihypertensive combinations: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	51	0.9%
2	NO	5,700	99.1%
Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_58
Label

Multum Therapeutic Sub-Class 58 - analgesics: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	616	10.7%
2	NO	5,135	89.3%
Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_64
Label

Multum Therapeutic Sub-Class 64 – anticonvulsants:: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

MIDUS 3 Biomarker Project Medication Data

Value	Label	Frequency	%
1	YES	116	2.0%
2	NO	5,635	98.0%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_67

Label

Multum Therapeutic Sub-Class 67 - anxiolytics, sedatives, and hypnotics: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	158	2.7%
2	NO	5,593	97.3%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_83

Label

Multum Therapeutic Sub-Class 83 - antiplatelet agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	278	4.8%
2	NO	5,473	95.2%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_88
Label

Multum Therapeutic Sub-Class 88 - antacids: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	54	0.9%
2	NO	5,697	99.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_99
Label

Multum Therapeutic Sub-Class 99 - antidiabetic agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	226	3.9%
2	NO	5,525	96.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_101
Label

Multum Therapeutic Sub-Class 101 - sex hormones: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and

pharmacologic class

Value	Label	Frequency	%
1	YES	49	0.9%
2	NO	5,702	99.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_103

Label

Multum Therapeutic Sub-Class 103 - thyroid hormones: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	118	2.1%
2	NO	5,633	97.9%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_117

Label

Multum Therapeutic Sub-Class 117 - minerals and electrolytes: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	208	3.6%
2	NO	5,543	96.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_119

Label

Multum Therapeutic Sub-Class 119 - vitamins: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	475	8.3%
2	NO	5,276	91.7%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_120

Label

Multum Therapeutic Sub-Class 120 - vitamin and mineral combinations: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	551	9.6%
2	NO	5,200	90.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_123
Label

Multum Therapeutic Sub-Class 123 - antihistamines: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	152	2.6%
2	NO	5,599	97.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_125
Label

Multum Therapeutic Sub-Class 125 - bronchodilators: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	107	1.9%
2	NO	5,644	98.1%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_136
Label

Multum Therapeutic Sub-Class 136 – dermatological agents: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

MIDUS 3 Biomarker Project Medication Data

Value	Label	Frequency	%
1	YES	92	1.6%
2	NO	5,659	98.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_219

Label

Multum Therapeutic Sub-Class 219 - nutraceutical products: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	389	6.8%
2	NO	5,362	93.2%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

C4XTCS_220

Label

Multum Therapeutic Sub-Class 220 - herbal products: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	265	4.6%
2	NO	5,486	95.4%

Valid	Invalid	Minimum	Maximum

5751	0	1	2
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 C4XTCS_247
Label

Multum Therapeutic Sub-Class 247 - nasal preparations: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	75	1.3%
2	NO	5,676	98.7%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_249
Label

Multum Therapeutic Sub-Class 249 - antidepressants: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	197	3.4%
2	NO	5,554	96.6%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XTCS_272
Label

Multum Therapeutic Sub-Class 272 - proton pump inhibitors: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and

pharmacologic class

Value	Label	Frequency	%
1	YES	149	2.6%
2	NO	5,602	97.4%

Valid	Invalid	Minimum	Maximum
5751	0	1	2

 C4XPC_946**Label**

Multum Pharmacologic Category 946 - analgesic opioid: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	59	1.0%
2	NO	5,474	95.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_947**Label**

Multum Pharmacologic Category 947 - analgesic nonopioid: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	534	9.3%
2	NO	4,999	86.9%

9	INAPP - UNMATCHED MEDICATION	218	3.8%
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Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_957

Label

Multum Pharmacologic Category 957 - angiotensin converting enzyme ace inhibitor: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	113	2.0%
2	NO	5,420	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_958

Label

Multum Pharmacologic Category 958 - angiotensin II receptor blocker: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	113	2.0%
2	NO	5,420	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_961**Label**

Multum Pharmacologic Category 961 - antacid: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	53	0.9%
2	NO	5,480	95.3%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_971**Label**

Multum Pharmacologic Category 971 - antianginal agent: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	251	0.9%
2	NO	5,282	95.3%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1050**Label**

