This dataset is created based on Gen 2/Omni 1 FHS participants’ **self-reported** information from Exam 1 to Exam 10 .

The following is the timeline for related questions found in individual FHS core exams (N = No, Y = Yes):

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FHS Core Exam | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Aspirin | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |

* Derived variables will contain information of the source variable name, source question and the underlying logic programming.

Table of Contents

[**ID**](#ID) **3**

[**Aspirin Use Variables**](#Antidepressants)**4**

[**Aspirin Quantity Variables**](#Depression)**7**

[**Aspirin Frequency Variables**](#Anxiolytics)**9**

[**Aspirin Dose Variables**](#Hypnotics)**11**

[**Aspirin Purpose Variables**](#Appendix1)**13**

|  |
| --- |
| **IDTYPE** |

**Variable name:** idtype

**Description:** Framingham Heart Study cohort identifier

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Generation 2 Cohort |
| 7 | Omni 1 Cohort |

|  |
| --- |
| **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** |
| 80000 – 89999 | Gen 2 |
| 700000 – 709999 | Omni 1 |

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

**ASPIRIN\_USE\_CORE2**

**Variable name:** aspirin\_use\_core2

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable is based on the variable B69 in core exam 2:

ASPIRIN TABS/DAY:

0 NO

1-7 PER DAY

8 8 OR MORE PER DAY

. UNKNOWN

Value 0 is recoded as 0; 1-7 and 8 are recoded as 1, and . is recoded as .

**ASPIRIN\_USE\_CORE3**

**Variable name:** aspirin\_use\_core3

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable is based on the variable C7 in core exam 3:

# OF ASPIRINS PER WEEK

0-70

. UNKNOWN

Value 0 is recoded as 0; 1-70 are recoded as 1, and . is recoded as .

**ASPIRIN\_USE\_CORE4**

**Variable name:** aspirin\_use\_core4

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable is based on the variable D008 in core exam 4:

NUMBER OF ASPIRIN PER WEEK

0-96

. UNKNOWN (64)

Value 0 is recoded as 0; 1-96 are recoded as 1, and . is recoded as .

**ASPIRIN\_USE\_CORE5**

**Variable name:** aspirin\_use\_core5

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable is based on the variables E041, E218, and E219 in core exam 5:

If E219 is 1 or 2 and E041 is 1-7 then new variable is 1

If E041 is 0 or E218 is 0 or E219 is 0 then new variable is 0

Else variable is NA

**ASPIRIN\_USE\_CORE6**

**Variable name:** aspirin\_use\_core6

**Description:** Take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as F180 in core exam 6.

**ASPIRIN\_USE\_CORE7**

**Variable name:** aspirin\_use\_core7

**Description:** Take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as G037 in core exam 7.

**ASPIRIN\_USE\_CORE8**

**Variable name:** aspirin\_use\_core8

**Description:** Take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as H010 in core exam 8.

**ASPIRIN\_USE\_CORE9**

**Variable name:** aspirin\_use\_core9

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as J010 in core exam 9.

**ASPIRIN\_USE\_CORE10**

**Variable name:** aspirin\_use\_core10

**Description:** Do you take aspirin regularly?

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as K0211 in core exam 10.

**ASPIRIN\_QUANTITY\_CORE6**

**Variable name:** aspirin\_quantity\_core6

**Description:** Number of aspirin taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 – 20 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as F180 in core exam 6.

**ASPIRIN\_QUANTITY\_CORE7**

**Variable name:** aspirin\_quantity\_core7

**Description:** Aspirin: number taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 – 91 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as G038 in core exam 7.

**ASPIRIN\_QUANTITY\_CORE8**

**Variable name:** aspirin\_quantity\_core8

**Description:** If taking aspirin, number of aspirins taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 – 15 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as H011 in core exam 8.

**ASPIRIN\_QUANTITY\_CORE9**

**Variable name:** aspirin\_quantity\_core9

**Description:** If taking aspirin, number of aspirins taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 – 20 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as J011 in core exam 9.

