

# South Africa - AHRI:Health and Demographic Surveillance System: Deaths and Causes of Death from Verbal Autopsies (2000-2024)

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## Identification

### SURVEY ID NUMBER

AHRI.VerbalAutopsy.Harmonisation

### TITLE

AHRI:Health and Demographic Surveillance System: Deaths and Causes of Death from Verbal Autopsies (2000-2024)

### COUNTRY

| Name         | Country code |
|--------------|--------------|
| South Africa | ZA           |

### ABSTRACT

This dataset documents deaths and causes of deaths captured through verbal autopsies among participants of the Africa Health Research Institute's Health and Demographic Surveillance System from 2000 to 2024. Verbal autopsy (VA) is a standardized method of cause of death estimation and based on a structured post-mortem survey administered to the final caretaker of the deceased about medical history and symptoms preceding deaths (Chandramohan et al. 2021). A total of 27,431 deaths were recorded over this period, 26,290 (95.8%) of which have completed verbal autopsies.

The datasets includes demographic information (age, sex), probable causes of death, detailed verbal autopsy symptoms, and information on death setting and health services utilization prior to death. Probable causes of death were estimated using two automated algorithms, InterVA5 (Byass et al. 2019) and InSilicoVA (McCormick et al. 2016), which assign cause-of-death probabilities based on reported symptoms and demographic characteristics. Both algorithms are based on the same set of prior probabilities, however their method of estimation differ. InterVA5 uses a deterministic formula to estimate causes of death for each death, and selects up to three most probable causes (Byass et al. 2019). These probabilities can be summed to analyze cause specific mortality fractions at the population level. By contrast, InSilicoVA uses bayesian estimation methods to estimate causes of death at the individual level and at the population level with credible intervals (McCormick et al. 2016). For InSilicoVA, we include here the top causes of death at the individual level<sup>1</sup>. To analyze cause-specific mortality trends at the population level with InSilicoVA, we advise users to run the algorithm using the detailed symptoms to obtain cause-specific mortality fractions and credible intervals at the level fitted to their analysis (for guidance see Li et al. 2023).

Compared to InterVA5, InSilicoVA does not have pre-defined rules to select the top causes of death (Byass et al. 2012). For this dataset, InSilicoVA's top causes of death were selected according to the following criteria (similar to InterVA's rules) : a cause is considered "Undetermined" if the most probable cause is associated with a mean posterior probability  $\leq 40\%$ , otherwise the most probable cause is selected as the first cause. A second and a third cause are selected, if their mean posterior probability is higher or equal to 20%. We included the 95% posterior credible interval (CI) for each selected cause. Note that a small minority of deaths might have a mean posterior probability outside of their CI due to skewed probability distributions.

There are two datasets:

1) AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1 a dataset documenting all deaths registered in the HDSS during this period, with information on whether a verbal autopsy was completed and probable causes of death estimated through InterVA5 and InSilicoVA. Probable stillbirths are included among deaths, as they are subject to verbal autopsies and diagnosis may remain uncertain. Users might consider removing them for mortality analyses.

2) AHRI.HDSS.VA-detailed-input-data-2000-2024.v1, a dataset that includes detailed verbal autopsy symptoms and circumstances of death data (healthcare access, cost of care... - D'Ambruoso et al. 2016, 2021) for deaths with completed verbal autopsies. It can be used to run the algorithms. It also includes five additional covid-related symptoms, which are not used for cause of death estimation. Its format corresponds to the input required to run the algorithms, so these variables are not labelled. The variable values are as follows 'y' = 'yes', 'n' = 'no' and '-' = 'I don't know or not applicable'.

Some question labels are too long to appear in full on this document. Please refer to the "Variables documentation" in the resource files for the full question corresponding to the variable.

These datasets encompass 25 years of data collection, during which the VA questionnaires evolved. The data have been harmonized across questionnaire versions to create a consistent dataset suitable for longitudinal analyses of mortality and

cause-specific mortality patterns. We evaluated the impact of questionnaire evolutions on cause of death estimation and highlight limited but noticeable cause-dependent discrepancies between 2000-2016 and 2017-2024, for more information see the harmonization report in the resource files (soon to be made available in the resource files).

Resource files include:

- VA Questionnaires: all versions of VA questionnaires (four main versions : 2000-2009, 2010-2016, 2017-2021, 2022-2024)
- Variable documentation: documents the availability of each variable depending on the VA questionnaire version
- Causetext\_VA\_causes\_and\_ICD10\_equivalent.csv: a spreadsheet with the classification of causes of death used by InterVA and InSilicoVA and their ICD-10 equivalent.
- Mapping files: correspondence tables documenting which variables from the historical data are used to produced the harmonized dataset
- Harmonization report (that will be made available soon): describing the harmonization process and the consistency analysis carried out to assess comparability of cause-of-death estimation across questionnaire versions.

The code used to harmonize the data and estimate causes of death is also available on Github  
[https://github.com/AHRIORG/VACovert.jl/releases/tag/release\\_v.1](https://github.com/AHRIORG/VACovert.jl/releases/tag/release_v.1)

## References

- Byass, Peter, Daniel Chandramohan, Samuel J. Clark, et al. 2012. 'Strengthening Standardised Interpretation of Verbal Autopsy Data: The New InterVA-4 Tool'. *Global Health Action* 5 (1): 19281. <https://doi.org/10.3402/gha.v5i0.19281>.
- Byass, Peter, Laith Hussain-Alkhateeb, Lucia D'Ambruoso, et al. 2019. 'An Integrated Approach to Processing WHO-2016 Verbal Autopsy Data: The InterVA-5 Model'. *BMC Medicine* 17 (1): 102. <https://doi.org/10.1186/s12916-019-1333-6>.
- Chandramohan, Daniel, Edward Fottrell, Jordana Leitao, et al. 2021. 'Estimating Causes of Death Where There Is No Medical Certification: Evolution and State of the Art of Verbal Autopsy'. *Global Health Action* 14 (sup1): 1982486. <https://doi.org/10.1080/16549716.2021.1982486>.
- D'Ambruoso, Lucia, Kathleen Kahn, Ryan G. Wagner, et al. 2016. 'Moving from Medical to Health Systems Classifications of Deaths: Extending Verbal Autopsy to Collect Information on the Circumstances of Mortality'. *Global Health Research and Policy* 1 (1): 2. <https://doi.org/10.1186/s41256-016-0002-y>.
- D'Ambruoso, Lucia, Jessica Price, Eilidh Cowan, et al. 2021. 'Refining Circumstances of Mortality Categories (COMCAT): A Verbal Autopsy Model Connecting Circumstances of Deaths with Outcomes for Public Health Decision-Making'. *Global Health Action* 14 (sup1): 2000091. <https://doi.org/10.1080/16549716.2021.2000091>.
- Gareta, Dickman, Kathy Baisley, Thobeka Mngomezulu, et al. 2021. 'Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and Population-Based HIV Survey'. *International Journal of Epidemiology* 50 (1): 33-34. <https://doi.org/10.1093/ije/dyaa264>.
- Li, Zehang Richard, Jason Thomas, Eungang Choi, Tyler H. McCormick, and Samuel J. Clark. 2023. 'The openVA Toolkit for Verbal Autopsies'. *The R Journal*, February 25, 1.
- McCormick, Tyler H., Zehang Richard Li, Clara Calvert, Amelia C. Crampin, Kathleen Kahn, and Samuel J. Clark. 2016. 'Probabilistic Cause-of-Death Assignment Using Verbal Autopsies'. *Journal of the American Statistical Association* 111 (515): 1036-49. <https://doi.org/10.1080/01621459.2016.1152191>.

## KIND OF DATA

Population surveillance (death registration) and survey data (verbal autopsies)

## UNIT OF ANALYSIS

Deceased individuals

## Version

### VERSION DESCRIPTION

v1.0.0

## Scope

### TOPICS

| Topic   | Vocabulary                       | URI          |
|---|----------------------------------|--------------|
| Population Surveillance, Deaths, Causes of death, Verbal Autopsy, Circumstances of death Harmonisa data | Africa Health Research Institute | www.ahri.org |

### KEYWORDS

| Keyword  | Vocabulary                       | URI          |
|--|----------------------------------|--------------|
| South Africa, mortality, deaths, causes of death, verbal autopsy, surveillance | Africa Health Research Institute | www.ahri.org |

## Coverage

### GEOGRAPHIC COVERAGE

AHRI's Health and Demographic Surveillance System (HDSS) in uMkhanyakude District, KwaZulu-Natal, South Africa. From 2000 to 2016, the HDSS covered an area of 438 km<sup>2</sup> with a population of approximately 85 000 people. It expanded in 2017 to cover an area of 845 km<sup>2</sup> and ~150,000 participants (Gareta et al. 2021). .

### UNIVERSE

AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1: All participants of AHRI's HDSS deceased between 01-01-2000 and 31-12-2024

AHRI.HDSS.VA-detailed-input-data-2000-2024.v1: All deceased in AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1 with a complete verbal autopsy

## Producers and sponsors

### PRIMARY INVESTIGATORS

| Name                 | Affiliation   |
|----------------------|---|
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| Dr. Alison Castle    | Africa Health Research Institute  |
| Dr. Guy Harling      | Africa Health Research Institute  |
| Prof. Mark Siedner   | Africa Health Research Institute  |
| Prof. Janet Seeley   | Africa Health Research Institute  |
| Prof. Collins Iwuji  | Africa Health Research Institute  |
| Prof. Willem Hanekom | Africa Health Research Institute  |
| Dr. Kobus Herbst     | Africa Health Research Institute  |

## PRODUCERS

| Name                             | Abbreviation |
|----------------------------------|--------------|
| Africa Health Research Institute | AHRI         |

## FUNDING AGENCY/SPONSOR

| Name   | Abbreviation | Role         |
|--|--------------|--------------|
| Wellcome Trust                               | WT           | Core funding |
| SAPRIN                                       | SAPRIN       |              |
| Ecole des Hautes Etudes en Sciences Sociales | EHESS        |              |
| French Institute of Demographic Studies      | INED         |              |

## OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

| Name   | Affiliation                      | Role                 |
|--|----------------------------------|----------------------|
| Sweetness Dube   | Africa Health Research Institute | Data Documentation   |
| AHRI Data Collection Team  | Africa Health Research Institute | Data Collection      |
| AHRI Community Engagement Team   | Africa Health Research Institute | Community Engagement |
| Nompumelelo Mkwazazi   | Africa Health Research Institute | Community Engagement |
| We thank the household members of the HDSS. We acknowledge the support of the study and field staff at the Africa Health Research Institute, particularly the verbal autopsy nurses, who made this study possible  | Africa Health Research Institute | Data Documentation   |
| We would also like to thank the openVA team who developed and implemented the tools used here to estimate causes of death and provided support during part of the production process. In particular, we would like to thank Jason Thomas, Sam Clark, Zehang Richard Li and Tyler McCormick | Africa Health Research Institute | Data Documentation   |

## Sampling

## SAMPLING PROCEDURE

This dataset is not based on a sample, it contains information from the complete demographic surveillance area.

