

# South Africa - SAPRIN COVID-19 Individual and Household Observations 2023 Datasets

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Visit our data catalog at: <https://saprindata.samrc.ac.za/index.php>

# Overview

## Identification

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### ID NUMBER

DDI.SAPRIN.SC19IHO2023V2

## Version

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### VERSION DESCRIPTION

v2: Dataset for licence distribution

### PRODUCTION DATE

2024-01-24

### NOTES

The questionnaire included both household-level and individual-specific questions, the latter of which could be directly addressed by other household members if they were present. The primary respondent acted as a proxy in all other cases. COVID-19 symptom screening was included in the questionnaire, and those who satisfied the Department of Health's COVID-19 symptom criteria were referred for additional investigation, testing, and management.

## Overview

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### ABSTRACT

SAPRIN (South African Population Research Infrastructure Network) is a network of health and demographic surveillance sites in South Africa that consists of five Health and Demographic Surveillance System (HDSS) nodes located in South Africa.

Between them, the nodes follow more than 75 000 households (320 000 individuals) longitudinally through regular surveillance visits. Shortly after the start of the Covid-19 pandemic, SAPRIN implemented a shared Covid-19 surveillance programme in the MRC/Wits University Agincourt HDSS in Bushbuckridge District, Mpumalanga, established in 1993; the University of Limpopo DIMAMO HDSS in the Capricorn District of Limpopo, established in 1996, and and the Africa Health Research Institute (AHRI) HDSS in uMkhanyakude District, KwaZulu-Natal, established in 2000. This Covid-19 surveillance was concluded in July 2023.

As part of the Covid-19 surveillance, Covid-19 screening questions were administered to household respondents in Agincourt, DIMAMO and AHRI. By the end of July 2023, a total of 57 384 such household interviews were conducted, with approximately 277 400 interviews for individuals.

The interviews can be directly linked to the detailed longitudinal surveillance data in the three nodes, providing interesting contextual data to this set of observations on depression and anxiety during the span of the covid epidemic from its start across several epidemic waves of infection in South Africa.

These contextual data include:

- SAPRIN Individual Surveillance Episodes 2023: Basic Dataset. This dataset contains only the internal and external residency episodes for an individual
- SAPRIN Individual Surveillance Episodes 2023: Age-Year Dataset. This dataset splits the basic surveillance episodes at calendar year end and at the date when the age in years (birth-day) of an individual changes
- SAPRIN Individual Surveillance Episodes 2023: Age-Year-Delivery Dataset. This dataset splits the basic surveillance episodes at calendar year end and at the date when the age in years (birth-day) of an individual changes. In the case of women who have given births, episodes are split at the time of delivery as well
- A large set of Covid-19 specific data, including vaccine acceptance and hesitancy data and the impact of Covid-19 measures on the household.

The Covid-19 specific interviews were conducted from May 2020 and until July 2023, with more than one interview with some participants at different points in time, allowing for the analysis of temporal effects.

The SAPRIN COVID-19 Individual and Household Observations 2023 Datasets consists of two types of demographic surveillance datasets:

1. SAPRIN individual COVID-19. This dataset consists of Covid-related status observations pertaining to Covid-19 diagnosis, vaccination status, attitudes to vaccination and the PHQ-2 and GAD-2 mental health related questions.
2. SAPRIN household COVID-19. This dataset consists of Covid-19 related household level status observations, household awareness, and impact of Covid-19 control measures on the household.

#### KIND OF DATA

Event history data

#### UNITS OF ANALYSIS

Interviews nested within responding households

## Scope

#### NOTES

The questionnaire included both household-level and individual-specific questions, the latter of which could be directly addressed by other household members if they were present. The primary respondent acted as a proxy in all other cases. COVID-19 symptom screening was included in the questionnaire, and those who satisfied the Department of Health's COVID-19 symptom criteria were referred for additional investigation, testing, and management.

#### TOPICS

| Topic  | Vocabulary | URI |
|--|------------|-----|
| South Africa; Self report; Prospective studies; Longitudinal studies; COVID-19; Mental health; Social welfare; Masks; Pensions |            |     |

#### KEYWORDS

COVID-19, Surveillance, South Africa, Screening, Health and Demographic Surveillance System

## Coverage

#### GEOGRAPHIC COVERAGE

The South African Population Research Infrastructure Network (SAPRIN) currently represents a network of three Health and Demographic Surveillance System (HDSS) nodes located in rural South Africa, namely: 1) MRC/Wits University Agincourt HDSS in Bushbuckridge District, Mpumalanga, which has collected data since 1993. The nodal website is: <http://www.agincourt.co.za>; 2) the University of Limpopo DIMAMO HDSS in the Capricorn District of Limpopo, which has collected data since 1996. The nodal website is: N/A; 3) and the Africa Health Research Institute (AHRI) HDSS in uMkhanyakude District, KwaZulu-Natal, which has collected data since 2000. The nodal website is: <http://www.ahri.org>.

The Agincourt HDSS covers a surveillance area of approximately 420 square kilometres and is located in the Bushbuckridge District, Mpumalanga in the rural northeast of South Africa close to the Mozambique border. At baseline in 1992, 57 600 people were recorded in 8900 households in 20 villages; by 2006, the population had increased to about 70 000 people in 11 700 households. As of 1st July 2022, there were 106 394 people under surveillance of whom 25% were not resident within the surveillance area, with a total of about 2.6 m person years of observation. 31% of the population is under 15 years old. The population is almost exclusively Xitsonga speaking. The Agincourt HDSS has population density of over 200 persons per square kilometre. The Agincourt HDSS extends between latitudes 24° 50' and 24° 56' S and longitudes 31°08' and 31° 25' E. The altitude is about 400-600m above sea level.

DIMAMO is located in the Capricorn district, Limpopo Province approximately 40 kilometres from Polokwane, the capital city of Limpopo Province and 15-50 kilometres from the University of Limpopo. The site covers an area of approximately 400 square kilometres. The initial total population observed was about 8 000 but the field site was expanded in 2010. As of 1st

July 2022, there were 99 087 people under surveillance, of whom 23% were not resident within the surveillance area, with about 865,000 person years of observation. 29% of the population is under 15 years old. The population is predominantly Sepedi speaking. Most households have electricity. Some households have piped water either inside the house or in their yards, but most fetch water from taps situated at strategic points in the villages. Most households have a pit latrine in their yards. The area lies between latitudes and 23°65' and 23°90'S and longitudes 29°65' and 29°85'E. The HDSS is located on a high plateau area (approximately 1250 m above sea level) where communities typically consist of households clustered in villages, with access to local land for small-scale food production.

Africa Health Research Institute (AHRI) is situated in the south-east portion of the Umkhanyakude district of KwaZulu-Natal province near the town of Mtubatuba. It is bounded on the west by the Umfolozi-Hluhluwe nature reserve, on the south by the Umfolozi river, on the east by the N2 highway (except for portions where the Kwamsane township straddles the highway) and in the north by the Inyalazi river for portions of the boundary. The surveillance area is approximately 850 square kilometres. As of 1st July 2022, there were 154 815 people under surveillance of whom 32% were not resident within the surveillance area, with about 2.5 m person years of observation. 30 % of the population is under 15 years old. The population is almost exclusively isiZulu speaking. The surveillance area is typical of many rural areas of South Africa in that while predominantly rural, it contains an urban township and informal peri-urban settlements. The area is characterized by large variations in population densities (20-3000 people per square kilometre). The area lies between latitudes -28°24' and 28°20'N and longitudes 32°10' and 31°58'E

#### UNIVERSE

Households resident in dwellings within the study area will be eligible for inclusion in the household component of SAPRIN. All individuals identified by the household proxy informant as a member of the household will be enumerated. A resident household member is an individual that intends to sleep the majority of time at the dwelling occupied by the household over a four-month period. Households will include resident and non-resident members. An individual is a non-resident member if they have close ties to the household, but do not physically reside with the household most of the time. They can also be called temporary migrants and they are enumerated within the household list. Because household membership is not tied to physical residency, an individual may be a member of more than one household.

## Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

| Name                | Affiliation |
|---------------------|-------------|
| Dr Kobus Herbst     | SAPRIN      |
| Prof Mark Collinson | SAPRIN      |
| Tinofa Mutevedzi    | SAPRIN      |
| Prof Steve Tollman  | Agincourt   |
| Dr Eric Maimela     | DIMAMO      |
| Prof Willem Hanekom | AHRI        |

#### OTHER PRODUCER(S)

| Name                       | Affiliation | Role                 |
|----------------------------|-------------|----------------------|
| Dr Molulaqhoob Linda Maoyi | SAPRIN      | Technical Assistance |
| Mfundo Khumalo             | SAPRIN      | Technical Assistance |
| Daniel Ohene-Kwofie        | Agincourt   | Technical Assistance |
| Joseph Tlouyamma           | DIMAMO      | Technical Assistance |
| Dickman Gareta             | AHRI        | Technical Assistance |

#### FUNDING

| Name  | Abbreviation | Role           |
|---|--------------|----------------|
| Department of Science and Innovation - South African Population Research Infrastructure Network | DSI          | Current Funder |

## Metadata Production

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### METADATA PRODUCED BY

| Name                    | Abbreviation | Affiliation | Role  |
|-------------------------|--------------|-------------|---|
| Molulaqhooa Linda Maoyi | MLM          | SAPRIN      | Documentation of Study and Review of the metadata |
| Mfundo Khumalo          | MK           | SAPRIN      | Documentation of Study and Review of the metadata |

### DATE OF METADATA PRODUCTION

2024-01-24

### DDI DOCUMENT VERSION

Version 2 (January 2024)

### DDI DOCUMENT ID

DDI.SAPRIN.SC19IHO2023V2

## Sampling

### **Sampling Procedure**

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This dataset is not based on a sample but contains information from the complete demographic surveillance areas.

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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| Start      | End        | Cycle  |
|------------|------------|--------|
| 2020-04-15 | 2023-07-31 | SAPRIN |

### Time Periods

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| Start      | End | Cycle  |
|------------|-----|--------|
| 2020-04-15 |     | SAPRIN |



## Data Processing

No content available

## Data Appraisal

No content available

## File Description

## Variable List

**SC19HO2023v1**

Content

Cases 57384

Variable(s) 161

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

| ID   | NAME               | LABEL  | TYPE     | FORMAT    | QUESTION |
|------|--------------------|--|----------|-----------|----------|
| V294 | NodeId             | Node unique identifier   | discrete | numeric   |          |
| V295 | HouseholdId        | Household unique identifier  | contin   | numeric   |          |
| V296 | Proxy_Sex          | Proxy_Sex  | discrete | numeric   |          |
| V297 | Proxy_DateOfBirth  | Proxy respondent date of birth   | discrete | character |          |
| V298 | InterviewDate      | Interview date   | discrete | character |          |
| V299 | LocationId         | Location unique identifier   | contin   | numeric   |          |
| V300 | Sourceld           | Sourceld   | discrete | numeric   |          |
| V301 | Proxy_IIIntID      | Proxy Unique identifier  | contin   | numeric   |          |
| V302 | IsUrbanOrRural     | IsUrbanOrRural   | discrete | numeric   |          |
| V303 | ar01               | ar01   | discrete | numeric   |          |
| V304 | ar03_Handwashing   | ar03_Handwashing   | discrete | numeric   |          |
| V305 | ar03_AvoidCrowds   | ar03_AvoidCrowds   | discrete | numeric   |          |
| V306 | ar03_AvoidSocial   | ar03_AvoidSocial   | discrete | numeric   |          |
| V307 | ar03_AvoidTaxis    | ar03_AvoidTaxis  | discrete | numeric   |          |
| V308 | ar03_AvoidOut      | ar03_AvoidOut  | discrete | numeric   |          |
| V309 | ar03_AvoidWork     | ar03_AvoidWork   | discrete | numeric   |          |
| V310 | ar03_AvoidTravel   | ar03_AvoidTravel   | discrete | numeric   |          |
| V311 | ar03_Facemasks     | ar03_Facemasks   | discrete | numeric   |          |
| V312 | ar03_Gloves        | ar03_Gloves  | discrete | numeric   |          |
| V313 | ar03_Sanitizer     | ar03_Sanitizer   | discrete | numeric   |          |
| V314 | ar03_Other         | ar03_Other   | discrete | numeric   |          |
| V315 | ar04               | Specify some action you and your household have done as a results of household | discrete | character |          |
| V316 | xx11_School        | xx11_School  | discrete | numeric   |          |
| V317 | xx11_Church        | xx11_Church  | discrete | numeric   |          |
| V318 | xx11_Leaders       | xx11_Leaders   | discrete | numeric   |          |
| V319 | ar03_AvoidChurch   | ar03_AvoidChurch   | discrete | numeric   |          |
| V320 | ar03_AvoidShopping | ar03_AvoidShopping   | discrete | numeric   |          |
| V321 | ar03_AvoidBars     | ar03_AvoidBars   | discrete | numeric   |          |

|      |                           |                           |          |           |
|------|---------------------------|---------------------------|----------|-----------|
| V322 | ar03_AvoidHealth          | ar03_AvoidHealth          | discrete | numeric   |
| V323 | ar03_AvoidSchool          | ar03_AvoidSchool          | discrete | numeric   |
| V324 | ar03_AvoidContact         | ar03_AvoidContact         | discrete | numeric   |
| V325 | ar03_AvoidFamily          | ar03_AvoidFamily          | discrete | numeric   |
| V326 | ar03_AvoidFriends         | ar03_AvoidFriends         | discrete | numeric   |
| V327 | ar03_AvoidTouchFace       | ar03_AvoidTouchFace       | discrete | numeric   |
| V328 | ar03_Nothing              | ar03_Nothing              | discrete | numeric   |
| V329 | xx12                      | Specify others            | discrete | character |
| V330 | hs13                      | Specify other             | discrete | character |
| V331 | hi02_Afraid               | hi02_Afraid               | discrete | numeric   |
| V332 | hi02_Lockdown             | hi02_Lockdown             | discrete | numeric   |
| V333 | hi02_OtherNotOut          | hi02_OtherNotOut          | discrete | numeric   |
| V334 | hi02_Unafford             | hi02_Unafford             | discrete | numeric   |
| V335 | hi02_ClinicClosed         | hi02_ClinicClosed         | discrete | numeric   |
| V336 | hi02_Other                | hi02_Other                | discrete | character |
| V337 | hi12_NoDecrease           | hi12_NoDecrease           | discrete | numeric   |
| V338 | hi13                      | Specify other             | discrete | character |
| V339 | so13                      | Specify other             | discrete | character |
| V340 | AvoidTouchFace            | AvoidTouchFace            | discrete | numeric   |
| V341 | ProxyHouseHoldMemmbership | ProxyHouseHoldMemmbership | discrete | numeric   |
| V342 | covid_member_intid        | covid_member_intid        | discrete | numeric   |
| V343 | covid_member_DOB          | covid_member_DOB          | discrete | numeric   |
| V344 | currently_resident        | currently_resident        | discrete | numeric   |
| V345 | member_self_answered      | member_self_answered      | discrete | numeric   |
| V346 | prior_covid_test          | prior_covid_test          | discrete | numeric   |
| V347 | prior_covid_dx            | prior_covid_dx            | discrete | numeric   |
| V348 | prior_covid_dx_date       | prior_covid_dx_date       | discrete | character |
| V349 | prior_covid_hosp          | prior_covid_hosp          | discrete | numeric   |
| V350 | vaccinated                | vaccinated                | discrete | numeric   |
| V351 | vaccinated_dose1_when     | vaccinated_dose1_when     | discrete | numeric   |
| V352 | vaccine_dose1             | vaccine_dose1             | discrete | numeric   |
| V353 | vaccinated_where_dose1    | vaccinated_where_dose1    | discrete | numeric   |
| V354 | vaccinated_dose2          | vaccinated_dose2          | discrete | numeric   |
| V355 | vaccinated_dose2_when     | vaccinated_dose2_when     | discrete | numeric   |
| V356 | vaccine_dose2             | vaccine_dose2             | discrete | numeric   |
| V357 | vaccinated_where_dose2    | vaccinated_where_dose2    | discrete | numeric   |
| V358 | va12                      | va12                      | discrete | numeric   |
| V359 | va13                      | va13                      | discrete | numeric   |
| V360 | va14                      | va14                      | discrete | numeric   |
| V361 | va15                      | va15                      | discrete | numeric   |
| V362 | sx_pos_hhm1_sx            | sx_pos_hhm1_sx            | discrete | numeric   |

