

# CODEBOOK AND FREQUENCIES



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# Eswatini Population-based HIV Impact Assessment 2021

## SHIMS3 2021

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### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name | Variable Category                 | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|---------------|-----------------------------------|--|--|-------------------------|---|-----------|---------|
| 1              | country       | ID Variable                       | Country Name   | Country Name   | Text (20)               | Eswatini  | 7,000     | 100.0   |
| 2              | year          | ID Variable                       | Survey Year  | Survey Year  | Numeric                 | 2021  | 7,000     | 100.0   |
| 3              | householdid   | ID Variable                       | Household ID   | Household ID   | Text (14)               | (character variable); no. missing values:0                            | 7,000     | 100.0   |
| 4              | centroidid    | ID Variable                       | EA Centroid ID   | EA Centroid ID   | Text (9)                | (character variable); no. missing values:0                            | 7,000     | 100.0   |
| 5              | hhstatus      | Response Variable                 | Household disposition code   | Household disposition code                                     | Numeric                 | 1 - Eligible Responding Household                                     | 5,413     | 77.3    |
|                |               |                                   |  |  |                         | 2 - Eligible Nonresponding Household                                  | 1,072     | 15.3    |
|                |               |                                   |  |  |                         | 3 - Ineligible (Vacant Household, not a Dwelling, Dwelling Destroyed) | 492       | 7.0     |
|                |               |                                   |  |  |                         | 4 - Unknown Eligibility Status  | 23        | 0.3     |
| 6              | region        | ID Variable                       | Region   | Region   | Numeric                 | 1 - Hhohho  | 1,995     | 28.5    |
|                |               |                                   |  |  |                         | 2 - Lubombo   | 1,470     | 21.0    |
|                |               |                                   |  |  |                         | 3 - Manzini   | 2,310     | 33.0    |
|                |               |                                   |  |  |                         | 4 - Shiselweni  | 1,225     | 17.5    |
| 7              | urban         | Derived                           | Urban/rural area Indicator   | Urban/rural area Indicator                                     | Numeric                 | 1 - Urban   | 1,994     | 28.5    |
|                |               |                                   |  |  |                         | 2 - Rural   | 5,006     | 71.5    |
| 8              | deaths        | Household Interview Questionnaire | (40) HH Deaths: Has Any Usual Resident Of Your Household Died Since January 1, 2019? | Usual resident of household died since January 1, 2018         | Numeric                 | 1 - Yes   | 425       | 7.9     |
|                |               |                                   |  |  |                         | 2 - No  | 4,965     | 92.1    |
|                |               |                                   |  |  |                         | -8 - Don't Know   | 21        | .       |
|                |               |                                   |  |  |                         | -9 - Refused  | 2         | .       |
| 9              | deathcount    | Household Interview Questionnaire | (41) HH Deaths: How Many Usual Household Residents Died Since January 1, 2019?       | Number of usual household residents died since January 1, 2018 | Numeric                 | Mean:1.1, range (0-8); no. missing values:6,561                       | 438       | .       |
| 10             | dieddatey_01  | Household Interview Questionnaire | (43) HH Deaths: When Did Name Die? Please Give Your Best Guess.: Year                | Year person died (1)   | Numeric                 | 2019 - 2019   | 131       | 30.9    |
|                |               |                                   |  |  |                         | 2020 - 2020   | 144       | 34.0    |
|                |               |                                   |  |  |                         | 2021 - 2021   | 149       | 35.1    |
|                |               |                                   |  |  |                         | -8 - Don't Know Year  | 1         | .       |
|                |               |                                   |  |  |                         | -9 - Refused Year   | .         | .       |

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|----------------|---------------|-----------------------------------|--|---|-------------------------|--|-----------|---------|
| 11             | diedgend_01   | Household Interview Questionnaire | (44) HH Deaths: Was Name Male Or Female?   | Sex of person died (1)  | Numeric                 | 1 - Male   | 230       | 54.1    |
|                |               |                                   |  |   |                         | 2 - Female   | 195       | 45.9    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                    | .         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                       | .         | .       |
| 12             | dieddatey_02  | Household Interview Questionnaire | (43) HH Deaths: When Did Name Die? Please Give Your Best Guess.: Year                                  | Year person died (2)  | Numeric                 | 2019 - 2019  | 19        | 54.3    |
|                |               |                                   |  |   |                         | 2020 - 2020  | 13        | 37.1    |
|                |               |                                   |  |   |                         | 2021 - 2021  | 3         | 8.6     |
|                |               |                                   |  |   |                         | -8 - Don't Know Year                               | 1         | .       |
|                |               |                                   |  |   |                         | -9 - Refused Year                                  | .         | .       |
| 13             | diedgend_02   | Household Interview Questionnaire | (44) HH Deaths: Was Name Male Or Female?   | Sex of person died (2)  | Numeric                 | 1 - Male   | 13        | 38.2    |
|                |               |                                   |  |   |                         | 2 - Female   | 21        | 61.8    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                    | 1         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                       | .         | .       |
| 14             | dieddatey_03  | Household Interview Questionnaire | (43) HH Deaths: When Did Name Die? Please Give Your Best Guess.: Year                                  | Year person died (3)  | Numeric                 | 2019 - 2019  | 4         | 80.0    |
|                |               |                                   |  |   |                         | 2020 - 2020  | .         | .       |
|                |               |                                   |  |   |                         | 2021 - 2021  | 1         | 20.0    |
|                |               |                                   |  |   |                         | -8 - Don't Know Year                               | 1         | .       |
|                |               |                                   |  |   |                         | -9 - Refused Year                                  | 1         | .       |
| 15             | diedgend_03   | Household Interview Questionnaire | (44) HH Deaths: Was Name Male Or Female?   | Sex of person died (3)  | Numeric                 | 1 - Male   | 3         | 42.9    |
|                |               |                                   |  |   |                         | 2 - Female   | 4         | 57.1    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                    | .         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                       | .         | .       |
| 16             | diedagey_01   | Household Interview Questionnaire | (45) HH Deaths: How Old Was [diedname] When They Died? (Years) (bottom coded at 5 and top coded at 80) | Age when died (years) (1) (bottom coded at 5 and top coded at 80) | Numeric                 | Mean:50.1, range (5-80); no. missing values:6,576  | 407       | .       |
| 17             | diedagey_02   | Household Interview Questionnaire | (45) HH Deaths: How Old Was [diedname] When They Died? (Years) (bottom coded at 5 and top coded at 80) | Age when died (years) (2) (bottom coded at 5 and top coded at 80) | Numeric                 | Mean:44, range (5-80); no. missing values:6,965    | 32        | .       |
| 18             | diedagey_03   | Household Interview Questionnaire | (45) HH Deaths: How Old Was [diedname] When They Died? (Years)   | Age when died (years) (3) (bottom coded at 5 and top coded at 80) | Numeric                 | Mean:48.4, range (18-70); no. missing values:6,993 | 5         | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name | Variable Category                 | Question Text/<br>Variable Description  | Variable Label                          | Variable Type and Width | Coding Values and Labels                              | Frequency | Percent |
|----------------|---------------|-----------------------------------|---|---|-------------------------|---|-----------|---------|
| 19             | watersource   | Household Interview Questionnaire | (46) HH Characteristics: What Is The Main Source Of Drinking Water For Members Of Your Household? | Household main source of drinking water | Numeric                 | 11 - Piped Into Dwelling                              | 785       | 14.6    |
|                |               |                                   |   |   |                         | 12 - Piped To Yard/Plot                               | 1,451     | 27.0    |
|                |               |                                   |   |   |                         | 13 - Public Tap/Standpipe                             | 1,364     | 25.3    |
|                |               |                                   |   |   |                         | 21 - Tube Well Or Borehole                            | 396       | 7.4     |
|                |               |                                   |   |   |                         | 31 - Protected Well                                   | 232       | 4.3     |
|                |               |                                   |   |   |                         | 32 - Unprotected Well                                 | 271       | 5.0     |
|                |               |                                   |   |   |                         | 41 - Protected Spring                                 | 109       | 2.0     |
|                |               |                                   |   |   |                         | 42 - Unprotected Spring                               | 156       | 2.9     |
|                |               |                                   |   |   |                         | 51 - Rainwater  | 117       | 2.2     |
|                |               |                                   |   |   |                         | 61 - Tanker Truck                                     | 246       | 4.6     |
|                |               |                                   |   |   |                         | 71 - Cart With Small Tank                             | 33        | 0.6     |
|                |               |                                   |   |   |                         | 81 - Surface Water (River/Dam/Lake/Pond/Stream/Canal) | 223       | 4.1     |
|                |               |                                   |   |   |                         | 91 - Bottled Water                                    | .         | .       |
|                |               |                                   |   |   |                         | 96 - Other (Specify)                                  | 30        | .       |
|                |               |                                   |   |   |                         | -8 - Don't Know                                       | .         | .       |
|                |               |                                   |   |   |                         | -9 - Refused  | .         | .       |
| 20             | toilettype    | Household Interview Questionnaire | (47) HH Characteristics: What Kind Of Toilet Facility Do Members Of Your Household Usually Use?   | Household usual type of toilet facility | Numeric                 | 11 - Flush Or Pour Flush Toilet                       | 1,197     | 22.1    |
|                |               |                                   |   |   |                         | 21 - Traditional Pit Latrine                          | 3,838     | 70.9    |
|                |               |                                   |   |   |                         | 22 - Ventilated Improved Pit Latrine (VIP)            | 184       | 3.4     |
|                |               |                                   |   |   |                         | 61 - No Facility/Bush/Field                           | 194       | 3.6     |
|                |               |                                   |   |   |                         | 96 - Other (Specify)                                  | .         | .       |
|                |               |                                   |   |   |                         | -8 - Don't Know                                       | .         | .       |
|                |               |                                   |   |   |                         | -9 - Refused  | .         | .       |
| 21             | toiletshare   | Household Interview Questionnaire | (48) HH Characteristics: Do You Share This Toilet Facility With Other Households?                 | Toilet shared with other households     | Numeric                 | 1 - Yes   | 1,731     | 33.1    |
|                |               |                                   |   |   |                         | 2 - No  | 3,494     | 66.9    |
|                |               |                                   |   |   |                         | -8 - Don't Know                                       | .         | .       |
|                |               |                                   |   |   |                         | -9 - Refused  | .         | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name | Variable Category                 | Question Text/<br>Variable Description  | Variable Label                        | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|-----------------------------------|---|---------------------------------------|-------------------------|--------------------------|-----------|---------|
| 22             | hhqitems_a    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: A - Electricity                          | Household item: A - Electricity       | Numeric                 | 1 - Yes                  | 4,224     | 78.0    |
|                |               |                                   |   |                                       |                         | 2 - No                   | 1,189     | 22.0    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |
| 23             | hhqitems_b    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: B - A Working Radio                      | Household item: B - Radio             | Numeric                 | 1 - Yes                  | 3,156     | 58.3    |
|                |               |                                   |   |                                       |                         | 2 - No                   | 2,257     | 41.7    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |
| 24             | hhqitems_c    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: C - A Working Television                 | Household item: C - Television        | Numeric                 | 1 - Yes                  | 3,155     | 58.3    |
|                |               |                                   |   |                                       |                         | 2 - No                   | 2,258     | 41.7    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |
| 25             | hhqitems_d    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: D - A Working Telephone/Mobile Telephone | Household item: D - Working Telephone | Numeric                 | 1 - Yes                  | 4,388     | 81.1    |
|                |               |                                   |   |                                       |                         | 2 - No                   | 1,025     | 18.9    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |
| 26             | hhqitems_e    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: E - A Working Refrigerator               | Household item: E - Refrigerator      | Numeric                 | 1 - Yes                  | 3,467     | 64.1    |
|                |               |                                   |   |                                       |                         | 2 - No                   | 1,946     | 36.0    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |
| 27             | hhqitems_f    | Household Interview Questionnaire | (49) HH Characteristics: Does Your Household Have: F - None Of The Above                    | Household item: F - None              | Numeric                 | 1 - Yes                  | 260       | 4.8     |
|                |               |                                   |   |                                       |                         | 2 - No                   | 5,153     | 95.2    |
|                |               |                                   |   |                                       |                         | -8 - Don't Know          | .         | .       |
|                |               |                                   |   |                                       |                         | -9 - Refused             | .         | .       |

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|----------------|---------------|-----------------------------------|--|-----------------------------|-------------------------|----------------------------------|-----------|---------|
| 28             | cookingfuel   | Household Interview Questionnaire | (50) HH Characteristics: What Type Of Fuel Does Your Household Mainly Use For Cooking? | Main household cooking fuel | Numeric                 | 1 - Electricity                  | 1,819     | 33.6    |
|                |               |                                   |  |                             |                         | 2 - LPG/Natural Gas              | 644       | 11.9    |
|                |               |                                   |  |                             |                         | 3 - Biogas                       | 99        | 1.8     |
|                |               |                                   |  |                             |                         | 4 - Paraffin/Kerosene            | 58        | 1.1     |
|                |               |                                   |  |                             |                         | 5 - Coal, Lignite                | 62        | 1.2     |
|                |               |                                   |  |                             |                         | 6 - Charcoal From Wood           | 663       | 12.3    |
|                |               |                                   |  |                             |                         | 7 - Firewood/Straw               | 2,058     | 38.1    |
|                |               |                                   |  |                             |                         | 8 - Dung                         | .         | .       |
|                |               |                                   |  |                             |                         | 95 - No Food Cooked In Household | 6         | 0.1     |
|                |               |                                   |  |                             |                         | 96 - Other (Specify)             | 2         | .       |
|                |               |                                   |  |                             |                         | -8 - Don't Know                  | 1         | .       |
|                |               |                                   |  |                             |                         | -9 - Refused                     | 1         | .       |
| 29             | matfloor      | Household Interview Questionnaire | (51) HH Characteristics: Main Material Of Floor  | Main Material Of Floor      | Numeric                 | 11 - Earth/Sand                  | 72        | 1.3     |
|                |               |                                   |  |                             |                         | 12 - Dung                        | 82        | 1.5     |
|                |               |                                   |  |                             |                         | 21 - Wood Planks                 | .         | .       |
|                |               |                                   |  |                             |                         | 22 - Palm/Bamboo                 | .         | .       |
|                |               |                                   |  |                             |                         | 31 - Parquet Or Polished Wood    | .         | .       |
|                |               |                                   |  |                             |                         | 32 - Vinyl Or Asphalt Strip      | .         | .       |
|                |               |                                   |  |                             |                         | 33 - Ceramic Tiles               | 898       | 16.7    |
|                |               |                                   |  |                             |                         | 34 - Cement/Terazo               | 4,331     | 80.5    |
|                |               |                                   |  |                             |                         | 35 - Carpet                      | .         | .       |
|                |               |                                   |  |                             |                         | 96 - Other (Specify)             | 30        | .       |
| 30             | matroof       | Household Interview Questionnaire | (52) HH Characteristics: Main Material Of Roof   | Main Material Of Roof       | Numeric                 | 11 - No Roof                     | .         | .       |
|                |               |                                   |  |                             |                         | 12 - Thatch/Palm Leaf            | 99        | 1.8     |
|                |               |                                   |  |                             |                         | 21 - Corrugated Iron             | 4,638     | 85.8    |
|                |               |                                   |  |                             |                         | 22 - Tin Cans                    | .         | .       |
|                |               |                                   |  |                             |                         | 31 - Asbestos Sheet              | 228       | 4.2     |
|                |               |                                   |  |                             |                         | 32 - Concrete                    | 80        | 1.5     |
|                |               |                                   |  |                             |                         | 33 - Tiles                       | 358       | 6.6     |
|                |               |                                   |  |                             |                         | 96 - Other (Specify)             | 10        | .       |

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|----------------|---------------|-----------------------------------|--|---|-------------------------|---|-----------|---------|
| 31             | matexwalls    | Household Interview Questionnaire | (53) HH Characteristics: Main Material Of Exterior Walls   | Main Material Of Exterior Walls                             | Numeric                 | 11 - No Walls                                   | .         | .       |
|                |               |                                   |  |   |                         | 12 - Cane/Palm/Trunks                           | .         | .       |
|                |               |                                   |  |   |                         | 13 - Dung/Mud                                   | 149       | 2.8     |
|                |               |                                   |  |   |                         | 21 - Bamboo With Mud                            | 29        | 0.5     |
|                |               |                                   |  |   |                         | 22 - Stone With Mud                             | 250       | 4.7     |
|                |               |                                   |  |   |                         | 23 - Plywood/Cardboard                          | .         | .       |
|                |               |                                   |  |   |                         | 24 - Carton                                     | .         | .       |
|                |               |                                   |  |   |                         | 25 - Reused Wood                                | .         | .       |
|                |               |                                   |  |   |                         | 31 - Cement                                     | 1,445     | 27.1    |
|                |               |                                   |  |   |                         | 32 - Stone With Lime/Cement                     | 157       | 2.9     |
|                |               |                                   |  |   |                         | 33 - Bricks                                     | 1,412     | 26.4    |
|                |               |                                   |  |   |                         | 34 - Cement Blocks                              | 1,899     | 35.6    |
|                |               |                                   |  |   |                         | 35 - Wood Planks/Shingles                       | .         | .       |
|                |               |                                   |  |   |                         | 96 - Other (Specify)                            | 72        | .       |
| 32             | roomsleep     | Household Interview Questionnaire | (54) HH Characteristics: How Many Rooms Are Used For Sleeping? (top coded at 8)                          | Number of rooms used for sleeping (top coded at 8)          | Numeric                 | Mean:2.2, range (1-8); no. missing values:1,587 | 5,413     | .       |
| 33             | hhqown_a_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own A - A Bicycle                             | Item member owns: A - A Bicycle                             | Numeric                 | 1 - Yes   | 277       | 5.1     |
|                |               |                                   |  |   |                         | 2 - No  | 5,132     | 94.9    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                 | 3         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                    | 1         | .       |
| 34             | hhqown_b_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own B - A Working Motorcycle Or Motor Scooter | Item member owns: B - A Working Motorcycle Or Motor Scooter | Numeric                 | 1 - Yes   | 176       | 3.3     |
|                |               |                                   |  |   |                         | 2 - No  | 5,233     | 96.8    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                 | 3         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                    | 1         | .       |
| 35             | hhqown_c_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own C - A Working Car Or Truck                | Item member owns: C - A Working Car Or Truck                | Numeric                 | 1 - Yes   | 1,450     | 26.8    |
|                |               |                                   |  |   |                         | 2 - No  | 3,959     | 73.2    |
|                |               |                                   |  |   |                         | -8 - Don't Know                                 | 3         | .       |
|                |               |                                   |  |   |                         | -9 - Refused                                    | 1         | .       |