## Data collection

## DATES OF DATA COLLECTION

| Start      | End        | Cycle                            |
|------------|------------|----------------------------------|
| 2000-01-15 | 2025-07-28 | Data collection dates            |
| 2000-01-01 | 2024-12-31 | Time period:Deaths that occurred |

## Data Processing

## DATA EDITING

Data collection mode

Face-to-face between January 2000 and April 2021.

From May 2021 to 2024, first three attempts are telephonic. If they are not successful interviews attempts are made face to face.

The mode of data collection is documented with the variable VAInterview for each death.

#### Notes on Data Collection

AHRI's HDSS monitors vital events (births, death, in- and out-migration) in the rural district of uMkhanyakude, KwaZulu-Natal, South Africa (Gareta et. al 2021). When a death is recorded, a trained nurses conducts a VA with the caregiver of the deceased, after a bereavement period of at least 3 months.

From 2000 to 2016, verbal autopsies were collected through paper-based questionnaires. In 2017, the data collection process was digitalized. Different questionnaires were used during the period, with four significant changes (2000-2009, 2010-2016, 2017-2021, 2022-2024). For more details, see the harmonization report and Questionnaires in the resource files.

Reference: Gareta, Dickman, Kathy Baisley, Thobeka Mngomezulu, et al. 2021. 'Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and Population-Based HIV Survey'. *International Journal of Epidemiology* 50 (1): 33-34. <https://doi.org/10.1093/ije/dyaa264>.

#### Harmonization Process

These datasets are the result of the harmonization of data collected across 25 years and four different verbal autopsy questionnaires. To ensure transparency and reproducibility, this was carried out using a structured data processing framework implemented in a Julia package, VAConvert. This framework is based on correspondence tables that systematically document which variables from the historical data are used to produced the harmonized input format required by InterVA5 and InSilicoVA (see the harmonization report for more details).

These correspondence tables are available in the resource files (Mapping files) and the code used for harmonization is available on Github (<[https://github.com/AHRIORG/VAConvert.jl/releases/tag/release\\_v.1](https://github.com/AHRIORG/VAConvert.jl/releases/tag/release_v.1)>).

#### Cause-of-death Estimation

Causes of death were estimated using the R package openVA (Li et al. 2023). Default parameters were used for InterVA5 and InSilicoVA. For InSilicoVA, the seed used was 19800508 (date of the declaration of smallpox eradication!). The detailed code is available on Github (<[https://github.com/AHRIORG/VAConvert.jl/releases/tag/release\\_v.1](https://github.com/AHRIORG/VAConvert.jl/releases/tag/release_v.1)>, src/CoD\_attribution.R).

Compared to InterVA5, InSilicoVA does not have pre-defined rules to select the top causes of death (Byass et al. 2012). For this dataset, InSilicoVA's top causes of death were selected according to the following criteria (similar to InterVA's rules): a cause is considered "Undetermined" if the most probable cause is associated with a mean posterior probability  $\leq 40\%$ , otherwise the most probable cause is selected as the first cause. A second and a third cause are selected, if their mean posterior probability is higher or equal to 20%. We included the 95% posterior credible interval (CI) for each selected cause. Note that a small minority of deaths might have a mean posterior probability outside of their CI due to skewed probability distributions.

Reference:

- Byass, Peter, Daniel Chandramohan, Samuel J. Clark, et al. 2012. 'Strengthening Standardised Interpretation of Verbal Autopsy Data: The New InterVA-4 Tool'. *Global Health Action* 5 (1): 19281. <https://doi.org/10.3402/gha.v5i0.19281>.
- Li, Zehang Richard, Jason Thomas, Eungang Choi, Tyler H. McCormick, and Samuel J. Clark. 2023. 'The openVA Toolkit for Verbal Autopsies'. *The R Journal*, February 25, 1.

## Access policy

#### ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository (<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the

dataset using the relevant DOI.

CITATION REQUIREMENTS

Sessego, A., Nxumalo, S., Gareta, D., Castle, A., Harling, G., Siedner, M., Seeley, J., Iwuji, C., Hanekom, W., & Herbst, K. (2026). AHRI:Health and Demographic Surveillance System: Deaths and Causes of Death from Verbal Autopsies (2000-2024) [Data set]. Africa Health Research Institute.

DOI: <https://doi.org/10.23664/AHRI.VERBALAUTOPSY.HARMONISATION>

## Metadata production

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DDI DOCUMENT ID

DDI.AHRI.VerbalAutopsy.Harmonisation

PRODUCERS

| Name                             | Abbreviation |
|----------------------------------|--------------|
| Africa Health Research Institute | AHRI         |

**Data Dictionary**

| <b>Data file</b>                                     | <b>Cases</b> | <b>Variables</b> |
|--|--------------|------------------|
| <b>AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1</b>  | 27431        | 33               |
| <b>AHRI.HDSS.VA-detailed-input-data-2000-2024.v1</b> | 26168        | 359              |



**Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

Cases: 27431

Variables: 33

**Variables**

| ID    | Name              | Label   | Question |
|-------|-------------------|---|----------|
| V4882 | IIIntID           | Unique Internal Id of Individual  |          |
| V4883 | DoB_ym            | Date of birth (Year-Month)  |          |
| V4884 | DoD_ym            | Date of Death (Year-Month)  |          |
| V4885 | Sex               | What was the sex of the deceased?   |          |
| V4886 | Age_in_years      | Age in completed years Numeric  |          |
| V4887 | Age_in_days       | Age in days for deceased that died before the age of 1                          |          |
| V4888 | MissingVA         | Was the verbal autopsy not completed?   |          |
| V4889 | NonContact        | Was it a non-contact?   |          |
| V4890 | VARefused         | Was participation refused ?   |          |
| V4891 | Questionnaire     | Verbal autopsy questionnaire used for data collection (dates are indicative)    |          |
| V4892 | VAVisitDate       | VA Visit Date   |          |
| V4893 | VAlnterviewType   | Interview modality (face-to-face in the field or telephonic)                    |          |
| V4894 | RespRelationship  | Respondent's relationship to deceased (important classification change in 2017) |          |
| V4895 | LivedWithDeceased | Did the respondent live with the deceased in the period leading to death?       |          |
| V4896 | DeathSetting      | Where did the deceased die?   |          |
| V4897 | cause1_InterVA    | Cause 1 - InterVA5 causes of death  |          |
| V4898 | lik1_InterVA      | Likelihood cause 1 - InterVA5 causes of death                                   |          |
| V4899 | cause2_InterVA    | Cause 2 - InterVA5 causes of death  |          |
| V4900 | lik2_InterVA      | Likelihood cause 2 - InterVA5 causes of death                                   |          |
| V4901 | cause3_InterVA    | Cause 3 - InterVA5 causes of death  |          |
| V4902 | lik3_InterVA      | Likelihood cause 3 - InterVA5 causes of death                                   |          |
| V4903 | cause1_InSilicoVA | Cause 1 - InSilicoVA causes of death  |          |
| V4904 | prob1_InSilicoVA  | Probability cause 1 - InSilicoVA causes of death                                |          |
| V4905 | prob1_upper       | Probability cause 1 95% CI upper bound - InSilicoVA                             |          |
| V4906 | prob1_lower       | Probability cause 1 95% CI lower bound InSilicoVA                               |          |
| V4907 | cause2_InSilicoVA | Cause 2 - InSilicoVA causes of death  |          |
| V4908 | prob2_InSilicoVA  | Probability cause 2 - InSilicoVA causes of death                                |          |
| V4909 | prob2_upper       | Probability cause 2 95% CI upper bound - InSilicoVA                             |          |
| V4910 | prob2_lower       | Probability cause 2 95% CI lower bound InSilicoVA                               |          |
| V4911 | cause3_InSilicoVA | Cause 3 - InSilicoVA causes of death  |          |
| V4912 | prob3_InSilicoVA  | Probability cause 3 - InSilicoVA causes of death                                |          |
| V4913 | prob3_upper       | Probability cause 3 95% CI upper bound - InSilicoVA                             |          |
| V4914 | prob3_lower       | Probability cause 3 95% CI lower bound InSilicoVA                               |          |