|      |                           |                           |          |         |
|------|---------------------------|---------------------------|----------|---------|
| V363 | sx_pos_hhm1_sx_other      | sx_pos_hhm1_sx_other      | discrete | numeric |
| V364 | sx_pos_hhm1_sx_child      | sx_pos_hhm1_sx_child      | discrete | numeric |
| V365 | sx_onset_hhm1             | sx_onset_hhm1             | discrete | numeric |
| V366 | case_contact_hhm1         | case_contact_hhm1         | discrete | numeric |
| V367 | case_con_hhm1_set         | case_con_hhm1_set         | discrete | numeric |
| V368 | case_contact_hhm1_desc    | case_contact_hhm1_desc    | discrete | numeric |
| V369 | hcw_hhm1                  | hcw_hhm1                  | discrete | numeric |
| V370 | hcw_type_hhm1             | hcw_type_hhm1             | discrete | numeric |
| V371 | hcw_other_hhm1            | hcw_other_hhm1            | discrete | numeric |
| V372 | hcf_visit_hhm1            | hcf_visit_hhm1            | discrete | numeric |
| V373 | visit_facility_type       | visit_facility_type       | discrete | numeric |
| V374 | international_travel_hhm1 | international_travel_hhm1 | discrete | numeric |
| V375 | travel_to_where           | travel_to_where           | discrete | numeric |
| V376 | travel_where_sa           | travel_where_sa           | discrete | numeric |
| V377 | int_travel_hhm1           | int_travel_hhm1           | discrete | numeric |
| V378 | travel_history_roster     | travel_history_roster     | discrete | numeric |
| V379 | travel_transport_medium   | travel_transport_medium   | discrete | numeric |
| V380 | travel_history_country    | travel_history_country    | discrete | numeric |
| V381 | travel_history_dep_date   | travel_history_dep_date   | discrete | numeric |
| V382 | travel_history_ret_date   | travel_history_ret_date   | discrete | numeric |
| V383 | tm01                      | tm01                      | discrete | numeric |
| V384 | tm02                      | tm02                      | discrete | numeric |
| V385 | tm03                      | tm03                      | discrete | numeric |
| V386 | tm04                      | tm04                      | discrete | numeric |
| V387 | tm05                      | tm05                      | discrete | numeric |
| V388 | tm06                      | tm06                      | discrete | numeric |
| V389 | RoundUid                  | RoundUid                  | contin   | numeric |
| V390 | ch11                      | ch11                      | discrete | numeric |
| V391 | ch12                      | ch12                      | discrete | numeric |
| V392 | ch13                      | ch13                      | discrete | numeric |
| V393 | co11                      | co11                      | discrete | numeric |
| V394 | co12                      | co12                      | discrete | numeric |
| V395 | hcf_visit_hhm11           | hcf_visit_hhm11           | discrete | numeric |
| V396 | hi01                      | hi01                      | discrete | numeric |
| V397 | hi03                      | hi03                      | discrete | numeric |
| V398 | hi14                      | hi14                      | discrete | numeric |
| V399 | hi05_LostJob              | hi05_LostJob              | discrete | numeric |
| V400 | hi05_UnpaidLeave          | hi05_UnpaidLeave          | discrete | numeric |
| V401 | hi12_Business             | hi12_Business             | discrete | numeric |
| V402 | hi12_FriendsFamily        | hi12_FriendsFamily        | discrete | numeric |
| V403 | hi12_Grants               | hi12_Grants               | discrete | numeric |

|      |                        |  |          |         |
|------|------------------------|--|----------|---------|
| V404 | hi12_LostJob           | hi12_LostJob                                 | discrete | numeric |
| V405 | hi12_NoIncomeBefore    | hi12_NoIncomeBefore                          | discrete | numeric |
| V406 | hi12_Unpaid            | hi12_Unpaid                                  | discrete | numeric |
| V407 | hs01                   | hs01   | discrete | numeric |
| V408 | hs12                   | hs12   | discrete | numeric |
| V409 | hv01                   | hv01   | discrete | numeric |
| V410 | hv02                   | How many such visitors were there yesterday? | contin   | numeric |
| V411 | so11                   | so11   | discrete | numeric |
| V412 | so14                   | so14   | discrete | numeric |
| V413 | so15                   | so15   | discrete | numeric |
| V414 | so16                   | so16   | discrete | numeric |
| V415 | so17                   | so17   | discrete | numeric |
| V416 | so18                   | so18   | discrete | numeric |
| V417 | so12_Moved             | so12_Moved                                   | discrete | numeric |
| V418 | so12_MovedIn           | so12_MovedIn                                 | discrete | numeric |
| V419 | so12_MovedOut          | so12_MovedOut                                | discrete | numeric |
| V420 | st11                   | st11   | discrete | numeric |
| V421 | st12                   | st12   | discrete | numeric |
| V422 | st13                   | st13   | discrete | numeric |
| V423 | st14                   | st14   | discrete | numeric |
| V424 | st15                   | st15   | discrete | numeric |
| V425 | st16                   | st16   | discrete | numeric |
| V426 | st21                   | st21   | discrete | numeric |
| V427 | st22                   | st22   | discrete | numeric |
| V428 | st23                   | st23   | discrete | numeric |
| V429 | st24                   | st24   | discrete | numeric |
| V430 | st25                   | st25   | discrete | numeric |
| V431 | st26                   | st26   | discrete | numeric |
| V432 | st27                   | st27   | discrete | numeric |
| V433 | st28                   | st28   | discrete | numeric |
| V434 | tm11                   | tm11   | discrete | numeric |
| V435 | tm12                   | tm12   | discrete | numeric |
| V436 | xx01                   | xx01   | discrete | numeric |
| V437 | xx11_GovWebsite        | xx11_GovWebsite                              | discrete | numeric |
| V438 | xx11_Health            | xx11_Health                                  | discrete | numeric |
| V439 | xx11_News              | xx11_News                                    | discrete | numeric |
| V440 | xx11_OthWebsite        | xx11_OthWebsite                              | discrete | numeric |
| V441 | xx11_Others            | xx11_Others                                  | discrete | numeric |
| V442 | xx11_Posters           | xx11_Posters                                 | discrete | numeric |
| V443 | xx11_Radio             | xx11_Radio                                   | discrete | numeric |
| V444 | xx11_SignificantOthers | xx11_SignificantOthers                       | discrete | numeric |



|      |                  |                  |          |           |
|------|------------------|------------------|----------|-----------|
| V445 | xx11_SocialMedia | xx11_SocialMedia | discrete | numeric   |
| V446 | xx11_TV          | xx11_TV          | discrete | numeric   |
| V447 | xx11_TradHealers | xx11_TradHealers | discrete | numeric   |
| V448 | xx11_WhatsApp    | xx11_WhatsApp    | discrete | numeric   |
| V449 | hi021            | hi021            | discrete | numeric   |
| V450 | hs11             | hs11             | discrete | numeric   |
| V451 | h02_other        | h02_other        | discrete | character |
| V452 | hs12_other       | hs12_other       | discrete | numeric   |
| V453 | hi11             | hi11             | discrete | numeric   |
| V454 | so12_other       | so12_other       | discrete | numeric   |