**ASPIRIN\_QUANTITY\_CORE10**

**Variable name:** aspirin\_quantity\_core10

**Description:** If taking aspirin, number of aspirins taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 – 8 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as K0212 in core exam 10.

**ASPIRIN\_FREQ\_CORE6**

**Variable name:** aspirin\_freq\_core6

**Description:** Aspirin frequency

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Never |
| 1 | Day |
| 2 | Week |
| 3 | Month |
| 4 | Year |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as F182 in core exam 6.

**ASPIRIN\_FREQ\_CORE7**

**Variable name:** aspirin\_freq\_core7

**Description:** Aspirin frequency – number taken regularly

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Never |
| 1 | Day |
| 2 | Week |
| 3 | Month |
| 4 | Year |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as G039 in core exam 7.

**ASPIRIN\_FREQ\_CORE8**

**Variable name:** aspirin\_freq\_core8

**Description:** If taking aspirin, frequency per

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 1 | Day |
| 2 | Week |
| 3 | Month |
| 4 | Year |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as H012 in core exam 8.

**ASPIRIN\_FREQ\_CORE9**

**Variable name:** aspirin\_freq\_core9

**Description:** Aspirin frequency per (day, week, month, year)

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No aspirin taken regularly |
| 1 | Day |
| 2 | Week |
| 3 | Month |
| 4 | Year |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as J012 in core exam 9.

**ASPIRIN\_FREQ\_CORE10**

**Variable name:** aspirin\_freq\_core10

**Description:** Aspirin frequency per (day, week, month, year)

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No aspirin taken regularly |
| 1 | Day |
| 2 | Week |
| 3 | Month |
| 4 | Year |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as K0213 in core exam 10.

**ASPIRIN\_DOSE\_CORE6**

**Variable name:** aspirin\_dose\_core6

**Description:** Usual aspirin dose for above

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 81 | Baby |
| 160 | Half dose |
| 325 | Normal |
| 500 | Extra or larger |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as F183 in core exam 6.

**ASPIRIN\_DOSE\_CORE7**

**Variable name:** aspirin\_dose\_core7

**Description:** Usual aspirin dose for above

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 81 | Baby |
| 160 | Half dose |
| 325 | Normal |
| 500 | Extra or larger |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as G040 in core exam 7.

**ASPIRIN\_DOSE\_CORE8**

**Variable name:** aspirin\_dose\_core8

**Description:** If take aspirin, usual dose

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | Does not take aspirin regularly |
| 25 – 500 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as H013 in core exam 8.

**ASPIRIN\_DOSE\_CORE9**

**Variable name:** aspirin\_dose\_core9

**Description:** Usual dose of aspirin

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 – 650 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as J013 in core exam 9.

**ASPIRIN\_DOSE\_CORE10**

**Variable name:** aspirin\_dose\_core10

**Description:** Usual dose of aspirin

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 – 500 | Range of values |
| . | Did not attend/Unknown |

**Note:** This variable was originally marked as K0214 in core exam 10. However, it has been edited to replace “Other” values with the corresponding values from K0215. See R code for more details.

**ASPIRIN\_PURPOSE\_CORE6**

**Variable name:** aspirin\_purpose\_core6

**Description:** Derived variable on the purpose of the aspirin intake

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Standard cardiovascular dose |
| 2 | Non-standard dose |
| 3 | Analgesic dose |
| . | Unknown |

**Note:** This variable is derived from the aspirin\_quantity\_core6, aspirin\_freq\_core6, and aspirin\_dose\_core6 variables.