Total: 33

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

Cases: 26168

Variables: 359

**Variables**

| ID    | Name   | Label  | Question |
|-------|--------|--|----------|
| V4915 | llntID |  |          |
| V4916 | i004a  | Did s(he) die during the wet season?   |          |
| V4917 | i004b  | Did s(he) die during the dry season?   |          |
| V4918 | i019a  | Was he male?   |          |
| V4919 | i019b  | Was she female?  |          |
| V4920 | i022a  | Was s(he) aged 65 years or more at death?  |          |
| V4921 | i022b  | Was s(he) aged 50 to 64 years at death?  |          |
| V4922 | i022c  | Was s(he) aged 15 to 49 years at death?  |          |
| V4923 | i022d  | Was s(he) aged 5-14 years at death?  |          |
| V4924 | i022e  | Was s(he) aged 1 to 4 years at death?  |          |
| V4925 | i022f  | Was s(he) aged 1 to 11 months at death?  |          |
| V4926 | i022g  | Was s(he) aged < 1 month (28 days) at death?                                     |          |
| V4927 | i022h  | Was s(he) a live baby who died within 24 hours of birth?                         |          |
| V4928 | i022i  | Was s(he) a baby who died between 24 and 48 hours of birth?                      |          |
| V4929 | i022j  | Was s(he) a baby who died more than 48 hours from birth, but within the first we |          |
| V4930 | i022k  | Was s(he) a baby who died after the first week, but within the first month?      |          |
| V4931 | i022l  | Was she a woman aged 12-19 years at death?                                       |          |
| V4932 | i022m  | Was she a woman aged 20-34 years at death?                                       |          |
| V4933 | i022n  | Was she a woman aged 35 to 49 years at death?                                    |          |
| V4934 | i059o  | Was she married at the time of death?  |          |
| V4935 | i077o  | Did (s)he suffer from any injury or accident that led to her/his death?          |          |
| V4936 | i079o  | Was (s)he injured in a road traffic accident?                                    |          |
| V4937 | i082o  | Was (s)he injured in a non-road transport accident?                              |          |
| V4938 | i083o  | Was (s)he injured in a fall?   |          |
| V4939 | i084o  | Was (s)he poisoned in any way?   |          |
| V4940 | i085o  | Did (s)he die of drowning?   |          |
| V4941 | i086o  | Was (s)he injured by the bite or sting of a venomous animal?                     |          |
| V4942 | i087o  | Was (s)he injured by an animal or insect (non-venomous)                          |          |
| V4943 | i089o  | Was (s)he injured by burns or fire?  |          |
| V4944 | i090o  | Was (s)he subject to violence (suicide, homicide, abuse)?                        |          |
| V4945 | i091o  | Was (s)he injured by a fire arm?   |          |
| V4946 | i092o  | Was (s)he stabbed, cut or pierced?   |          |
| V4947 | i093o  | Was (s)he strangled?   |          |
| V4948 | i094o  | Was (s)he injured by a blunt force?  |          |
| V4949 | i095o  | Was (s)he injured by a force of nature?  |          |
| V4950 | i096o  | Was (s)he electrocuted?  |          |
| V4951 | i098o  | Was the injury accidental?   |          |
| V4952 | i099o  | Was the injury or accident self-inflicted?                                       |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V4953 | i100o | Was the injury or accident intentionally inflicted by someone else?              |          |
| V4954 | i104o | Did the baby ever cry?   |          |
| V4955 | i105o | Did the baby cry immediately after birth, even if only a little bit?             |          |
| V4956 | i106a | Was it more than 5 minutes after birth before the baby first cried?              |          |
| V4957 | i107o | Did the baby stop being able to cry?   |          |
| V4958 | i108a | Did the baby stop crying more than a day before (s)he died?                      |          |
| V4959 | i109o | Did the baby ever move?  |          |
| V4960 | i110o | Did the baby ever breathe?   |          |
| V4961 | i111o | Did the baby breathe immediately after birth, even a little?                     |          |
| V4962 | i112o | Did the baby have a breathing problem?   |          |
| V4963 | i113o | Was the baby given assistance to breathe at birth?                               |          |
| V4964 | i114o | If the baby didn't show any sign of life, was it born dead?                      |          |
| V4965 | i115o | Were there any bruises or signs of injury on child's body after the birth?       |          |
| V4966 | i116o | Was the baby's body soft, pulpy and discoloured with the skin peeling away?      |          |
| V4967 | i120a | Did the final illness last less than 3 weeks?                                    |          |
| V4968 | i120b | Did the final illness last at least 3 weeks?                                     |          |
| V4969 | i123o | Did (s)he die suddenly?  |          |
| V4970 | i125o | Was there any diagnosis by a health professional of tuberculosis?                |          |
| V4971 | i127o | Was there any diagnosis by a health professional of HIV/AIDS?                    |          |
| V4972 | i128o | Did (s)he have a recent positive test by a health professional for malaria?      |          |
| V4973 | i129o | Did (s)he have a recent negative test by a health professional for malaria?      |          |
| V4974 | i130o | Was there any diagnosis by a health professional of dengue fever?                |          |
| V4975 | i131o | Was there any diagnosis by a health professional of measles?                     |          |
| V4976 | i132o | Was there any diagnosis by a health professional of high blood pressure?         |          |
| V4977 | i133o | Was there any diagnosis by a health professional of heart disease?               |          |
| V4978 | i134o | Was there any diagnosis by a health professional of diabetes?                    |          |
| V4979 | i135o | Was there any diagnosis by a health professional of asthma?                      |          |
| V4980 | i136o | Was there any diagnosis by a health professional of epilepsy?                    |          |
| V4981 | i137o | Was there any diagnosis by a health professional of cancer?                      |          |
| V4982 | i138o | Was there any diagnosis by a health professional of Chronic Obstructive Pulmonar |          |
| V4983 | i139o | Was there any diagnosis by a physician or health worker of dementia?             |          |
| V4984 | i140o | Was there any diagnosis by a health professional of depression?                  |          |
| V4985 | i141o | Was there any diagnosis by a health professional of stroke?                      |          |
| V4986 | i142o | Was there any diagnosis by a health professional of sickle cell disease?         |          |
| V4987 | i143o | Was there any diagnosis by a health professional of kidney disease?              |          |
| V4988 | i144o | Was there any diagnosis by a health professional of liver disease?               |          |
| V4989 | i147o | During the illness that led to death, did (s)he have a fever?                    |          |
| V4990 | i148a | Did the fever last less than a week before death?                                |          |
| V4991 | i148b | Did the fever last at least one week, but less than 2 weeks before death?        |          |
| V4992 | i148c | Did the fever last at least 2 weeks before death?                                |          |
| V4993 | i149o | Did the fever continue until death?  |          |
| V4994 | i150a | Was the fever severe?  |          |
| V4995 | i151a | Was the fever continuous?  |          |
| V4996 | i152o | Did (s)he have night sweats?   |          |
| V4997 | i153o | During the illness that led to death, did (s)he have a cough?                    |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V4998 | i154a | Did the cough last less than 3 weeks before death?                               |          |
| V4999 | i154b | Did the cough last at least 3 weeks before death?                                |          |
| V5000 | i155o | Was the cough productive, with sputum?   |          |
| V5001 | i156o | Was the cough very severe?   |          |
| V5002 | i157o | Did (s)he cough up blood?  |          |
| V5003 | i158o | Did (s)he make a whooping sound when coughing?                                   |          |
| V5004 | i159o | During the illness that led to death, did (s)he have any difficulty breathing?   |          |
| V5005 | i161a | Did the difficult breathing last for at least 3 days before death?               |          |
| V5006 | i165a | Was the difficult breathing continuous during this period?                       |          |
| V5007 | i166o | Did (s)he have fast breathing?   |          |
| V5008 | i167a | Did the fast breathing last for less than two weeks before death?                |          |
| V5009 | i167b | Did the fast breathing last for at least 2 weeks before death?                   |          |
| V5010 | i168o | Did (s)he have breathlessness?   |          |
| V5011 | i169a | Did the breathlessness last for less than 2 weeks before death?                  |          |
| V5012 | i169b | Did the breathlessness last for at least 2 weeks before death?                   |          |
| V5013 | i170o | Was (s)he unable to carry out daily routines due to breathlessness?              |          |
| V5014 | i171o | Was (s)he breathless while lying flat?   |          |
| V5015 | i172o | Did you see the lower chest wall/ribs being pulled in as the child breathed?     |          |
| V5016 | i173a | Did his/her breathing sound like wheezing or grunting?                           |          |
| V5017 | i174o | During the illness that led to death, did (s)he have chest pain?                 |          |
| V5018 | i175o | Was the chest pain severe?   |          |
| V5019 | i176a | Did (s)he experience chest pain at least 3 days before death?                    |          |
| V5020 | i178a | Did the chest pain last for at least 30 minutes?                                 |          |
| V5021 | i181o | Did (s)he have diarrhoea?  |          |
| V5022 | i182a | Did (s)he have diarrhoea for less than 2 weeks before death?                     |          |
| V5023 | i182b | Did (s)he have diarrhoea for at least 2 weeks but less than 4 weeks before death |          |
| V5024 | i182c | Did (s)he have diarrhoea for at least 4 weeks before death?                      |          |
| V5025 | i183a | Did the baby or child have at least 4 stools on the day that loose liquid stools |          |
| V5026 | i184a | Did the frequent loose or liquid stools start at least 3 days before death?      |          |
| V5027 | i185o | Did the frequent loose or liquid stools continue up until death?                 |          |
| V5028 | i186o | At any time during the final illness was there blood in the stools?              |          |
| V5029 | i187o | Was there blood in the stool up until death?                                     |          |
| V5030 | i188o | During the illness that led to death, did (s)he vomit?                           |          |
| V5031 | i189o | Did (s)he vomit in the week preceding the death?                                 |          |
| V5032 | i190o | Did (s)he vomit for at least 3 days before death?                                |          |
| V5033 | i191o | Was there blood in the vomit?  |          |
| V5034 | i192o | Was the vomit black?   |          |
| V5035 | i193o | During the illness that led to death, did (s)he have any abdominal (belly) probl |          |
| V5036 | i194o | Did (s)he have abdominal pain?   |          |
| V5037 | i195o | Was the abdominal pain severe?   |          |
| V5038 | i197a | Did (s)he have severe abdominal pain for less than 2 weeks before death?         |          |
| V5039 | i197b | Did (s)he have severe abdominal pain for at least 2 weeks before death?          |          |
| V5040 | i199a | Was the pain in the upper abdomen?   |          |
| V5041 | i199b | Was the pain in the lower abdomen?   |          |
| V5042 | i200o | Did (s)he have a more than usually protruding abdomen?                           |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V5043 | i201a | Did (s)he have a more than usually protruding abdomen for less than 2 weeks befo |          |
| V5044 | i201b | Did (s)he have a more than usually protruding abdomen for at least 2 weeks befor |          |
| V5045 | i203a | Did (s)he develop the protruding abdomen rapidly?                                |          |
| V5046 | i204o | Did (s)he have any mass in the abdomen?  |          |
| V5047 | i205a | Did (s)he have a mass in the abdomen for less than 2 weeks before death?         |          |
| V5048 | i205b | Did (s)he have a mass in the abdomen for at least 2 weeks before death?          |          |
| V5049 | i207o | During the illness that led to death, did (s)he have a severe headache?          |          |
| V5050 | i208o | During the illness that led to death, did (s)he have a stiff neck?               |          |
| V5051 | i209a | Did (s)he have a stiff neck for less than one week before death?                 |          |
| V5052 | i209b | Did (s)he have a stiff neck for at least one week before death?                  |          |
| V5053 | i210o | During the illness that led to death, did (s)he have a painful neck?             |          |
| V5054 | i211a | Did (s)he have a painful neck for at least one week before death?                |          |
| V5055 | i212o | During the illness that led to death, did (s)he have mental confusion?           |          |
| V5056 | i213o | Did (s)he have mental confusion for at least 3 months before death?              |          |
| V5057 | i214o | During the illness that led to death, was (s)he unconscious?                     |          |
| V5058 | i215o | Was (s)he unconscious for at least 24 hours before death?                        |          |
| V5059 | i216a | Was (s)he unconscious for at least 6 hours before death?                         |          |
| V5060 | i217o | Did the unconsciousness start suddenly, quickly (at least within a single day)?  |          |
| V5061 | i218o | Did the unconsciousness continue until death?                                    |          |
| V5062 | i219o | During the illness that led to death, did (s)he have any convulsions?            |          |
| V5063 | i220o | Did (s)he experience any generalized convulsions or fits?                        |          |
| V5064 | i221a | Did the convulsions last for less than 10 minutes?                               |          |
| V5065 | i221b | Did the convulsions last for at least 10 minutes?                                |          |
| V5066 | i222o | Did (s)he become unconscious immediately after the convulsion?                   |          |
| V5067 | i223o | During the illness that led to death, did (s)he have any urine problems?         |          |
| V5068 | i224o | Did (s)he stop urinating?  |          |
| V5069 | i225o | Did (s)he go to urinate more often than usual?                                   |          |
| V5070 | i226o | Did (s)he pass blood in the urine?   |          |
| V5071 | i227o | During the illness that led to death, did (s)he have any sores or ulcers anywher |          |
| V5072 | i228o | Did (s)he have sores?  |          |