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|----------------|---------------|-----------------------------------|--|--|-------------------------|--------------------------|-----------|---------|
| 36             | hhqown_d_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own D - A Working Boat With A Motor   | Item member owns: D - A Working Boat With A Motor            | Numeric                 | 1 - Yes                  | 41        | 0.8     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,368     | 99.2    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 37             | hhqown_e_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own E - Cows  | Item member owns: E - Cows                                   | Numeric                 | 1 - Yes                  | 944       | 17.5    |
|                |               |                                   |  |  |                         | 2 - No                   | 4,465     | 82.6    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 38             | hhqown_f_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own F - Goats/Sheep   | Item member owns: F - Goats/Sheep                            | Numeric                 | 1 - Yes                  | 1,110     | 20.5    |
|                |               |                                   |  |  |                         | 2 - No                   | 4,299     | 79.5    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 39             | hhqown_g_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own G - Poultry (E.G. Ducks, Chickens)  | Item member owns: G - Poultry                                | Numeric                 | 1 - Yes                  | 2,702     | 50.0    |
|                |               |                                   |  |  |                         | 2 - No                   | 2,707     | 50.1    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 40             | hhqown_h_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own H - Other Animals (Horses, Donkeys, Camels, Etc.)                                 | Item member owns: H - Other Animals                          | Numeric                 | 1 - Yes                  | 129       | 2.4     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,280     | 97.6    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 41             | hhqown_w_sz   | Household Interview Questionnaire | (55) HH Characteristics: Does Any Member Of Your Household Own W - None Of The Above   | Item member owns: W - None Of The Above                      | Numeric                 | 1 - Yes                  | 1,732     | 32.0    |
|                |               |                                   |  |  |                         | 2 - No                   | 3,677     | 68.0    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 3         | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 1         | .       |
| 42             | econsup12_a   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? A - Nothing | External economic support In the last 12 months: A - Nothing | Numeric                 | 1 - Yes                  | 3,886     | 72.0    |
|                |               |                                   |  |  |                         | 2 - No                   | 1,509     | 28.0    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name | Variable Category                 | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|-----------------------------------|--|--|-------------------------|--------------------------|-----------|---------|
| 43             | econsup12_b   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? B - Cash Transfer (E.G. Pensions, Disability Grants, Child Grant)                                       | External economic support In the last 12 months: B - Cash Transfer                             | Numeric                 | 1 - Yes                  | 286       | 5.3     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,109     | 94.7    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |
| 44             | econsup12_c   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? C - Assistance For School Fees  | External economic support In the last 12 months: C - Assistance For School Fees                | Numeric                 | 1 - Yes                  | 329       | 6.1     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,066     | 93.9    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |
| 45             | econsup12_d   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? D - Material Support For Education (E.G. Uniforms, School Books, Education, Tuition Support, Bursaries) | External economic support In the last 12 months: D - Material Support For Education            | Numeric                 | 1 - Yes                  | 263       | 4.9     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,132     | 95.1    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |
| 46             | econsup12_e   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? E - Income Generation Support In Cash Or Kind (E.G. Agricultural Inputs)                                | External economic support In the last 12 months: E - Income Generation Support In Cash Or Kind | Numeric                 | 1 - Yes                  | 53        | 1.0     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,342     | 99.0    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |
| 47             | econsup12_f   | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? F - Food Assistance Provided At The Household Or External Institution                                   | External economic support In the last 12 months: F - Food Assistance                           | Numeric                 | 1 - Yes                  | 224       | 4.2     |
|                |               |                                   |  |  |                         | 2 - No                   | 5,171     | 95.9    |
|                |               |                                   |  |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |                                   |  |  |                         | -9 - Refused             | 5         | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name       | Variable Category                 | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                         | Frequency | Percent |
|----------------|---------------------|-----------------------------------|--|--|-------------------------|--|-----------|---------|
| 48             | econsup12_g         | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? G - Material Or Financial Support For Shelter | External economic support In the last 12 months: G - Material Or Financial Support For Shelter | Numeric                 | 1 - Yes  | 105       | 2.0     |
|                |                     |                                   |  |  |                         | 2 - No   | 5,290     | 98.1    |
|                |                     |                                   |  |  |                         | -8 - Don't Know                                  | 13        | .       |
|                |                     |                                   |  |  |                         | -9 - Refused                                     | 5         | .       |
| 49             | econsup12_h         | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? H - Social Pension                            | External economic support In the last 12 months: H - Social Pension                            | Numeric                 | 1 - Yes  | 513       | 9.5     |
|                |                     |                                   |  |  |                         | 2 - No   | 4,882     | 90.5    |
|                |                     |                                   |  |  |                         | -8 - Don't Know                                  | 13        | .       |
|                |                     |                                   |  |  |                         | -9 - Refused                                     | 5         | .       |
| 50             | econsup12_i         | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? I - Remittances                               | External economic support In the last 12 months: I - Remittances                               | Numeric                 | 1 - Yes  | 51        | 1.0     |
|                |                     |                                   |  |  |                         | 2 - No   | 5,344     | 99.1    |
|                |                     |                                   |  |  |                         | -8 - Don't Know                                  | 13        | .       |
|                |                     |                                   |  |  |                         | -9 - Refused                                     | 5         | .       |
| 51             | econsup12_x         | Household Interview Questionnaire | (61) HH Economic Support: Has Your Household Received Any Of The Following Forms Of External Economic Support In The Last 12 Months? X - Other (Specify)                           | External economic support In the last 12 months: X - Other (Specify)                           | Numeric                 | 1 - Yes  | 35        | 0.7     |
|                |                     |                                   |  |  |                         | 2 - No   | 5,360     | 99.4    |
|                |                     |                                   |  |  |                         | -8 - Don't Know                                  | 13        | .       |
|                |                     |                                   |  |  |                         | -9 - Refused                                     | 5         | .       |
| 52             | econsupcovid_sz     | Household Interview Questionnaire | (62) HH Economic Support - Covid19: Were Any Of These Economic Support Related To Covid-19?  | Economic Support Related To Corona?  | Numeric                 | 1 - Yes  | 548       | 36.4    |
|                |                     |                                   |  |  |                         | 2 - No   | 957       | 63.6    |
|                |                     |                                   |  |  |                         | -8 - Don't Know                                  | 4         | .       |
|                |                     |                                   |  |  |                         | -9 - Refused                                     | .         | .       |
| 53             | householdheadgender | Derived                           | Head of household gender   | Head of household gender   | Numeric                 | 1 - Household head is male                       | 2,330     | 43.0    |
|                |                     |                                   |  |  |                         | 2 - Household head is female                     | 3,083     | 57.0    |
|                |                     |                                   |  |  |                         | 99 - Missing                                     | 1,587     | .       |
| 54             | rostercount         | Derived                           | Count of people on the household roster  | Count of people on household roster  | Numeric                 | Mean:4.6, range (1-29); no. missing values:1,586 | 5,414     | .       |
| 55             | childcount          | Derived                           | Count of children age 0-17 on the roster   | Count of children age 0-17 on the roster   | Numeric                 | Mean:1.9, range (0-15); no. missing values:1,587 | 5,413     | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name            | Variable Category  | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|--------------------------|--------------------|--|---|-------------------------|---|-----------|---------|
| 56             | childcountdefacto        | Derived            | Count of children age 0-17 on the roster with sleephere = 1  | Count of children age 0-17 on the roster with sleephere = 1                                   | Numeric                 | Mean:1.7, range (0-15); no. missing values:1,587                  | 5,413     | .       |
| 57             | rostercountdefacto       | Derived            | Count of people on the roster with sleephere = 1   | Count of people on the roster with sleephere = 1  | Numeric                 | Mean:4.1, range (0-27); no. missing values:1,586                  | 5,414     | .       |
| 58             | hivpositivecount         | Derived            | Count of de facto household members with a blood test and positive HIV status (bt_status = 1)                                | Count of de facto household members with a blood test and positive HIV status                 | Numeric                 | Mean:0.5, range (0-6); no. missing values:1,587                   | 5,413     | .       |
| 59             | bloodtestcount           | Derived            | Count of de facto household members with a blood test and definitive HIV status determination (bt_status = 1)                | Count of de facto household members with a blood test and definitive HIV status determination | Numeric                 | Mean:2.1, range (0-12); no. missing values:1,587                  | 5,413     | .       |
| 60             | householdheadhivpositive | Derived            | Household head is HIV positive indicator   | Household head is HIV positive indicator  | Numeric                 | 1 - Household head is HIV positive                                | 1,593     | 29.4    |
|                |                          |                    |  |   |                         | 2 - Household head is HIV negative                                | 3,064     | 56.6    |
|                |                          |                    |  |   |                         | 3 - Household head was not tested/did not have a definite outcome | 755       | 14.0    |
|                |                          |                    |  |   |                         | 99 - Missing  | 1,588     | .       |
| 61             | memsleep                 | Derived            | Number of household members per sleeping room, used to calculate wealth index  | Number of household members per sleeping room   | Numeric                 | Mean:1.8, range (0-11); no. missing values:1,587                  | 5,413     | .       |
| 62             | wealthscorecont          | Derived            | Wealth index score; usually between -4 and +4  | Wealth index scores   | Numeric                 | Mean:0, range (-2.2-3); no. missing values:1,589                  | 5,411     | .       |
| 63             | wealthquintile           | Derived            | Wealth quintile; calculated from wealthscorecount; calculation varies by country; not recommended for use in pooled analyses | Wealth quintile   | Numeric                 | 1 - Lowest  | 1,252     | 23.1    |
|                |                          |                    |  |   |                         | 2 - Second  | 1,214     | 22.4    |
|                |                          |                    |  |   |                         | 3 - Middle  | 1,096     | 20.3    |
|                |                          |                    |  |   |                         | 4 - Fourth  | 948       | 17.5    |
|                |                          |                    |  |   |                         | 5 - Highest   | 901       | 16.7    |
|                |                          |                    |  |   |                         | 99 - Missing  | 1,589     | .       |
| 64             | hhbwt0                   | Weighting Variable | Household base weight - full sample  | Household base weight - full sample   | Numeric                 | Mean:50.7, range (18.3-91.8); no. missing values:0                | 7,000     | .       |

### ***SHIMS3 2021 Household Dataset***

| Variable Order | Variable Name   | Variable Category  | Question Text/<br>Variable Description                 | Variable Label   | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-----------------|--------------------|--|--|-------------------------|---|-----------|---------|
| 65             | hhwt0           | Weighting Variable | Household Final Weight - full sample                   | Household Final Weight - full sample                   | Numeric                 | Mean:47.1, range (0-140.2); no. missing values:0                    | 7,000     | .       |
| 66             | varstrat        | Weighting Variable | Variance stratum for Taylor Series variance estimation | Variance stratum for Taylor Series variance estimation | Numeric                 | Mean:48.9, range (1-98); no. missing values:0                       | 6,892     | .       |
| 67             | varunit         | Weighting Variable | Variance unit for Taylor Series variance estimation    | Variance unit for Taylor Series variance estimation    | Numeric                 | 1 - Variance Unit within VARSTRAT for Taylor Series Replicates is 1 | 3,455     | 49.4    |
|                |                 |                    |  |  |                         | 2 - Variance Unit within VARSTRAT for Taylor Series Replicates is 2 | 3,411     | 48.7    |
|                |                 |                    |  |  |                         | 3 - Variance Unit within VARSTRAT for Taylor Series Replicates is 3 | 134       | 1.9     |
| 68             | hhwt001-hhwt098 | Weighting Variable | Household Final Replicate Weight 1-98                  | Household final replicate weight                       | Numeric                 | 0, Positive real numbers - 0, Positive real numbers                 | .         | .       |

# SHIMS3 2021 Roster Dataset

| Variable Order | Variable Name | Variable Category | Question Text/<br>Variable Description   | Variable Label                 | Variable Type and Width | Coding Values and Labels                      | Frequency | Percent |
|----------------|---------------|-------------------|--|--------------------------------|-------------------------|---|-----------|---------|
| 1              | country       | ID Variable       | Country Name   | Country Name                   | Text (20)               | Eswatini                                      | 25,132    | 100.0   |
| 2              | year          | ID Variable       | Survey Year  | Survey Year                    | Numeric                 | 2021  | 25,132    | 100.0   |
| 3              | householdid   | ID Variable       | Household ID   | Household ID                   | Text (14)               | (character variable); no. missing values:0    | 25,132    | 100.0   |
| 4              | personid      | ID Variable       | Person ID  | Person ID                      | Text (16)               | (character variable); no. missing values:0    | 25,132    | 100.0   |
| 5              | centroidid    | ID Variable       | EA Centroid ID   | EA Centroid ID                 | Text (9)                | (character variable); no. missing values:0    | 25,132    | 100.0   |
| 6              | indstatus     | Response Variable | Respondent disposition code  | Respondent disposition code    | Numeric                 | 1 - Eligible Respondent                       | 12,043    | 47.9    |
|                |               |                   |  |                                |                         | 2 - Eligible Non-Respondent                   | 1,967     | 7.8     |
|                |               |                   |  |                                |                         | 4 - Unknown Eligibility Status                | 4         | 0.0     |
|                |               |                   |  |                                |                         | 5 - Roster ineligible                         | 9,527     | 37.9    |
|                |               |                   |  |                                |                         | 9 -Non-defacto Individuals                    | 1,591     | 6.3     |
| 7              | bt_status     | Response Variable | Biomarker disposition code   | Biomarker disposition code     | Numeric                 | 1 - Lab blood test has a definite result      | 11,199    | 93.0    |
|                |               |                   |  |                                |                         | 2 - Lab blood test does not a definite result | 844       | 7.0     |
| 8              | region        | ID Variable       | Region   | Region                         | Numeric                 | 1 - Hhohho                                    | 6,482     | 25.8    |
|                |               |                   |  |                                |                         | 2 - Lubombo                                   | 5,532     | 22.0    |
|                |               |                   |  |                                |                         | 3 - Manzini                                   | 8,181     | 32.6    |
|                |               |                   |  |                                |                         | 4 - Shiselweni                                | 4,937     | 19.6    |
| 9              | urban         | Derived           | Urban/rural area Indicator   | Urban/rural area Indicator     | Numeric                 | 1 - Urban                                     | 4,011     | 16.0    |
|                |               |                   |  |                                |                         | 2 - Rural                                     | 21,121    | 84.0    |
| 10             | gender        | Derived           | Gender, giving preference to the gender collected in the adult questionnaire; self-reported  | Gender                         | Numeric                 | 1 - Male                                      | 11,886    | 47.3    |
|                |               |                   |  |                                |                         | 2 - Female                                    | 13,246    | 52.7    |
| 11             | age           | Derived           | Combined age in years, giving preference to age collected in the individual questionnaire (age from household roster if individual questionnaire age is blank); top-coded at 80 for confidentiality purposes | Age in years (top coded at 80) | Numeric                 | Mean:25.8, range (0-80); no. missing values:0 | 25,132    | .       |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name | Variable Category | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels                                  | Frequency | Percent |
|----------------|---------------|-------------------|---|--|-------------------------|---|-----------|---------|
| 12             | agemonths     | Household Roster  | (6) HH Roster: How Old Is [name] In Months?   | Age in months  | Numeric                 | Mean:7.5, range (0-24); no. missing values:24,171         | 961       | .       |
| 13             | relattohh     | Household Roster  | (2) HH Roster: What Is The Relationship Of [name] To The Head Of The Household?                           | Relationship To The Head Of The Household                                | Numeric                 | 1 - Head  | 5,412     | 21.5    |
|                |               |                   |   |  |                         | 2 - Wife/Husband/Partner                                  | 2,104     | 8.4     |
|                |               |                   |   |  |                         | 3 - Son Or Daughter                                       | 8,923     | 35.5    |
|                |               |                   |   |  |                         | 4 - Son-In-Law/Daughter-In-Law                            | 509       | 2.0     |
|                |               |                   |   |  |                         | 5 - Grandchild  | 4,968     | 19.8    |
|                |               |                   |   |  |                         | 6 - Parent  | 190       | 0.8     |
|                |               |                   |   |  |                         | 7 - Parent-In-Law   | 94        | 0.4     |
|                |               |                   |   |  |                         | 8 - Brother/Sister  | 851       | 3.4     |
|                |               |                   |   |  |                         | 9 - Co-Wife   | .         | .       |
|                |               |                   |   |  |                         | 10 - Other Relative                                       | 1,499     | 6.0     |
|                |               |                   |   |  |                         | 11 - Adopted/Foster/Stepchild                             | 211       | 0.8     |
|                |               |                   |   |  |                         | 12 - Not Related  | 367       | 1.5     |
| 14             | livehere      | Household Roster  | (4) HH Roster: Does Name Usually Live Here?   | Usually lives here   | Numeric                 | -8 - Don't Know   | 4         | .       |
|                |               |                   |   |  |                         | 1 - Yes   | 23,239    | 92.5    |
| 15             | sleephere     | Household Roster  | (5) HH Roster: Did [name] Sleep Here Last Night?  | Slept here last night  | Numeric                 | 2 - No  | 1,893     | 7.5     |
|                |               |                   |   |  |                         | 1 - Yes   | 21,972    | 87.4    |
| 16             | emancipated   | Household Roster  | (7) HH Roster: Is Name A Child With Special Circumstances?  | Emancipated minor  | Numeric                 | 2 - No  | 1,602     | 95.1    |
|                |               |                   |   |  |                         | -8 - Don't Know   | 2         | .       |
|                |               |                   |   |  |                         | -9 - Refused  | .         | .       |
|                |               |                   |   |  |                         | 1 - Yes   | 83        | 4.9     |
| 17             | liveawaym     | Household Roster  | (8) HH Roster: When Was The Last Time Name Slept The Night In The Household?: Month                       | Last time slept the night in the household (Month)                       | Numeric                 | -8 - Don't Know Month                                     | 11        | .       |
|                |               |                   |   |  |                         | -9 - Refused Month  | .         | .       |
|                |               |                   |   |  |                         | Mean:7.9, range (1-12); no. missing values:23,169         | 1,952     | .       |
| 18             | liveawayy     | Household Roster  | (8) HH Roster: When Was The Last Time Name Slept The Night In The Household?: Year (bottom coded at 2019) | Last time slept the night in the household (Year) (bottom coded at 2019) | Numeric                 | -8 - Don't Know Year                                      | 18        | .       |
|                |               |                   |   |  |                         | -9 - Refused Year   | 4         | .       |
|                |               |                   |   |  |                         | Mean:2020.9, range (2019-2021); no. missing values:23,169 | 1,941     | .       |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name            | Variable Category | Question Text/<br>Variable Description  | Variable Label                                   | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|--------------------------|-------------------|---|--|-------------------------|--------------------------|-----------|---------|
| 19             | liveaway                 | Household Roster  | (9) HH Roster: Is Name In Another Region Or Country?  | In another region or country                     | Numeric                 | 1 - Yes                  | 489       | 45.3    |
|                |                          |                   |   |  |                         | 2 - No                   | 591       | 54.7    |
|                |                          |                   |   |  |                         | -8 - Don't Know          | 13        | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | 1         | .       |
| 20             | liveregionlivecountry_sz | Household Roster  | (10) HH Roster: Which Region Or Country Is Name In Currently?   | Current region or country live in                | Numeric                 | 1 - Hhohho               | 94        | 19.4    |
|                |                          |                   |   |  |                         | 2 - Lubombo              | 77        | 15.9    |
|                |                          |                   |   |  |                         | 3 - Manzini              | 148       | 30.5    |
|                |                          |                   |   |  |                         | 4 - Shiselweni           | 55        | 11.3    |
|                |                          |                   |   |  |                         | 5 - South Africa         | 111       | 22.9    |
|                |                          |                   |   |  |                         | 6 - Mozambique           | .         | .       |
|                |                          |                   |   |  |                         | 7 - Zimbabwe             | .         | .       |
|                |                          |                   |   |  |                         | 8 - Lesotho              | .         | .       |
|                |                          |                   |   |  |                         | 96 - Other               | 5         | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | .         | .       |
| 21             | sick3mo                  | Household Roster  | (11) HH Roster: Has [name] Been Very Sick For At Least 3 Months During The Past 12 Months, That Is Name Was Too Sick To Work Or Do Normal Activities? | Sick at least 3 months during the past 12 months | Numeric                 | 1 - Yes                  | 832       | 5.6     |
|                |                          |                   |   |  |                         | 2 - No                   | 14,012    | 94.4    |
|                |                          |                   |   |  |                         | -8 - Don't Know          | 144       | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | 2         | .       |
| 22             | chensch                  | Household Roster  | (15) HH Minors: Is Name Currently Enrolled In School?   | Currently enrolled in school                     | Numeric                 | 1 - Yes                  | 7,057     | 69.0    |
|                |                          |                   |   |  |                         | 2 - No                   | 3,173     | 31.0    |
|                |                          |                   |   |  |                         | -8 - Don't Know          | 3         | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | .         | .       |
| 23             | momalive                 | Household Roster  | (16) HH Minors: Is Name's Natural Mother Alive?   | Natural mother alive                             | Numeric                 | 1 - Yes                  | 9,584     | 94.1    |
|                |                          |                   |   |  |                         | 2 - No                   | 598       | 5.9     |
|                |                          |                   |   |  |                         | -8 - Don't Know          | 50        | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | 1         | .       |
| 24             | momhbm                   | Household Roster  | (17) HH Minors: Does Name's Natural Mother Usually Live In This Household Or Was A Guest Last Night?  | Natural mother usual resident in household       | Numeric                 | 1 - Yes                  | 6,216     | 64.9    |
|                |                          |                   |   |  |                         | 2 - No                   | 3,367     | 35.1    |
|                |                          |                   |   |  |                         | -8 - Don't Know          | 6         | .       |
|                |                          |                   |   |  |                         | -9 - Refused             | .         | .       |



### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name | Variable Category | Question Text/<br>Variable Description  | Variable Label                                   | Variable Type and Width | Coding Values and Labels                         | Frequency | Percent |
|----------------|---------------|-------------------|---|--|-------------------------|--|-----------|---------|
| 25             | natmommm      | Household Roster  | (18) HH Minors: Please Select Name's Natural Mother From The List Of Household Members Below.                   | Line number of natural mother                    | Numeric                 | (numeric as character)<br>Mean:2.2, range (1-27) | 6,236     | .       |
| 26             | femguardhmm   | Household Roster  | (19) HH Minors: Does Name Have A Female Guardian Who Usually Lives In This Household Or Was A Guest Last Night? | Is female guardian a usual resident in household | Numeric                 | 1 - Yes  | 3,268     | 81.2    |
|                |               |                   |   |  |                         | 2 - No   | 756       | 18.8    |
|                |               |                   |   |  |                         | -8 - Don't Know                                  | 5         | .       |
|                |               |                   |   |  |                         | -9 - Refused                                     | 2         | .       |
| 27             | momfemname    | Household Roster  | (20) HH Minors: Please Select Name's Female Guardian From The List Of Household Members Below.                  | Minor's female guardian                          | Numeric                 | (numeric as character)<br>Mean:1.5, range (1-16) | 3,266     | .       |
| 28             | dadalive      | Household Roster  | (21) HH Minors: Is [childname]'s Natural Father Alive?  | Natural father alive                             | Numeric                 | 1 - Yes  | 8,877     | 89.1    |
|                |               |                   |   |  |                         | 2 - No   | 1,091     | 11.0    |
|                |               |                   |   |  |                         | -8 - Don't Know                                  | 258       | .       |
|                |               |                   |   |  |                         | -9 - Refused                                     | 7         | .       |
| 29             | dadhmm        | Household Roster  | (22) HH Minors: Does [childname]'s Natural Father Usually Live In This Household Or Was A Guest Last Night?     | Natural father a usual resident in household     | Numeric                 | 1 - Yes  | 3,453     | 39.0    |
|                |               |                   |   |  |                         | 2 - No   | 5,410     | 61.0    |
|                |               |                   |   |  |                         | -8 - Don't Know                                  | 14        | .       |
|                |               |                   |   |  |                         | -9 - Refused                                     | 2         | .       |
| 30             | dadmalename   | Household Roster  | (23) HH Minors: Please Select [childname]'s Natural Father From The List Of Household Members Below.            | Minor's natural father                           | Numeric                 | (numeric as character)<br>Mean:1.8, range (1-16) | 3,467     | .       |
| 31             | maleguardhmm  | Household Roster  | (24) HH Minors: Does Name Have A Male Guardian Who Usually Lives In This Household Or Was A Guest Last Night?   | Male guardian a usual resident in household      | Numeric                 | 1 - Yes  | 1,870     | 27.7    |
|                |               |                   |   |  |                         | 2 - No   | 4,877     | 72.3    |
|                |               |                   |   |  |                         | -8 - Don't Know                                  | 35        | .       |
|                |               |                   |   |  |                         | -9 - Refused                                     | 4         | .       |
| 32             | maleguardname | Household Roster  | (25) HH Minors: Please Select Name's Male Guardian From The List Of Household Members Below.                    | Minor's male guardian                            | Numeric                 | (numeric as character)<br>Mean:1.8, range (1-16) | 1,878     | .       |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name  | Variable Category | Question Text/<br>Variable Description  | Variable Label                                       | Variable Type and Width | Coding Values and Labels                          | Frequency | Percent |
|----------------|----------------|-------------------|---|--|-------------------------|---|-----------|---------|
| 33             | hhconsel       | Household Roster  | (26) HH Minors: (Interviewer: Select An Adult Or Parent/Guardian Who Can Give Permission For Name To Participate In The Survey.)  | Line number of selected parent/guardian              | Numeric                 | Mean:1.3, range (0-16); no. missing values:23,530 | 1,602     | .       |
| 34             | momsick        | Household Roster  | (28) HH Sickness: Has Name's Natural Mother Been Very Sick For At Least 3 Months During The Past 12 Months, That Is She Was Too Sick To Work Or Do Normal Activities?                   | Natural mother ever been sick at least 3 months      | Numeric                 | 1 - Yes   | 306       | 3.4     |
|                |                |                   |   |  |                         | 2 - No  | 8,748     | 96.6    |
|                |                |                   |   |  |                         | -8 - Don't Know                                   | 528       | .       |
|                |                |                   |   |  |                         | -9 - Refused                                      | 3         | .       |
| 35             | mom aids       | Household Roster  | (29) HH Sickness: Does Name's Natural Mother Have HIV/AIDS?   | Natural mother has HIV/AIDS                          | Numeric                 | 1 - Yes   | 118       | 48.4    |
|                |                |                   |   |  |                         | 2 - No  | 126       | 51.6    |
|                |                |                   |   |  |                         | -8 - Don't Know                                   | 66        | .       |
|                |                |                   |   |  |                         | -9 - Refused                                      | 3         | .       |
| 36             | dadsick        | Household Roster  | (30) HH Sickness: Has [childname]'s Natural Father Been Very Sick For At Least 3 Months During The Past 12 Months, That Is He Was Too Sick To Work Or Do Normal Activities?             | Natural father ever been sick at least 3 months      | Numeric                 | 1 - Yes   | 187       | 2.4     |
|                |                |                   |   |  |                         | 2 - No  | 7,748     | 97.6    |
|                |                |                   |   |  |                         | -8 - Don't Know                                   | 942       | .       |
|                |                |                   |   |  |                         | -9 - Refused                                      | 1         | .       |
| 37             | dadaids        | Household Roster  | (31) HH Sickness: Does [childname]'s Natural Father Have HIV/AIDS?  | Natural father has HIV/AIDS                          | Numeric                 | 1 - Yes   | 84        | 53.9    |
|                |                |                   |   |  |                         | 2 - No  | 72        | 46.2    |
|                |                |                   |   |  |                         | -8 - Don't Know                                   | 31        | .       |
|                |                |                   |   |  |                         | -9 - Refused                                      | 3         | .       |
| 38             | supportedmed12 | Household Roster  | (32) HH OVC Support: In The Last 12 Months, Has Your Household Received Any Medical Support For [name], Such As Medical Care, Supplies, Or Medicine, For Which You Did Not Have To Pay? | Household received medical support in past 12 months | Numeric                 | 1 - Yes   | 182       | 6.0     |
|                |                |                   |   |  |                         | 2 - No  | 2,864     | 94.0    |
|                |                |                   |   |  |                         | -8 - Don't Know                                   | 14        | .       |
|                |                |                   |   |  |                         | -9 - Refused                                      | 2         | .       |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name   | Variable Category | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|-----------------|-------------------|--|--|-------------------------|--------------------------|-----------|---------|
| 39             | supportemot12   | Household Roster  | (33) HH OVC Support: In The Last 12 Months, Has Your Household Received Any Emotional Or Psychological Support For [name], Such As Companionship, Counseling From A Trained Counselor, Or Spiritual Support, Which You Received At Home And For Which You Did Not Have To Pay? | Household received emotional support for child in past 12 months   | Numeric                 | 1 - Yes                  | 72        | 2.4     |
|                |                 |                   |  |  |                         | 2 - No                   | 2,972     | 97.6    |
|                |                 |                   |  |  |                         | -8 - Don't Know          | 16        | .       |
|                |                 |                   |  |  |                         | -9 - Refused             | 2         | .       |
| 40             | supportemot3    | Household Roster  | (34) HH OVC Support: Did Your Household Receive Any Of This Emotional Or Psychological Support For [name] In The Past 3 Months?  | Household received emotional support for child in past 3 months    | Numeric                 | 1 - Yes                  | 35        | 48.6    |
|                |                 |                   |  |  |                         | 2 - No                   | 37        | 51.4    |
|                |                 |                   |  |  |                         | -8 - Don't Know          | .         | .       |
|                |                 |                   |  |  |                         | -9 - Refused             | .         | .       |
| 41             | supportmater12  | Household Roster  | (35) HH OVC Support: In The Last 12 Months, Has Your Household Received Any Material Support For [name], Such As Clothing, Food, Or Financial Support, For Which You Did Not Have To Pay?  | Household received material support for child in past 12 months    | Numeric                 | 1 - Yes                  | 171       | 5.6     |
|                |                 |                   |  |  |                         | 2 - No                   | 2,859     | 94.4    |
|                |                 |                   |  |  |                         | -8 - Don't Know          | 30        | .       |
|                |                 |                   |  |  |                         | -9 - Refused             | 2         | .       |
| 42             | supportmater3   | Household Roster  | (36) HH OVC Support: Did Your Household Receive Any Of This Material Support For [name] In The Past 3 Months?  | Household received material support for child in the past 3 months | Numeric                 | 1 - Yes                  | 65        | 38.0    |
|                |                 |                   |  |  |                         | 2 - No                   | 106       | 62.0    |
|                |                 |                   |  |  |                         | -8 - Don't Know          | .         | .       |
|                |                 |                   |  |  |                         | -9 - Refused             | .         | .       |
| 43             | supportsocial12 | Household Roster  | (37) HH OVC Support: In The Last 12 Months, Has Your Household Received Any Social Support For [name] Such As Help In Household Work, Training For A Caregiver, Or Legal Services, For Which You Did Not Have To Pay?  | Household received social support for child in past 12 months      | Numeric                 | 1 - Yes                  | 101       | 3.3     |
|                |                 |                   |  |  |                         | 2 - No                   | 2,942     | 96.7    |
|                |                 |                   |  |  |                         | -8 - Don't Know          | 16        | .       |
|                |                 |                   |  |  |                         | -9 - Refused             | 3         | .       |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name  | Variable Category | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels                   | Frequency | Percent |
|----------------|----------------|-------------------|---|--|-------------------------|--|-----------|---------|
| 44             | supportsocial3 | Household Roster  | (38) HH OVC Support: Did Your Household Receive Any Of This Social Support For [name] In The Past 3 Months?   | Household received social support for child in past 3 months | Numeric                 | 1 - Yes                                    | 37        | 37.0    |
|                |                |                   |   |  |                         | 2 - No                                     | 63        | 63.0    |
|                |                |                   |   |  |                         | -8 - Don't Know                            | 1         | .       |
|                |                |                   |   |  |                         | -9 - Refused                               | .         | .       |
| 45             | supportschol12 | Household Roster  | (39) HH OVC Support: In The Last 12 Months, Has Your Household Received Any Support For [name]'s Schooling, Such As Allowance, Free Admission, Books, Or Supplies, For Which You Did Not Have To Pay? | Household received school support                            | Numeric                 | 1 - Yes                                    | 716       | 30.3    |
|                |                |                   |   |  |                         | 2 - No, Did Not Receive Support            | 1,614     | 68.2    |
|                |                |                   |   |  |                         | 3 - No, Child Does Not Attend School       | 36        | 1.5     |
|                |                |                   |   |  |                         | -8 - Don't Know                            | 19        | .       |
|                |                |                   |   |  |                         | -9 - Refused                               | 3         | .       |
| 46             | ind0040        | Response Variable | Cannot Start Individual Interview: Reason: You Have Indicated That You Cannot Collect Data On Name. Please Select Reason Why Data Cannot Be Collected.  | Reason cannot start individual interview                     | Numeric                 | 1 - Not Available After All Visit Attempts | 831       | 53.1    |
|                |                |                   |   |  |                         | 2 - Refused                                | 572       | 36.6    |
|                |                |                   |   |  |                         | 3 - Incapacitated                          | 162       | 10.4    |
|                |                |                   |   |  |                         | 96 - Other (Specify)                       | 124       | .       |
| 47             | agegroup       | Derived           | Age groups - 5-year groups  | Age groups - 5-year groups                                   | Numeric                 | 1 - 0-4 years                              | 2,825     | 11.2    |
|                |                |                   |   |  |                         | 2 - 5-9 years                              | 2,817     | 11.2    |
|                |                |                   |   |  |                         | 3 - 10-14 years                            | 2,907     | 11.6    |
|                |                |                   |   |  |                         | 4 - 15-19 years                            | 2,693     | 10.7    |
|                |                |                   |   |  |                         | 5 - 20-24 years                            | 2,413     | 9.6     |
|                |                |                   |   |  |                         | 6 - 25-29 years                            | 2,224     | 8.9     |
|                |                |                   |   |  |                         | 7 - 30-34 years                            | 2,009     | 8.0     |
|                |                |                   |   |  |                         | 8 - 35-39 years                            | 1,783     | 7.1     |
|                |                |                   |   |  |                         | 9 - 40-44 years                            | 1,252     | 5.0     |
|                |                |                   |   |  |                         | 10 - 45-49 years                           | 967       | 3.9     |
|                |                |                   |   |  |                         | 11 - 50-54 years                           | 765       | 3.0     |
|                |                |                   |   |  |                         | 12 - 55-59 years                           | 708       | 2.8     |
|                |                |                   |   |  |                         | 13 - 60-64 years                           | 610       | 2.4     |
|                |                |                   |   |  |                         | 14 - 65+                                   | 1,159     | 4.6     |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name       | Variable Category | Question Text/<br>Variable Description | Variable Label                        | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------------|-------------------|--|---------------------------------------|-------------------------|--------------------------|-----------|---------|
| 48             | agegroup5population | Derived           | Age groups - for population pyramid    | Age groups for population pyramid     | Numeric                 | 1 - 0-4 years            | 2,825     | 11.2    |
|                |                     |                   |  |                                       |                         | 2 - 5-9 years            | 2,817     | 11.2    |
|                |                     |                   |  |                                       |                         | 3 - 10-14 years          | 2,907     | 11.6    |
|                |                     |                   |  |                                       |                         | 4 - 15-19 years          | 2,693     | 10.7    |
|                |                     |                   |  |                                       |                         | 5 - 20-24 years          | 2,413     | 9.6     |
|                |                     |                   |  |                                       |                         | 6 - 25-29 years          | 2,224     | 8.9     |
|                |                     |                   |  |                                       |                         | 7 - 30-34 years          | 2,009     | 8.0     |
|                |                     |                   |  |                                       |                         | 8 - 35-39 years          | 1,783     | 7.1     |
|                |                     |                   |  |                                       |                         | 9 - 40-44 years          | 1,252     | 5.0     |
|                |                     |                   |  |                                       |                         | 10 - 45-49 years         | 967       | 3.9     |
|                |                     |                   |  |                                       |                         | 11 - 50-54 years         | 765       | 3.0     |
|                |                     |                   |  |                                       |                         | 12 - 55-59 years         | 708       | 2.8     |
|                |                     |                   |  |                                       |                         | 13 - 60-64 years         | 610       | 2.4     |
|                |                     |                   |  |                                       |                         | 14 - 65-69 years         | 396       | 1.6     |
|                |                     |                   |  |                                       |                         | 15 - 70-74 years         | 314       | 1.3     |
|                |                     |                   |  |                                       |                         | 16 - 75-79 years         | 192       | 0.8     |
|                |                     |                   |  |                                       |                         | 17 - 80 + years          | 257       | 1.0     |
| 49             | agegroup10alt       | Derived           | Age groups - 10-year groups            | Age groups - 10-year groups           | Numeric                 | 1 - 0-14 years           | 8,549     | 34.0    |
|                |                     |                   |  |                                       |                         | 2 - 15-24 years          | 5,106     | 20.3    |
|                |                     |                   |  |                                       |                         | 3 - 25-34 years          | 4,233     | 16.8    |
|                |                     |                   |  |                                       |                         | 4 - 35-44 years          | 3,035     | 12.1    |
|                |                     |                   |  |                                       |                         | 5 - 45-54 years          | 1,732     | 6.9     |
|                |                     |                   |  |                                       |                         | 6 - 55-64 years          | 1,318     | 5.2     |
|                |                     |                   |  |                                       |                         | 7 - 65+ years            | 1,159     | 4.6     |
| 50             | age15_49            | Derived           | Respondent is 15-49 years old          | Respondent is 15-49 years old         | Numeric                 | 1 - Age 15-49            | 13,341    | 53.1    |
|                |                     |                   |  |                                       |                         | 2 - Not age 15-49        | 11,791    | 46.9    |
| 51             | age15_up            | Derived           | Respondent is 15 years old or greater  | Respondent is 15 years old or greater | Numeric                 | 1 - Age 15+              | 16,583    | 66.0    |
|                |                     |                   |  |                                       |                         | 2 - Not age 15+          | 8,549     | 34.0    |
| 52             | age15_24            | Derived           | Respondent is 15-24 years old          | Respondent is 15-24 years old         | Numeric                 | 1 - Age 15-24            | 5,106     | 20.3    |
|                |                     |                   |  |                                       |                         | 2 - Not age 15-24        | 20,026    | 79.7    |

### ***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name    | Variable Category | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels                               | Frequency | Percent |
|----------------|------------------|-------------------|---|---|-------------------------|--|-----------|---------|
| 53             | age50_up         | Derived           | Respondent is 50 years old or greater   | Respondent is 50 years old or greater   | Numeric                 | 1 - Age 50+  | 3,242     | 12.9    |
|                |                  |                   |   |   |                         | 2 - Not age 50+  | 21,890    | 87.1    |
| 54             | wealthscorecont  | Derived           | Wealth index score; usually between -4 and +4   | Wealth index scores   | Numeric                 | Mean:-0.1, range (-2.2-3); no. missing values:3        | 25,129    | .       |
| 55             | wealthquintile   | Derived           | Wealth quintile; calculated from wealthscorecont; calculation varies by country; not recommended for use in pooled analyses   | Wealth quintile   | Numeric                 | 1 - Lowest   | 6,291     | 25.0    |
|                |                  |                   |   |   |                         | 2 - Second   | 6,673     | 26.6    |
|                |                  |                   |   |   |                         | 3 - Middle   | 5,217     | 20.8    |
|                |                  |                   |   |   |                         | 4 - Fourth   | 3,669     | 14.6    |
|                |                  |                   |   |   |                         | 5 - Highest  | 3,279     | 13.1    |
|                |                  |                   |   |   |                         | 99 - Missing   | 3         | .       |
| 56             | partnerclusterid | ID Variable       | Identifier for the partnership cluster (group of 2 or more people in the same household linked by marriage(s) and/or sexual partnership(s)) that the person belongs to. See the partnership cluster section of the documentation for details about the creation of this variable. | Identifier for the partnership cluster (group of 2 or more people in the same household linked by marriage(s) and/or sexual partnership(s)) | Numeric                 | Mean:1068.8, range (1-2135); no. missing values:20,849 | 4,279     | .       |
| 57             | partid1          | ID Variable       | Person ID corresponding to the household member indicated as the person's first most-recent sexual partner. Created from Module 5 parthhline variables.   | Person ID corresponding to the household member indicated as the person's first most-recent sexual partner.                                 | Text (16)               | (character variable); no. missing values:22,210        | 2,922     | 11.6    |
| 58             | partid2          | ID Variable       | Person ID corresponding to the household member indicated as the person's second most-recent sexual partner. Created from Module 5 parthhline variables.  | Person ID corresponding to the household member indicated as the person's second most-recent sexual partner.                                | Text (16)               | (character variable); no. missing values:25,080        | 52        | 0.2     |
| 59             | partid3          | ID Variable       | Person ID corresponding to the household member indicated as the person's third most-recent sexual partner. Created from Module 5 parthhline variables.   | Person ID corresponding to the household member indicated as the person's third most-recent sexual partner.                                 | Text (16)               | (character variable); no. missing values:25,128        | 4         | 0.0     |

