

Note:

1. The purpose of this R code is to convert the thyroid-related drug ATC codes to Slone drug codes using a conversion file
2. Only ATC codes regarding thyroid-related drug usage listed below will be converted to the corresponding Slone drug codes
3. Some ATC codes may not have corresponding Slone drug codes
4. Due to the differences in drug classification systems, there are selected ATC codes that have multiple corresponding Slone drug codes. In these situations, **only one** Slone drug code is assigned
 - Refer to the “Duplicated_values” tab in the conversion file for more details

IDTYPE**Variable name:** idtype**Description:** Framingham Heart Study cohort identifier

Code or Value	Description
2	NOS
3	Gen 3
72	Omni 2

ID**Variable name:** id**Description:** Framingham Heart Study participant identifier within cohort

IDTYPE and ID must be used together to form a unique study participant identification number or use variable “framid” instead

Code or Value	Description
0 – 9999	Range of values

Note: To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

FRAMID**Variable name:** Framid**Description:** Framingham ID assigned to each participant

Code or Value	Description
20000 – 29999	NOS
30000 – 39999	Gen 3
720000 – 729999	Omni 2

Note: To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

EXAM_NUM**Variable name:** exam_num

Description: Core exam number

Code or Value	Description
1	Exam 1
2	Exam 2
3	Exam 3

MEDNAME

Variable name: medname

Description: Medication name

Code or Value	Description
Blank	Field not filled in
Not blank	Filled in

ATC_COD1 — ATC_COD4

Variable name: atc_cod1 — atc_cod4

Description: ATC code for medication or drug in compound

Code or Value	Description
Blank	Field not filled in
Not blank	Filled in

MEDICATION1 — MEDICATION4

Variable name: MEDICATION1 — MEDICATION4

Description: Slone name of medication or drug in compound

Code or Value	Description
Blank	Field not filled in
Not blank	Filled in

SLONECODE4 — SLONECODE4

Variable name: SloneCode1 — SloneCode4**Description:** Slone code for medication or drug in compound

Code or Value	Description
Blank	Field not filled in
Not blank	Filled in

SLONE_LABEL1 — SLONE_LABEL4**Variable name:** Slone_Label1 — Slone_Label4**Description:** Label for Slone code for medication or drug in compound

Code or Value	Description
Blank	Field not filled in
Not blank	Filled in

Single ATC codes:

ATC_Code	MEDICATION	SloneCode	Slone_Label
H03	THYROID THERAPY		
H03AA		600138	NOS- THYROID MEDICINE UNKNOWN
H03AA01	Levothyroxine sodium	1880	LEVOTHYROXINE SODIUM
H03AA02	Liothyronine sodium	341	LIOTHYRONINE SODIUM
H03AA03	Combinations of levothyroxine and liothyronine	8936	EUTHROID
H03AA05	Thyroid gland preparations	2012	THYROID
H03BA01	Methylthiouracil	555040	METHYLTHIOURACIL
H03BA02	Propylthiouracil	1012	PROPYLTHIOURACIL (PTU)
H03BB01	Carbimazole	697	CARBIMAZOLE
H03BB02	Thiamazole	877	METHIMAZOLE
H03BC01	Potassium perchlorate	911	POTASSIUM PERCHLORATE
H03BX01	Diiodotyrosine	10742	DIIODOTYROSINE
H03BX02	Dibromotyrosine	15742	DIBROMOTYROSINE

Multiple ATC codes:

atc_cod1	atc_cod2	MEDICATION1	SloneCode1	Slone_Label1	SloneCode2	Slone_Label2
H03AA01	H03AA02	Armour Thyroid	2012	Armour Thyroid		
H03AA	V06DD	THYROID & L-TYROSINE	600138	THYROID NOS	1070	L-Tyrosine

Recoding:

medname	atc_cod1	atc_cod2	New_medname	New_atc_cod1	New_atc_cod2
THYROID & L-TYROSINE	H03AA	C02KB	THYROID & L-TYROSINE	H03AA	V06DD
L-THYROXINE	H03AA03		L-THYROXINE	H03AA01	
ARMOUR	H05AA01		ARMOUR	H03AA01	H03AA02
ARMOUR THYRO	H05AA01		ARMOUR THYRO	H03AA01	H03AA02
ARMOUR THYROID	H05AA01		ARMOUR THYROID	H03AA01	H03AA02
THY EXT	H05AA01		THY EXT	H03AA05	
THYROID	H05AA01		THYROID	H03AA05	
THYROID (ARMOUR)	H05AA01		THYROID-ARMOUR	H03AA01	H03AA02

THYROID TABS USP	H05AA01		THYROID TABS USP	H03AA01	H03AA02
THYROID- ARMOUR	H05AA01		THYROID- ARMOUR	H03AA01	H03AA02
TYROID TABS USP	H05AA01		TYROID TABS USP	H03AA01	H03AA02