| V5073 | i229o | Did the sores have clear fluid and/or pus?                                       |          |
| V5074 | i230o | Did (s)he have an ulcer (pit) on the foot?                                       |          |
| V5075 | i231o | Did any ulcer ooze pus?  |          |
| V5076 | i232a | Did the ulcer ooze pus for at least 2 weeks?                                     |          |
| V5077 | i233o | During the illness that led to death, did (s)he have any skin rash?              |          |
| V5078 | i234a | Did (s)he have the skin rash for less than one week?                             |          |
| V5079 | i234b | Did (s)he have the skin rash for at least one week?                              |          |
| V5080 | i235a | Did (s)he have a rash on the face?   |          |
| V5081 | i235b | Did (s)he have a rash on the trunk or abdomen?                                   |          |
| V5082 | i235c | Did (s)he have a rash on the extremities?  |          |
| V5083 | i235d | Did (s)he have a rash everywhere?  |          |
| V5084 | i236o | Did (s)he have measles rash?   |          |
| V5085 | i237o | Did (s)he ever have shingles or herpes zoster?                                   |          |
| V5086 | i238o | During the illness that led to death, did her/his skin flake off in patches?     |          |
| V5087 | i239o | During the illness that led to death, did he/she have areas of the skin that tur |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V5088 | i240o | During the illness that led to death, did he/she have areas of the skin with red |          |
| V5089 | i241o | During the illness that led to death, did (s)he bleed from anywhere?             |          |
| V5090 | i242o | Did (s)he bleed from the nose, mouth or anus?                                    |          |
| V5091 | i243o | During the illness that led to death, did (s)he have noticeable weight loss?     |          |
| V5092 | i244o | Was (s)he severely thin or wasted?   |          |
| V5093 | i245o | During the illness that led to death, did s/he have a whitish rash inside the mo |          |
| V5094 | i246o | During the illness that led to death, did (s)he have stiffness of the whole body |          |
| V5095 | i247o | During the illness that led to death, did (s)he have puffiness of the face?      |          |
| V5096 | i248a | Did (s)he have puffiness of the face for at least one week before death?         |          |
| V5097 | i249o | During the illness that led to death, did (s)he have swollen legs or feet?       |          |
| V5098 | i250a | Did the swelling last for at least 3 days before death?                          |          |
| V5099 | i251o | Did (s)he have both feet swollen?  |          |
| V5100 | i252o | During the illness that led to death, did (s)he have general puffiness all over  |          |
| V5101 | i253o | During the illness that led to death, did (s)he have any lumps?                  |          |
| V5102 | i254o | Did (s)he have any lumps or lesions in the mouth?                                |          |
| V5103 | i255o | Did (s)he have any lumps in the neck?  |          |
| V5104 | i256o | Did (s)he have any lumps in the armpit?  |          |
| V5105 | i257o | Did (s)he have any lumps in the groin?   |          |
| V5106 | i258o | During the illness that led to death, was (s)he in any way paralysed?            |          |
| V5107 | i259o | Did (s)he have paralysis of only one side of the body?                           |          |
| V5108 | i260a | Was only the right side of the body paralysed?                                   |          |
| V5109 | i260b | Was only the left side of the body paralysed?                                    |          |
| V5110 | i260c | Was only the lower part of the body paralysed?                                   |          |
| V5111 | i260d | Was only the upper part of the body paralysed?                                   |          |
| V5112 | i260e | Was only one leg paralysed?  |          |
| V5113 | i260f | Was only one arm paralysed?  |          |
| V5114 | i260g | Was the entire body paralysed?   |          |
| V5115 | i261o | During the illness that led to death, did (s)he have difficulty swallowing?      |          |
| V5116 | i262a | Did (s)he have difficulty swallowing for at least one week before death?         |          |
| V5117 | i263a | Did (s)he have difficulty with swallowing solids?                                |          |
| V5118 | i263b | Did (s)he have difficulty with swallowing liquids?                               |          |
| V5119 | i264o | Did (s)he have pain upon swallowing?   |          |
| V5120 | i265o | During the illness that led to death, did (s)he have yellow discolouration of th |          |
| V5121 | i266a | Did (s)he have the yellow discolouration for at least 3 weeks before death?      |          |
| V5122 | i267o | During the illness that led to death, did her/his hair change to a reddish or ye |          |
| V5123 | i268o | During the illness that led to death, did (s)he look pale (thinning/lack of bloo |          |
| V5124 | i269o | During the illness that led to death, did (s)he have sunken eyes?                |          |
| V5125 | i270o | During the illness that led to death, did (s)he drink a lot more water than usua |          |
| V5126 | i271o | Was the baby able to suckle or bottle-feed within the first 24 hours after birth |          |
| V5127 | i272o | Did the baby ever suckle in a normal way?  |          |
| V5128 | i273o | Did the baby stop suckling?  |          |
| V5129 | i274a | Did the baby stop suckling on the 2nd day of life or later?                      |          |
| V5130 | i275o | Did the baby have convulsions starting within the first 24 hours of life?        |          |
| V5131 | i276o | Did the baby have convulsions starting more than 24 hours after birth?           |          |
| V5132 | i277o | Did the baby's body become stiff, with the back arched backwards?                |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V5133 | i278o | During the illness that led to death, did the baby have a bulging or raised font |          |
| V5134 | i279o | During the illness that led to death, did the baby have a sunken fontanelle?     |          |
| V5135 | i281o | During the illness that led to death, did the baby become unresponsive or uncons |          |
| V5136 | i282o | Did the baby become unresponsive or unconscious soon after birth, within less th |          |
| V5137 | i283o | Did the baby become unresponsive or unconscious more than 24 hours after birth?  |          |
| V5138 | i284o | During the illness that led to death, did the baby become cold to touch?         |          |
| V5139 | i285a | Was the baby more than 3 days old when it started feeling cold to touch?         |          |
| V5140 | i286o | During the illness that led to death, did the baby become lethargic, after a per |          |
| V5141 | i287o | Did the baby have redness or discharge from the umbilical cord stump?            |          |
| V5142 | i288o | During the illness that led to death, did the baby have skin ulcer(s) or pits?   |          |
| V5143 | i289o | During the illness that led to death, did the baby have yellow skin, palms (hand |          |
| V5144 | i290o | Did the baby or infant appear to be healthy and then just die suddenly?          |          |
| V5145 | i294o | During the illness that led to death, did she have any swelling or lump in the b |          |
| V5146 | i295o | During the illness that led to death, did she have any ulcers (pits) in the brea |          |
| V5147 | i296o | Did she ever have a period or menstruate?  |          |
| V5148 | i297o | During the illness that led to death, did she have excessive vaginal bleeding in |          |
| V5149 | i298o | Was the bleeding excessive?  |          |
| V5150 | i299o | Did her menstrual period stop naturally because of menopause?                    |          |
| V5151 | i300o | Did she have vaginal bleeding after cessation of menstruation?                   |          |
| V5152 | i301o | Was there excessive vaginal bleeding in the week prior to death?                 |          |
| V5153 | i302o | At the time of death was her period overdue?                                     |          |
| V5154 | i303a | Had her period been overdue for at least 4 weeks?                                |          |
| V5155 | i304o | Did she have a sharp pain in her abdomen shortly before death?                   |          |
| V5156 | i305o | Was she pregnant (incl. in labour) at the time of death?                         |          |
| V5157 | i306o | Did she die within 6 weeks of delivery, abortion or miscarriage?                 |          |
| V5158 | i309o | Was she, or had she been, pregnant for less than 6 months when she died?         |          |
| V5159 | i310o | Please confirm: When she died, she was NEITHER pregnant NOR had recently been pr |          |
| V5160 | i312o | Did she die during labour or delivery?   |          |
| V5161 | i313o | Did she die after delivering a baby?   |          |
| V5162 | i314o | Did she die within 24 hours after delivery?                                      |          |
| V5163 | i315o | Did she die within 6 weeks of childbirth?  |          |
| V5164 | i316o | Did she give birth to a live baby (within 6 weeks of her death)?                 |          |
| V5165 | i317o | Did she die during or after a multiple pregnancy?                                |          |
| V5166 | i318o | Was she breastfeeding the child in the days before death?                        |          |
| V5167 | i319a | Did she die during or after her first pregnancy?                                 |          |
| V5168 | i319b | Did she have four or more pregnancies before this one?                           |          |
| V5169 | i320o | Had she had any previous Caesarean section?                                      |          |
| V5170 | i321o | During pregnancy, did she suffer from high blood pressure?                       |          |
| V5171 | i322o | Did she have foul smelling vaginal discharge during pregnancy or after delivery? |          |
| V5172 | i323o | During the last 3 months of pregnancy, did she suffer from convulsions?          |          |
| V5173 | i324o | During the last 3 months of pregnancy did she suffer from blurred vision?        |          |
| V5174 | i325o | Did she have excessive bleeding during pregnancy or shortly after delivery?      |          |
| V5175 | i326o | Was there vaginal bleeding during the first 6 months of pregnancy?               |          |
| V5176 | i327o | Was there vaginal bleeding during the last 3 months of pregnancy but before labo |          |
| V5177 | i328o | Did she have excessive bleeding during labour, before delivery?                  |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V5178 | i329o | Did she have excessive bleeding after delivery or abortion?                      |          |
| V5179 | i330o | Was the placenta completely delivered?   |          |
| V5180 | i331o | Did she deliver or try to deliver an abnormally positioned baby?                 |          |
| V5181 | i332a | Did her labour last longer than 24 hours?  |          |
| V5182 | i333o | Did she attempt to terminate the pregnancy?                                      |          |
| V5183 | i334o | Did she recently have a pregnancy that ended in an abortion (spontaneous or indu |          |
| V5184 | i335o | Did she die during an abortion?  |          |
| V5185 | i336o | Did she die within 6 weeks of having an abortion?                                |          |
| V5186 | i337a | Did the mother deliver at a health facility or clinic?                           |          |
| V5187 | i337b | Did the mother deliver at home?  |          |
| V5188 | i337c | Did the mother deliver elsewhere (not at a health facility nor at home)?         |          |
| V5189 | i338o | Did she receive professional assistance during the delivery?                     |          |
| V5190 | i340o | Did she have an operation to remove her uterus shortly before death?             |          |
| V5191 | i342o | Was the delivery normal vaginal, without forceps or vacuum?                      |          |
| V5192 | i343o | Was the delivery vaginal, with forceps or vacuum?                                |          |
| V5193 | i344o | Was the delivery a Caesarean section?  |          |
| V5194 | i347o | Was her baby born more than one month early?                                     |          |
| V5195 | i354o | Was the child part of a multiple birth?  |          |
| V5196 | i355a | If the child was part of a multiple birth, was it born first?                    |          |
| V5197 | i356o | Is the child's mother still alive?   |          |
| V5198 | i357o | Did the child's mother die during or shortly after the delivery?                 |          |
| V5199 | i358a | Did the child's mother die in the baby's first year of life?                     |          |
| V5200 | i360a | Was the baby born in a health facility or clinic?                                |          |
| V5201 | i360b | Was the baby born at home?   |          |
| V5202 | i360c | Was the baby born somewhere else (e.g. on the way to a clinic)?                  |          |
| V5203 | i361o | Did the mother receive professional assistance during the delivery?              |          |
| V5204 | i362o | At birth, was the baby of usual size?  |          |
| V5205 | i363o | At birth, was the baby smaller than normal (weighing under 2.5 kg)?              |          |
| V5206 | i364o | At birth, was the baby very much smaller than usual, (weighing under 1 kg)?      |          |
| V5207 | i365o | At birth, was the baby larger than normal (weighing over 4.5 kg)?                |          |
| V5208 | i367a | Was the baby born during the ninth month (at least 37 weeks) of pregnancy?       |          |
| V5209 | i367b | Was the baby born during the eighth month (34 to 37 weeks) of pregnancy?         |          |
| V5210 | i367c | Was the baby born before the eighth month (less than 34 weeks) of pregnancy?     |          |
| V5211 | i368o | Were there any complications in the late part of the pregnancy (defined as the l |          |
| V5212 | i369o | Were there any complications during labour or delivery?                          |          |
| V5213 | i370o | Was any part of the baby physically abnormal at time of delivery? (for example:  |          |
| V5214 | i371o | Did the baby/child have a swelling or defect on the back?                        |          |
| V5215 | i372o | Did the baby/child have a very large head?                                       |          |
| V5216 | i373o | Did the baby/child have a very small head?                                       |          |
| V5217 | i376o | Was the baby moving in the last few days before the birth?                       |          |
| V5218 | i377o | Did the baby stop moving in the womb before labour started?                      |          |
| V5219 | i382a | Did labour and delivery take more than 24 hours?                                 |          |
| V5220 | i383o | Was the baby born 24 hours or more after the waters broke?                       |          |
| V5221 | i384o | Was the liquor foul smelling when the waters broke?                              |          |
| V5222 | i385a | Was the liquor a green or brown colour when the waters broke?                    |          |