***SHIMS3 2021 Roster Dataset***

| Variable Order | Variable Name | Variable Category  | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|---------------|--------------------|--|--|-------------------------|--|-----------|---------|
| 60             | husid         | ID Variable        | Person ID corresponding to the household member confirmed as the person's husband. | Person ID corresponding to the household member confirmed as the person's husband. | Text (16)               | (character variable); no. missing values:23,473          | 1,659     | 6.6     |
| 61             | indiv_bwt0    | Weighting Variable | Individual Base Weight   | Individual Base Weight   | Numeric                 | Mean:57.6, range (18.3-140.2); no. missing values:11,118 | 14,014    | .       |
| 62             | trmpnr1w0     | Weighting Variable | Trimmed Person Nonresponse Adjusted Weight: full sample                            | Trimmed Person Nonresponse Adjusted Weight: full sample                            | Numeric                 | Mean:57.6, range (0-260.4); no. missing values:11,122    | 14,010    | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category                | Question Text/<br>Variable Description   | Variable Label                 | Variable Type and Width | Coding Values and Labels                       | Frequency | Percent |
|----------------|----------------|----------------------------------|--|--------------------------------|-------------------------|--|-----------|---------|
| 1              | country        | ID Variable                      | Country Name   | Country Name                   | Text (20)               | Eswatini                                       | 12,043    | 100.0   |
| 2              | year           | ID Variable                      | Survey Year  | Survey Year                    | Numeric                 | 2021   | 12,043    | 100.0   |
| 3              | householdid    | ID Variable                      | Household ID   | Household ID                   | Text (14)               | (character variable); no. missing values:0     | 12,043    | 100.0   |
| 4              | personid       | ID Variable                      | Person ID  | Person ID                      | Text (16)               | (character variable); no. missing values:0     | 12,043    | 100.0   |
| 5              | centroidid     | ID Variable                      | EA Centroid ID   | EA Centroid ID                 | Text (9)                | (character variable); no. missing values:0     | 12,043    | 100.0   |
| 6              | indstatus      | Response Variable                | Respondent disposition code  | Respondent disposition code    | Numeric                 | 1 - Eligible Respondent                        | 12,043    | 100.0   |
|                |                |                                  |  |                                |                         | 2 - Eligible Non-Respondent                    | .         | .       |
|                |                |                                  |  |                                |                         | 4 - Unknown Eligibility Status                 | .         | .       |
|                |                |                                  |  |                                |                         | 5 - Roster ineligible                          | .         | .       |
|                |                |                                  |  |                                |                         | 9 -Non-defacto Individuals                     | .         | .       |
| 7              | region         | ID Variable                      | Region   | Region                         | Numeric                 | 1 - Hhohho                                     | 3,155     | 26.2    |
|                |                |                                  |  |                                |                         | 2 - Lubombo                                    | 2,509     | 20.8    |
|                |                |                                  |  |                                |                         | 3 - Manzini                                    | 3,987     | 33.1    |
|                |                |                                  |  |                                |                         | 4 - Shiselweni                                 | 2,392     | 19.9    |
| 8              | urban          | Derived                          | Urban/rural area Indicator   | Urban/rural area Indicator     | Numeric                 | 1 - Urban                                      | 2,321     | 19.3    |
|                |                |                                  |  |                                |                         | 2 - Rural                                      | 9,722     | 80.7    |
| 9              | gender         | Derived                          | Gender, giving preference to the gender collected in the adult questionnaire; self-reported  | Gender                         | Numeric                 | 1 - Male                                       | 5,058     | 42.0    |
|                |                |                                  |  |                                |                         | 2 - Female                                     | 6,985     | 58.0    |
| 10             | age            | Derived                          | Combined age in years, giving preference to age collected in the individual questionnaire (age from household roster if individual questionnaire age is blank); top-coded at 80 for confidentiality purposes | Age in years (top coded at 80) | Numeric                 | Mean:36.3, range (15-80); no. missing values:0 | 12,043    | .       |
| 11             | lngvqx_lng_sz  | Individual Questionnaire - Start | L1: Language Of Questionnaire  | Language Of Questionnaire      | Numeric                 | 1 - English                                    | 1,424     | 11.8    |
|                |                |                                  |  |                                |                         | 2 - Siswati                                    | 10,619    | 88.2    |
| 12             | lngvint_lng_sz | Individual Questionnaire - Start | L2: Language Of Interview  | Language Of Interview          | Numeric                 | 1 - English                                    | 1,189     | 9.9     |
|                |                |                                  |  |                                |                         | 2 - Siswati                                    | 10,854    | 90.1    |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description                        | Variable Label                    | Variable Type<br>and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|---|-----------------------------------|----------------------------|--------------------------|-----------|---------|
| 13             | lngnat_lng_sz | Individual<br>Questionnaire - Start                       | L3: Native Language Of<br>Participant                         | Native Language Of<br>Participant | Numeric                    | 1 - English              | 773       | 6.4     |
|                |               |   |   |                                   |                            | 2 - Siswati              | 11,252    | 93.6    |
|                |               |   |   |                                   |                            | 96 - Other               | 18        | .       |
| 14             | schlat        | Individual<br>Questionnaire -<br>Respondent<br>Background | (101) Background: Have<br>You Ever Attended<br>School?        | Attended school?                  | Numeric                    | 1 - Yes                  | 11,173    | 92.8    |
|                |               |   |   |                                   |                            | 2 - No                   | 865       | 7.2     |
|                |               |   |   |                                   |                            | -8 - Don't Know          | 3         | .       |
|                |               |   |   |                                   |                            | -9 - Refused             | 2         | .       |
| 15             | schlcur       | Individual<br>Questionnaire -<br>Respondent<br>Background | (102) Background: Are<br>You Currently Enrolled In<br>School? | Currently in school?              | Numeric                    | 1 - Yes                  | 2,652     | 23.7    |
|                |               |   |   |                                   |                            | 2 - No                   | 8,518     | 76.3    |
|                |               |   |   |                                   |                            | -8 - Don't Know          | 3         | .       |
|                |               |   |   |                                   |                            | -9 - Refused             | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                                | Question Text/<br>Variable Description   | Variable Label                      | Variable Type and Width | Coding Values and Labels                           | Frequency | Percent |
|----------------|---------------|--|--|-------------------------------------|-------------------------|--|-----------|---------|
| 16             | schcom_sz     | Individual Questionnaire - Respondent Background | (103) Background: What Is The Highest Level Of School You Have Completed: Primary, Secondary, Or Higher? | Highest education level completed   | Numeric                 | 2 - Level 0 (Grade 0) or Level 1 (Primary, Year 1) | 106       | 1.0     |
|                |               |  |  |                                     |                         | 3 - Level 1 (Primary, Year 2)                      | 233       | 2.1     |
|                |               |  |  |                                     |                         | 4 - Level 1 (Primary, Year 3)                      | 383       | 3.4     |
|                |               |  |  |                                     |                         | 5 - Level 1 (Primary, Year 4)                      | 458       | 4.1     |
|                |               |  |  |                                     |                         | 6 - Level 1 (Primary, Year 5)                      | 460       | 4.1     |
|                |               |  |  |                                     |                         | 7 - Level 1 (Primary, Year 6)                      | 365       | 3.3     |
|                |               |  |  |                                     |                         | 8 - Level 1 (Primary, Year 7)                      | 884       | 7.9     |
|                |               |  |  |                                     |                         | 9 - Level 2 (Secondary, Form 1)                    | 632       | 5.7     |
|                |               |  |  |                                     |                         | 10 - Level 2 (Secondary, Form 2)                   | 1,317     | 11.8    |
|                |               |  |  |                                     |                         | 11 - Level 2 (Secondary, Form 3)                   | 1,397     | 12.5    |
|                |               |  |  |                                     |                         | 12 - Level 2 (Secondary, Form 4)                   | 949       | 8.5     |
|                |               |  |  |                                     |                         | 13 - Level 2 (Secondary, Form 5)                   | 2,339     | 21.0    |
|                |               |  |  |                                     |                         | 14 - Level 2 (Secondary, Form 6)                   | 154       | 1.4     |
|                |               |  |  |                                     |                         | 15 - Level 3 (Short Cycle Tertiary)                | 770       | 6.9     |
|                |               |  |  |                                     |                         | 16 - Level 3 (Bachelor's Program)                  | 622       | 5.6     |
|                |               |  |  |                                     |                         | 17 - Level 3 (Master's Program)                    | 93        | 0.8     |
|                |               |  |  |                                     |                         | 17 - Level 3 (Master's or Doctoral Program)        | 93        | 0.8     |
|                |               |  |  |                                     |                         | -8 - Don't Know                                    | 9         | .       |
|                |               |  |  |                                     |                         | -9 - Refused                                       | 2         | .       |
| 17             | outregiontype | Individual Questionnaire - Respondent Background | (105) Background: Just Before You Moved Here, Did You Live In A City, In A Town, Or In A Rural Area?     | Place lived before current location | Numeric                 | 1 - City   | 571       | 5.8     |
|                |               |  |  |                                     |                         | 2 - Town   | 2,177     | 22.2    |
|                |               |  |  |                                     |                         | 3 - Rural Area                                     | 7,052     | 72.0    |
|                |               |  |  |                                     |                         | -8 - Don't Know                                    | 540       | .       |
|                |               |  |  |                                     |                         | -9 - Refused                                       | 86        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name   | Variable Category                                | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|-----------------|--|---|--|-------------------------|--|-----------|---------|
| 18             | outregionwhr_sz | Individual Questionnaire - Respondent Background | (106) Background: Before You Moved Here, Which Region Did You Live In? If You Lived Outside Of Eswatini, Which Country Did You Live In? | Region lived in before current   | Numeric                 | 1 - Hhohho   | 2,469     | 24.7    |
|                |                 |  |   |  |                         | 2 - Lubombo  | 1,961     | 19.6    |
|                |                 |  |   |  |                         | 3 - Manzini  | 3,243     | 32.5    |
|                |                 |  |   |  |                         | 4 - Shiselweni   | 2,066     | 20.7    |
|                |                 |  |   |  |                         | 5 - South Africa   | 212       | 2.1     |
|                |                 |  |   |  |                         | 6 - Mozambique   | 42        | 0.4     |
|                |                 |  |   |  |                         | 7 - Zimbabwe   | .         | .       |
|                |                 |  |   |  |                         | 8 - Lesotho  | .         | .       |
|                |                 |  |   |  |                         | 96 - Other (Specify)                                     | 50        | .       |
|                |                 |  |   |  |                         | -8 - Don't Know  | 333       | .       |
|                |                 |  |   |  |                         | -9 - Refused   | 50        | .       |
| 19             | monthoutever    | Individual Questionnaire - Respondent Background | (107) Background: Have You Ever Lived Away From Home For More Than 1 Month At A Time?   | Lived away for more than 1 month   | Numeric                 | 1 - Yes  | 2,341     | 19.5    |
|                |                 |  |   |  |                         | 2 - No   | 9,654     | 80.5    |
|                |                 |  |   |  |                         | -8 - Don't Know  | 45        | .       |
|                |                 |  |   |  |                         | -9 - Refused   | 3         | .       |
| 20             | monthwhenm      | Individual Questionnaire - Respondent Background | (108) Background: When Was The Last Time That You Lived Away From Home For Over A Month?: Month   | Last time away from home more than 1 month (Month)                       | Numeric                 | Mean:6.4, range (1-12); no. missing values:9,702         | 2,217     | .       |
|                |                 |  |   |  |                         | -8 - Don't Know Month                                    | 124       | .       |
|                |                 |  |   |  |                         | -9 - Refused Month                                       | .         | .       |
| 21             | monthwheny      | Individual Questionnaire - Respondent Background | (108) Background: When Was The Last Time That You Lived Away From Home For Over A Month?: Year (bottom coded at 2010)                   | Last time away from home more than 1 month (Year) (bottom coded at 2010) | Numeric                 | Mean:2019.3, range (2010-2021); no. missing values:9,702 | 2,316     | .       |
|                |                 |  |   |  |                         | -8 - Don't Know Year                                     | 22        | .       |
|                |                 |  |   |  |                         | -9 - Refused Year  | 3         | .       |
| 22             | monthtimes      | Individual Questionnaire - Respondent Background | (109) Background: How Many Times Have You Been Away From Home For One Or More Months In The Past Year? (top coded at 7)                 | Number of times away from home in past year (top coded at 7)             | Numeric                 | Mean:2.2, range (1-7); no. missing values:10,623         | 1,276     | .       |
|                |                 |  |   |  |                         | -8 - Don't Know  | 137       | .       |
|                |                 |  |   |  |                         | -9 - Refused   | 7         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                                | Question Text/<br>Variable Description   | Variable Label                                | Variable Type and Width | Coding Values and Labels                                    | Frequency | Percent |
|----------------|---------------|--|--|---|-------------------------|---|-----------|---------|
| 23             | whereout_sz   | Individual Questionnaire - Respondent Background | (110) Background: The Last Time You Were Away From Home For More Than A Month, Where Were You? | Places you have been to for more than a month | Numeric                 | 1 - Another Community In This Inkhundla                     | 65        | 2.8     |
|                |               |  |  |   |                         | 2 - Another Inkhundla In This Region                        | 60        | 2.6     |
|                |               |  |  |   |                         | 3 - Hhohho  | 444       | 19.4    |
|                |               |  |  |   |                         | 4 - Lubombo   | 294       | 12.8    |
|                |               |  |  |   |                         | 5 - Manzini   | 723       | 31.5    |
|                |               |  |  |   |                         | 6 - Shiselweni  | 249       | 10.9    |
|                |               |  |  |   |                         | 7 - South Africa  | 458       | 20.0    |
|                |               |  |  |   |                         | 8 - Mozambique  | .         | .       |
|                |               |  |  |   |                         | 9 - Zimbabwe  | .         | .       |
|                |               |  |  |   |                         | 10 - Lesotho  | .         | .       |
|                |               |  |  |   |                         | 96 - Other (Specify)  | 46        | .       |
|                |               |  |  |   |                         | -8 - Don't Know   | 1         | .       |
|                |               |  |  |   |                         | -9 - Refused  | 1         | .       |
| 24             | reasonaway_sz | Individual Questionnaire - Respondent Background | (111) Background: What Was The Main Reason You Went There?                                     | Main reason you left home                     | Numeric                 | 1 - Work  | 983       | 42.7    |
|                |               |  |  |   |                         | 2 - School/University                                       | 377       | 16.4    |
|                |               |  |  |   |                         | 3 - Family/Marriage   | 724       | 31.4    |
|                |               |  |  |   |                         | 4 - Access Health Or Other Services                         | 46        | 2.0     |
|                |               |  |  |   |                         | 5 - Conflict Or Natural Disaster (Floods, Cyclone, Drought) | .         | .       |
|                |               |  |  |   |                         | 6 - Covid-19 Partial Lockdown                               | 80        | 3.5     |
|                |               |  |  |   |                         | 7 - Visit/Vacation  | 95        | 4.1     |
|                |               |  |  |   |                         | 8 - Arrested  | .         | .       |
|                |               |  |  |   |                         | 96 - Other (Specify)  | 22        | .       |
|                |               |  |  |   |                         | -8 - Don't Know   | 3         | .       |
|                |               |  |  |   |                         | -9 - Refused  | 11        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                                | Question Text/<br>Variable Description  | Variable Label                    | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|--|---|-----------------------------------|-------------------------|--------------------------|-----------|---------|
| 25             | work12mo      | Individual Questionnaire - Respondent Background | (112) Background: Have You Done Any Work In The Last 12 Months For Which You Received Cash Or Goods As Payment? This Includes Work On The Family Farm Or Business For Which You May Not Have Been Paid Directly.  | Have you worked in past 12 months | Numeric                 | 1 - Yes                  | 3,852     | 32.0    |
|                |               |  |   |                                   |                         | 2 - No                   | 8,185     | 68.0    |
|                |               |  |   |                                   |                         | -8 - Don't Know          | 2         | .       |
|                |               |  |   |                                   |                         | -9 - Refused             | 4         | .       |
| 26             | work7days     | Individual Questionnaire - Respondent Background | (113) Background: Have You Done Any Work In The Last Seven Days For Which You Received Cash Or Goods As Payment? This Includes Work On The Family Farm Or Business For Which You May Not Have Been Paid Directly. | Have you worked in last 7 days    | Numeric                 | 1 - Yes                  | 2,451     | 63.6    |
|                |               |  |   |                                   |                         | 2 - No                   | 1,401     | 36.4    |
|                |               |  |   |                                   |                         | -8 - Don't Know          | .         | .       |
|                |               |  |   |                                   |                         | -9 - Refused             | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                                | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels              | Frequency | Percent |
|----------------|---------------|--|--|---|-------------------------|---------------------------------------|-----------|---------|
| 27             | workind       | Individual Questionnaire - Respondent Background | (114) Background: What Is Your Occupation? That Is, What Kind Of Work Do You Mainly Do?                                    | Occupation  | Numeric                 | 1 - Mining                            | .         | .       |
|                |               |  |  |   |                         | 2 - Agriculture/Farming               | 699       | 18.7    |
|                |               |  |  |   |                         | 3 - Transport                         | 168       | 4.5     |
|                |               |  |  |   |                         | 4 - Construction                      | 386       | 10.3    |
|                |               |  |  |   |                         | 5 - Uniformed Personnel               | 391       | 10.5    |
|                |               |  |  |   |                         | 6 - Informal Trade                    | 529       | 14.2    |
|                |               |  |  |   |                         | 7 - Garment Industries                | 313       | 8.4     |
|                |               |  |  |   |                         | 8 - Housekeeper                       | 420       | 11.2    |
|                |               |  |  |   |                         | 9 - Sex Worker                        | .         | .       |
|                |               |  |  |   |                         | 10 - Student                          | 40        | 1.1     |
|                |               |  |  |   |                         | 11 - Sales/Services                   | 362       | 9.7     |
|                |               |  |  |   |                         | 12 - Teacher                          | 180       | 4.8     |
|                |               |  |  |   |                         | 13 - Healthcare                       | 61        | 1.6     |
|                |               |  |  |   |                         | 14 - Clerical                         | 59        | 1.6     |
|                |               |  |  |   |                         | 15 - Unemployed                       | .         | .       |
|                |               |  |  |   |                         | 16 - Engineer/Tradesman               | 68        | 1.8     |
|                |               |  |  |   |                         | 17 - Forestry/Landscaping             | 28        | 0.8     |
|                |               |  |  |   |                         | 18 - Community Work/Social Services   | 31        | 0.8     |
|                |               |  |  |   |                         | 96 - Other (Specify)                  | 93        | .       |
|                |               |  |  |   |                         | -8 - Don't Know                       | 9         | .       |
|                |               |  |  |   |                         | -9 - Refused                          | 15        | .       |
| 28             | normwork      | Individual Questionnaire - Respondent Background | (115) Background: Where Do You Normally Work? In Your Home Community, Elsewhere In Region/Country, Or Outside The Country? | Location of work place                                | Numeric                 | 1 - Home Community                    | 2,442     | 63.8    |
|                |               |  |  |   |                         | 2 - Same Country, Different Community | 1,288     | 33.7    |
|                |               |  |  |   |                         | 3 - Outside The Country               | 96        | 2.5     |
|                |               |  |  |   |                         | -8 - Don't Know                       | 16        | .       |
|                |               |  |  |   |                         | -9 - Refused                          | 10        | .       |
| 29             | evermar       | Individual Questionnaire - Marriage              | (201) Marriage: Have You Ever Been Married Or Lived Together With A Man As If Married?                                     | Ever been married or lived with someone as if married | Numeric                 | 1 - Yes                               | 6,013     | 50.0    |
|                |               |  |  |   |                         | 2 - No                                | 6,003     | 50.0    |
|                |               |  |  |   |                         | -8 - Don't Know                       | 11        | .       |
|                |               |  |  |   |                         | -9 - Refused                          | 16        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                   | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels                             | Frequency | Percent |
|----------------|---------------|-------------------------------------|---|---|-------------------------|--|-----------|---------|
| 30             | agemar        | Individual Questionnaire - Marriage | (202) Marriage: How Old Were You The First Time You Married Or Started Living With A Man As If Married? (bottom coded at 14 and top coded at 40)      | Age at the time of first marriage or started living with someone as if married (bottom coded at 14 and top coded at 40) | Numeric                 | Mean:26.2, range (14-40); no. missing values:6,030   | 5,776     | .       |
|                |               |                                     |   |   |                         | -8 - Don't Know                                      | 225       | .       |
|                |               |                                     |   |   |                         | -9 - Refused   | 12        | .       |
| 31             | curmar        | Individual Questionnaire - Marriage | (203) Marriage: What Is Your Marital Status Now: Are You Married, Living Together With Someone As If Married, Widowed, Divorced, Or Separated/Single? | Marital status  | Numeric                 | 1 - Married  | 3,814     | 63.9    |
|                |               |                                     |   |   |                         | 2 - Living Together                                  | 517       | 8.7     |
|                |               |                                     |   |   |                         | 3 - Widowed  | 983       | 16.5    |
|                |               |                                     |   |   |                         | 4 - Divorced   | 268       | 4.5     |
|                |               |                                     |   |   |                         | 5 - Separated/Single                                 | 384       | 6.4     |
|                |               |                                     |   |   |                         | -8 - Don't Know                                      | 28        | .       |
| 32             | numwif        | Individual Questionnaire - Marriage | (204) Marriage: Altogether, How Many Wives Or Live-In Partners Do You Have Who Live With You Here In This Household? (top coded at 2)                 | Number of wives or live-in partners in the household (top coded at 2)   | Numeric                 | Mean:1, range (1-2); no. missing values:10,259       | 1,632     | .       |
|                |               |                                     |   |   |                         | -8 - Don't Know                                      | 1         | .       |
|                |               |                                     |   |   |                         | -9 - Refused   | 3         | .       |
| 33             | wifliveew     | Individual Questionnaire - Marriage | (206) Marriage: How Many Wives Or Live-In Partners Do You Have Who Live Elsewhere? (top coded at 2)   | Number of wives or partners who live elsewhere (top coded at 2)   | Numeric                 | Mean:0.3, range (0-2); no. missing values:10,259     | 1,763     | .       |
|                |               |                                     |   |   |                         | -8 - Don't Know                                      | 5         | .       |
|                |               |                                     |   |   |                         | -9 - Refused   | 16        | .       |
| 34             | wifewhere     | Individual Questionnaire - Marriage | (207) Marriage: You Mentioned That You Have Wife/Wives Who Live Elsewhere. Where Are They?  | Location of wives or partners who live elsewhere  | Numeric                 | 1 - Staying In A Different Household, Same Community | 174       | 40.2    |
|                |               |                                     |   |   |                         | 2 - Staying In A Different Community, Same Region    | 142       | 32.8    |
|                |               |                                     |   |   |                         | 3 - Staying In A Different Region                    | 85        | 19.6    |
|                |               |                                     |   |   |                         | 4 - Staying In A Different Country                   | 32        | 7.4     |
|                |               |                                     |   |   |                         | -8 - Don't Know                                      | 8         | .       |
|                |               |                                     |   |   |                         | -9 - Refused   | 8         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                       | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels                             | Frequency | Percent |
|----------------|---------------|---|--|---|-------------------------|--|-----------|---------|
| 35             | huslivew      | Individual Questionnaire - Marriage     | (208) Marriage: Is Your Husband Or Partner Living With You Now Or Is He Staying Elsewhere?   | Is the husband or partner living with you or elsewhere                                      | Numeric                 | 0 - Living In The Household                          | 1,764     | 70.6    |
|                |               |   |  |   |                         | 1 - Staying In A Different Household, Same Community | 187       | 7.5     |
|                |               |   |  |   |                         | 2 - Staying In A Different Community, Same Region    | 177       | 7.1     |
|                |               |   |  |   |                         | 3 - Staying In A Different Region                    | 224       | 9.0     |
|                |               |   |  |   |                         | 4 - Staying In A Different Country                   | 148       | 5.9     |
|                |               |   |  |   |                         | -8 - Don't Know                                      | 26        | .       |
|                |               |   |  |   |                         | -9 - Refused   | 21        | .       |
| 36             | husotwif      | Individual Questionnaire - Marriage     | (211) Marriage: Does Your Husband Or Partner Have Other Wives Or Does He Live With Other Women As If Married?                        | Husband or partner have other wives or other women living as if married                     | Numeric                 | 1 - Yes  | 326       | 13.7    |
|                |               |   |  |   |                         | 2 - No   | 2,060     | 86.3    |
|                |               |   |  |   |                         | -8 - Don't Know                                      | 160       | .       |
|                |               |   |  |   |                         | -9 - Refused   | 1         | .       |
| 37             | husnwif       | Individual Questionnaire - Marriage     | (212) Marriage: Including Yourself, In Total, How Many Wives Or Live-In Partners Does Your Husband Or Partner Have? (top coded at 3) | Number of wives or partners that the husband or partner has including self (top coded at 3) | Numeric                 | Mean:2.2, range (2-3); no. missing values:11,717     | 272       | .       |
|                |               |   |  |   |                         | -8 - Don't Know                                      | 35        | .       |
|                |               |   |  |   |                         | -9 - Refused   | 19        | .       |
| 38             | liveb         | Individual Questionnaire - Reproduction | (301) Reproduction: How Many Times Have You Had A Pregnancy That Resulted In A Live Birth? (top coded at 11)                         | Number of pregnancies resulting in live births (top coded at 11)                            | Numeric                 | Mean:2.7, range (0-11); no. missing values:5,058     | 6,960     | .       |
|                |               |   |  |   |                         | -8 - Don't Know                                      | 8         | .       |
|                |               |   |  |   |                         | -9 - Refused   | 17        | .       |
| 39             | childa2012    | Individual Questionnaire - Reproduction | (302) Reproduction: How Many Times Have You Had A Pregnancy That Resulted In A Live Birth Since The 1st Of January, 2018?            | Live births you had   | Numeric                 | Mean:0.3, range (0-5); no. missing values:6,752      | 5,268     | .       |
|                |               |   |  |   |                         | -8 - Don't Know                                      | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused   | 8         | .       |
| 40             | prgtwin       | Individual Questionnaire - Reproduction | (303) Reproduction: Did Your Last Pregnancy Result In Birth To Twins Or More?  | Was last pregnancy twins or more?   | Numeric                 | 1 - Yes  | 29        | 2.0     |
|                |               |   |  |   |                         | 2 - No   | 1,422     | 98.0    |
|                |               |   |  |   |                         | -8 - Don't Know                                      | .         | .       |
|                |               |   |  |   |                         | -9 - Refused   | 1         | .       |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                       | Question Text/<br>Variable Description   | Variable Label                              | Variable Type and Width | Coding Values and Labels    | Frequency | Percent |
|----------------|---------------|---|--|---|-------------------------|-----------------------------|-----------|---------|
| 41             | prgcare       | Individual Questionnaire - Reproduction | (306) Reproduction: During Your Last Pregnancy With Child, Did You Visit A Health Facility For Antenatal Care?   | Visited facility for ANC at last pregnancy? | Numeric                 | 1 - Yes                     | 1,421     | 97.9    |
|                |               |   |  |   |                         | 2 - No                      | 31        | 2.1     |
|                |               |   |  |   |                         | -8 - Don't Know             | .         | .       |
|                |               |   |  |   |                         | -9 - Refused                | .         | .       |
| 42             | hivtsbp       | Individual Questionnaire - Reproduction | (307) Reproduction: Have You Ever Tested For HIV Before Your Pregnancy With Child?   | Tested for HIV before pregnancy?            | Numeric                 | 1 - Yes                     | 1,336     | 92.1    |
|                |               |   |  |   |                         | 2 - No                      | 114       | 7.9     |
|                |               |   |  |   |                         | -8 - Don't Know             | 1         | .       |
|                |               |   |  |   |                         | -9 - Refused                | 1         | .       |
| 43             | hivpsbp       | Individual Questionnaire - Reproduction | (308) Reproduction: Did You Test Positive For HIV Before Your Pregnancy With Child?  | Test result positive?                       | Numeric                 | 1 - Yes                     | 343       | 25.7    |
|                |               |   |  |   |                         | 2 - No                      | 991       | 74.3    |
|                |               |   |  |   |                         | -8 - Don't Know             | 2         | .       |
|                |               |   |  |   |                         | -9 - Refused                | .         | .       |
| 44             | arvfvst       | Individual Questionnaire - Reproduction | (309) Reproduction: At The Time Of Your First Antenatal Care Visit When You Were Last Pregnant With Child, Were You Already Taking ARVs, That Is, Antiretroviral Medications To Treat HIV? | Mother already taking ARVs?                 | Numeric                 | 1 - Yes                     | 309       | 90.4    |
|                |               |   |  |   |                         | 2 - No                      | 33        | 9.7     |
|                |               |   |  |   |                         | -8 - Don't Know             | .         | .       |
|                |               |   |  |   |                         | -9 - Refused                | 1         | .       |
| 45             | hivtprg       | Individual Questionnaire - Reproduction | (310) Reproduction: Were You Tested For HIV Anytime During Pregnancy Or Delivery With Child?   | Tested for HIV during pregnancy?            | Numeric                 | 1 - Yes                     | 1,006     | 91.0    |
|                |               |   |  |   |                         | 2 - No                      | 100       | 9.0     |
|                |               |   |  |   |                         | -8 - Don't Know             | 3         | .       |
|                |               |   |  |   |                         | -9 - Refused                | .         | .       |
| 46             | hivrtpg       | Individual Questionnaire - Reproduction | (311) Reproduction: What Was The Result Of Your Last HIV Test During Your Last Pregnancy With Child?   | Test result during last pregnancy           | Numeric                 | 1 - Positive                | 51        | 5.1     |
|                |               |   |  |   |                         | 2 - Negative                | 950       | 94.7    |
|                |               |   |  |   |                         | 3 - Inconclusive            | .         | .       |
|                |               |   |  |   |                         | 4 - Did Not Receive Results | 2         | 0.2     |
|                |               |   |  |   |                         | -8 - Don't Know             | 1         | .       |
|                |               |   |  |   |                         | -9 - Refused                | 2         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name    | Variable Category                                | Question Text/<br>Variable Description  | Variable Label                              | Variable Type and Width | Coding Values and Labels                                  | Frequency | Percent |
|----------------|------------------|--|---|---|-------------------------|---|-----------|---------|
| 47             | arvtpkg          | Individual Questionnaire - Reproduction          | (312) Reproduction: Did You Take ARVs At Any Time During Your Last Pregnancy With Child To Prevent The Child From Getting HIV?  | Reasons ARVs changed                        | Numeric                 | 1 - Yes   | 78        | 91.8    |
|                |                  |  |   |   |                         | 2 - No  | 7         | 8.2     |
|                |                  |  |   |   |                         | -8 - Don't Know   | .         | .       |
|                |                  |  |   |   |                         | -9 - Refused  | .         | .       |
| 48             | hivtsad          | Individual Questionnaire - Reproduction          | (314) Reproduction: Were You Tested For HIV At Any Time After Delivery Of Your Last Pregnancy With Child? For Example, Were You Tested While You Were Breastfeeding Or After You Completed Breastfeeding? | Tested for HIV after delivery of last child | Numeric                 | 1 - Yes   | 876       | 83.3    |
|                |                  |  |   |   |                         | 2 - No  | 176       | 16.7    |
|                |                  |  |   |   |                         | -8 - Don't Know   | 5         | .       |
|                |                  |  |   |   |                         | -9 - Refused  | 1         | .       |
| 49             | hivrtad          | Individual Questionnaire - Reproduction          | (315) Reproduction: What Was The Result Of The HIV Test That You Received After Delivery Of Your Last Pregnancy With Child?   | Test result after delivery                  | Numeric                 | 1 - Positive  | 8         | 0.9     |
|                |                  |  |   |   |                         | 2 - Negative  | 863       | 98.9    |
|                |                  |  |   |   |                         | 3 - Inconclusive  | 1         | 0.1     |
|                |                  |  |   |   |                         | 4 - Did Not Receive Results                               | 1         | 0.1     |
|                |                  |  |   |   |                         | -8 - Don't Know   | 2         | .       |
|                |                  |  |   |   |                         | -9 - Refused  | 1         | .       |
| 50             | birthyr          | Individual Questionnaire - Reproduction          | (316) Reproduction: When Did You Give Birth To Child? Please Give Your Best Guess.: Year  | Year of child birth                         | Numeric                 | Mean:2019.6, range (2018-2021); no. missing values:10,591 | 1,428     | .       |
|                |                  |  |   |   |                         | -8 - Don't Know Year                                      | 20        | .       |
|                |                  |  |   |   |                         | -9 - Refused Year   | 4         | .       |
| 51             | childlastsex1_sz | Individual Questionnaire - Reproduction_children | (316a) Reproduction: What Is/Was The Sex Of [childname]?  | What Is/Was The Sex Of Child ?              | Numeric                 | 1 - Male  | 727       | 50.1    |
|                |                  |  |   |   |                         | 2 - Female  | 725       | 49.9    |
|                |                  |  |   |   |                         | -8 - Don't Know   | .         | .       |
|                |                  |  |   |   |                         | -9 - Refused  | .         | .       |
| 52             | childwascirc1_sz | Individual Questionnaire - Reproduction_children | (316b) Reproduction: Was [childname] Circumcised?   | Was Child Circumcised?                      | Numeric                 | 1 - Yes   | 32        | 4.4     |
|                |                  |  |   |   |                         | 2 - No  | 693       | 95.6    |
|                |                  |  |   |   |                         | -8 - Don't Know   | 1         | .       |
|                |                  |  |   |   |                         | -9 - Refused  | 1         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name   | Variable Category                                | Question Text/<br>Variable Description                       | Variable Label            | Variable Type and Width | Coding Values and Labels                      | Frequency | Percent |
|----------------|-----------------|--|--|---------------------------|-------------------------|---|-----------|---------|
| 53             | whynocirc1_sz   | Individual Questionnaire - Reproduction_children | (316c) Reproduction: Why Was Child Not Circumcised?          | Why no Child circumcision | Numeric                 | 1 - Cost Is Too Much                          | .         | .       |
|                |                 |  |  |                           |                         | 2 - Don't Know Where To Get It Done           | 42        | 7.9     |
|                |                 |  |  |                           |                         | 3 - Afraid Of The Pain Child Would Experience | 198       | 37.3    |
|                |                 |  |  |                           |                         | 4 - Bad Experience With MC                    | .         | .       |
|                |                 |  |  |                           |                         | 5 - Family Refused                            | 180       | 33.9    |
|                |                 |  |  |                           |                         | 6 - Not Culturally Appropriate                | .         | .       |
|                |                 |  |  |                           |                         | 7 - No One Offered                            | 111       | 20.9    |
|                |                 |  |  |                           |                         | 8 - Child Was Ill At Birth                    | .         | .       |
|                |                 |  |  |                           |                         | 96 - Other (Specify)                          | 125       | .       |
|                |                 |  |  |                           |                         | -8 - Don't Know                               | 32        | .       |
|                |                 |  |  |                           |                         | -9 - Refused                                  | 5         | .       |
| 54             | childalive1     | Individual Questionnaire - Reproduction_children | (317) Reproduction: Is [childname] Still Alive?              | Is child alive? (1)       | Numeric                 | 1 - Yes                                       | 1,428     | 98.4    |
|                |                 |  |  |                           |                         | 2 - No  | 24        | 1.7     |
|                |                 |  |  |                           |                         | -8 - Don't Know                               | .         | .       |
|                |                 |  |  |                           |                         | -9 - Refused                                  | .         | .       |
| 55             | childbrstfd1    | Individual Questionnaire - Reproduction_children | (320) Reproduction: Did You Ever Breastfeed [childname]?     | Ever breastfeed? (1)      | Numeric                 | 1 - Yes                                       | 1,335     | 92.1    |
|                |                 |  |  |                           |                         | 2 - No, Never Breastfed                       | 115       | 7.9     |
|                |                 |  |  |                           |                         | 3 - No, Child Died Before Breastfeeding       | .         | .       |
|                |                 |  |  |                           |                         | -8 - Don't Know                               | 1         | .       |
|                |                 |  |  |                           |                         | -9 - Refused                                  | .         | .       |
| 56             | childbrstfdnow1 | Individual Questionnaire - Reproduction_children | (321) Reproduction: Are You Still Breastfeeding [childname]? | Still breastfeeding? (1)  | Numeric                 | 1 - Yes                                       | 573       | 43.4    |
|                |                 |  |  |                           |                         | 2 - No  | 746       | 56.6    |
|                |                 |  |  |                           |                         | -8 - Don't Know                               | .         | .       |
|                |                 |  |  |                           |                         | -9 - Refused                                  | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name       | Variable Category                                 | Question Text/<br>Variable Description  | Variable Label                              | Variable Type and Width | Coding Values and Labels              | Frequency | Percent |
|----------------|---------------------|---|---|---|-------------------------|---------------------------------------|-----------|---------|
| 57             | chtsthivbirth1      | Individual Questionnaire - Reproduction_ children | (322) Reproduction: After [childname] Was Born, Was He/She Tested For HIV?  | Child tested for HIV at birth? (1)          | Numeric                 | 1 - Yes                               | 747       | 54.0    |
|                |                     |   |   |   |                         | 2 - No, Not Tested For HIV            | 636       | 46.0    |
|                |                     |   |   |   |                         | 3 - No, Child Died Before Testing     | .         | .       |
|                |                     |   |   |   |                         | -8 - Don't Know                       | 67        | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 1         | .       |
| 58             | chtsthivresult1     | Individual Questionnaire - Reproduction_ children | (324) Reproduction: What Was The Result Of [childname]'s First HIV Test?  | Result of child HIV test (1)                | Numeric                 | 1 - Positive; Child Has HIV           | 10        | 1.4     |
|                |                     |   |   |   |                         | 2 - Negative; Child Does Not Have HIV | 710       | 96.0    |
|                |                     |   |   |   |                         | 3 - Inconclusive                      | .         | .       |
|                |                     |   |   |   |                         | 4 - Did Not Receive Results           | 20        | 2.7     |
|                |                     |   |   |   |                         | -8 - Don't Know                       | 6         | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 1         | .       |
| 59             | chtsthivbrstfd1     | Individual Questionnaire - Reproduction_ children | (325) Reproduction: Was [childname] Tested For HIV After You Stopped Breastfeeding?   | Child tested for HIV post breastfeeding (1) | Numeric                 | 1 - Yes                               | 293       | 68.3    |
|                |                     |   |   |   |                         | 2 - No                                | 136       | 31.7    |
|                |                     |   |   |   |                         | -8 - Don't Know                       | 7         | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 2         | .       |
| 60             | chtsthivresultlast1 | Individual Questionnaire - Reproduction_ children | (327) Reproduction: What Was The Result Of [childname]'s Most Recent HIV Test?  | Result of child recent test (1)             | Numeric                 | 1 - Positive; Child Has HIV           | .         | .       |
|                |                     |   |   |   |                         | 2 - Negative; Child Does Not Have HIV | 674       | 97.0    |
|                |                     |   |   |   |                         | 3 - Inconclusive                      | .         | .       |
|                |                     |   |   |   |                         | 4 - Did Not Receive Results           | 21        | 3.0     |
|                |                     |   |   |   |                         | -8 - Don't Know                       | 4         | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 1         | .       |
| 61             | pregnant            | Individual Questionnaire - Reproduction           | (329) Reproduction: Are You Pregnant Now?   | Are you pregnant now                        | Numeric                 | 1 - Yes                               | 283       | 4.1     |
|                |                     |   |   |   |                         | 2 - No                                | 6,591     | 95.9    |
|                |                     |   |   |   |                         | -8 - Don't Know/Unsure                | 104       | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 3         | .       |
| 62             | avoidpreg           | Individual Questionnaire - Reproduction           | (330) Reproduction: Are You Or Your Partner Currently Doing Something Or Using Any Method To Delay Or Avoid Getting Pregnant? | Are you using family planning method        | Numeric                 | 1 - Yes                               | 5,672     | 50.8    |
|                |                     |   |   |   |                         | 2 - No                                | 5,490     | 49.2    |
|                |                     |   |   |   |                         | -8 - Don't Know                       | 207       | .       |
|                |                     |   |   |   |                         | -9 - Refused                          | 387       | .       |