**SC19IO2023v1**

Content

Cases 277408

Variable(s) 132

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

| ID   | NAME                    | LABEL  | TYPE     | FORMAT    | QUESTION |
|------|-------------------------|--|----------|-----------|----------|
| V455 | NodeId                  |  | discrete | numeric   |          |
| V456 | IndividualId            | Unique individual identifier                   | contin   | numeric   |          |
| V457 | HouseholdId             | Unique HouseholdId identifier                  | contin   | numeric   |          |
| V458 | InterviewDate           | Unique Location identifier                     | discrete | character |          |
| V459 | DateOfBirth             | Unique Location identifier                     | discrete | character |          |
| V460 | Sex                     | Sex  | discrete | numeric   |          |
| V461 | IsUrbanOrRural          | IsUrbanOrRural                                 | discrete | numeric   |          |
| V462 | LocationId              | Unique Location identifier                     | contin   | numeric   |          |
| V463 | vaccinated_dose1_when   | Have you been vaccinated against Covid-19?     | discrete | character |          |
| V464 | prior_covid_dx_date     | When were you first diagnosed with COVID-19?   | discrete | character |          |
| V465 | vaccinated_dose2_when   | If yes, when did you receive your second dose? | discrete | character |          |
| V466 | sx_LossSmell            | Loss og smell                                  | discrete | numeric   |          |
| V467 | currently_resident      | currently_resident                             | discrete | numeric   |          |
| V468 | sx_Any                  | Any symptoms                                   | discrete | numeric   |          |
| V469 | sx_child_Any            | Child Any                                      | discrete | numeric   |          |
| V470 | travel_where_sa_EC      | I have travelled to Eastern Cape               | discrete | numeric   |          |
| V471 | travel_where_sa_FS      | I have travelled to Free State                 | discrete | numeric   |          |
| V472 | travel_where_sa_GT      | I have travelled to Gauteng                    | discrete | numeric   |          |
| V473 | travel_where_sa_KZ      | I have travelled to KwaZulu Natal              | discrete | numeric   |          |
| V474 | travel_where_sa_LP      | I have travelled to Limpopo                    | discrete | numeric   |          |
| V475 | travel_where_sa_MP      | I have travelled to Mpumalanga                 | discrete | numeric   |          |
| V476 | travel_where_sa_NC      | I have travelled to Northen Cape               | discrete | numeric   |          |
| V477 | travel_where_sa_NW      | I have travelled to North West                 | discrete | numeric   |          |
| V478 | travel_where_sa_WC      | I have travelled to Western Cape               | discrete | numeric   |          |
| V479 | member_self_answered    | member_self_answered                           | discrete | numeric   |          |
| V480 | sx_onset_hhm1           | What was your earliest date of symptoms onset? | discrete | character |          |
| V481 | travel_history_dep_date | Date of departure (travel to area)             | discrete | character |          |
| V482 | travel_history_ret_date | Date of return (travel from area)              | discrete | character |          |

|      |                          |   |          |         |
|------|--------------------------|---|----------|---------|
| V483 | Vaccine_Avail_noCost     | Vaccine_Avail_noCost  | discrete | numeric |
| V484 | case_con_hhm1_Healthcare | Have you been in close contact with known COVID-19 case on Healthcare Setting | discrete | numeric |
| V485 | case_con_hhm1_Household  | Have you been in close contact with known COVID-19 case on Household Setting  | discrete | numeric |
| V486 | case_con_hhm1_Other      | case_con_hhm1_Other   | discrete | numeric |
| V487 | case_con_hhm1_Transport  | Have you been in close contact with known COVID-19 case on other setting      | discrete | numeric |
| V488 | case_con_hhm1_Work       | Have you been in close contact with known COVID-19 case on Workplace          | discrete | numeric |
| V489 | sx_BodyPains             | Body Pains  | discrete | numeric |
| V490 | sx_Chills                | Chills  | discrete | numeric |
| V491 | sx_Confusion             | sx_NauseaVomiting   | discrete | numeric |
| V492 | sx_Cough                 | Coughing  | discrete | numeric |
| V493 | sx_Diarrhea              | Diarrhea  | discrete | numeric |
| V494 | sx_Fever                 | I have fever and body temepreature >= 38 degrees                              | discrete | numeric |
| V495 | sx_LossTaste             | Loss of taste   | discrete | numeric |
| V496 | sx_NauseaVomiting        | Nausea Vomiting   | discrete | numeric |
| V497 | sx_Other                 | Other symptoms  | discrete | numeric |
| V498 | sx_Other_specified       | Other specified   | discrete | numeric |
| V499 | sx_ShortBreath           | Short Breath  | discrete | numeric |
| V500 | sx_SoreThroat            | Sore Throat   | discrete | numeric |
| V501 | sx_Weakness              | sx_ShortBreath  | discrete | numeric |
| V502 | sx_child_Lethargy        | Child Lethargy  | discrete | numeric |
| V503 | sx_child_PoorFeeding     | Child Poor Feeding  | discrete | numeric |
| V504 | va12_avoid_illness       | It would be the best way to avoid getting seriously ill from COVID-19         | discrete | numeric |
| V505 | va12_chronic             | I have chronic health condition   | discrete | numeric |
| V506 | va12_feel_safe           | It would allow me to feel safe around other people                            | discrete | numeric |
| V507 | va12_none                | None  | discrete | numeric |
| V508 | va12_normalcy            | Life won't go back to normal until most people are vaccinated                 | discrete | numeric |
| V509 | va12_other               | Other (specify)   | discrete | numeric |
| V510 | va12_protect_community   | Proctect my community   | discrete | numeric |
| V511 | va12_protect_family      | Proctect my family  | discrete | numeric |
| V512 | va12_protect_self        | Proctect my self  | discrete | numeric |
| V513 | va12_recommended         | If my doctor, nurse or health worker recommends it                            | discrete | numeric |
| V514 | va14_allergic            | I am Allergic   | discrete | numeric |
| V515 | va14_community_not       | Community do not get vaccines in general                                      | discrete | numeric |
| V516 | va14_expensive           | It might be expensive   | discrete | numeric |
| V517 | va14_ineffective         | I don't think that the vaccine will work                                      | discrete | numeric |
| V518 | va14_infected            | It will be too late because we will have already been infected                | discrete | numeric |