| ID    | Name  | Label  | Question |
|-------|-------|--|----------|
| V5223 | i387o | Was the delivery normal vaginal, without forceps or vacuum?                      |          |
| V5224 | i388o | Was the delivery vaginal, with forceps or vacuum?                                |          |
| V5225 | i389o | Was the delivery a Caesarean section?  |          |
| V5226 | i391o | Did the child's mother receive any vaccinations since reaching adulthood includi |          |
| V5227 | i393o | Did the mother receive tetanus toxoid (TT) vaccine?                              |          |
| V5228 | i394a | Was this baby born from the mother's first pregnancy?                            |          |
| V5229 | i394b | Did the baby's mother have four or more births before this one?                  |          |
| V5230 | i395o | During labour, did the baby's mother suffer from fever?                          |          |
| V5231 | i396o | During the last 3 months of pregnancy, labour or delivery, did the baby's mother |          |
| V5232 | i397o | Did the baby's mother have diabetes mellitus?                                    |          |
| V5233 | i398o | Did the baby's mother have foul smelling vaginal discharge during pregnancy or a |          |
| V5234 | i399o | During the last 3 months of pregnancy, labour or delivery, did the baby's mother |          |
| V5235 | i400o | During the last 3 months of pregnancy did the baby's mother suffer from blurred  |          |
| V5236 | i401o | Did the baby's mother have severe anaemia?                                       |          |
| V5237 | i402o | Did the baby's mother have vaginal bleeding during the last 3 months of pregnanc |          |
| V5238 | i403o | Did the baby's bottom, feet, arm or hand come out of the vagina before its head? |          |
| V5239 | i404o | Was the umbilical cord wrapped more than once around the baby's neck at birth?   |          |
| V5240 | i405o | Was the umbilical cord delivered first?  |          |
| V5241 | i406o | Was the baby blue in colour at birth?  |          |
| V5242 | i408o | Before the illness that led to death, was the baby/child growing normally?       |          |
| V5243 | i411o | Did (s)he drink alcohol?   |          |
| V5244 | i412o | Did (s)he use tobacco?   |          |
| V5245 | i413o | Did (s)he smoke tobacco (cigarette, cigar, pipe, etc.)?                          |          |
| V5246 | i414a | Did (s)he use non-smoking tobacco?   |          |
| V5247 | i415a | Did (s)he smoke at least 10 cigarettes daily?                                    |          |
| V5248 | i418o | Did (s)he receive any treatment for the illness that led to death?               |          |
| V5249 | i419o | Did (s)he receive oral rehydration salts?  |          |
| V5250 | i420o | Did (s)he receive (or need) intravenous fluids (drip) treatment?                 |          |
| V5251 | i421o | Did (s)he receive (or need) a blood transfusion?                                 |          |
| V5252 | i422o | Did (s)he receive (or need) treatment/food through a tube passed through the nos |          |
| V5253 | i423o | Did (s)he receive (or need) injectable antibiotics?                              |          |
| V5254 | i424o | Did (s)he receive (or need) antiretroviral therapy (ART)?                        |          |
| V5255 | i425o | Did (s)he have (or need) an operation for the illness?                           |          |
| V5256 | i426o | Did (s)he have the operation within 1 month before death?                        |          |
| V5257 | i427o | Was (s)he discharged from hospital very ill?                                     |          |
| V5258 | i428o | Did (s)he receive appropriate immunizations?                                     |          |
| V5259 | i450o | In the final days before death, did s/he travel to a hospital or health facility |          |
| V5260 | i451o | Did (s)he use motorised transport to get to the hospital or health facility?     |          |
| V5261 | i452o | Were there any problems during admission to the hospital or health facility?     |          |
| V5262 | i453o | Were there any problems with the way (s)he was treated (medical treatment, proce |          |
| V5263 | i454o | Were there any problems getting medications, or diagnostic tests in the hospital |          |
| V5264 | i455o | Does it take more than 2 hours to get to the nearest hospital or health facility |          |
| V5265 | i456o | In the final days before death, were there any doubts about whether medical care |          |
| V5266 | i457o | In the final days before death, was traditional medicine used?                   |          |
| V5267 | i458o | In the final days before death, did anyone use a telephone or cell phone to call |          |

| ID    | Name            | Label  | Question |
|-------|-----------------|--|----------|
| V5268 | i459o           | Over the course of illness, did the total costs of care and treatment prohibit o |          |
| V5269 | covid_diag      | Was there any diagnosis by a health professional of COVID-19?                    |          |
| V5270 | covid_test      | Did s(h)e have a recent test by a health professional for COVID-19?              |          |
| V5271 | covid_test_r    | What was the result of the Covid-19 test?  |          |
| V5272 | taste_loss      | Did (s)he experience a new loss, change or decreased sense of smell or taste?    |          |
| V5273 | extreme_fatigue | Did s(h)e suffer from extreme fatigue?   |          |

Total: 359



### IINTID: Unique Internal Id of Individual

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0 Minimum: 11 Maximum: 275724 Mean: 80283.541 Standard deviation: 61433.995  
 Type: Continuous Decimal: 0 Width: 12 Range: 11 - 275724 Format: Numeric

### DOB\_YM: Date of birth (Year-Month)

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0  
 Type: Discrete Width: 7 Range: - Format: character

### DOD\_YM: Date of Death (Year-Month)

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0  
 Type: Discrete Width: 7 Range: - Format: character

### SEX: What was the sex of the deceased?

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

| Value | Category | Cases |       |
|-------|----------|-------|-------|
| 0     | Unknown  | 1     | 0%    |
| 1     | Male     | 13752 | 50.1% |
| 2     | Female   | 13678 | 49.9% |

### AGE\_IN\_YEARS: Age in completed years Numeric

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0 Minimum: 0 Maximum: 122 Mean: 44.813 Standard deviation: 24.463  
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 122 Format: Numeric

**AGE\_IN\_DAYS: Age in days for deceased that died before the age of 1****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1****Overview**

Valid: 1313    Invalid: 26118    Minimum: 0    Maximum: 364    Mean: 141.107    Standard deviation: 104.024  
 Type: Continuous    Decimal: 0    Width: 12    Range: 0 - 364    Format: Numeric

**MISSINGVA: Was the verbal autopsy not completed?****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1****Overview**

Valid: 27431    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 999    Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category       | Cases |       |
|-------|----------------|-------|-------|
| 1     | Yes            | 1263  | 4.6%  |
| 2     | No             | 26168 | 95.4% |
| 997   | Not Applicable | 0     | 0%    |
| 999   | Missing        | 0     | 0%    |