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| Variable Order | Variable Name | Variable Category                       | Question Text/<br>Variable Description   | Variable Label                              | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|--|---|-------------------------|--------------------------|-----------|---------|
| 63             | cmethod_a     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? A - Female Sterilization | Method being used: A - Female sterilization | Numeric                 | 1 - Yes                  | 103       | 1.8     |
|                |               |   |  |   |                         | 2 - No                   | 5,548     | 98.2    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 64             | cmethod_c     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? C - Pill                 | Method being used: C - Pill                 | Numeric                 | 1 - Yes                  | 866       | 15.3    |
|                |               |   |  |   |                         | 2 - No                   | 4,785     | 84.7    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 65             | cmethod_d     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? D - IUD/"coil"           | Method being used: D - IUD/Coil             | Numeric                 | 1 - Yes                  | 70        | 1.2     |
|                |               |   |  |   |                         | 2 - No                   | 5,581     | 98.8    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 66             | cmethod_e     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? E - Injections           | Method being used: E - Injections           | Numeric                 | 1 - Yes                  | 508       | 9.0     |
|                |               |   |  |   |                         | 2 - No                   | 5,143     | 91.0    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 67             | cmethod_f     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? F - Implant              | Method being used: F - Implant              | Numeric                 | 1 - Yes                  | 344       | 6.1     |
|                |               |   |  |   |                         | 2 - No                   | 5,307     | 93.9    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 68             | cmethod_g     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? G - Condom               | Method being used: G - Condom               | Numeric                 | 1 - Yes                  | 3,905     | 69.1    |
|                |               |   |  |   |                         | 2 - No                   | 1,746     | 30.9    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |
| 69             | cmethod_j     | Individual Questionnaire - Reproduction | (331) Reproduction: Which Method Are You Or Your Partner Using? J - Withdrawal           | Method being used: J - Withdraw             | Numeric                 | 1 - Yes                  | 111       | 2.0     |
|                |               |   |  |   |                         | 2 - No                   | 5,540     | 98.0    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | 6         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                            | Question Text/<br>Variable Description  | Variable Label                             | Variable Type and Width | Coding Values and Labels                          | Frequency | Percent |
|----------------|---------------|--|---|--|-------------------------|---|-----------|---------|
| 70             | cmethod_k     | Individual Questionnaire - Reproduction      | (331) Reproduction: Which Method Are You Or Your Partner Using? K - Not Having Sex                                  | Method being used: K - Not having sex      | Numeric                 | 1 - Yes   | 101       | 1.8     |
|                |               |  |   |  |                         | 2 - No  | 5,550     | 98.2    |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 15        | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 6         | .       |
| 71             | cmethod_x     | Individual Questionnaire - Reproduction      | (331) Reproduction: Which Method Are You Or Your Partner Using? X - Other (Specify)                                 | Method being used: X - Other               | Numeric                 | 1 - Yes   | 84        | 1.5     |
|                |               |  |   |  |                         | 2 - No  | 5,567     | 98.5    |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 15        | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 6         | .       |
| 72             | mcstatus_sz   | Individual Questionnaire - Male Circumcision | (401) Male Circumcision: Are You Circumcised?   | Circumcision status                        | Numeric                 | 1 - Yes   | 2,165     | 42.9    |
|                |               |  |   |  |                         | 3 - No  | 2,886     | 57.1    |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 3         | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 4         | .       |
| 73             | mcplans       | Individual Questionnaire - Male Circumcision | (402) Male Circumcision: Are You Planning To Get Circumcised Within The Next 6 Months?                              | Planning on circumcision in next 6 months? | Numeric                 | 1 - Yes   | 302       | 11.0    |
|                |               |  |   |  |                         | 2 - No  | 2,453     | 89.0    |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 117       | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 14        | .       |
| 74             | mcwhotrad     | Individual Questionnaire - Male Circumcision | (403) Male Circumcision: Were You Circumcised By A Traditional Practitioner Or Circumciser?                         | Circumcised by traditional practitioner?   | Numeric                 | 1 - Yes   | 1,851     | 85.9    |
|                |               |  |   |  |                         | 2 - No  | 304       | 14.1    |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 9         | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 2         | .       |
| 75             | mcwhomed      | Individual Questionnaire - Male Circumcision | (404) Male Circumcision: Were You Circumcised By A Health Care Provider?  | Circumcised by medical provider?           | Numeric                 | 1 - Yes   | 2,094     | 97.2    |
|                |               |  |   |  |                         | 2 - No  | 61        | 2.8     |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 10        | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 1         | .       |
| 76             | mcage         | Individual Questionnaire - Male Circumcision | (405) Male Circumcision: How Old Were You When You Were Circumcised? Please Give Your Best Guess. (top coded at 40) | Age when circumcised (top coded at 40)     | Numeric                 | Mean:17.8, range (0-40); no. missing values:9,949 | 2,034     | .       |
|                |               |  |   |  |                         | -8 - Don't Know                                   | 55        | .       |
|                |               |  |   |  |                         | -9 - Refused                                      | 5         | .       |

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|----------------|---------------|--|--|--|-------------------------|--|-----------|---------|
| 77             | firstsxage    | Individual Questionnaire - Sexual Activity | (501) Sexual Activity: How Old Were You When You Had Sex For The Very First Time? (bottom coded at 14 and top coded at 30)   | Age at which had sex first time (bottom coded at 14 and top coded at 30) | Numeric                 | Mean:19, range (14-30); no. missing values:103   | 9,526     | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                  | 646       | .       |
|                |               |  |  |  |                         | -9 - Refused                                     | 219       | .       |
|                |               |  |  |  |                         | -96 - Never Had Sex                              | 1,548     | .       |
| 78             | firstsxagec   | Individual Questionnaire - Sexual Activity | (501) Sexual Activity: Confirm Age At First Sex  | confirm firstsxage   | Numeric                 | 1 - Yes  | 124       | 100.0   |
|                |               |  |  |  |                         | 2 - No   | .         | .       |
| 79             | lifetimesex   | Individual Questionnaire - Sexual Activity | (502) Sexual Activity: People Often Have Sex With Different People Over Their Lifetime. In Total, With How Many Different People Have You Had Sex In Your Lifetime? Please Give Your Best Guess. (top coded at 25) | Number of sexual partners in lifetime (top coded at 25)                  | Numeric                 | Mean:3.8, range (1-25); no. missing values:1,557 | 9,128     | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                  | 866       | .       |
|                |               |  |  |  |                         | -9 - Refused                                     | 492       | .       |
| 80             | part12monum   | Individual Questionnaire - Sexual Activity | (503) Sexual Activity: How Many Different People Have You Had Sex With In The Last 12 Months? (top coded at 6)   | Number of sexual partners in last 12 months (top coded at 6)             | Numeric                 | Mean:1, range (0-6); no. missing values:1,549    | 10,039    | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                  | 136       | .       |
|                |               |  |  |  |                         | -9 - Refused                                     | 236       | .       |
| 81             | partlivew1    | Individual Questionnaire - Sexual Activity | (504) Sexual Activity: Is The Person That You Had Sex With A Spouse Or A Partner Who Lives In This Household?  | Is sexual partner in household (1)                                       | Numeric                 | 1 - Yes  | 3,570     | 46.5    |
|                |               |  |  |  |                         | 2 - No   | 4,113     | 53.5    |
| 82             | partlivew2    | Individual Questionnaire - Sexual Activity | (504) Sexual Activity: Is The Person That You Had Sex With A Spouse Or A Partner Who Lives In This Household?  | Is sexual partner in household (2)                                       | Numeric                 | 1 - Yes  | 116       | 9.5     |
|                |               |  |  |  |                         | 2 - No   | 1,107     | 90.5    |
| 83             | partlivew3    | Individual Questionnaire - Sexual Activity | (504) Sexual Activity: Is The Person That You Had Sex With A Spouse Or A Partner Who Lives In This Household?  | Is sexual partner in household (3)                                       | Numeric                 | 1 - Yes  | 12        | 3.1     |
|                |               |  |  |  |                         | 2 - No   | 374       | 96.9    |
| 84             | partrecent1   | Individual Questionnaire - Sexual Activity | (506a) Sexual Activity: Is [partinit] The Most Recent Person You Had Sex With?   | Is sexual partner most recent (1)  | Numeric                 | 1 - Yes  | 7,683     | 100.0   |
|                |               |  |  |  |                         | 2 - No   | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

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|----------------|---------------|--|---|---|-------------------------|--------------------------|-----------|---------|
| 85             | partrelation1 | Individual Questionnaire - Sexual Activity | (507) Sexual Activity: What Is Your Relationship With [partinit]? | Relationship with ID'd sexual partner (1) | Numeric                 | 1 - Husband/Wife         | 3,221     | 42.1    |
|                |               |  |   |   |                         | 2 - Live-In Partner      | 616       | 8.0     |
|                |               |  |   |   |                         | 3 - Partner, Not Live-In | 3,569     | 46.6    |
|                |               |  |   |   |                         | 4 - Ex-Spouse/Ex-Partner | 149       | 2.0     |
|                |               |  |   |   |                         | 5 - Friend/Acquaintance  | 102       | 1.3     |
|                |               |  |   |   |                         | 6 - Sex Worker           | .         | .       |
|                |               |  |   |   |                         | 7 - Sex Worker Client    | .         | .       |
|                |               |  |   |   |                         | 8 - Stranger             | .         | .       |
|                |               |  |   |   |                         | 96 - Other (Specify)     | 19        | .       |
|                |               |  |   |   |                         | -8 - Don't Know          | 1         | .       |
|                |               |  |   |   |                         | -9 - Refused             | 6         | .       |
| 86             | partrelation2 | Individual Questionnaire - Sexual Activity | (507) Sexual Activity: What Is Your Relationship With [partinit]? | Relationship with ID'd sexual partner (2) | Numeric                 | 1 - Husband/Wife         | 92        | 7.8     |
|                |               |  |   |   |                         | 2 - Live-In Partner      | .         | .       |
|                |               |  |   |   |                         | 3 - Partner, Not Live-In | 829       | 70.4    |
|                |               |  |   |   |                         | 4 - Ex-Spouse/Ex-Partner | 200       | 17.0    |
|                |               |  |   |   |                         | 5 - Friend/Acquaintance  | 56        | 4.8     |
|                |               |  |   |   |                         | 6 - Sex Worker           | .         | .       |
|                |               |  |   |   |                         | 7 - Sex Worker Client    | .         | .       |
|                |               |  |   |   |                         | 8 - Stranger             | .         | .       |
|                |               |  |   |   |                         | 96 - Other (Specify)     | 43        | .       |
|                |               |  |   |   |                         | -8 - Don't Know          | 1         | .       |
|                |               |  |   |   |                         | -9 - Refused             | 2         | .       |



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|----------------|---------------|--|--|--|-------------------------|---|-----------|---------|
| 87             | partrelation3 | Individual Questionnaire - Sexual Activity | (507) Sexual Activity: What Is Your Relationship With [partinit]?  | Relationship with ID'd sexual partner (3)                        | Numeric                 | 1 - Husband/Wife                                    | .         | .       |
|                |               |  |  |  |                         | 2 - Live-In Partner                                 | .         | .       |
|                |               |  |  |  |                         | 3 - Partner, Not Live-In                            | 246       | 70.5    |
|                |               |  |  |  |                         | 4 - Ex-Spouse/Ex-Partner                            | 72        | 20.6    |
|                |               |  |  |  |                         | 5 - Friend/Acquaintance                             | 31        | 8.9     |
|                |               |  |  |  |                         | 6 - Sex Worker                                      | .         | .       |
|                |               |  |  |  |                         | 7 - Sex Worker Client                               | .         | .       |
|                |               |  |  |  |                         | 8 - Stranger  | .         | .       |
|                |               |  |  |  |                         | 96 - Other (Specify)                                | 35        | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 1         | .       |
|                |               |  |  |  |                         | -9 - Refused  | 1         | .       |
| 88             | partgend1     | Individual Questionnaire - Sexual Activity | (508) Sexual Activity: Is [partinit] Male Or Female?   | Sex of ID'd partner (1)  | Numeric                 | 1 - Male  | 4,310     | 56.1    |
|                |               |  |  |  |                         | 2 - Female  | 3,372     | 43.9    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | .         | .       |
|                |               |  |  |  |                         | -9 - Refused  | 1         | .       |
| 89             | partgend2     | Individual Questionnaire - Sexual Activity | (508) Sexual Activity: Is [partinit] Male Or Female?   | Sex of ID'd partner (2)  | Numeric                 | 1 - Male  | 328       | 26.8    |
|                |               |  |  |  |                         | 2 - Female  | 895       | 73.2    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | .         | .       |
|                |               |  |  |  |                         | -9 - Refused  | .         | .       |
| 90             | partgend3     | Individual Questionnaire - Sexual Activity | (508) Sexual Activity: Is [partinit] Male Or Female?   | Sex of ID'd partner (3)  | Numeric                 | 1 - Male  | 57        | 14.8    |
|                |               |  |  |  |                         | 2 - Female  | 328       | 85.2    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | .         | .       |
|                |               |  |  |  |                         | -9 - Refused  | 1         | .       |
| 91             | partage1      | Individual Questionnaire - Sexual Activity | (509) Sexual Activity: How Old Is [partinit]? If Unsure, Please Give Your Best Guess. (bottom coded at 14 and top coded at 80) | Age of ID'd partner (1) (bottom coded at 14 and top coded at 80) | Numeric                 | Mean:35.8, range (14-80); no. missing values:4,365  | 7,585     | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 84        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 9         | .       |
| 92             | partage2      | Individual Questionnaire - Sexual Activity | (509) Sexual Activity: How Old Is [partinit]? If Unsure, Please Give Your Best Guess. (bottom coded at 14 and top coded at 80) | Age of ID'd partner (2) (bottom coded at 14 and top coded at 80) | Numeric                 | Mean:28.1, range (14-80); no. missing values:10,820 | 1,174     | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 48        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 1         | .       |