|      |                        |  |          |         |
|------|------------------------|--|----------|---------|
| V519 | va14_needles           | I am afraid of needles   | discrete | numeric |
| V520 | va14_no_vaccines       | No access to vaccine   | discrete | numeric |
| V521 | va14_none              | No reason not to get a vaccine against COVID 19                                  | discrete | numeric |
| V522 | va14_not_concerned     | Not concerned to get ill from coronavirus  | discrete | numeric |
| V523 | va14_not_serious       | The coronavirus outbreak is not as serious as some people say it is              | discrete | numeric |
| V524 | va14_other             | Other reasons to not get a vaccine against COVID-19                              | discrete | numeric |
| V525 | va14_side_effects      | I am concerned about side effects from the vaccine                               | discrete | numeric |
| V526 | va14_travel            | I expect vaccination site will require long/expensive travel                     | discrete | numeric |
| V527 | va14_vaccine_infect    | I would be concerned about getting infected with the coronavirus from the vaccin | discrete | numeric |
| V528 | va14_waiting           | I expect vaccination site will be open inconvenient hours/require long wait time | discrete | numeric |
| V529 | case_contact_hhm1      | case_contact_hhm1  | discrete | numeric |
| V530 | case_contact_hhm1_desc | If Other, specify contact  | discrete | numeric |
| V531 | gad2_1                 | gad2_1   | discrete | numeric |
| V532 | phq2_2                 | phq2_2   | discrete | numeric |
| V533 | prior_covid_dx         | prior_covid_dx   | discrete | numeric |
| V534 | prior_covid_hosp       | prior_covid_hosp   | discrete | numeric |
| V535 | prior_covid_test       | prior_covid_test   | discrete | numeric |
| V536 | gad2_2                 | gad2_2   | discrete | numeric |
| V537 | hcf_visit_hhm1         | hcf_visit_hhm1   | discrete | numeric |
| V538 | hcw_hhm1               | hcw_hhm1   | discrete | numeric |
| V539 | hcw_other_hhm1         | If other healthcare worker, describe   | discrete | numeric |
| V540 | hcw_type_hhm1          | hcw_type_hhm1  | discrete | numeric |
| V541 | int_travel_hhm1        | If travelled, how many countries travelled?                                      | discrete | numeric |
| V542 | phq2_1                 | phq2_1   | discrete | numeric |
| V543 | rk11                   | rk11   | discrete | numeric |
| V544 | rk12                   | rk12   | discrete | numeric |
| V545 | rk13                   | rk13   | discrete | numeric |
| V546 | st11                   | st11   | discrete | numeric |
| V547 | st12                   | st12   | discrete | numeric |
| V548 | st13                   | st13   | discrete | numeric |
| V549 | st14                   | st14   | discrete | numeric |
| V550 | st15                   | st15   | discrete | numeric |
| V551 | st16                   | st16   | discrete | numeric |
| V552 | st21                   | st21   | discrete | numeric |
| V553 | st22                   | st22   | discrete | numeric |
| V554 | st23                   | st23   | discrete | numeric |
| V555 | st24                   | st24   | discrete | numeric |
| V556 | st25                   | st25   | discrete | numeric |

|      |                         |                         |          |           |
|------|-------------------------|-------------------------|----------|-----------|
| V557 | st26                    | st26                    | discrete | numeric   |
| V558 | st27                    | st27                    | discrete | numeric   |
| V559 | st28                    | st28                    | discrete | numeric   |
| V560 | tm01                    | tm01                    | discrete | numeric   |
| V561 | tm02                    | tm02                    | discrete | numeric   |
| V562 | tm03                    | tm03                    | discrete | numeric   |
| V563 | tm04                    | tm04                    | discrete | numeric   |
| V564 | tm06                    | Other, specify          | contin   | numeric   |
| V565 | tm05_Care               | To visit care centre    | discrete | numeric   |
| V566 | tm05_Exercise           | To exercise?            | discrete | numeric   |
| V567 | tm05_Food               | To get food?            | discrete | numeric   |
| V568 | tm05_Other              | Other                   | discrete | numeric   |
| V569 | tm05_Visit              | To visit somewhere?     | discrete | numeric   |
| V570 | tm05_Work               | To get to work?         | discrete | numeric   |
| V571 | vaccinated              | vaccinated              | discrete | numeric   |
| V572 | vaccinated_where_dose1  | vaccinated_where_dose1  | discrete | numeric   |
| V573 | vaccinated_where_dose2  | vaccinated_where_dose2  | discrete | numeric   |
| V574 | vaccine_dose1           | vaccine_dose1           | discrete | numeric   |
| V575 | vaccine_dose2           | vaccine_dose2           | discrete | numeric   |
| V576 | visit_facility_type     | visit_facility_type     | discrete | numeric   |
| V577 | xx13                    | xx13                    | discrete | numeric   |
| V578 | xx15                    | xx15                    | discrete | numeric   |
| V579 | xx16                    | xx16                    | discrete | numeric   |
| V580 | xx17                    | xx17                    | discrete | numeric   |
| V581 | vaccinated_dose2        | vaccinated_dose2        | discrete | numeric   |
| V582 | international_trav_hhm1 | international_trav_hhm1 | discrete | numeric   |
| V583 | travel_to_where         | travel_to_where         | discrete | numeric   |
| V584 | travel_history_roster   | Travel History          | discrete | character |
| V585 | travel_history_country  | Country Visited         | discrete | character |
| V586 | travel_transport_medium | travel_transport_medium | discrete | numeric   |



## Node unique identifier (NodeId)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 57384  
 Invalid: 0

## Household unique identifier (HouseholdId)

File: SC19HO2023v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-39437

Valid cases: 57384  
 Invalid: 0  
 Minimum: 1  
 Maximum: 39437  
 Mean: 16202.4  
 Standard deviation: 10134.8

## Proxy\_Sex (Proxy\_Sex)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-2

Valid cases: 57316  
 Invalid: 68

## Proxy respondent date of birth (Proxy\_DateOfBirth)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 39558  
 Minimum: NaN  
 Maximum: NaN

## Interview date (InterviewDate)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 57384  
 Minimum: NaN  
 Maximum: NaN

## Location unique identifier (LocationId)

File: SC19HO2023v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-34959

Valid cases: 57384  
 Invalid: 0  
 Minimum: 1  
 Maximum: 34959  
 Mean: 14892.7  
 Standard deviation: 8993.8

## Sourceld (Sourceld)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 39  
 Decimals: 0  
 Range: 1-3

Valid cases: 57384  
 Invalid: 0

## Proxy Unique identifier (Proxy\_IIIntID)

### File: SC19HO2023v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 71-300787

Valid cases: 14028  
 Invalid: 43356  
 Minimum: 71  
 Maximum: 300787  
 Mean: 173202.9  
 Standard deviation: 74863.5

## IsUrbanOrRural (IsUrbanOrRural)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 57384  
 Invalid: 0

## ar01 (ar01)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 43468  
 Invalid: 13916

## ar03\_Handwashing (ar03\_Handwashing)

### File: SC19HO2023v1

#### Overview



Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41729  
 Invalid: 15655

## ar03\_AvoidCrowds (ar03\_AvoidCrowds) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41354  
 Invalid: 16030

## ar03\_AvoidSocial (ar03\_AvoidSocial) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41334  
 Invalid: 16050

## ar03\_AvoidTaxis (ar03\_AvoidTaxis) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_AvoidOut (ar03\_AvoidOut) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41329  
 Invalid: 16055

## ar03\_AvoidWork (ar03\_AvoidWork) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_AvoidTravel (ar03\_AvoidTravel) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_Facemasks (ar03\_Facemasks) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_Gloves (ar03\_Gloves) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_Sanitizer (ar03\_Sanitizer) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

## ar03\_Other (ar03\_Other) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 41328  
 Invalid: 16056

Specify some action you and your household have done as a results of household (ar04)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: character  
 Width: 35

Valid cases: 37880  
 Invalid: 0

xx11\_School (xx11\_School)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34262  
 Invalid: 23122

xx11\_Church (xx11\_Church)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34262  
 Invalid: 23122

xx11\_Leaders (xx11\_Leaders)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34262  
 Invalid: 23122

ar03\_AvoidChurch (ar03\_AvoidChurch)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 30120  
 Invalid: 27264

## ar03\_AvoidShopping (ar03\_AvoidShopping) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 30120  
 Invalid: 27264