**NONCONTACT: Was it a non-contact?****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1****Overview**

Valid: 8322    Invalid: 19109  
 Type: Discrete    Decimal: 0    Width: 12    Range: 1 - 999    Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value   | Category       | Cases |       |
|---------|----------------|-------|-------|
| 1       | Yes            | 273   | 3.3%  |
| 2       | No             | 8049  | 96.7% |
| 997     | Not Applicable | 0     | 0%    |
| 999     | Missing        | 0     | 0%    |
| Sysmiss |                | 19109 |       |

**VAREFUSED: Was participation refused ?****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1****Overview**

Valid: 8323 Invalid: 19108

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 999 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value   | Category       | Cases |     |
|---------|----------------|-------|-----|
| 1       | Yes            | 335   | 4%  |
| 2       | No             | 7988  | 96% |
| 997     | Not Applicable | 0     | 0%  |
| 999     | Missing        | 0     | 0%  |
| Sysmiss |                | 19108 |     |

**QUESTIONNAIRE: Verbal autopsy questionnaire used for data collection (dates are indicative)****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1****Overview**

Valid: 27431 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 997 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category                               | Cases |       |
|-------|--|-------|-------|
| 1     | AHRI Form (2000-2016)                  | 1204  | 4.4%  |
| 2     | WHO 2016 standard (2017-2021)          | 5041  | 18.4% |
| 3     | WHO 2022 standard (2022-2024)          | 2668  | 9.7%  |
| 4     | AHRI Form & Checklist1(CL1)(2000-2009) | 12121 | 44.2% |
| 5     | AHRI Form & Checklist2(CL2)(2010-2016) | 4308  | 15.7% |
| 6     | AHRI Form, CL1 & CL2 (2010)            | 826   | 3%    |
| 997   | Not Applicable                         | 1263  | 4.6%  |

**VAVISITDATE: VA Visit Date****Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

**Overview**

Valid: 27431 Minimum: 2000-01-15 Maximum: 9997-01-01  
 Type: Discrete Width: 11 Range: - Format: character

**VAINTERVIEWTYPE: Interview modality (face-to-face in the field or telephonic)**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

**Overview**

Valid: 27431 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category             | Cases |     |
|-------|----------------------|-------|-----|
| 1     | Field Interview      | 23050 | 84% |
| 2     | Telephonic Interview | 4381  | 16% |

**RESPRELATIONSHIP: Respondent's relationship to deceased (important classification change in 2017)**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

**Overview**

Valid: 26249 Invalid: 1182  
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 18 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category                        | Cases |       |
|-------|---------------------------------|-------|-------|
| 1     | Another Relationship            | 778   | 3%    |
| 2     | Child                           | 2360  | 9%    |
| 3     | Child                           | 2250  | 8.6%  |
| 4     | Daughter-in-law                 | 751   | 2.9%  |
| 5     | Father-in-law                   | 6     | 0%    |
| 6     | Family Member(Household Member) | 2857  | 10.9% |
| 7     | Friend                          | 2     | 0%    |
| 8     | Grandchild                      | 758   | 2.9%  |
| 9     | Grandparent                     | 1327  | 5.1%  |
| 10    | Mother-in-law                   | 172   | 0.7%  |
| 11    | Other                           | 346   | 1.3%  |

|         |                    |      |       |
|---------|--------------------|------|-------|
| 12      | Other non-relative | 521  | 2%    |
| 13      | Other relative     | 3198 | 12.2% |
| 14      | Parent             | 6060 | 23.1% |
| 15      | Public Official    | 1    | 0%    |
| 16      | Sibling            | 2568 | 9.8%  |
| 17      | Son-in-law         | 19   | 0.1%  |
| 18      | Spouse             | 2275 | 8.7%  |
| Sysmiss |                    | 1182 |       |

### LIVEDWITHDECEASED: Did the respondent live with the deceased in the period leading to death?

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 24971 Invalid: 2460

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 999 Format: Numeric

#### Questions and instructions

##### CATEGORIES

| Value   | Category       | Cases |     |
|---------|----------------|-------|-----|
| 1       | Yes            | 22727 | 91% |
| 2       | No             | 2244  | 9%  |
| 997     | Not Applicable | 0     | 0%  |
| 999     | Missing        | 0     | 0%  |
| Sysmiss |                | 2460  |     |

### DEATHSETTING: Where did the deceased die?

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 25082 Invalid: 2349

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

#### Questions and instructions

##### CATEGORIES

| Value | Category | Cases |       |
|-------|----------|-------|-------|
| 1     | Home     | 11190 | 44.6% |
| 2     | Hospital | 10840 | 43.2% |

|         |  |      |      |
|---------|--|------|------|
| 3       | Other Health facility                                | 844  | 3.4% |
| 4       | Other  | 2009 | 8%   |
| 5       | On route to hospital or facility (only from 2017 on) | 199  | 0.8% |
| Sysmiss |  | 2349 |      |

### CAUSE1\_INTERVA: Cause 1 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0  
 Type: Discrete Width: 34 Range: - Format: character

### LIK1\_INTERVA: Likelihood cause 1 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 1263 Minimum: 0.4 Maximum: 1 Mean: 0.907 Standard deviation: 0.156  
 Type: Continuous Decimal: 0 Width: 10 Range: 0.4 - 1 Format: Numeric

#### Questions and instructions

#### CATEGORIES

| Value | Category |
|-------|----------|
| 11    | ..       |

### CAUSE2\_INTERVA: Cause 2 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 2198 Invalid: 0  
 Type: Discrete Width: 34 Range: - Format: character

### LIK2\_INTERVA: Likelihood cause 2 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 2198 Invalid: 25233 Minimum: 0.2 Maximum: 0.5 Mean: 0.375 Standard deviation: 0.0682  
 Type: Continuous Decimal: 0 Width: 10 Range: 0.2 - 0.5 Format: Numeric

## Questions and instructions

### CATEGORIES

| Value | Category |
|-------|----------|
| 11    | ..       |

### CAUSE3\_INTERVA: Cause 3 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 71 Invalid: 0  
 Type: Discrete Width: 34 Range: - Format: character

### LIK3\_INTERVA: Likelihood cause 3 - InterVA5 causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 71 Invalid: 27360 Minimum: 0.21 Maximum: 0.28 Mean: 0.237 Standard deviation: 0.0194  
 Type: Continuous Decimal: 0 Width: 10 Range: 0.21 - 0.28 Format: Numeric

## Questions and instructions

### CATEGORIES

| Value | Category |
|-------|----------|
| 11    | ..       |

### CAUSE1\_INSILICOVA: Cause 1 - InSilicoVA causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 27431 Invalid: 0  
 Type: Discrete Width: 34 Range: - Format: character

### PROB1\_INSILICOVA: Probability cause 1 - InSilicoVA causes of death

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
 Type: Discrete Width: 17 Range: - Format: character

### **PROB1\_UPPER: Probability cause 1 95% CI upper bound - InSilicoVA**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 25381 Invalid: 0  
Type: Discrete Width: 20 Range: - Format: character

---

### **PROB1\_LOWER: Probability cause 1 95% CI lower bound InSilicoVA**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 25381 Invalid: 0  
Type: Discrete Width: 20 Range: - Format: character

---

### **CAUSE2\_INSILICOVA: Cause 2 - InSilicoVA causes of death**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 4079 Invalid: 0  
Type: Discrete Width: 34 Range: - Format: character

---

### **PROB2\_INSILICOVA: Probability cause 2 - InSilicoVA causes of death**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 4079 Invalid: 0  
Type: Discrete Width: 17 Range: - Format: character

---

### **PROB2\_UPPER: Probability cause 2 95% CI upper bound - InSilicoVA**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 4079 Invalid: 0  
Type: Discrete Width: 20 Range: - Format: character

---

### **PROB2\_LOWER: Probability cause 2 95% CI lower bound InSilicoVA**

Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1

#### **Overview**

Valid: 4079 Invalid: 0  
Type: Discrete Width: 20 Range: - Format: character

### **CAUSE3\_INSILICOVA: Cause 3 - InSilicoVA causes of death**

**Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

#### **Overview**

Valid: 178    Invalid: 0  
Type: Discrete    Width: 33    Range: -    Format: character

---

### **PROB3\_INSILICOVA: Probability cause 3 - InSilicoVA causes of death**

**Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

#### **Overview**

Valid: 178    Invalid: 0  
Type: Discrete    Width: 17    Range: -    Format: character

---

### **PROB3\_UPPER: Probability cause 3 95% CI upper bound - InSilicoVA**

**Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

#### **Overview**

Valid: 178    Invalid: 0  
Type: Discrete    Width: 20    Range: -    Format: character

---

### **PROB3\_LOWER: Probability cause 3 95% CI lower bound InSilicoVA**

**Data file: AHRI.HDSS.DEATHS-Cause-of-death-2000-2024.v1**

#### **Overview**

Valid: 178    Invalid: 0  
Type: Discrete    Width: 20    Range: -    Format: character

---

## IINTID:

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0 Minimum: 11 Maximum: 275724 Mean: 80219.112 Standard deviation: 61584.186  
Type: Continuous Decimal: 0 Width: 12 Range: 11 - 275724 Format: Numeric

---

## I004A: Did s(he) die during the wet season?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

## I004B: Did s(he) die during the dry season?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

## I019A: Was he male?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

## I019B: Was she female?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

## I022A: Was s(he) aged 65 years or more at death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I022B: Was s(he) aged 50 to 64 years at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I022C: Was s(he) aged 15 to 49 years at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I022D: Was s(he) aged 5-14 years at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I022E: Was s(he) aged 1 to 4 years at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I022F: Was s(he) aged 1 to 11 months at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I022G: Was s(he) aged < 1 month (28 days) at death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022H: Was s(he) a live baby who died within 24 hours of birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022I: Was s(he) a baby who died between 24 and 48 hours of birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022J: Was s(he) a baby who died more than 48 hours from birth, but within the first we