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|----------------|---------------|--|--|--|-------------------------|---|-----------|---------|
| 93             | partage3      | Individual Questionnaire - Sexual Activity | (509) Sexual Activity: How Old Is [partinit]? If Unsure, Please Give Your Best Guess. (bottom coded at 14 and top coded at 80) | Age of ID'd partner (3) (bottom coded at 14 and top coded at 80) | Numeric                 | Mean:25.6, range (15-58); no. missing values:11,657 | 361       | .       |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 24        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 1         | .       |
| 94             | partlastcndm1 | Individual Questionnaire - Sexual Activity | (510) Sexual Activity: The Last Time You Had Sex With [partinit], Was A Condom Used?   | Was condom used the last time (1)                                | Numeric                 | 1 - Yes   | 3,861     | 50.7    |
|                |               |  |  |  |                         | 2 - No  | 3,759     | 49.3    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 30        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 33        | .       |
| 95             | partlastcndm2 | Individual Questionnaire - Sexual Activity | (510) Sexual Activity: The Last Time You Had Sex With [partinit], Was A Condom Used?   | Was condom used the last time (2)                                | Numeric                 | 1 - Yes   | 758       | 62.8    |
|                |               |  |  |  |                         | 2 - No  | 450       | 37.3    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 12        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 3         | .       |
| 96             | partlastcndm3 | Individual Questionnaire - Sexual Activity | (510) Sexual Activity: The Last Time You Had Sex With [partinit], Was A Condom Used?   | Was condom used the last time (3)                                | Numeric                 | 1 - Yes   | 230       | 60.5    |
|                |               |  |  |  |                         | 2 - No  | 150       | 39.5    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 3         | .       |
|                |               |  |  |  |                         | -9 - Refused  | 3         | .       |
| 97             | partlastetoh1 | Individual Questionnaire - Sexual Activity | (511) Sexual Activity: The Last Time You Had Sex With [partinit], Did Either Of You Drink Alcohol Beforehand?                  | Were drugs/alcohol taken before hand (1)                         | Numeric                 | 1 - Only I Was Drinking                             | 312       | 4.1     |
|                |               |  |  |  |                         | 2 - Only Partner Was Drinking                       | 404       | 5.3     |
|                |               |  |  |  |                         | 3 - Both Were Drinking                              | 130       | 1.7     |
|                |               |  |  |  |                         | 4 - Neither   | 6,727     | 88.8    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 84        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 26        | .       |
| 98             | partlastetoh2 | Individual Questionnaire - Sexual Activity | (511) Sexual Activity: The Last Time You Had Sex With [partinit], Did Either Of You Drink Alcohol Beforehand?                  | Were drugs/alcohol taken before hand (2)                         | Numeric                 | 1 - Only I Was Drinking                             | 58        | 4.8     |
|                |               |  |  |  |                         | 2 - Only Partner Was Drinking                       | 34        | 2.8     |
|                |               |  |  |  |                         | 3 - Both Were Drinking                              | 34        | 2.8     |
|                |               |  |  |  |                         | 4 - Neither   | 1,080     | 89.6    |
|                |               |  |  |  |                         | -8 - Don't Know                                     | 13        | .       |
|                |               |  |  |  |                         | -9 - Refused  | 4         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                          | Question Text/<br>Variable Description   | Variable Label                             | Variable Type and Width | Coding Values and Labels                       | Frequency | Percent |
|----------------|---------------|--|--|--|-------------------------|--|-----------|---------|
| 99             | partlastetoh3 | Individual Questionnaire - Sexual Activity | (511) Sexual Activity: The Last Time You Had Sex With [partinit], Did Either Of You Drink Alcohol Beforehand?            | Were drugs/alcohol taken before hand (3)   | Numeric                 | 1 - Only I Was Drinking                        | 24        | 6.4     |
|                |               |  |  |  |                         | 2 - Only Partner Was Drinking                  | 13        | 3.5     |
|                |               |  |  |  |                         | 3 - Both Were Drinking                         | 14        | 3.7     |
|                |               |  |  |  |                         | 4 - Neither                                    | 323       | 86.4    |
|                |               |  |  |  |                         | -8 - Don't Know                                | 9         | .       |
|                |               |  |  |  |                         | -9 - Refused                                   | 3         | .       |
| 100            | partknowhiv1  | Individual Questionnaire - Sexual Activity | (512) Sexual Activity: Does [partinit] Know Your HIV Status? HIV Status Could Mean You Are HIV Negative Or HIV Positive. | Does ID'd partner know your HIV status (1) | Numeric                 | 1 - Yes  | 5,433     | 77.2    |
|                |               |  |  |  |                         | 2 - No   | 1,603     | 22.8    |
|                |               |  |  |  |                         | -8 - Don't Know                                | 626       | .       |
|                |               |  |  |  |                         | -9 - Refused                                   | 21        | .       |
| 101            | partknowhiv2  | Individual Questionnaire - Sexual Activity | (512) Sexual Activity: Does [partinit] Know Your HIV Status? HIV Status Could Mean You Are HIV Negative Or HIV Positive. | Does ID'd partner know your HIV status (2) | Numeric                 | 1 - Yes  | 501       | 48.3    |
|                |               |  |  |  |                         | 2 - No   | 537       | 51.7    |
|                |               |  |  |  |                         | -8 - Don't Know                                | 181       | .       |
|                |               |  |  |  |                         | -9 - Refused                                   | 4         | .       |
| 102            | partknowhiv3  | Individual Questionnaire - Sexual Activity | (512) Sexual Activity: Does [partinit] Know Your HIV Status? HIV Status Could Mean You Are HIV Negative Or HIV Positive. | Does ID'd partner know your HIV status (3) | Numeric                 | 1 - Yes  | 107       | 34.0    |
|                |               |  |  |  |                         | 2 - No   | 208       | 66.0    |
|                |               |  |  |  |                         | -8 - Don't Know                                | 70        | .       |
|                |               |  |  |  |                         | -9 - Refused                                   | 1         | .       |
| 103            | parthivsatl   | Individual Questionnaire - Sexual Activity | (513) Sexual Activity: What Is The HIV Status Of [partinit]?   | HIV status of ID'd partner (1)             | Numeric                 | 1 - He/She Is Positive (Did Not Test Together) | 1,192     | 22.8    |
|                |               |  |  |  |                         | 2 - He/She Is Positive, Tested Together        | 368       | 7.0     |
|                |               |  |  |  |                         | 3 - He/She Is Negative (Did Not Test Together) | 2,364     | 45.2    |
|                |               |  |  |  |                         | 4 - He/She Is Negative, Tested Together        | 1,307     | 25.0    |
|                |               |  |  |  |                         | -8 - Don't Know Status                         | 2,409     | .       |
|                |               |  |  |  |                         | -9 - Refused                                   | 43        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                          | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels                       | Frequency | Percent |
|----------------|---------------|--|--|---|-------------------------|--|-----------|---------|
| 104            | parthivs2     | Individual Questionnaire - Sexual Activity | (513) Sexual Activity: What Is The HIV Status Of [partnit]?  | HIV status of ID'd partner (2)  | Numeric                 | 1 - He/She Is Positive (Did Not Test Together) | 104       | 21.1    |
|                |               |  |  |   |                         | 2 - He/She Is Positive, Tested Together        | .         | .       |
|                |               |  |  |   |                         | 3 - He/She Is Negative (Did Not Test Together) | 287       | 58.2    |
|                |               |  |  |   |                         | 4 - He/She Is Negative, Tested Together        | 102       | 20.7    |
|                |               |  |  |   |                         | -8 - Don't Know Status                         | 725       | .       |
|                |               |  |  |   |                         | -9 - Refused                                   | 5         | .       |
| 105            | parthivs3     | Individual Questionnaire - Sexual Activity | (513) Sexual Activity: What Is The HIV Status Of [partnit]?  | HIV status of ID'd partner (3)  | Numeric                 | 1 - He/She Is Positive (Did Not Test Together) | 25        | 24.5    |
|                |               |  |  |   |                         | 2 - He/She Is Positive, Tested Together        | .         | .       |
|                |               |  |  |   |                         | 3 - He/She Is Negative (Did Not Test Together) | 77        | 75.5    |
|                |               |  |  |   |                         | 4 - He/She Is Negative, Tested Together        | .         | .       |
|                |               |  |  |   |                         | -8 - Don't Know Status                         | 283       | .       |
|                |               |  |  |   |                         | -9 - Refused                                   | 1         | .       |
| 106            | hflast12mo    | Individual Questionnaire - HIV Testing     | (601) HIV Testing: Have You Seen A Health Care Provider In A Health Facility In The Last 12 Months?  | Seen a doctor, clinical officer or nurse in a health facility in the last 12 months                         | Numeric                 | 1 - Yes  | 7,787     | 64.8    |
|                |               |  |  |   |                         | 2 - No   | 4,225     | 35.2    |
|                |               |  |  |   |                         | -8 - Don't Know                                | 28        | .       |
|                |               |  |  |   |                         | -9 - Refused                                   | 3         | .       |
| 107            | hfhivtstoffer | Individual Questionnaire - HIV Testing     | (602) HIV Testing: During Any Of Your Visits To The Health Facility In The Last 12 Months, Did A Health Care Provider Offer You An HIV Test? | Offered HIV test by doctor, clinical officer or nurse during the last 12 months of visit to health facility | Numeric                 | 1 - Yes  | 5,271     | 67.9    |
|                |               |  |  |   |                         | 2 - No   | 2,497     | 32.1    |
|                |               |  |  |   |                         | -8 - Don't Know                                | 17        | .       |
|                |               |  |  |   |                         | -9 - Refused                                   | 2         | .       |
| 108            | hivtstever    | Individual Questionnaire - HIV Testing     | (603) HIV Testing: Have You Ever Tested For HIV?   | Ever tested for HIV   | Numeric                 | 1 - Yes  | 10,965    | 91.4    |
|                |               |  |  |   |                         | 2 - No   | 1,026     | 8.6     |
|                |               |  |  |   |                         | -8 - Don't Know                                | 47        | .       |
|                |               |  |  |   |                         | -9 - Refused                                   | 5         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name     | Variable Category                      | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels                         | Frequency | Percent |
|----------------|-------------------|--|---|---|-------------------------|--|-----------|---------|
| 109            | hivtstnvrrsn_a_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? A - Don't Know Where To Test                   | Reason never tested for HIV: A - Don't Know Where To Test                   | Numeric                 | 1 - Yes  | 78        | 9.4     |
|                |                   |  |   |   |                         | 2 - No   | 750       | 90.6    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 110            | hivtstnvrrsn_d_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? D - Too Far Away                               | Reason never tested for HIV: D - Too Far Away                               | Numeric                 | 1 - Yes  | 58        | 7.0     |
|                |                   |  |   |   |                         | 2 - No   | 770       | 93.0    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 111            | hivtstnvrrsn_e_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? E - Afraid Others Will Know About Test Results | Reason never tested for HIV: E - Afraid Others Will Know About Test Results | Numeric                 | 1 - Yes  | 90        | 10.9    |
|                |                   |  |   |   |                         | 2 - No   | 738       | 89.1    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 112            | hivtstnvrrsn_f_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? F - Don't Need Test/Low Risk                   | Reason never tested for HIV: F - Don't Need Test/Low Risk                   | Numeric                 | 1 - Yes  | 339       | 40.9    |
|                |                   |  |   |   |                         | 2 - No   | 489       | 59.1    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 113            | hivtstnvrrsn_i_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? I - Don't Want To Know I Have HIV              | Reason never tested for HIV: I - Don't want to know I have HIV              | Numeric                 | 1 - Yes  | 41        | 5.0     |
|                |                   |  |   |   |                         | 2 - No   | 787       | 95.1    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 114            | hivtstnvrrsn_x_sz | Individual Questionnaire - HIV Testing | (604) HIV Testing: Why Have You Never Been Tested For HIV? X - Other (Specify)                            | Reason never tested for HIV: X - Other (Specify)                            | Numeric                 | 1 - Yes  | 240       | 29.0    |
|                |                   |  |   |   |                         | 2 - No   | 588       | 71.0    |
|                |                   |  |   |   |                         | -8 - Don't Know                                  | 179       | .       |
|                |                   |  |   |   |                         | -9 - Refused                                     | 19        | .       |
| 115            | hivtestm          | Individual Questionnaire - HIV Testing | (605) HIV Testing: When Was Your Last HIV Test? Please Give Month And Year If You Can.: Month             | Last HIV test (Month)   | Numeric                 | Mean:5.8, range (1-12); no. missing values:1,079 | 9,959     | .       |
|                |                   |  |   |   |                         | -8 - Don't Know Month                            | 997       | .       |
|                |                   |  |   |   |                         | -9 - Refused Month                               | 8         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name     | Variable Category                      | Question Text/<br>Variable Description  | Variable Label                              | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|-------------------|--|---|---|-------------------------|--|-----------|---------|
| 116            | hivtesty          | Individual Questionnaire - HIV Testing | (605) HIV Testing: When Was Your Last HIV Test? Please Give Month And Year If You Can.: Year (bottom coded at 2005) | Last HIV test (Year) (bottom coded at 2005) | Numeric                 | Mean:2018.7, range (2005-2021); no. missing values:1,079 | 10,693    | .       |
|                |                   |  |   |   |                         | -8 - Don't Know Year                                     | 256       | .       |
|                |                   |  |   |   |                         | -9 - Refused Year  | 15        | .       |
| 117            | hivtstlocation_sz | Individual Questionnaire - HIV Testing | (606) HIV Testing: Where Was Your Last HIV Test Done?   | Where last HIV test was conducted           | Numeric                 | 1 - VCT Facility   | 490       | 4.5     |
|                |                   |  |   |   |                         | 2 - Mobile VCT   | 1,152     | 10.6    |
|                |                   |  |   |   |                         | 3 - At Home  | 624       | 5.7     |
|                |                   |  |   |   |                         | 4 - Health Clinic/Facility                               | 5,859     | 53.8    |
|                |                   |  |   |   |                         | 5 - Hospital Outpatient Clinic                           | 2,571     | 23.6    |
|                |                   |  |   |   |                         | 6 - TB Clinic  | .         | .       |
|                |                   |  |   |   |                         | 7 - STI Clinic   | .         | .       |
|                |                   |  |   |   |                         | 8 - Hospital Inpatient Wards                             | 36        | 0.3     |
|                |                   |  |   |   |                         | 9 - Blood Donating Center                                | .         | .       |
|                |                   |  |   |   |                         | 10 - ANC Clinic  | 30        | 0.3     |
|                |                   |  |   |   |                         | 11 - VMMC Clinic   | 65        | 0.6     |
|                |                   |  |   |   |                         | 12 - Family Planning Clinic                              | 26        | 0.2     |
|                |                   |  |   |   |                         | 13 - At Work/School                                      | 48        | 0.4     |
|                |                   |  |   |   |                         | 96 - Other (Specify)                                     | 59        | .       |
|                |                   |  |   |   |                         | -8 - Don't Know  | 3         | .       |
|                |                   |  |   |   |                         | -9 - Refused   | 2         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                      | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels                               | Frequency | Percent |
|----------------|---------------|--|--|---|-------------------------|--|-----------|---------|
| 118            | hivtstrsn     | Individual Questionnaire - HIV Testing | (607) HIV Testing: When You Last Tested For HIV, What Was The Main Reason You Tested?  | Main reason for last HIV test                         | Numeric                 | 1 - Was Offered Test By Health Care Or Outreach Worker | 2,537     | 23.3    |
|                |               |  |  |   |                         | 2 - Wanted To Know My HIV Status                       | 5,135     | 47.1    |
|                |               |  |  |   |                         | 3 - Felt At Risk                                       | 429       | 3.9     |
|                |               |  |  |   |                         | 4 - Felt Sick  | 1,996     | 18.3    |
|                |               |  |  |   |                         | 5 - New Partner  | 56        | 0.5     |
|                |               |  |  |   |                         | 6 - Pregnancy  | 630       | 5.8     |
|                |               |  |  |   |                         | 7 - My Partner Tested Positive                         | 128       | 1.2     |
|                |               |  |  |   |                         | 96 - Other (Specify)                                   | 15        | .       |
|                |               |  |  |   |                         | -8 - Don't Know  | 23        | .       |
|                |               |  |  |   |                         | -9 - Refused   | 16        | .       |
| 119            | hivtstrslt    | Individual Questionnaire - HIV Testing | (608) HIV Testing: What Was The Result Of Your Last HIV Test?  | Result for last HIV test                              | Numeric                 | 1 - Positive   | 2,696     | 24.7    |
|                |               |  |  |   |                         | 2 - Negative   | 8,156     | 74.8    |
|                |               |  |  |   |                         | 3 - Inconclusive                                       | .         | .       |
|                |               |  |  |   |                         | 4 - Did Not Receive The Result                         | 50        | 0.5     |
|                |               |  |  |   |                         | -8 - Don't Know  | 31        | .       |
|                |               |  |  |   |                         | -9 - Refused   | 24        | .       |
| 120            | hivtfposm     | Individual Questionnaire - HIV Testing | (608) HIV Testing: When Was Your First Positive HIV Test? Please Give Month And Year.: Month   | First positive HIV test (Month)                       | Numeric                 | Mean:5.4, range (1-12); no. missing values:9,347       | 2,396     | .       |
|                |               |  |  |   |                         | -8 - Don't Know Month                                  | 295       | .       |
|                |               |  |  |   |                         | -9 - Refused Month                                     | 5         | .       |
| 121            | hivtfposy     | Individual Questionnaire - HIV Testing | (608) HIV Testing: When Was Your First Positive HIV Test? Please Give Month And Year.: Year (bottom coded at 2005)                                       | First positive HIV test (Year) (bottom coded at 2005) | Numeric                 | Mean:2013, range (2005-2021); no. missing values:9,347 | 2,655     | .       |
|                |               |  |  |   |                         | -8 - Don't Know Year                                   | 39        | .       |
|                |               |  |  |   |                         | -9 - Refused Year                                      | 2         | .       |
| 122            | hivlastnegm   | Individual Questionnaire - HIV Testing | (610) HIV Testing: When Was Your Last Negative HIV Test? This Would Be Your Last Negative Before You Tested Positive. Please Give Month And Year.: Month | Last negative HIV test (Month)                        | Numeric                 | Mean:5.9, range (1-12); no. missing values:9,841       | 1,213     | .       |
|                |               |  |  |   |                         | -8 - Don't Know Month                                  | 385       | .       |
|                |               |  |  |   |                         | -9 - Refused Month                                     | 20        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category                      | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                                   | Frequency | Percent |
|----------------|---------------|--|--|--|-------------------------|--|-----------|---------|
| 123            | hivlastnegy   | Individual Questionnaire - HIV Testing | (610) HIV Testing: When Was Your Last Negative HIV Test? This Would Be Your Last Negative Before You Tested Positive. Please Give Month And Year.: Year (bottom coded at 2004) | Last negative HIV test (Year) (bottom coded at 2004)               | Numeric                 | Mean:2012.2, range (2004-2021); no. missing values:9,347   | 1,491     | .       |
|                |               |  |  |  |                         | -8 - Don't Know Year                                       | 550       | .       |
|                |               |  |  |  |                         | -9 - Refused Year  | 55        | .       |
| 124            | hivlastnegdk  | Individual Questionnaire - HIV Testing | (610) HIV Testing: No Previous HIV Negative Test: When Was Your Last Negative HIV Test? This Would Be Your Last Negative Before You Tested Positive.                           | No previous negative test  | Numeric                 | 3 - No Previous HIV Negative Test Before The Positive Test | 600       | 100.0   |
| 125            | hivposprov    | Individual Questionnaire - HIV Testing | (611) HIV Testing: Has A Health Care Provider Ever Told You That You Have HIV?   | Health care provider ever told you that you have HIV               | Numeric                 | 1 - Yes  | 106       | 1.1     |
|                |               |  |  |  |                         | 2 - No   | 9,206     | 98.9    |
|                |               |  |  |  |                         | -8 - Don't Know  | 15        | .       |
|                |               |  |  |  |                         | -9 - Refused   | 13        | .       |
| 126            | hivposprovm   | Individual Questionnaire - HIV Testing | (612) HIV Testing: When Did A Health Care Provider First Tell You That You Have HIV?: Month  | First time health care provider told you that you have HIV (Month) | Numeric                 | Mean:5.4, range (1-12); no. missing values:11,937          | 91        | .       |
|                |               |  |  |  |                         | -8 - Don't Know Month                                      | 15        | .       |
|                |               |  |  |  |                         | -9 - Refused Month   | .         | .       |
| 127            | hivposprovdy  | Individual Questionnaire - HIV Testing | (612) HIV Testing: When Did A Health Care Provider First Tell You That You Have HIV?: Year   | First time health care provider told you that you have HIV (Year)  | Numeric                 | Mean:2012.4, range (2001-2021); no. missing values:11,937  | 103       | .       |
|                |               |  |  |  |                         | -8 - Don't Know Year                                       | 3         | .       |
|                |               |  |  |  |                         | -9 - Refused Year  | .         | .       |
| 128            | hivselfst     | Individual Questionnaire - HIV Testing | (613) HIV Testing: Have You Ever Tested Yourself For HIV Using A Self-Test Kit?  | Ever self tested for HIV using a self-test kit                     | Numeric                 | 1 - Yes  | 2,312     | 19.2    |
|                |               |  |  |  |                         | 2 - No   | 9,714     | 80.8    |
|                |               |  |  |  |                         | -8 - Don't Know  | 16        | .       |
|                |               |  |  |  |                         | -9 - Refused   | 1         | .       |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name       | Variable Category                      | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels          | Frequency | Percent |
|----------------|---------------------|--|---|--|-------------------------|-----------------------------------|-----------|---------|
| 129            | hivselfstloc_sz     | Individual Questionnaire -             | (613a) HIV Testing: Where Did You Get The HIV Self-Test Kit?  | Where Did You Get The HIV Self-Test Kit?                           | Numeric                 | 1 - Health Facility               | 797       | 35.7    |
|                |                     |  |   |  |                         | 2 - Pharmacy                      | 108       | 4.8     |
|                |                     |  |   |  |                         | 3 - Community Based Organizations | 1,004     | 44.9    |
|                |                     |  |   |  |                         | 4 - Faith Based Organization      | 78        | 3.5     |
|                |                     |  |   |  |                         | 5 - Sexual Partner                | 55        | 2.5     |
|                |                     |  |   |  |                         | 6 - Family Member                 | 192       | 8.6     |
|                |                     |  |   |  |                         | 96 - Other (Specify)              | 76        | .       |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 3         | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | .         | .       |
| 130            | hivselfstmethod_sz  | Individual Questionnaire -             | (613b) HIV Testing: Was The Test Self-Administered Or Assisted?   | Was The Test Self-Administered Or Assisted?                        | Numeric                 | 1 - Self-Administered             | 1,820     | 79.4    |
|                |                     |  |   |  |                         | 2 - Assisted                      | 472       | 20.6    |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 19        | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | 1         | .       |
| 131            | hivselfstconfirm_sz | Individual Questionnaire -             | (613c) HIV Testing: Did You Visit The Health Facility For Retesting To Confirm Your HIV Status?                 | Retested at health facility to confirm HIV status                  | Numeric                 | 1 - Yes                           | 648       | 28.1    |
|                |                     |  |   |  |                         | 2 - No                            | 1,658     | 71.9    |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 4         | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | 2         | .       |
| 132            | disclose_a          | Individual Questionnaire - HIV Testing | (614) HIV Testing: Of The Following People, Who Have You Told That You Are HIV Positive? A - No One             | Who have you told that you are HIV positive? A - No One            | Numeric                 | 1 - Yes                           | 123       | 4.4     |
|                |                     |  |   |  |                         | 2 - No                            | 2,680     | 95.6    |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 5         | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | 2         | .       |
| 133            | disclose_b          | Individual Questionnaire - HIV Testing | (614) HIV Testing: Of The Following People, Who Have You Told That You Are HIV Positive? B - Spouse/Sex Partner | Who have you told that you are HIV positive? B - Spouse or partner | Numeric                 | 1 - Yes                           | 1,357     | 48.4    |