Multum Pharmacologic Category 1050 - antidepressant selective serotonin reuptake inhibitor: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and

pharmacologic class

Value	Label	Frequency	%
1	YES	84	1.5%
2	NO	5,449	94.7%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1074
Label

Multum Pharmacologic Category 1074 - antidote: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	60	1.0%
2	NO	5,473	95.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1156
Label

Multum Pharmacologic Category 1156 - antihypertensive: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	645	11.2%
2	NO	4,888	85.0%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1171
Label

Multum Pharmacologic Category 1171 - antilipemic agent hmg coa reductase inhibitor: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	308	5.4%
2	NO	5,225	90.9%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1225
Label

Multum Pharmacologic Category 1225 - antiplatelet agent: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	277	4.8%
2	NO	5,256	91.4%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1291
Label

Multum Pharmacologic Category 1291 - beta-blocker, beta-1 selective: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	118	2.1%
2	NO	5,415	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1299
Label

Multum Pharmacologic Category 1299 - beta2 agonist: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	93	1.6%
2	NO	5,440	94.6%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1313
Label

Multum Pharmacologic Category 1313 - calcium channel blocker: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	116	2.0%
2	NO	5,417	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1314
Label

Multum Pharmacologic Category 1314 - calcium salt: YES/NO?

Notes

MIDUS 3 Biomarker Project Medication Data

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	139	2.4%
2	NO	5,394	93.8%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1439

Label

Multum Pharmacologic Category 1439 - diuretic thiazide: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	104	1.8%
2	NO	5,429	94.4%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1447

Label

Multum Pharmacologic Category 1447 - electrolyte supplement oral: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	237	4.1%
2	NO	5,296	92.1%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1602

Label

Multum Pharmacologic Category 1602 - nonsteroidal anti-inflammatory drug (NSAID), oral: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	432	5.5%
2	NO	5,101	88.7%
9	INAPP - UNMATCHED MEDICATION	218	3.8%
Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1629

Label

Multum Pharmacologic Category 1629 - phosphate binder: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	54	0.9%
2	NO	5,479	95.3%
9	INAPP - UNMATCHED MEDICATION	218	3.8%
Valid	Invalid	Minimum	Maximum
5533	218	1	2

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1651

Label

Multum Pharmacologic Category 1651 - proton pump inhibitor: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	149	2.6%
2	NO	5,384	93.6%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1665

Label

Multum Pharmacologic Category 1665 - salicylate: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	264	4.6%
2	NO	5,269	91.6%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1710
Label

Multum Pharmacologic Category 1710 - thyroid product: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	118	2.1%
2	NO	5,415	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1750
Label

Multum Pharmacologic Category 1750 - vitamin: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	454	7.9%
2	NO	5,079	88.3%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

 C4XPC_1752
Label

Multum Pharmacologic Category 1752 - vitamin d analog: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	236	4.1%
2	NO	5,297	92.1%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

**Label**

Multum Pharmacologic Category 1753 - vitamin fat soluble: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	114	2.0%
2	NO	5,419	94.2%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

**Label**

Multum Pharmacologic Category 1756 - vitamin water soluble: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	202	3.5%
2	NO	5,331	92.7%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1768

Label

Multum Pharmacologic Category 1768 - histamine H1 antagonist: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	188	3.3%
2	NO	5,345	92.9%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1824

Label

Multum Pharmacologic Category 1824 - substituted benzimidazole: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	149	3.3%
2	NO	5,384	92.9%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_1177583

Label

Multum Pharmacologic Category 1177583 - histamine H1 antagonist second generation: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	121	2.1%
2	NO	5,412	94.1%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2

C4XPC_3974202

Label

Multum Pharmacologic Category 3974202 - antilipemic agent, omega-3 fatty acids: YES/NO?

Notes

See 'M3 P4 Medication Data Documentation' for details about linking medications to therapeutic and pharmacologic class

Value	Label	Frequency	%
1	YES	139	2.4%
2	NO	5,394	93.8%
9	INAPP - UNMATCHED MEDICATION	218	3.8%

Valid	Invalid	Minimum	Maximum
5533	218	1	2