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022K: Was s(he) a baby who died after the first week, but within the first month?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022L: Was she a woman aged 12-19 years at death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022M: Was she a woman aged 20-34 years at death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I022N: Was she a woman aged 35 to 49 years at death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0590: Was she married at the time of death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0770: Did (s)he suffer from any injury or accident that led to her/his death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0790: Was (s)he injured in a road traffic accident?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0820: Was (s)he injured in a non-road transport accident?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I0830: Was (s)he injured in a fall?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I0840: Was (s)he poisoned in any way?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I0850: Did (s)he die of drowning?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I0860: Was (s)he injured by the bite or sting of a venomous animal?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I0870: Was (s)he injured by an animal or insect (non-venomous)**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I0890: Was (s)he injured by burns or fire?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0900: Was (s)he subject to violence (suicide, homicide, abuse)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0910: Was (s)he injured by a fire arm?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0920: Was (s)he stabbed, cut or pierced?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0930: Was (s)he strangled?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0940: Was (s)he injured by a blunt force?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0950: Was (s)he injured by a force of nature?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0960: Was (s)he electrocuted?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0980: Was the injury accidental?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I0990: Was the injury or accident self-inflicted?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1000: Was the injury or accident intentionally inflicted by someone else?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1040: Did the baby ever cry?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I1050: Did the baby cry immediately after birth, even if only a little bit?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I106A: Was it more than 5 minutes after birth before the baby first cried?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I1070: Did the baby stop being able to cry?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I108A: Did the baby stop crying more than a day before (s)he died?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I1090: Did the baby ever move?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I1100: Did the baby ever breathe?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1110: Did the baby breathe immediately after birth, even a little?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1120: Did the baby have a breathing problem?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1130: Was the baby given assistance to breathe at birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1140: If the baby didn't show any sign of life, was it born dead?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1150: Were there any bruises or signs of injury on child's body after the birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1160: Was the baby's body soft, pulpy and discoloured with the skin peeling away?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I120A: Did the final illness last less than 3 weeks?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I120B: Did the final illness last at least 3 weeks?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1230: Did (s)he die suddenly?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1250: Was there any diagnosis by a health professional of tuberculosis?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1270: Was there any diagnosis by a health professional of HIV/AIDS?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I1280: Did (s)he have a recent positive test by a health professional for malaria?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1290: Did (s)he have a recent negative test by a health professional for malaria?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1300: Was there any diagnosis by a health professional of dengue fever?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1310: Was there any diagnosis by a health professional of measles?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1320: Was there any diagnosis by a health professional of high blood pressure?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1330: Was there any diagnosis by a health professional of heart disease?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1340: Was there any diagnosis by a health professional of diabetes?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1350: Was there any diagnosis by a health professional of asthma?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1360: Was there any diagnosis by a health professional of epilepsy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1370: Was there any diagnosis by a health professional of cancer?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1380: Was there any diagnosis by a health professional of Chronic Obstructive Pulmonar

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1390: Was there any diagnosis by a physician or health worker of dementia?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1400: Was there any diagnosis by a health professional of depression?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1410: Was there any diagnosis by a health professional of stroke?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1420: Was there any diagnosis by a health professional of sickle cell disease?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1430: Was there any diagnosis by a health professional of kidney disease?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1440: Was there any diagnosis by a health professional of liver disease?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I1470: During the illness that led to death, did (s)he have a fever?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I148A: Did the fever last less than a week before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I148B: Did the fever last at least one week, but less than 2 weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I148C: Did the fever last at least 2 weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I1490: Did the fever continue until death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I150A: Was the fever severe?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I151A: Was the fever continuous?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1520: Did (s)he have night sweats?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1530: During the illness that led to death, did (s)he have a cough?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I154A: Did the cough last less than 3 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I154B: Did the cough last at least 3 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1550: Was the cough productive, with sputum?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1560: Was the cough very severe?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1570: Did (s)he cough up blood?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1580: Did (s)he make a whooping sound when coughing?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1590: During the illness that led to death, did (s)he have any difficulty breathing?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I161A: Did the difficult breathing last for at least 3 days before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I165A: Was the difficult breathing continuous during this period?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I166O: Did (s)he have fast breathing?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I167A: Did the fast breathing last for less than two weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I167B: Did the fast breathing last for at least 2 weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I168O: Did (s)he have breathlessness?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I169A: Did the breathlessness last for less than 2 weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I169B: Did the breathlessness last for at least 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1700: Was (s)he unable to carry out daily routines due to breathlessness?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1710: Was (s)he breathless while lying flat?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1720: Did you see the lower chest wall/ribs being pulled in as the child breathed?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I173A: Did his/her breathing sound like wheezing or grunting?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1740: During the illness that led to death, did (s)he have chest pain?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1750: Was the chest pain severe?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I176A: Did (s)he experience chest pain at least 3 days before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I178A: Did the chest pain last for at least 30 minutes?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1810: Did (s)he have diarrhoea?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I182A: Did (s)he have diarrhoea for less than 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I182B: Did (s)he have diarrhoea for at least 2 weeks but less than 4 weeks before death**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I182C: Did (s)he have diarrhoea for at least 4 weeks before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I183A: Did the baby or child have at least 4 stools on the day that loose liquid stools**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I184A: Did the frequent loose or liquid stools start at least 3 days before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I185O: Did the frequent loose or liquid stools continue up until death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I186O: At any time during the final illness was there blood in the stools?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1870: Was there blood in the stool up until death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1880: During the illness that led to death, did (s)he vomit?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1890: Did (s)he vomit in the week preceding the death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1900: Did (s)he vomit for at least 3 days before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1910: Was there blood in the vomit?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1920: Was the vomit black?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1930: During the illness that led to death, did (s)he have any abdominal (belly) probl

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1940: Did (s)he have abdominal pain?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I1950: Was the abdominal pain severe?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I197A: Did (s)he have severe abdominal pain for less than 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I197B: Did (s)he have severe abdominal pain for at least 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I199A: Was the pain in the upper abdomen?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I199B: Was the pain in the lower abdomen?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I2000: Did (s)he have a more than usually protruding abdomen?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I201A: Did (s)he have a more than usually protruding abdomen for less than 2 weeks befo**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I201B: Did (s)he have a more than usually protruding abdomen for at least 2 weeks befor**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I203A: Did (s)he develop the protruding abdomen rapidly?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2040: Did (s)he have any mass in the abdomen?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I205A: Did (s)he have a mass in the abdomen for less than 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I205B: Did (s)he have a mass in the abdomen for at least 2 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2070: During the illness that led to death, did (s)he have a severe headache?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2080: During the illness that led to death, did (s)he have a stiff neck?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I209A: Did (s)he have a stiff neck for less than one week before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I209B: Did (s)he have a stiff neck for at least one week before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2100: During the illness that led to death, did (s)he have a painful neck?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I211A: Did (s)he have a painful neck for at least one week before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2120: During the illness that led to death, did (s)he have mental confusion?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2130: Did (s)he have mental confusion for at least 3 months before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I2140: During the illness that led to death, was (s)he unconscious?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2150: Was (s)he unconscious for at least 24 hours before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I216A: Was (s)he unconscious for at least 6 hours before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2170: Did the unconsciousness start suddenly, quickly (at least within a single day)?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2180: Did the unconsciousness continue until death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2190: During the illness that led to death, did (s)he have any convulsions?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2200: Did (s)he experience any generalized convulsions or fits?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I221A: Did the convulsions last for less than 10 minutes?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I221B: Did the convulsions last for at least 10 minutes?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2220: Did (s)he become unconscious immediately after the convulsion?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2230: During the illness that led to death, did (s)he have any urine problems?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2240: Did (s)he stop urinating?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2250: Did (s)he go to urinate more often than usual?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2260: Did (s)he pass blood in the urine?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2270: During the illness that led to death, did (s)he have any sores or ulcers anywhere

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2280: Did (s)he have sores?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2290: Did the sores have clear fluid and/or pus?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I2300: Did (s)he have an ulcer (pit) on the foot?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2310: Did any ulcer ooze pus?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I232A: Did the ulcer ooze pus for at least 2 weeks?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2330: During the illness that led to death, did (s)he have any skin rash?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I234A: Did (s)he have the skin rash for less than one week?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I234B: Did (s)he have the skin rash for at least one week?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I235A: Did (s)he have a rash on the face?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I235B: Did (s)he have a rash on the trunk or abdomen?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I235C: Did (s)he have a rash on the extremities?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I235D: Did (s)he have a rash everywhere?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2360: Did (s)he have measles rash?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2370: Did (s)he ever have shingles or herpes zoster?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2380: During the illness that led to death, did her/his skin flake off in patches?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2390: During the illness that led to death, did he/she have areas of the skin that tur

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2400: During the illness that led to death, did he/she have areas of the skin with red

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2410: During the illness that led to death, did (s)he bleed from anywhere?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2420: Did (s)he bleed from the nose, mouth or anus?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I2430: During the illness that led to death, did (s)he have noticeable weight loss?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I2440: Was (s)he severely thin or wasted?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I2450: During the illness that led to death, did s/he have a whitish rash inside the mo**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I2460: During the illness that led to death, did (s)he have stiffness of the whole body**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2470: During the illness that led to death, did (s)he have puffiness of the face?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I248A: Did (s)he have puffiness of the face for at least one week before death?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2490: During the illness that led to death, did (s)he have swollen legs or feet?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I250A: Did the swelling last for at least 3 days before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2510: Did (s)he have both feet swollen?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2520: During the illness that led to death, did (s)he have general puffiness all over

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2530: During the illness that led to death, did (s)he have any lumps?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2540: Did (s)he have any lumps or lesions in the mouth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2550: Did (s)he have any lumps in the neck?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2560: Did (s)he have any lumps in the armpit?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2570: Did (s)he have any lumps in the groin?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2580: During the illness that led to death, was (s)he in any way paralysed?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2590: Did (s)he have paralysis of only one side of the body?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I260A: Was only the right side of the body paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I260B: Was only the left side of the body paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

### **I260C: Was only the lower part of the body paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I260D: Was only the upper part of the body paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I260E: Was only one leg paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I260F: Was only one arm paralysed?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I260G: Was the entire body paralysed?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2610: During the illness that led to death, did (s)he have difficulty swallowing?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I262A: Did (s)he have difficulty swallowing for at least one week before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I263A: Did (s)he have difficulty with swallowing solids?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I263B: Did (s)he have difficulty with swallowing liquids?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2640: Did (s)he have pain upon swallowing?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2650: During the illness that led to death, did (s)he have yellow discolouration of th

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I266A: Did (s)he have the yellow discolouration for at least 3 weeks before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2670: During the illness that led to death, did her/his hair change to a reddish or ye

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2680: During the illness that led to death, did (s)he look pale (thinning/lack of bloo

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2690: During the illness that led to death, did (s)he have sunken eyes?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I2700: During the illness that led to death, did (s)he drink a lot more water than usua**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I2710: Was the baby able to suckle or bottle-feed within the first 24 hours after birth**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2720: Did the baby ever suckle in a normal way?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2730: Did the baby stop suckling?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I274A: Did the baby stop suckling on the 2nd day of life or later?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