|                |                     |  |   |  |                         | 2 - No                            | 1,446     | 51.6    |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 5         | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | 2         | .       |
| 134            | disclose_d          | Individual Questionnaire - HIV Testing | (614) HIV Testing: Of The Following People, Who Have You Told That You Are HIV Positive? D - Friend             | Who have you told that you are HIV positive? D - Friend            | Numeric                 | 1 - Yes                           | 344       | 12.3    |
|                |                     |  |   |  |                         | 2 - No                            | 2,459     | 87.7    |
|                |                     |  |   |  |                         | -8 - Don't Know                   | 5         | .       |
|                |                     |  |   |  |                         | -9 - Refused                      | 2         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|---|--|-------------------------|--------------------------|-----------|---------|
| 135            | disclose_e    | Individual Questionnaire - HIV Testing                    | (614) HIV Testing: Of The Following People, Who Have You Told That You Are HIV Positive? E - Family Member                                      | Who have you told that you are HIV positive? E - Family member   | Numeric                 | 1 - Yes                  | 1,978     | 70.6    |
|                |               |   |   |  |                         | 2 - No                   | 825       | 29.4    |
|                |               |   |   |  |                         | -8 - Don't Know          | 5         | .       |
|                |               |   |   |  |                         | -9 - Refused             | 2         | .       |
| 136            | disclose_x    | Individual Questionnaire - HIV Testing                    | (614) HIV Testing: Of The Following People, Who Have You Told That You Are HIV Positive? X - Other (Specify)                                    | Who have you told that you are HIV positive? X - Other (Specify) | Numeric                 | 1 - Yes                  | 16        | 0.6     |
|                |               |   |   |  |                         | 2 - No                   | 2,787     | 99.4    |
|                |               |   |   |  |                         | -8 - Don't Know          | 5         | .       |
|                |               |   |   |  |                         | -9 - Refused             | 2         | .       |
| 137            | prpevrhdr     | Individual Questionnaire - HIV Testing                    | (615) HIV Testing: Have You Ever Heard Of PrEP Before Now?  | Ever heard of PrEP before now?                                   | Numeric                 | 1 - Yes                  | 5,413     | 45.1    |
|                |               |   |   |  |                         | 2 - No                   | 6,592     | 54.9    |
|                |               |   |   |  |                         | -8 - Don't Know          | 38        | .       |
|                |               |   |   |  |                         | -9 - Refused             | .         | .       |
| 138            | prepever      | Individual Questionnaire - HIV Testing                    | (616) HIV Testing: Have You Ever Taken PrEP?  | Ever taken PrEP  | Numeric                 | 1 - Yes                  | 603       | 11.2    |
|                |               |   |   |  |                         | 2 - No                   | 4,796     | 88.8    |
|                |               |   |   |  |                         | -8 - Don't Know          | 13        | .       |
|                |               |   |   |  |                         | -9 - Refused             | 1         | .       |
| 139            | prepcurnt     | Individual Questionnaire - HIV Testing                    | (617) HIV Testing: Are You Currently Taking PrEP?   | Currently taking PrEP  | Numeric                 | 1 - Yes                  | 140       | 31.3    |
|                |               |   |   |  |                         | 2 - No                   | 308       | 68.8    |
|                |               |   |   |  |                         | -8 - Don't Know          | 2         | .       |
|                |               |   |   |  |                         | -9 - Refused             | .         | .       |
| 140            | prepwdtk      | Individual Questionnaire - HIV Testing                    | (618) HIV Testing: Would You Take PrEP To Help Prevent HIV?   | Would take PrEP to help prevent HIV                              | Numeric                 | 1 - Yes                  | 4,535     | 56.2    |
|                |               |   |   |  |                         | 2 - No                   | 3,532     | 43.8    |
|                |               |   |   |  |                         | -8 - Don't Know          | 711       | .       |
|                |               |   |   |  |                         | -9 - Refused             | 5         | .       |
| 141            | hivcare       | Individual Questionnaire - HIV Status, Care And Treatment | (701) HIV Status, Care And Treatment: After Learning You Had HIV, Have You Ever Received Care Or Treatment For HIV From A Health Care Provider? | Received HIV care from doctor                                    | Numeric                 | 1 - Yes                  | 2,743     | 97.8    |
|                |               |   |   |  |                         | 2 - No                   | 63        | 2.3     |
|                |               |   |   |  |                         | -8 - Don't Know          | 2         | .       |
|                |               |   |   |  |                         | -9 - Refused             | 2         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                               | Frequency | Percent |
|----------------|---------------|---|--|--|-------------------------|--|-----------|---------|
| 142            | hivrltc       | Individual Questionnaire - HIV Status, Care And Treatment | (703) HIV Status, Care And Treatment: Are You Currently Receiving HIV Care From A Health Facility?   | Currently receiving HIV care from facility                     | Numeric                 | 1 - Yes  | 2,720     | 99.2    |
|                |               |   |  |  |                         | 2 - No   | 22        | 0.8     |
|                |               |   |  |  |                         | -8 - Don't Know  | .         | .       |
|                |               |   |  |  |                         | -9 - Refused   | 1         | .       |
| 143            | clinchange    | Individual Questionnaire - HIV Status, Care And Treatment | (705) HIV Status, Care And Treatment: In The Past Year, Did You Change The Clinic Where You Receive HIV Care?  | Changed clinic of care in past year?                           | Numeric                 | 1 - Yes  | 404       | 14.9    |
|                |               |   |  |  |                         | 2 - No   | 2,312     | 85.1    |
|                |               |   |  |  |                         | -8 - Don't Know  | 3         | .       |
|                |               |   |  |  |                         | -9 - Refused   | 1         | .       |
| 144            | traveltime    | Individual Questionnaire - HIV Status, Care And Treatment | (706) HIV Status, Care And Treatment: At Your Last HIV Care Visit, Approximately How Long Did It Take You To Travel From Your Home (Or Workplace) One-Way? | Travel duration from home at last HIV care visit               | Numeric                 | 1 - Less Than Half Hour                                | 926       | 33.9    |
|                |               |   |  |  |                         | 2 - Half Hour To One Hour                              | 728       | 26.7    |
|                |               |   |  |  |                         | 3 - One To Two Hours                                   | 799       | 29.3    |
|                |               |   |  |  |                         | 4 - More Than Two Hours                                | 276       | 10.1    |
|                |               |   |  |  |                         | -8 - Don't Know  | 13        | .       |
|                |               |   |  |  |                         | -9 - Refused   | 1         | .       |
| 145            | traveldiff    | Individual Questionnaire - HIV Status, Care And Treatment | (707) HIV Status, Care And Treatment: Does Travel Time To Health Facility Make It Difficult For You To Access Care?  | Does travel time cause difficulty to access care?              | Numeric                 | 1 - Yes  | 536       | 19.6    |
|                |               |   |  |  |                         | 2 - No   | 2,202     | 80.4    |
|                |               |   |  |  |                         | -8 - Don't Know  | 2         | .       |
|                |               |   |  |  |                         | -9 - Refused   | 3         | .       |
| 146            | hivclm        | Individual Questionnaire - HIV Status, Care And Treatment | (708) HIV Status, Care And Treatment: When Did You Last See A Health Care Provider For HIV Treatment Or Care?: Month                                       | When was last visit for HIV care (Month)                       | Numeric                 | Mean:7, range (1-12); no. missing values:9,300         | 2,719     | .       |
|                |               |   |  |  |                         | -8 - Don't Know Month                                  | 23        | .       |
|                |               |   |  |  |                         | -9 - Refused Month                                     | 1         | .       |
| 147            | hivcly        | Individual Questionnaire - HIV Status, Care And Treatment | (708) HIV Status, Care And Treatment: When Did You Last See A Health Care Provider For HIV Treatment Or Care?: Year (bottom coded at 2019)                 | When was last visit for HIV care (Year) (bottom coded at 2019) | Numeric                 | Mean:2021, range (2019-2021); no. missing values:9,300 | 2,732     | .       |
|                |               |   |  |  |                         | -8 - Don't Know Year                                   | 8         | .       |
|                |               |   |  |  |                         | -9 - Refused Year                                      | 3         | .       |
| 148            | arvstakenev   | Individual Questionnaire - HIV Status, Care And Treatment | (709) HIV Status, Care And Treatment: Have You Ever Taken ARVs, That Is, Antiretroviral Medications To Treat HIV Infection?                                | Ever taken ARVs?   | Numeric                 | 1 - Yes  | 2,747     | 97.9    |
|                |               |   |  |  |                         | 2 - No   | 60        | 2.1     |
|                |               |   |  |  |                         | -8 - Don't Know  | .         | .       |
|                |               |   |  |  |                         | -9 - Refused   | 3         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category   | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|----------------|---|--|---|-------------------------|--|-----------|---------|
| 149            | arvftm         | Individual Questionnaire - HIV Status, Care And Treatment | (711) HIV Status, Care And Treatment: What Month And Year Did You First Start Taking ARVs?: Month  | First started taking ARVs (Month)                       | Numeric                 | Mean:5.7, range (1-12); no. missing values:9,296         | 2,461     | .       |
|                |                |   |  |   |                         | -8 - Don't Know Month                                    | 286       | .       |
|                |                |   |  |   |                         | -9 - Refused Month                                       | .         | .       |
| 150            | arvfty         | Individual Questionnaire - HIV Status, Care And Treatment | (711) HIV Status, Care And Treatment: What Month And Year Did You First Start Taking ARVs?: Year (bottom coded at 2004)  | First started taking ARVs (Year) (bottom coded at 2004) | Numeric                 | Mean:2013.5, range (2004-2021); no. missing values:9,296 | 2,709     | .       |
|                |                |   |  |   |                         | -8 - Don't Know Year                                     | 37        | .       |
|                |                |   |  |   |                         | -9 - Refused Year  | 1         | .       |
| 151            | arvscurrent    | Individual Questionnaire - HIV Status, Care And Treatment | (712) HIV Status, Care And Treatment: Are You Currently Taking ARVs, That Is, Antiretroviral Medications?  | Are you currently taking ARVs?                          | Numeric                 | 1 - Yes  | 2,719     | 99.1    |
|                |                |   |  |   |                         | 2 - No   | 26        | 1.0     |
|                |                |   |  |   |                         | -8 - Don't Know  | 1         | .       |
|                |                |   |  |   |                         | -9 - Refused   | 1         | .       |
| 152            | arvloc_sz      | Individual Questionnaire - HIV Status, Care And Treatment | (714) HIV Status, Care And Treatment: How Do You Normally Receive Your ARVs?   | How do you receive ARVs?                                | Numeric                 | 1 - Pick Up At The Local Clinic                          | 1,608     | 59.3    |
|                |                |   |  |   |                         | 2 - Pick Up At The Hospital                              | 1,001     | 36.9    |
|                |                |   |  |   |                         | 3 - From The Community Support Group/Adherence Club      | 27        | 1.0     |
|                |                |   |  |   |                         | 4 - They Are Delivered To My Home                        | 75        | 2.8     |
|                |                |   |  |   |                         | 96 - Other   | 8         | .       |
|                |                |   |  |   |                         | -8 - Don't Know  | .         | .       |
|                |                |   |  |   |                         | -9 - Refused   | .         | .       |
| 153            | arvloccovid_sz | Individual Questionnaire -                                | (714a) HIV Status, Care And Treatment - Covid19: Since March 2020, The Covid-19 Pandemic Has Affected Many Medical Services Including HIV Testing And Art Clinics. Was There Any Period Since March 2020 When You Obtained (Or Were Told To Obtain) Your Art In A Different Place Than Where You Usually Receive Them? | ARV obtained in a different way or place due to Covid?  | Numeric                 | 1 - Yes  | 284       | 10.5    |
|                |                |   |  |   |                         | 2 - No   | 2,433     | 89.6    |
|                |                |   |  |   |                         | -8 - Don't Know  | 1         | .       |
|                |                |   |  |   |                         | -9 - Refused   | 1         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name   | Variable Category   | Question Text/<br>Variable Description   | Variable Label                        | Variable Type and Width | Coding Values and Labels                            | Frequency | Percent |
|----------------|-----------------|---|--|---------------------------------------|-------------------------|---|-----------|---------|
| 154            | arvamt covid_sz | Individual Questionnaire - HIV Status, Care And Treatment | (715a) HIV Status, Care And Treatment - Covid19: The Last Time You Picked Up Or Received Your Art, Were You Told That You Were Being Given A Longer Refill Because Of The Covid-19 Partial Lockdown?                                   | An extra ARV supply because of Covid? | Numeric                 | 1 - Yes   | 1,053     | 38.9    |
|                |                 |   |  |                                       |                         | 2 - No  | 1,654     | 61.1    |
|                |                 |   |  |                                       |                         | -8 - Don't Know                                     | 12        | .       |
|                |                 |   |  |                                       |                         | -9 - Refused  | .         | .       |
| 155            | arvswitch       | Individual Questionnaire - HIV Status, Care And Treatment | (716) HIV Status, Care And Treatment: Have Your ARVs Ever Been Changed Or Modified?  | Ever changed or modified ARVs?        | Numeric                 | 1 - Yes   | 1,661     | 62.0    |
|                |                 |   |  |                                       |                         | 2 - No  | 1,018     | 38.0    |
|                |                 |   |  |                                       |                         | -8 - Don't Know                                     | 40        | .       |
|                |                 |   |  |                                       |                         | -9 - Refused  | .         | .       |
| 156            | arvswitchwhy    | Individual Questionnaire - HIV Status, Care And Treatment | (717) HIV Status, Care And Treatment: Why Were Your ARVs Changed?  | Why Were Your ARVs Changed?           | Numeric                 | 1 - I Was Not Responding To My First Treatment      | 76        | 5.2     |
|                |                 |   |  |                                       |                         | 2 - My Viral Load Wasn't Suppressed                 | 36        | 2.5     |
|                |                 |   |  |                                       |                         | 3 - I Wanted To Get Pregnant Or Was Pregnant        | .         | .       |
|                |                 |   |  |                                       |                         | 4 - I Was Having/Worried About Serious Side Effects | 63        | 4.3     |
|                |                 |   |  |                                       |                         | 5 - National Art Regimen Change                     | 1,276     | 87.9    |
|                |                 |   |  |                                       |                         | 96 - Other (Specify)                                | 17        | .       |
|                |                 |   |  |                                       |                         | -8 - Don't Know                                     | 193       | .       |
|                |                 |   |  |                                       |                         | -9 - Refused  | .         | .       |
| 157            | arvinterr       | Individual Questionnaire - HIV Status, Care And Treatment | (718) HIV Status, Care And Treatment: You Said Before That You Had Been Away From Home During The Past Year. At Any Point In The Past Year When You Were Away From Home, Was There Any Period When You Interrupted Your ARV Treatment? | Ever interrupted ARV treatment        | Numeric                 | 1 - Yes   | 23        | 10.7    |
|                |                 |   |  |                                       |                         | 2 - No  | 193       | 89.4    |
|                |                 |   |  |                                       |                         | -8 - Don't Know                                     | .         | .       |
|                |                 |   |  |                                       |                         | -9 - Refused  | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name     | Variable Category   | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|-------------------|---|--|--|-------------------------|--|-----------|---------|
| 158            | arvinterrcovid_sz | Individual Questionnaire - HIV Status, Care And Treatment | (718a) HIV Status, Care And Treatment - Covid19: Since March 2020, The Covid-19 Pandemic Has Affected Many Medical Services Including HIV Testing And Art Clinics. Was There Any Period Since March 2020 When You Interrupted Your Art Due To The Covid-19 Partial Lockdown? | ARV interrupted due to Covid?                                | Numeric                 | 1 - Yes  | 119       | 4.4     |
|                |                   |   |  |  |                         | 2 - No   | 2,593     | 95.6    |
|                |                   |   |  |  |                         | -8 - Don't Know  | 5         | .       |
|                |                   |   |  |  |                         | -9 - Refused   | 2         | .       |
| 159            | arvsmissdays      | Individual Questionnaire - HIV Status, Care And Treatment | (719) HIV Status, Care And Treatment: People Sometimes Forget To Take All Of Their ARVs Every Day. In The Last 30 Days, How Many Days Have You Missed Taking Any Of Your ARV Pills? (top coded at 5)   | Number of days missed taking ARVs (top coded at 5)           | Numeric                 | Mean:0.4, range (0-5); no. missing values:9,324          | 2,696     | .       |
|                |                   |   |  |  |                         | -8 - Don't Know  | 21        | .       |
|                |                   |   |  |  |                         | -9 - Refused   | 2         | .       |
| 160            | vltest            | Individual Questionnaire - HIV Status, Care And Treatment | (720) HIV Status, Care And Treatment: Did You Ever Have A Viral Load Test?   | Ever taken viral load test?                                  | Numeric                 | 1 - Yes  | 2,322     | 85.9    |
|                |                   |   |  |  |                         | 2 - No   | 382       | 14.1    |
|                |                   |   |  |  |                         | -8 - Don't Know  | 98        | .       |
|                |                   |   |  |  |                         | -9 - Refused   | 7         | .       |
| 161            | vltestlstm        | Individual Questionnaire - HIV Status, Care And Treatment | (721) HIV Status, Care And Treatment: When Did You Last Have A Viral Load Test?: Month   | When viral load was taken (Month)                            | Numeric                 | Mean:6, range (1-12); no. missing values:9,721           | 2,222     | .       |
|                |                   |   |  |  |                         | -8 - Don't Know Month                                    | 98        | .       |
|                |                   |   |  |  |                         | -9 - Refused Month                                       | 2         | .       |
| 162            | vltestlsty        | Individual Questionnaire - HIV Status, Care And Treatment | (721) HIV Status, Care And Treatment: When Did You Last Have A Viral Load Test?: Year (bottom coded at 2018)   | When viral load test was taken (Year) (bottom coded at 2018) | Numeric                 | Mean:2020.7, range (2018-2021); no. missing values:9,721 | 2,308     | .       |
|                |                   |   |  |  |                         | -8 - Don't Know Year                                     | 12        | .       |
|                |                   |   |  |  |                         | -9 - Refused Year  | 2         | .       |
| 163            | vltestresult      | Individual Questionnaire - HIV Status, Care And Treatment | (721a) HIV Status, Care And Treatment: Did You Receive The Results Of Your Last Viral Load Test?   | Received viral load test result?                             | Numeric                 | 1 - Yes  | 1,077     | 47.6    |
|                |                   |   |  |  |                         | 2 - No   | 1,188     | 52.5    |
|                |                   |   |  |  |                         | -8 - Don't Know  | 57        | .       |
|                |                   |   |  |  |                         | -9 - Refused   | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category   | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|----------------|---|--|---|-------------------------|--------------------------|-----------|---------|
| 164            | tbsympassess_a | Individual Questionnaire - HIV Status, Care And Treatment | (722) HIV Status, Care And Treatment: At Your Last HIV Medical Care Visit, Were You Asked If You Had Any Of The Following Tuberculosis Or TB Symptoms: A - Persistent Cough?     | TB symptoms in the last HIV visit: A - Persistent cough | Numeric                 | 1 - Yes                  | 2,071     | 74.4    |
|                |                |   |  |   |                         | 2 - No                   | 713       | 25.6    |
|                |                |   |  |   |                         | -8 - Don't Know          | 18        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 7         | .       |
| 165            | tbsympassess_b | Individual Questionnaire - HIV Status, Care And Treatment | (722) HIV Status, Care And Treatment: At Your Last HIV Medical Care Visit, Were You Asked If You Had Any Of The Following Tuberculosis Or TB Symptoms: B - Fever?                | TB symptoms in the last HIV visit: B - Fever            | Numeric                 | 1 - Yes                  | 2,044     | 73.4    |
|                |                |   |  |   |                         | 2 - No                   | 740       | 26.6    |
|                |                |   |  |   |                         | -8 - Don't Know          | 18        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 7         | .       |
| 166            | tbsympassess_c | Individual Questionnaire - HIV Status, Care And Treatment | (722) HIV Status, Care And Treatment: At Your Last HIV Medical Care Visit, Were You Asked If You Had Any Of The Following Tuberculosis Or TB Symptoms: C - Night Sweats?         | TB symptoms in the last HIV visit: C - Night sweat      | Numeric                 | 1 - Yes                  | 2,048     | 73.6    |
|                |                |   |  |   |                         | 2 - No                   | 736       | 26.4    |
|                |                |   |  |   |                         | -8 - Don't Know          | 18        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 7         | .       |
| 167            | tbsympassess_d | Individual Questionnaire - HIV Status, Care And Treatment | (722) HIV Status, Care And Treatment: At Your Last HIV Medical Care Visit, Were You Asked If You Had Any Of The Following Tuberculosis Or TB Symptoms: D - Weight Loss?          | TB symptoms in the last HIV visit: D - Weight loss      | Numeric                 | 1 - Yes                  | 1,993     | 71.6    |
|                |                |   |  |   |                         | 2 - No                   | 791       | 28.4    |
|                |                |   |  |   |                         | -8 - Don't Know          | 18        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 7         | .       |
| 168            | tbsympassess_e | Individual Questionnaire - HIV Status, Care And Treatment | (722) HIV Status, Care And Treatment: At Your Last HIV Medical Care Visit, Were You Asked If You Had Any Of The Following Tuberculosis Or TB Symptoms: E - None Of The Above     | TB symptoms in the last HIV visit: E - None             | Numeric                 | 1 - Yes                  | 675       | 24.3    |
|                |                |   |  |   |                         | 2 - No                   | 2,109     | 75.8    |
|                |                |   |  |   |                         | -8 - Don't Know          | 18        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 7         | .       |
| 169            | tbtpt          | Individual Questionnaire - HIV Status, Care And Treatment | (723) HIV Status, Care And Treatment: Have You Ever Taken Medicine Or A Pill To Prevent You From Coming Down With TB? This Is Sometimes Known As TB Preventative Therapy Or TPT. | Ever taken medicine to prevent TB?                      | Numeric                 | 1 - Yes                  | 1,775     | 63.6    |
|                |                |   |  |   |                         | 2 - No                   | 1,014     | 36.4    |
|                |                |   |  |   |                         | -8 - Don't Know          | 17        | .       |
|                |                |   |  |   |                         | -9 - Refused             | 3         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels                         | Frequency | Percent |
|----------------|---------------|---|---|--|-------------------------|--|-----------|---------|
| 170            | medinhcurr    | Individual Questionnaire - HIV Status, Care And Treatment       | (724) HIV Status, Care And Treatment: Are You Currently Taking TPT?   | Currently taking TPT?  | Numeric                 | 1 - Yes  | 179       | 10.1    |
|                |               |   |   |  |                         | 2 - No   | 1,593     | 89.9    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | 3         | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | .         | .       |
| 171            | medinhmonths  | Individual Questionnaire - HIV Status, Care And Treatment       | (725) HIV Status, Care And Treatment: How Many Months Have You Taken TPT? (bottom coded at 1 and top coded at 6)  | Number of months taking TPT (bottom coded at 1 and top coded at 6) | Numeric                 | Mean:3.5, range (1-6); no. missing values:11,864 | 173       | .       |
|                |               |   |   |  |                         | -8 - Don't Know                                  | 6         | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | .         | .       |
| 172            | tbclinvisit   | Individual Questionnaire - Tuberculosis And Other Health Issues | (801) TB And Other Health Issues: In The Last 12 Months, Did You Visit A Clinic For TB Diagnosis Or Treatment?    | Visited clinic for TB treatment?                                   | Numeric                 | 1 - Yes  | 651       | 5.4     |
|                |               |   |   |  |                         | 2 - No   | 11,374    | 94.6    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | 17        | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | 1         | .       |
| 173            | tbclinhvtst   | Individual Questionnaire - Tuberculosis And Other Health Issues | (802) TB And Other Health Issues: When You Visited A TB Clinic In The Last 12 Months, Were You Tested For HIV?    | Tested for HIV during TB visit?                                    | Numeric                 | 1 - Yes  | 406       | 64.9    |
|                |               |   |   |  |                         | 2 - No, Was Not Tested For HIV                   | 134       | 21.4    |
|                |               |   |   |  |                         | 3 - No, Already Know I Am HIV Positive           | 86        | 13.7    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | 23        | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | 2         | .       |
| 174            | tbdiagn       | Individual Questionnaire - Tuberculosis And Other Health Issues | (803) TB And Other Health Issues: In The Last 12 Months, Were You Told By A Health Care Provider That You Had TB? | Told by doctor about TB in last 12 months                          | Numeric                 | 1 - Yes  | 77        | 11.9    |
|                |               |   |   |  |                         | 2 - No   | 572       | 88.1    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | 2         | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | .         | .       |
| 175            | tbtreated     | Individual Questionnaire - Tuberculosis And Other Health Issues | (804) TB And Other Health Issues: In The Last 12 Months, Were You Treated For TB?                                 | Treated for TB in past 12 months?                                  | Numeric                 | 1 - Yes  | 59        | 76.6    |