## ar03\_AvoidBars (ar03\_AvoidBars) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_AvoidHealth (ar03\_AvoidHealth) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_AvoidSchool (ar03\_AvoidSchool) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_AvoidContact (ar03\_AvoidContact) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_AvoidFamily (ar03\_AvoidFamily) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_AvoidFriends (ar03\_AvoidFriends) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 16481  
 Invalid: 40903

## ar03\_AvoidTouchFace (ar03\_AvoidTouchFace) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 18886  
 Invalid: 38498

## ar03\_Nothing (ar03\_Nothing) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 27715  
 Invalid: 29669

## Specify others (xx12) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 19

Valid cases: 50554  
Invalid: 0

## Specify other (hs13) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 4

Valid cases: 50554  
Invalid: 0

## hi02\_Afraid (hi02\_Afraid) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 16505  
Invalid: 40879

## hi02\_Lockdown (hi02\_Lockdown) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 16505  
Invalid: 40879

## hi02\_OtherNotOut (hi02\_OtherNotOut) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 16505  
Invalid: 40879

## hi02\_Unafford (hi02\_Unafford) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 16505  
Invalid: 40879

## hi02\_ClinicClosed (hi02\_ClinicClosed)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 16505  
 Invalid: 40879

## hi02\_Other (hi02\_Other)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 4

Valid cases: 57384  
 Invalid: 0

## hi12\_NoDecrease (hi12\_NoDecrease)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## Specify other (hi13)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 60

Valid cases: 50560  
 Invalid: 0

## Specify other (so13)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 4

Valid cases: 50554  
 Invalid: 0

## AvoidTouchFace (AvoidTouchFace)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## ProxyHouseHoldMemmmbership (ProxyHouseHoldMemmmbership)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 37437  
 Invalid: 19947

## covid\_member\_intid (covid\_member\_intid)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## covid\_member\_DOB (covid\_member\_DOB)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## currently\_resident (currently\_resident)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## member\_self\_answered (member\_self\_answered)

### File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384



prior\_covid\_test (prior\_covid\_test)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

prior\_covid\_dx (prior\_covid\_dx)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

prior\_covid\_dx\_date (prior\_covid\_dx\_date)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 0

prior\_covid\_hosp (prior\_covid\_hosp)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

vaccinated (vaccinated)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

vaccinated\_dose1\_when (vaccinated\_dose1\_when)

File: SC19HO2023v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

vaccine\_dose1 (vaccine\_dose1)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

vaccinated\_where\_dose1 (vaccinated\_where\_dose1)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

vaccinated\_dose2 (vaccinated\_dose2)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

vaccinated\_dose2\_when (vaccinated\_dose2\_when)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

vaccine\_dose2 (vaccine\_dose2)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

## vaccinated\_where\_dose2 (vaccinated\_where\_dose2)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## va12 (va12)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## va13 (va13)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## va14 (va14)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## va15 (va15)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## sx\_pos\_hhm1\_sx (sx\_pos\_hhm1\_sx)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

sx\_pos\_hhm1\_sx\_other (sx\_pos\_hhm1\_sx\_other)  
 File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

sx\_pos\_hhm1\_sx\_child (sx\_pos\_hhm1\_sx\_child)  
 File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

sx\_onset\_hhm1 (sx\_onset\_hhm1)  
 File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

case\_contact\_hhm1 (case\_contact\_hhm1)  
 File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

case\_con\_hhm1\_set (case\_con\_hhm1\_set)  
 File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## case\_contact\_hhm1\_desc (case\_contact\_hhm1\_desc)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hcw\_hhm1 (hcw\_hhm1)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hcw\_type\_hhm1 (hcw\_type\_hhm1)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hcw\_other\_hhm1 (hcw\_other\_hhm1)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hcf\_visit\_hhm1 (hcf\_visit\_hhm1)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## visit\_facility\_type (visit\_facility\_type)

File: SC19HO2023v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

international\_travel\_hhm1 (international\_travel\_hhm1)  
File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

travel\_to\_where (travel\_to\_where)  
File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

travel\_where\_sa (travel\_where\_sa)  
File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

int\_travel\_hhm1 (int\_travel\_hhm1)  
File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

travel\_history\_roster (travel\_history\_roster)  
File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

## travel\_transport\_medium (travel\_transport\_medium)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## travel\_history\_country (travel\_history\_country)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## travel\_history\_dep\_date (travel\_history\_dep\_date)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## travel\_history\_ret\_date (travel\_history\_ret\_date)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## tm01 (tm01)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## tm02 (tm02)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

tm03 (tm03)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

tm04 (tm04)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

tm05 (tm05)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

tm06 (tm06)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

RoundUid (RoundUid)

File: SC19HO2023v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 30-64

Valid cases: 236  
 Invalid: 57148  
 Minimum: 30  
 Maximum: 64  
 Mean: 59.9  
 Standard deviation: 7.2



## ch11 (ch11)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 39  
 Decimals: 0  
 Range: 1-6

Valid cases: 33642  
 Invalid: 23742

## ch12 (ch12)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 39  
 Decimals: 0  
 Range: 1-6

Valid cases: 18450  
 Invalid: 38934

## ch13 (ch13)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 13  
 Decimals: 0  
 Range: 1-3

Valid cases: 18442  
 Invalid: 38942

## co11 (co11)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 1-3

Valid cases: 23054  
 Invalid: 34330

## co12 (co12)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 1-3

Valid cases: 23053  
 Invalid: 34331

## hcf\_visit\_hhm11 (hcf\_visit\_hhm11)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hi01 (hi01)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 44084  
 Invalid: 13300

## hi03 (hi03)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 38767  
 Invalid: 18617

## hi14 (hi14)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 33643  
 Invalid: 23741

## hi05\_LostJob (hi05\_LostJob)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 211  
 Invalid: 57173

## hi05\_UnpaidLeave (hi05\_UnpaidLeave)

File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 211  
 Invalid: 57173

## hi12\_Business (hi12\_Business)

### File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## hi12\_FriendsFamily (hi12\_FriendsFamily)

### File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## hi12\_Grants (hi12\_Grants)

### File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## hi12\_LostJob (hi12\_LostJob)

### File: SC19HO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## hi12\_NoIncomeBefore (hi12\_NoIncomeBefore)

### File: SC19HO2023v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 34261  
Invalid: 23123

## hi12\_Unpaid (hi12\_Unpaid) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 34261  
Invalid: 23123

## hs01 (hs01) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 20969  
Invalid: 36415

## hs12 (hs12) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-4

Valid cases: 232  
Invalid: 57152

## hv01 (hv01) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 44086  
Invalid: 13298

## How many such visitors were there yesterday? (hv02) File: SC19HO2023v1

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -2-30

Valid cases: 3768  
Invalid: 53616  
Minimum: -2  
Maximum: 30  
Mean: 2.4  
Standard deviation: 2

so11 (so11)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 22698  
Invalid: 34686

so14 (so14)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: 1-4

Valid cases: 23054  
Invalid: 34330

so15 (so15)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: 1-4

Valid cases: 23055  
Invalid: 34329

so16 (so16)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: 1-4

Valid cases: 23055  
Invalid: 34329

so17 (so17)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 1-4

Valid cases: 23054  
 Invalid: 34330

so18 (so18)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 1-4

Valid cases: 23055  
 Invalid: 34329

so12\_Moved (so12\_Moved)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 13858  
 Invalid: 43526

so12\_MovedIn (so12\_MovedIn)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 13858  
 Invalid: 43526

so12\_MovedOut (so12\_MovedOut)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 13858  
 Invalid: 43526

st11 (st11)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 21070  
Invalid: 36314

st12 (st12)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 20962  
Invalid: 36422

st13 (st13)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 20960  
Invalid: 36424

st14 (st14)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 20916  
Invalid: 36468

st15 (st15)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 20913  
Invalid: 36471

st16 (st16)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 21143  
Invalid: 36241