---

**I2750: Did the baby have convulsions starting within the first 24 hours of life?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2760: Did the baby have convulsions starting more than 24 hours after birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2770: Did the baby's body become stiff, with the back arched backwards?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2780: During the illness that led to death, did the baby have a bulging or raised font

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2790: During the illness that led to death, did the baby have a sunken fontanelle?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2810: During the illness that led to death, did the baby become unresponsive or uncons

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2820: Did the baby become unresponsive or unconscious soon after birth, within less th**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I2830: Did the baby become unresponsive or unconscious more than 24 hours after birth?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2840: During the illness that led to death, did the baby become cold to touch?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I285A: Was the baby more than 3 days old when it started feeling cold to touch?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2860: During the illness that led to death, did the baby become lethargic, after a per**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I2870: Did the baby have redness or discharge from the umbilical cord stump?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I2880: During the illness that led to death, did the baby have skin ulcer(s) or pits?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2890: During the illness that led to death, did the baby have yellow skin, palms (hand**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2900: Did the baby or infant appear to be healthy and then just die suddenly?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2940: During the illness that led to death, did she have any swelling or lump in the b**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2950: During the illness that led to death, did she have any ulcers (pits) in the brea**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I2960: Did she ever have a period or menstruate?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I2970: During the illness that led to death, did she have excessive vaginal bleeding in

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2980: Was the bleeding excessive?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I2990: Did her menstrual period stop naturally because of menopause?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3000: Did she have vaginal bleeding after cessation of menstruation?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3010: Was there excessive vaginal bleeding in the week prior to death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3020: At the time of death was her period overdue?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I303A: Had her period been overdue for at least 4 weeks?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3040: Did she have a sharp pain in her abdomen shortly before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3050: Was she pregnant (incl. in labour) at the time of death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3060: Did she die within 6 weeks of delivery, abortion or miscarriage?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3090: Was she, or had she been, pregnant for less than 6 months when she died?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I3100: Please confirm: When she died, she was NEITHER pregnant NOR had recently been pr**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3120: Did she die during labour or delivery?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3130: Did she die after delivering a baby?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3140: Did she die within 24 hours after delivery?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3150: Did she die within 6 weeks of childbirth?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3160: Did she give birth to a live baby (within 6 weeks of her death)?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3170: Did she die during or after a multiple pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3180: Was she breastfeeding the child in the days before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I319A: Did she die during or after her first pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I319B: Did she have four or more pregnancies before this one?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3200: Had she had any previous Caesarean section?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3210: During pregnancy, did she suffer from high blood pressure?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3220: Did she have foul smelling vaginal discharge during pregnancy or after delivery?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3230: During the last 3 months of pregnancy, did she suffer from convulsions?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3240: During the last 3 months of pregnancy did she suffer from blurred vision?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3250: Did she have excessive bleeding during pregnancy or shortly after delivery?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3260: Was there vaginal bleeding during the first 6 months of pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I3270: Was there vaginal bleeding during the last 3 months of pregnancy but before labo**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3280: Did she have excessive bleeding during labour, before delivery?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3290: Did she have excessive bleeding after delivery or abortion?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3300: Was the placenta completely delivered?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I3310: Did she deliver or try to deliver an abnormally positioned baby?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

**Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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**I332A: Did her labour last longer than 24 hours?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3330: Did she attempt to terminate the pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3340: Did she recently have a pregnancy that ended in an abortion (spontaneous or indu

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3350: Did she die during an abortion?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3360: Did she die within 6 weeks of having an abortion?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I337A: Did the mother deliver at a health facility or clinic?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I337B: Did the mother deliver at home?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I337C: Did the mother deliver elsewhere (not at a health facility nor at home)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3380: Did she receive professional assistance during the delivery?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3400: Did she have an operation to remove her uterus shortly before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3420: Was the delivery normal vaginal, without forceps or vacuum?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3430: Was the delivery vaginal, with forceps or vacuum?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I3440: Was the delivery a Caesarean section?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3470: Was her baby born more than one month early?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3540: Was the child part of a multiple birth?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I355A: If the child was part of a multiple birth, was it born first?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3560: Is the child's mother still alive?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3570: Did the child's mother die during or shortly after the delivery?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I358A: Did the child's mother die in the baby's first year of life?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I360A: Was the baby born in a health facility or clinic?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I360B: Was the baby born at home?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I360C: Was the baby born somewhere else (e.g. on the way to a clinic)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3610: Did the mother receive professional assistance during the delivery?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3620: At birth, was the baby of usual size?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3630: At birth, was the baby smaller than normal (weighing under 2.5 kg)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3640: At birth, was the baby very much smaller than usual, (weighing under 1 kg)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3650: At birth, was the baby larger than normal (weighing over 4.5 kg)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I367A: Was the baby born during the ninth month (at least 37 weeks) of pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I367B: Was the baby born during the eighth month (34 to 37 weeks) of pregnancy?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I367C: Was the baby born before the eighth month (less than 34 weeks) of pregnancy?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I368O: Were there any complications in the late part of the pregnancy (defined as the l**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I369O: Were there any complications during labour or delivery?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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**I370O: Was any part of the baby physically abnormal at time of delivery? (for example:**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I371O: Did the baby/child have a swelling or defect on the back?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I372O: Did the baby/child have a very large head?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I3730: Did the baby/child have a very small head?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3760: Was the baby moving in the last few days before the birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3770: Did the baby stop moving in the womb before labour started?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I382A: Did labour and delivery take more than 24 hours?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3830: Was the baby born 24 hours or more after the waters broke?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3840: Was the liquor foul smelling when the waters broke?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I385A: Was the liquor a green or brown colour when the waters broke?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3870: Was the delivery normal vaginal, without forceps or vacuum?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3880: Was the delivery vaginal, with forceps or vacuum?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3890: Was the delivery a Caesarean section?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3910: Did the child's mother receive any vaccinations since reaching adulthood includi

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### **I3930: Did the mother receive tetanus toxoid (TT) vaccine?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I394A: Was this baby born from the mother's first pregnancy?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I394B: Did the baby's mother have four or more births before this one?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3950: During labour, did the baby's mother suffer from fever?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3960: During the last 3 months of pregnancy, labour or delivery, did the baby's mother**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

#### **Overview**

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### **I3970: Did the baby's mother have diabetes mellitus?**

**Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1**

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3980: Did the baby's mother have foul smelling vaginal discharge during pregnancy or a

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I3990: During the last 3 months of pregnancy, labour or delivery, did the baby's mother

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4000: During the last 3 months of pregnancy did the baby's mother suffer from blurred

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4010: Did the baby's mother have severe anaemia?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4020: Did the baby's mother have vaginal bleeding during the last 3 months of pregnanc

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4030: Did the baby's bottom, feet, arm or hand come out of the vagina before its head?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4040: Was the umbilical cord wrapped more than once around the baby's neck at birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4050: Was the umbilical cord delivered first?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4060: Was the baby blue in colour at birth?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4080: Before the illness that led to death, was the baby/child growing normally?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4110: Did (s)he drink alcohol?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

### I4120: Did (s)he use tobacco?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### I4130: Did (s)he smoke tobacco (cigarette, cigar, pipe, etc.)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### I414A: Did (s)he use non-smoking tobacco?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### I415A: Did (s)he smoke at least 10 cigarettes daily?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### I4180: Did (s)he receive any treatment for the illness that led to death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168    Invalid: 0  
Type: Discrete    Width: 1    Range: -    Format: character

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### I4190: Did (s)he receive oral rehydration salts?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4200: Did (s)he receive (or need) intravenous fluids (drip) treatment?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4210: Did (s)he receive (or need) a blood transfusion?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4220: Did (s)he receive (or need) treatment/food through a tube passed through the nos

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4230: Did (s)he receive (or need) injectable antibiotics?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4240: Did (s)he receive (or need) antiretroviral therapy (ART)?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4250: Did (s)he have (or need) an operation for the illness?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4260: Did (s)he have the operation within 1 month before death?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4270: Was (s)he discharged from hospital very ill?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4280: Did (s)he receive appropriate immunizations?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4500: In the final days before death, did s/he travel to a hospital or health facility

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4510: Did (s)he use motorised transport to get to the hospital or health facility?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

#### Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

**I4520: Were there any problems during admission to the hospital or health facility?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I4530: Were there any problems with the way (s)he was treated (medical treatment, proce**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I4540: Were there any problems getting medications, or diagnostic tests in the hospital**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I4550: Does it take more than 2 hours to get to the nearest hospital or health facility**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I4560: In the final days before death, were there any doubts about whether medical care**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

**I4570: In the final days before death, was traditional medicine used?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

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### I4580: In the final days before death, did anyone use a telephone or cell phone to call

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### I4590: Over the course of illness, did the total costs of care and treatment prohibit o

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 1 Range: - Format: character

---

### COVID\_DIAG: Was there any diagnosis by a health professional of COVID-19?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 3 Range: - Format: character

---

### COVID\_TEST: Did s(h)e have a recent test by a health professional for COVID-19?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 26168 Invalid: 0  
Type: Discrete Width: 3 Range: - Format: character

---

### COVID\_TEST\_R: What was the result of the Covid-19 test?

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

## Overview

Valid: 23509 Invalid: 2659  
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 998 Format: Numeric

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## Questions and instructions

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## CATEGORIES

| Value   | Category       | Cases |      |
|---------|----------------|-------|------|
| 1       | Positive       | 7     | 0%   |
| 2       | Negative       | 2     | 0%   |
| 3       | Unclear        | 0     | 0%   |
| 993     | Refused        | 0     | 0%   |
| 997     | Not Applicable | 23500 | 100% |
| 998     | Don't know     | 0     | 0%   |
| Sysmiss |                | 2659  |      |

**TASTE\_LOSS: Did (s)he experience a new loss, change or decreased sense of smell or taste?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**EXTREME\_FATIGUE: Did s(h)e suffer from extreme fatigue?**

Data file: AHRI.HDSS.VA-detailed-input-data-2000-2024.v1

**Overview**

Valid: 26168    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

## Download related resources

### Technical documents

#### DDI:VerbalAutopsy.Harmonisation Data

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|              |                                      |
|--------------|--------------------------------------|
| Title        | DDI:VerbalAutopsy.Harmonisation Data |
| Author(s)    | Nompumelelo Mkwanazi                 |
| Date         | 2026-04-01                           |
| Country      | South Africa                         |
| Language     | English                              |
| Publisher(s) | Nompumelelo Mkwanazi                 |
| Filename     | VerbalAutopsy.Harmonisation Data.pdf |

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