**Programming logic:**

If F181 = 1 and F182 = 1 and F183 = 81-325 then aspirin\_purpose\_core6 = 1

If F181 = 2 and F182 = 1 and F183 = 81-160 then aspirin\_purpose\_core6 = 1

If F181 = 3-4 and F182 = 1 and F183 = 81 then aspirin\_purpose\_core6 = 1

If F181 = 7-14 and F182 = 2 and F183 = 81-160 then aspirin\_purpose\_core6 = 1

If F181 = 3-6 and F182 = 2 and F183 = 81-325 then aspirin\_purpose\_core6 = 1

If F181 = 15-20 and F182 = 2 and F183 = 81 then aspirin\_purpose\_core6 = 1

If F181 = 7-10 and F182 = 2 and F183 = 325 then aspirin\_purpose\_core6 = 1

If F181 = 10-20 and F182 = 1 and F183 = 325 then aspirin\_purpose\_core6 = 3

If F181 = 6-20 and F181 = 1 and F183 = 500 then aspirin\_purpose\_core6 = 3

If F181 = (0, NA) or F182 = (0, 3, 4, NA) or F183 = (0, NA) then aspirin\_purpose\_core6 = NA

Else aspirin\_purpose\_core6 = 2

**ASPIRIN\_PURPOSE\_CORE7**

**Variable name:** aspirin\_purpose\_core7

**Description:** Derived variable on the purpose of the aspirin intake

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Standard cardiovascular dose |
| 2 | Non-standard dose |
| 3 | Analgesic dose |
| . | Unknown |

**Note:** This variable is derived from the aspirin\_quantity\_core7, aspirin\_freq\_core7, and aspirin\_dose\_core7 variables.

**Programming logic:**

If G038 = 1 and G039 = 1 and G040 = 81-325 then aspirin\_purpose\_core7 = 1

If G038 = 2 and G039 = 1 and G040 = 81-160 then aspirin\_purpose\_core7 = 1

If G038 = 3-4 and G039 = 1 and G040 = 81 then aspirin\_purpose\_core7 = 1

If G038 = 7-14 and G039 = 2 and G040 = 81-160 then aspirin\_purpose\_core7 = 1

If G038 = 3-6 and G039 = 2 and G040 = 81-325 then aspirin\_purpose\_core7 = 1

If G038 = 15-28 and G039 = 2 and G040 = 81 then aspirin\_purpose\_core7 = 1

If G038 = 7-10 and G039 = 2 and G040 = 325 then aspirin\_purpose\_core7 = 1

If G038 = 10-91 and G039 = 1 and G040 = 325 then aspirin\_purpose\_core7 = 3

If G038 = 6-91 and G039 = 1 and G040 = 500 then aspirin\_purpose\_core7 = 3

If G038 = (0, NA) or G039 = (0, 3, 4, NA) or G040 = (0, NA) then aspirin\_purpose\_core7 = NA

Else aspirin\_purpose\_core7 = 2

**ASPIRIN\_PURPOSE\_CORE8**

**Variable name:** aspirin\_purpose\_core8

**Description:** Derived variable on the purpose of the aspirin intake

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Standard cardiovascular dose |
| 2 | Non-standard dose |
| 3 | Analgesic dose |
| . | Unknown |

**Note:** This variable is derived from the aspirin\_quantity\_core8, aspirin\_freq\_core8, and aspirin\_dose\_core8 variables.

**Programming logic:**

If H011 = 1 and H012 = 1 and H013 = 81-325 then aspirin\_purpose\_core8 = 1

If H011 = 2 and H012 = 1 and H013 = 81-160 then aspirin\_purpose\_core8 = 1

If H011 = 3-4 and H012 = 1 and H013 = 81 then aspirin\_purpose\_core8 = 1

If H011 = 7-15 and H012 = 2 and H013 = 81-160 then aspirin\_purpose\_core8 = 1

If H011 = 3-6 and H012 = 2 and H013 = 81-325 then aspirin\_purpose\_core8 = 1

If H011 = 15 and H012 = 2 and H013 = 81 then aspirin\_purpose\_core8 = 1

If H011 = 7-10 and H012 = 2 and H013 = 325 then aspirin\_purpose\_core8 = 1

If H011 = 10-15 and H012 = 1 and H013 = 325 then aspirin\_purpose\_core8 = 3

If H011 = 6-15 and H012 = 1 and H013 = 500 then aspirin\_purpose\_core8 = 3

If H011 = (0, NA) or H012 = (0, 3, 4, NA) or H013 = (0, NA) then aspirin\_purpose\_core8 = NA