## st21 (st21) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 22577  
Invalid: 34807

## st22 (st22) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 22546  
Invalid: 34838

## st23 (st23) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 22542  
Invalid: 34842

## st24 (st24) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 20938  
Invalid: 36446

## st25 (st25) File: SC19HO2023v1

### Overview



Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 21030  
Invalid: 36354

st26 (st26)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 21080  
Invalid: 36304

st27 (st27)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 22346  
Invalid: 35038

st28 (st28)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 22399  
Invalid: 34985

tm11 (tm11)

File: SC19HO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 33430  
Invalid: 23954

tm12 (tm12)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 33491  
 Invalid: 23893

xx01 (xx01)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 38  
 Decimals: 0  
 Range: 1-5

Valid cases: 28220  
 Invalid: 29164

xx11\_GovWebsite (xx11\_GovWebsite)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

xx11\_Health (xx11\_Health)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

xx11\_News (xx11\_News)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

xx11\_OthWebsite (xx11\_OthWebsite)

File: SC19HO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_Others (xx11\_Others)

File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 28369  
 Invalid: 29015

## xx11\_Posters (xx11\_Posters)

File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_Radio (xx11\_Radio)

File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_SignificantOthers (xx11\_SignificantOthers)

File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_SocialMedia (xx11\_SocialMedia)

File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_TV (xx11\_TV) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_TradHealers (xx11\_TradHealers) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## xx11\_WhatsApp (xx11\_WhatsApp) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 34261  
 Invalid: 23123

## hi021 (hi021) File: SC19HO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 57384

## hs11 (hs11) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

## h02\_other (h02\_other) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

## hs12\_other (hs12\_other) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 57384

## hi11 (hi11) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 0  
Invalid: 57384

## so12\_other (so12\_other) File: SC19HO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 57384

## (NodeId)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 277408  
 Invalid: 0

## Unique individual identifier (IndividualId)

File: SC19IO2023v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 2-300795

Valid cases: 277408  
 Invalid: 0  
 Minimum: 2  
 Maximum: 300795  
 Mean: 109197.5  
 Standard deviation: 76854

## Unique HouseholdId identifier (HouseholdId)

File: SC19IO2023v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-39436

Valid cases: 277374  
 Invalid: 34  
 Minimum: 1  
 Maximum: 39436  
 Mean: 15165.8  
 Standard deviation: 9466.9

## Unique Location identifier (InterviewDate)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 277374  
 Minimum: NaN  
 Maximum: NaN

## Unique Location identifier (DateOfBirth)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 277407  
 Minimum: NaN  
 Maximum: NaN

## Sex (Sex)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 277372  
 Invalid: 36

## IsUrbanOrRural (IsUrbanOrRural)

### File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 277374  
 Invalid: 34

## Unique Location identifier (LocationId)

### File: SC19IO2023v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-34957

Valid cases: 277374  
 Invalid: 34  
 Minimum: 1  
 Maximum: 34957  
 Mean: 14035.8  
 Standard deviation: 8468.7

## Have you been vaccinated against Covid-19? (vaccinated\_dose1\_when)

### File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 32625  
 Minimum: NaN  
 Maximum: NaN

## When were you first diagnosed with COVID-19? (prior\_covid\_dx\_date)

### File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 675  
 Minimum: NaN  
 Maximum: NaN

## If yes, when did you receive your second dose? (vaccinated\_dose2\_when)

### File: SC19IO2023v1

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 8183  
Minimum: NaN  
Maximum: NaN

## Loss og smell (sx\_LossSmell)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97725  
Invalid: 179683

## currently\_resident (currently\_resident)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -999999999-2

Valid cases: 240545  
Invalid: 36863

## Any symptoms (sx\_Any)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97816  
Invalid: 179592

## Child Any (sx\_child\_Any)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97682  
Invalid: 179726

## I have travelled to Eastern Cape (travel\_where\_sa\_EC)

File: SC19IO2023v1

### Overview



Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97691  
Invalid: 179717

## I have travelled to Free State (travel\_where\_sa\_FS) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97690  
Invalid: 179718

## I have travelled to Gauteng (travel\_where\_sa\_GT) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97690  
Invalid: 179718

## I have travelled to KwaZulu Natal (travel\_where\_sa\_KZ) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97697  
Invalid: 179711

## I have travelled to Limpopo (travel\_where\_sa\_LP) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 97690  
Invalid: 179718

## I have travelled to Mpumalanga (travel\_where\_sa\_MP) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 97691  
 Invalid: 179717

## I have travelled to Northern Cape (travel\_where\_sa\_NC) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 97690  
 Invalid: 179718

## I have travelled to North West (travel\_where\_sa\_NW) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 97690  
 Invalid: 179718

## I have travelled to Western Cape (travel\_where\_sa\_WC) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 97690  
 Invalid: 179718

## member\_self\_answered (member\_self\_answered) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-2

Valid cases: 224376  
 Invalid: 53032

## What was your earliest date of symptoms onset? (sx\_onset\_hhm1) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 11

Valid cases: 457  
Minimum: NaN  
Maximum: NaN

## Date of departure (travel to area) (travel\_history\_dep\_date) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 11

Valid cases: 0

## Date of return (travel from area) (travel\_history\_ret\_date) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: character  
Width: 11

Valid cases: 0

## Vaccine\_Avail\_noCost (Vaccine\_Avail\_noCost) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 20  
Decimals: 0  
Range: 1-4

Valid cases: 0  
Invalid: 277408

## Have you been in close contact with known COVID-19 case on Healthcare Setting (case\_con\_hhm1\_Healthcare) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69977  
Invalid: 207431

## Have you been in close contact with known COVID-19 case on Household Setting (case\_con\_hhm1\_Household) File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69973  
Invalid: 207435

## case\_con\_hhm1\_Other (case\_con\_hhm1\_Other)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69972  
 Invalid: 207436

## Have you been in close contact with known COVID-19 case on other setting (case\_con\_hhm1\_Transport)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69972  
 Invalid: 207436

## Have you been in close contact with known COVID-19 case on Workplace (case\_con\_hhm1\_Work)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69973  
 Invalid: 207435

## Body Pains (sx\_BodyPains)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69970  
 Invalid: 207438

## Chills (sx\_Chills)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69919  
 Invalid: 207489

## sx\_NauseaVomiting (sx\_Confusion)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69917  
Invalid: 207491

## Coughing (sx\_Cough)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 70221  
Invalid: 207187

## Diarrhea (sx\_Diarrhea)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69909  
Invalid: 207499

## I have fever and body temepreature $\geq 38$ degrees (sx\_Fever)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 70018  
Invalid: 207390

## Loss of taste (sx\_LossTaste)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69919  
Invalid: 207489

## Nausea Vomiting (sx\_NauseaVomiting)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69928  
Invalid: 207480

## Other symptoms (sx\_Other)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69934  
Invalid: 207474

## Other specified (sx\_Other\_specified)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 0  
Invalid: 277408

## Short Breath (sx\_ShortBreath)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69930  
Invalid: 207478

## Sore Throat (sx\_SoreThroat)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 69983  
Invalid: 207425

## sx\_ShortBreath (sx\_Weakness)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69948  
 Invalid: 207460

## Child Lethargy (sx\_child\_Lethargy)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69889  
 Invalid: 207519

## Child Poor Feeding (sx\_child\_PoorFeeding)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 69889  
 Invalid: 207519

## It would be the best way to avoid getting seriously ill from COVID-19 (va12\_avoid\_illness)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 86615  
 Invalid: 190793

## I have chronic health condition (va12\_chronic)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 86135  
 Invalid: 191273

It would allow me to feel safe around other people (va12\_feel\_safe)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86001  
Invalid: 191407

None (va12\_none)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 87283  
Invalid: 190125

Life won't go back to normal until most people are vaccinated

(va12\_normalcy)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86335  
Invalid: 191073

Other (specify) (va12\_other)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86020  
Invalid: 191388

Protect my community (va12\_protect\_community)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 88914  
Invalid: 188494



## Protect my family (va12\_protect\_family)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 90395  
Invalid: 187013

## Protect my self (va12\_protect\_self)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 89312  
Invalid: 188096

## If my doctor, nurse or health worker recommends it (va12\_recommended)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86016  
Invalid: 191392

## I am Allergic (va14\_allergic)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86284  
Invalid: 191124

## Community do not get vaccines in general (va14\_community\_not)

File: SC19IO2023v1

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86039  
Invalid: 191369

It might be expensive (va14\_expensive)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 85971  
Invalid: 191437

I don't think that the vaccine will work (va14\_ineffective)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86301  
Invalid: 191107

It will be too late because we will have already been infected  
(va14\_infected)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 85972  
Invalid: 191436

I am afraid of needles (va14\_needles)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86314  
Invalid: 191094

No access to vaccine (va14\_no\_vaccines)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86141  
Invalid: 191267

## No reason not to get a vaccine against COVID 19 (va14\_none)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 86105  
 Invalid: 191303

## Not concerned to get ill from coronavirus (va14\_not\_concerned)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 86080  
 Invalid: 191328

## The coronavirus outbreak is not as serious as some people say it is (va14\_not\_serious)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 85969  
 Invalid: 191439

## Other reasons to not get a vaccine against COVID-19 (va14\_other)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 90461  
 Invalid: 186947

## I am concerned about side effects from the vaccine (va14\_side\_effects)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 86469  
 Invalid: 190939

I expect vaccination site will require long/expensive travel

(va14\_travel)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 85972  
Invalid: 191436

I would be concerned about getting infected with the coronavirus from the vaccin (va14\_vaccine\_infect)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 86088  
Invalid: 191320

I expect vaccination site will be open inconvenient hours/require long wait time (va14\_waiting)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 85973  
Invalid: 191435

case\_contact\_hhm1 (case\_contact\_hhm1)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 223088  
Invalid: 54320

If Other, specify contact (case\_contact\_hhm1\_desc)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 277408

## gad2\_1 (gad2\_1)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 36851  
Invalid: 240557

## phq2\_2 (phq2\_2)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 36846  
Invalid: 240562

## prior\_covid\_dx (prior\_covid\_dx)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 277408

## prior\_covid\_hosp (prior\_covid\_hosp)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 112086  
Invalid: 165322

## prior\_covid\_test (prior\_covid\_test)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 213778  
Invalid: 63630

gad2\_2 (gad2\_2)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 23  
 Decimals: 0  
 Range: 1-4

Valid cases: 36844  
 Invalid: 240564

hcf\_visit\_hhm1 (hcf\_visit\_hhm1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 201462  
 Invalid: 75946

hcw\_hhm1 (hcw\_hhm1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 203587  
 Invalid: 73821

If other healthcare worker, describe (hcw\_other\_hhm1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 277408

hcw\_type\_hhm1 (hcw\_type\_hhm1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0-6

Valid cases: 90  
 Invalid: 277318

If travelled, how many countries travelled? (int\_travel\_hhm1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 4035  
 Invalid: 273373

phq2\_1 (phq2\_1)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 23  
 Decimals: 0  
 Range: 1-4

Valid cases: 36855  
 Invalid: 240553

rk11 (rk11)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 25  
 Decimals: 0  
 Range: 1-7

Valid cases: 24573  
 Invalid: 252835

rk12 (rk12)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 24530  
 Invalid: 252878

rk13 (rk13)

File: SC19IO2023v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 20  
 Decimals: 0  
 Range: 1-5

Valid cases: 24563  
 Invalid: 252845

st11 (st11)

File: SC19IO2023v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 70832  
Invalid: 206576

## st12 (st12)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 70833  
Invalid: 206575

## st13 (st13)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 70597  
Invalid: 206811

## st14 (st14)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 70635  
Invalid: 206773

## st15 (st15)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 1-4

Valid cases: 70635  
Invalid: 206773

## st16 (st16)

### File: SC19IO2023v1

#### Overview



Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-4

Valid cases: 71606  
Invalid: 205802

st21 (st21)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 80421  
Invalid: 196987

st22 (st22)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 80401  
Invalid: 197007

st23 (st23)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 80413  
Invalid: 196995

st24 (st24)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 76502  
Invalid: 200906

st25 (st25)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 76937  
Invalid: 200471

st26 (st26)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 77011  
Invalid: 200397

st27 (st27)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 80316  
Invalid: 197092

st28 (st28)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 80476  
Invalid: 196932

tm01 (tm01)

File: SC19IO2023v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 192905  
Invalid: 84503

tm02 (tm02)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 96920  
 Invalid: 180488

tm03 (tm03)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 43831  
 Invalid: 233577

tm04 (tm04)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 43805  
 Invalid: 233603

Other, specify (tm06)

File: SC19IO2023v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-99

Valid cases: 10  
 Invalid: 277398  
 Minimum: 0  
 Maximum: 99  
 Mean: 10.6  
 Standard deviation: 31.1

To visit care centre (tm05\_Care)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140771  
 Invalid: 136637

To exercise? (tm05\_Exercise)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140792  
 Invalid: 136616

## To get food? (tm05\_Food)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140938  
 Invalid: 136470

## Other (tm05\_Other)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140803  
 Invalid: 136605

## To visit somewhere? (tm05\_Visit)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140872  
 Invalid: 136536

## To get to work? (tm05\_Work)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 140798  
 Invalid: 136610

## vaccinated (vaccinated)

### File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 143223  
 Invalid: 134185

## vaccinated\_where\_dose1 (vaccinated\_where\_dose1)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 61  
 Decimals: 0  
 Range: 1-98

Valid cases: 29612  
 Invalid: 247796

## vaccinated\_where\_dose2 (vaccinated\_where\_dose2)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 61  
 Decimals: 0  
 Range: 1-98

Valid cases: 7369  
 Invalid: 270039

## vaccine\_dose1 (vaccine\_dose1)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 26  
 Decimals: 0  
 Range: 1-6

Valid cases: 47156  
 Invalid: 230252

## vaccine\_dose2 (vaccine\_dose2)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-98

Valid cases: 12433  
 Invalid: 264975

## visit\_facility\_type (visit\_facility\_type)

File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 293  
 Invalid: 277115

xx13 (xx13)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 26  
 Decimals: 0  
 Range: 1-5

Valid cases: 24574  
 Invalid: 252834

xx15 (xx15)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 26  
 Decimals: 0  
 Range: 1-5

Valid cases: 24574  
 Invalid: 252834

xx16 (xx16)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 26  
 Decimals: 0  
 Range: 1-5

Valid cases: 24559  
 Invalid: 252849

xx17 (xx17)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 26  
 Decimals: 0  
 Range: 1-5

Valid cases: 24563  
 Invalid: 252845

vaccinated\_dose2 (vaccinated\_dose2)

File: SC19IO2023v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18510  
 Invalid: 258898

## international\_trav\_hhm1 (international\_trav\_hhm1) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 193934  
 Invalid: 83474

## travel\_to\_where (travel\_to\_where) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 61  
 Decimals: 0  
 Range: 1-3

Valid cases: 19  
 Invalid: 277389

## Travel History (travel\_history\_roster) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## Country Visited (travel\_history\_country) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## travel\_transport\_medium (travel\_transport\_medium) File: SC19IO2023v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 277408