Else aspirin\_purpose\_core8 = 2

**ASPIRIN\_PURPOSE\_CORE9**

**Variable name:** aspirin\_purpose\_core9

**Description:** Derived variable on the purpose of the aspirin intake

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Standard cardiovascular dose |
| 2 | Non-standard dose |
| 3 | Analgesic dose |
| . | Unknown |

**Note:** This variable is derived from the aspirin\_quantity\_core9, aspirin\_freq\_core9, and aspirin\_dose\_core9 variables.

**Programming logic:**

If J011 = 1 and J012 = 1 and J013 = 81-325 then aspirin\_purpose\_core9 = 1

If J011 = 2 and J012 = 1 and J013 = 81-160 then aspirin\_purpose\_core9 = 1

If J011 = 3-4 and J012 = 1 and J013 = 81 then aspirin\_purpose\_core9 = 1

If J011 = 7-14 and J012 = 2 and J013 = 81-160 then aspirin\_purpose\_core9 = 1

If J011 = 3-6 and J012 = 2 and J013 = 81-325 then aspirin\_purpose\_core9 = 1

If J011 = 15-20 and J012 = 2 and J013 = 81 then aspirin\_purpose\_core9 = 1

If J011 = 7-10 and J012 = 2 and J013 = 325 then aspirin\_purpose\_core9 = 1

If J011 = 10-20 and J012 = 1 and J013 = 325 then aspirin\_purpose\_core9 = 3

If J011 = 6-20 and J012 = 1 and J013 = 500 then aspirin\_purpose\_core9 = 3

If J011 = 5 - 20 and J012 = 1 and J013 = 600-650 then aspirin\_purpose\_core9 = 3

If J011 = (0, NA) or J012 = (0, 3, 4, NA) or J013 = (0, NA) then aspirin\_purpose\_core9 = NA

Else aspirin\_purpose\_core9 = 2

**ASPIRIN\_PURPOSE\_CORE10**

**Variable name:** aspirin\_purpose\_core10

**Description:** Derived variable on the purpose of the aspirin intake

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 1 | Standard cardiovascular dose |
| 2 | Non-standard dose |
| 3 | Analgesic dose |
| . | Unknown |

**Note:** This variable is derived from the aspirin\_quantity\_core10, aspirin\_freq\_core10, and aspirin\_dose\_core10 variables.

**Programming logic:**

If K0212 = 1 and K0213 = 1 and J013 = 81-325 then aspirin\_purpose\_core10 = 1

If K0212 = 2 and K0213 = 1 and J013 = 81-160 then aspirin\_purpose\_core10 = 1

If K0212 = 3-4 and K0213 = 1 and J013 = 81 then aspirin\_purpose\_core10 = 1

If K0212 = 7-14 and K0213 = 2 and J013 = 81-160 then aspirin\_purpose\_core10 = 1

If K0212 = 3-6 and K0213 = 2 and J013 = 81-325 then aspirin\_purpose\_core10 = 1

If K0212 = 15-20 and K0213 = 2 and J013 = 81 then aspirin\_purpose\_core10 = 1

If K0212 = 7-10 and K0213 = 2 and J013 = 325 then aspirin\_purpose\_core10 = 1

If K0212 = 10-20 and K0213 = 1 and J013 = 325 then aspirin\_purpose\_core10 = 3

If K0212 = 6-20 and K0213 = 1 and J013 = 500 then aspirin\_purpose\_core10 = 3

If K0212 = 5 - 20 and K0213 = 1 and J013 = 600-650 then aspirin\_purpose\_core10 = 3

If K0212 = (0, NA) or K0213 = (0, 3, 4, NA) or J013 = (0, NA) then aspirin\_purpose\_core10 = NA

Else aspirin\_purpose\_core10 = 2