|                |               |   |   |  |                         | 2 - No   | 18        | 23.4    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | .         | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | .         | .       |
| 176            | tbtreatcurr   | Individual Questionnaire - Tuberculosis And Other Health Issues | (805) TB And Other Health Issues: Are You Currently On Treatment For TB?  | Currently on TB treatment?   | Numeric                 | 1 - Yes  | 24        | 40.7    |
|                |               |   |   |  |                         | 2 - No   | 35        | 59.3    |
|                |               |   |   |  |                         | -8 - Don't Know                                  | .         | .       |
|                |               |   |   |  |                         | -9 - Refused                                     | .         | .       |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category   | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                                 | Frequency | Percent |
|----------------|----------------|---|--|--|-------------------------|--|-----------|---------|
| 177            | tbtreat6mofull | Individual Questionnaire - Tuberculosis And Other Health Issues | (806) TB And Other Health Issues: The Last Time You Were Treated For TB, Did You Complete At Least 6 Months Of Treatment?  | Completed at least 6 months of treatment?                          | Numeric                 | 1 - Yes  | 31        | 88.6    |
|                |                |   |  |  |                         | 2 - No   | 4         | 11.4    |
|                |                |   |  |  |                         | -8 - Don't Know  | .         | .       |
|                |                |   |  |  |                         | -9 - Refused   | .         | .       |
| 178            | cerventst      | Individual Questionnaire - Tuberculosis And Other Health Issues | (807) TB And Other Health Issues: Have You Ever Been Tested For Cervical Cancer?   | Tested for cervical cancer?  | Numeric                 | 1 - Yes  | 2,226     | 31.9    |
|                |                |   |  |  |                         | 2 - No   | 4,749     | 68.1    |
|                |                |   |  |  |                         | -8 - Don't Know  | 10        | .       |
|                |                |   |  |  |                         | -9 - Refused   | .         | .       |
| 179            | cerventsm      | Individual Questionnaire - Tuberculosis And Other Health Issues | (808) TB And Other Health Issues: What Month And Year Was Your Last Test For Cervical Cancer?: Month   | When last tested for cervical cancer (Month)                       | Numeric                 | Mean:6, range (1-12); no. missing values:9,817           | 1,999     | .       |
|                |                |   |  |  |                         | -8 - Don't Know Month                                    | 227       | .       |
|                |                |   |  |  |                         | -9 - Refused Month                                       | .         | .       |
| 180            | cerventsy      | Individual Questionnaire - Tuberculosis And Other Health Issues | (808) TB And Other Health Issues: What Month And Year Was Your Last Test For Cervical Cancer?: Year (bottom coded at 2010)   | When last tested for cervical cancer (Year) (bottom coded at 2010) | Numeric                 | Mean:2019.4, range (2010-2021); no. missing values:9,817 | 2,174     | .       |
|                |                |   |  |  |                         | -8 - Don't Know Year                                     | 51        | .       |
|                |                |   |  |  |                         | -9 - Refused Year  | 1         | .       |
| 181            | cerncnrslt     | Individual Questionnaire - Tuberculosis And Other Health Issues | (809) TB And Other Health Issues: What Was The Result Of Your Last Test For Cervical Cancer?   | Result of last cervical cancer test                                | Numeric                 | 1 - Normal/Negative                                      | 2,049     | 92.5    |
|                |                |   |  |  |                         | 2 - Abnormal/Positive/Suspect Cancer                     | 51        | 2.3     |
|                |                |   |  |  |                         | 3 - Suspect Cancer                                       | 38        | 1.7     |
|                |                |   |  |  |                         | 5 - Unclear/Inconclusive/Did Not Receive Results         | 78        | 3.5     |
|                |                |   |  |  |                         | -8 - Don't Know  | 10        | .       |
|                |                |   |  |  |                         | -9 - Refused   | .         | .       |
| 182            | cerncntrt      | Individual Questionnaire - Tuberculosis And Other Health Issues | (810) TB And Other Health Issues: Did You Receive Treatment After Your Last Test For Cervical Cancer? Did You Receive Treatment On The Same Day Or On A Different Day? | Receive treatment after last test                                  | Numeric                 | 1 - Yes, I Was Treated On The Same Day                   | 43        | 26.2    |
|                |                |   |  |  |                         | 2 - Yes, I Was Treated On A Different Day                | 35        | 21.3    |
|                |                |   |  |  |                         | 3 - No   | 86        | 52.4    |
|                |                |   |  |  |                         | -8 - Don't Know  | 3         | .       |
|                |                |   |  |  |                         | -9 - Refused   | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category   | Question Text/<br>Variable Description   | Variable Label                           | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|----------------|---|--|--|-------------------------|--------------------------|-----------|---------|
| 183            | hpvvacc        | Individual Questionnaire - Tuberculosis And Other Health Issues | (811) TB And Other Health Issues: Have You Ever Been Vaccinated To Prevent Cervical Cancer? This Would Be The Hpv Vaccine.             | Ever been vaccinated for cervical cancer | Numeric                 | 1 - Yes                  | 41        | 1.9     |
|                |                |   |  |  |                         | 2 - No                   | 2,169     | 98.1    |
|                |                |   |  |  |                         | -8 - Don't Know          | 16        | .       |
|                |                |   |  |  |                         | -9 - Refused             | .         | .       |
| 184            | littleinterest | Individual Questionnaire - Tuberculosis And Other Health Issues | (812) TB And Other Health Issues: Over The Past Two Weeks, How Often Have You Been Bothered By Having Little Interest In Doing Things? | Frequency of having no interest          | Numeric                 | 1 - Not At All           | 9,692     | 81.0    |
|                |                |   |  |  |                         | 2 - 1 - 7 Days           | 2,014     | 16.8    |
|                |                |   |  |  |                         | 3 - 8 - 11 Days          | 138       | 1.2     |
|                |                |   |  |  |                         | 4 - 12 - 14 Days         | 116       | 1.0     |
|                |                |   |  |  |                         | -8 - Don't Know          | 83        | .       |
|                |                |   |  |  |                         | -9 - Refused             | .         | .       |
| 185            | depressed      | Individual Questionnaire - Tuberculosis And Other Health Issues | (813) TB And Other Health Issues: Over The Past Two Weeks, How Often Have You Felt Down, Depressed Or Hopeless?                        | Frequency of depression                  | Numeric                 | 1 - Not At All           | 9,731     | 81.4    |
|                |                |   |  |  |                         | 2 - 1 - 7 Days           | 1,950     | 16.3    |
|                |                |   |  |  |                         | 3 - 8 - 11 Days          | 160       | 1.3     |
|                |                |   |  |  |                         | 4 - 12 - 14 Days         | 109       | 0.9     |
|                |                |   |  |  |                         | -8 - Don't Know          | 91        | .       |
|                |                |   |  |  |                         | -9 - Refused             | 2         | .       |
| 186            | anxiety        | Individual Questionnaire - Tuberculosis And Other Health Issues | (814) TB And Other Health Issues: Over The Past Two Weeks, How Often Have You Felt Nervous, Anxious Or On Edge?                        | Frequency of anxiety                     | Numeric                 | 1 - Not At All           | 10,172    | 85.1    |
|                |                |   |  |  |                         | 2 - 1 - 7 Days           | 1,559     | 13.1    |
|                |                |   |  |  |                         | 3 - 8 - 11 Days          | 137       | 1.2     |
|                |                |   |  |  |                         | 4 - 12 - 14 Days         | 80        | 0.7     |
|                |                |   |  |  |                         | -8 - Don't Know          | 89        | .       |
|                |                |   |  |  |                         | -9 - Refused             | 6         | .       |
| 187            | worry          | Individual Questionnaire - Tuberculosis And Other Health Issues | (815) TB And Other Health Issues: Over The Past Two Weeks, How Often Have You Not Been Able To Stop Or Control Worrying?               | Frequency of worrying                    | Numeric                 | 1 - Not At All           | 9,878     | 82.9    |
|                |                |   |  |  |                         | 2 - 1 - 7 Days           | 1,736     | 14.6    |
|                |                |   |  |  |                         | 3 - 8 - 11 Days          | 178       | 1.5     |
|                |                |   |  |  |                         | 4 - 12 - 14 Days         | 127       | 1.1     |
|                |                |   |  |  |                         | -8 - Don't Know          | 118       | .       |
|                |                |   |  |  |                         | -9 - Refused             | 6         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description   | Variable Label                        | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|--|---------------------------------------|-------------------------|--------------------------|-----------|---------|
| 188            | chroniccond_a | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? A - High Blood Sugar Or Diabetes             | Chronic condition: A - Diabetes       | Numeric                 | 1 - Yes                  | 675       | 5.7     |
|                |               |   |  |                                       |                         | 2 - No                   | 11,244    | 94.3    |
|                |               |   |  |                                       |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |                                       |                         | -9 - Refused             | 4         | .       |
| 189            | chroniccond_b | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? B - High Blood Pressure Or Hypertension      | Chronic condition: B - Hypertension   | Numeric                 | 1 - Yes                  | 950       | 8.0     |
|                |               |   |  |                                       |                         | 2 - No                   | 10,969    | 92.0    |
|                |               |   |  |                                       |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |                                       |                         | -9 - Refused             | 4         | .       |
| 190            | chroniccond_c | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? C - Heart Disease Or Chronic Heart Condition | Chronic condition: C - Heart disease  | Numeric                 | 1 - Yes                  | 120       | 1.0     |
|                |               |   |  |                                       |                         | 2 - No                   | 11,799    | 99.0    |
|                |               |   |  |                                       |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |                                       |                         | -9 - Refused             | 4         | .       |
| 191            | chroniccond_d | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? D - Kidney Disease                           | Chronic condition: D - Kidney disease | Numeric                 | 1 - Yes                  | 100       | 0.8     |
|                |               |   |  |                                       |                         | 2 - No                   | 11,819    | 99.2    |
|                |               |   |  |                                       |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |                                       |                         | -9 - Refused             | 4         | .       |
| 192            | chroniccond_e | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? E - Cancer Or Tumor                          | Chronic condition: E - Cancer         | Numeric                 | 1 - Yes                  | 57        | 0.5     |
|                |               |   |  |                                       |                         | 2 - No                   | 11,862    | 99.5    |
|                |               |   |  |                                       |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |                                       |                         | -9 - Refused             | 4         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description   | Variable Label                              | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|--|---|-------------------------|--------------------------|-----------|---------|
| 193            | chroniccond_f | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? F - Lung Disease Or Chronic Lung Condition | Chronic condition: F - Lung disease         | Numeric                 | 1 - Yes                  | 99        | 0.8     |
|                |               |   |  |   |                         | 2 - No                   | 11,820    | 99.2    |
|                |               |   |  |   |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |   |                         | -9 - Refused             | 4         | .       |
| 194            | chroniccond_g | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? G - Depression Or Mental Health Condition  | Chronic condition: G - Mental health        | Numeric                 | 1 - Yes                  | 81        | 0.7     |
|                |               |   |  |   |                         | 2 - No                   | 11,838    | 99.3    |
|                |               |   |  |   |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |   |                         | -9 - Refused             | 4         | .       |
| 195            | chroniccond_i | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? I - None Of The Above                      | Chronic condition: I - None                 | Numeric                 | 1 - Yes                  | 9,990     | 83.8    |
|                |               |   |  |   |                         | 2 - No                   | 1,929     | 16.2    |
|                |               |   |  |   |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |   |                         | -9 - Refused             | 4         | .       |
| 196            | chroniccond_x | Individual Questionnaire - Tuberculosis And Other Health Issues | (816) TB And Other Health Issues: Have You Ever Been Told By A Health Care Provider That You Have Any Of The Following Chronic Health Conditions? X - Other (Specify)                        | Chronic condition: X - Other                | Numeric                 | 1 - Yes                  | 222       | 1.9     |
|                |               |   |  |   |                         | 2 - No                   | 11,697    | 98.1    |
|                |               |   |  |   |                         | -8 - Don't Know          | 120       | .       |
|                |               |   |  |   |                         | -9 - Refused             | 4         | .       |
| 197            | chronicmed_a  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? A - High Blood Sugar Or Diabetes                                   | Chronic condition medications: A - Diabetes | Numeric                 | 1 - Yes                  | 585       | 30.6    |
|                |               |   |  |   |                         | 2 - No                   | 1,329     | 69.4    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description   | Variable Label                                    | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|---|--|---|-------------------------|--------------------------|-----------|---------|
| 198            | chronicmed_b  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? B - High Blood Pressure Or Hypertension      | Chronic condition medications: B - Hypertension   | Numeric                 | 1 - Yes                  | 756       | 39.5    |
|                |               |   |  |   |                         | 2 - No                   | 1,158     | 60.5    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |
| 199            | chronicmed_c  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? C - Heart Disease Or Chronic Heart Condition | Chronic condition medications: C - Heart disease  | Numeric                 | 1 - Yes                  | 58        | 3.0     |
|                |               |   |  |   |                         | 2 - No                   | 1,856     | 97.0    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |
| 200            | chronicmed_d  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? D - Kidney Disease                           | Chronic condition medications: D - Kidney disease | Numeric                 | 1 - Yes                  | 29        | 1.5     |
|                |               |   |  |   |                         | 2 - No                   | 1,885     | 98.5    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |
| 201            | chronicmed_e  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? E - Cancer Or Tumor                          | Chronic condition medications: E - Cancer         | Numeric                 | 1 - Yes                  | .         | .       |
|                |               |   |  |   |                         | 2 - No                   | 1,891     | 100.0   |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |
| 202            | chronicmed_f  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? F - Lung Disease Or Chronic Lung Condition   | Chronic condition medications: F - Lung disease   | Numeric                 | 1 - Yes                  | 51        | 2.7     |
|                |               |   |  |   |                         | 2 - No                   | 1,863     | 97.3    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |
| 203            | chronicmed_g  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? G - Depression Or Mental Health Condition    | Chronic condition medications: G - Mental health  | Numeric                 | 1 - Yes                  | 40        | 2.1     |
|                |               |   |  |   |                         | 2 - No                   | 1,874     | 97.9    |
|                |               |   |  |   |                         | -8 - Don't Know          | 15        | .       |
|                |               |   |  |   |                         | -9 - Refused             | .         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category   | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|---------------|---|---|---|-------------------------|----------------------------|-----------|---------|
| 204            | chronicmed_i  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? I - None Of The Above | Chronic condition medications: I - None                       | Numeric                 | 1 - Yes                    | 512       | 26.8    |
|                |               |   |   |   |                         | 2 - No                     | 1,402     | 73.3    |
|                |               |   |   |   |                         | -8 - Don't Know            | 15        | .       |
|                |               |   |   |   |                         | -9 - Refused               | .         | .       |
| 205            | chronicmed_x  | Individual Questionnaire - Tuberculosis And Other Health Issues | (817) TB And Other Health Issues: Are You Currently Taking Medication For Any Of The Following Chronic Health Conditions? X - Other (Specify)   | Chronic condition medications: X - Other                      | Numeric                 | 1 - Yes                    | 108       | 5.6     |
|                |               |   |   |   |                         | 2 - No                     | 1,806     | 94.4    |
|                |               |   |   |   |                         | -8 - Don't Know            | 15        | .       |
|                |               |   |   |   |                         | -9 - Refused               | .         | .       |
| 206            | alcfreq       | Individual Questionnaire - Alcohol Use                          | (901) Alcohol Use: How Often Do You Have A Drink Containing Alcohol?  | How often do you have a drink containing alcohol?             | Numeric                 | 0 - Never                  | 9,349     | 78.6    |
|                |               |   |   |   |                         | 1 - Monthly Or Less        | 1,589     | 13.4    |
|                |               |   |   |   |                         | 2 - 2-4 Times A Month      | 516       | 4.3     |
|                |               |   |   |   |                         | 3 - 2-3 Times A Week       | 282       | 2.4     |
|                |               |   |   |   |                         | 4 - 4 Or More Times A Week | 154       | 1.3     |
|                |               |   |   |   |                         | -8 - Don't Know            | 108       | .       |
|                |               |   |   |   |                         | -9 - Refused               | 45        | .       |
| 207            | alcnmday      | Individual Questionnaire - Alcohol Use                          | (902) Alcohol Use: How Many Drinks Containing Alcohol Do You Have On A Typical Day?   | Number of drinks containing alcohol consumed on a typical day | Numeric                 | 0 - 1 Or 2                 | 1,366     | 60.5    |
|                |               |   |   |   |                         | 1 - 3 Or 4                 | 495       | 21.9    |
|                |               |   |   |   |                         | 2 - 5 Or 6                 | 206       | 9.1     |
|                |               |   |   |   |                         | 3 - 7 To 9                 | 83        | 3.7     |
|                |               |   |   |   |                         | 4 - 10 Or More             | 107       | 4.7     |
|                |               |   |   |   |                         | -8 - Don't Know            | 231       | .       |
|                |               |   |   |   |                         | -9 - Refused               | 53        | .       |
| 208            | alcsixmore    | Individual Questionnaire - Alcohol Use                          | (903) Alcohol Use: How Often Do You Have Six Or More Drinks On One Occasion?  | How often do you have six or more drinks on one occasion?     | Numeric                 | 0 - Never                  | 1,046     | 42.5    |
|                |               |   |   |   |                         | 1 - Less Than Monthly      | 655       | 26.6    |
|                |               |   |   |   |                         | 2 - Monthly                | 463       | 18.8    |
|                |               |   |   |   |                         | 3 - Weekly                 | 252       | 10.2    |
|                |               |   |   |   |                         | 4 - Daily Or Almost Daily  | 44        | 1.8     |
|                |               |   |   |   |                         | -8 - Don't Know            | 70        | .       |
|                |               |   |   |   |                         | -9 - Refused               | 11        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category  | Question Text/<br>Variable Description  | Variable Label                                 | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|--|---|--|-------------------------|--------------------------|-----------|---------|
| 209            | condomwhere_a | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? A - Clinic/Hospital      | Where to get condoms: A - Clinic/hospital      | Numeric                 | 1 - Yes                  | 1,651     | 47.5    |
|                |               |  |   |  |                         | 2 - No                   | 1,824     | 52.5    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 210            | condomwhere_b | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? B - Kiosk/Shop           | Where to get condoms: B - Kiosk/shop           | Numeric                 | 1 - Yes                  | 2,918     | 84.0    |
|                |               |  |   |  |                         | 2 - No                   | 557       | 16.0    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 211            | condomwhere_c | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? C - Pharmacy             | Where to get condoms: C - Pharmacy             | Numeric                 | 1 - Yes                  | 576       | 16.6    |
|                |               |  |   |  |                         | 2 - No                   | 2,899     | 83.4    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 212            | condomwhere_d | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? D - Local Free Dispenser | Where to get condoms: D - Local free dispenser | Numeric                 | 1 - Yes                  | 432       | 12.4    |
|                |               |  |   |  |                         | 2 - No                   | 3,043     | 87.6    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 213            | condomwhere_e | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? E - Friends/Peers        | Where to get condoms: E - Friends/peer         | Numeric                 | 1 - Yes                  | 364       | 10.5    |
|                |               |  |   |  |                         | 2 - No                   | 3,111     | 89.5    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 214            | condomwhere_f | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? F - Sexual Partner(s)    | Where to get condoms: F - Sexual partner(s)    | Numeric                 | 1 - Yes                  | 128       | 3.7     |
|                |               |  |   |  |                         | 2 - No                   | 3,347     | 96.3    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |
| 215            | condomwhere_x | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1001) Prevention Intervention: Where Can You Get Condoms? X - Other (Specify)      | Where to get condoms: X - Other                | Numeric                 | 1 - Yes                  | 42        | 1.2     |
|                |               |  |   |  |                         | 2 - No                   | 3,433     | 98.8    |
|                |               |  |   |  |                         | -8 - Don't Know          | 202       | .       |
|                |               |  |   |  |                         | -9 - Refused             | 44        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name         | Variable Category  | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|-----------------------|--|---|--|-------------------------|--------------------------|-----------|---------|
| 216            | condomget             | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1002) Prevention Intervention: If You Wanted A Condom, Would It Be Easy For You To Get One?                  | Easy to get condoms  | Numeric                 | 1 - Yes                  | 2,858     | 82.3    |
|                |                       |  |   |  |                         | 2 - No                   | 613       | 17.7    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 208       | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 42        | .       |
| 217            | condomnoteasyrsn_a_sz | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003) Prevention Intervention: Why Is It Not Easy For You To Get A Condom? A - Condoms Not Available/Too Far | Not easy to get condom reason. A - Condoms Not Available/Too Far | Numeric                 | 1 - Yes                  | 131       | 23.1    |
|                |                       |  |   |  |                         | 2 - No                   | 436       | 76.9    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 36        | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 10        | .       |
| 218            | condomnoteasyrsn_b_sz | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003) Prevention Intervention: Why Is It Not Easy For You To Get A Condom? B - Not Convenient                | Not easy to get condom reason. B - Not Convenient                | Numeric                 | 1 - Yes                  | 147       | 25.9    |
|                |                       |  |   |  |                         | 2 - No                   | 420       | 74.1    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 36        | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 10        | .       |
| 219            | condomnoteasyrsn_d_sz | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003) Prevention Intervention: Why Is It Not Easy For You To Get A Condom? D - Embarrassed To Get Condoms    | Not easy to get condom reason. D - Embarrassed To Get Condoms    | Numeric                 | 1 - Yes                  | 207       | 36.5    |
|                |                       |  |   |  |                         | 2 - No                   | 360       | 63.5    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 36        | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 10        | .       |
| 220            | condomnoteasyrsn_e_sz | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003) Prevention Intervention: Why Is It Not Easy For You To Get A Condom? E - Do Not Want Others To Know    | Not easy to get condom reason. E - Do Not Want Others To Know    | Numeric                 | 1 - Yes                  | 84        | 14.8    |
|                |                       |  |   |  |                         | 2 - No                   | 483       | 85.2    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 36        | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 10        | .       |
| 221            | condomnoteasyrsn_x_sz | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003) Prevention Intervention: Why Is It Not Easy For You To Get A Condom? X - Other (Specify)               | Not easy to get condom reason. X - Other (Specify)               | Numeric                 | 1 - Yes                  | 68        | 12.0    |
|                |                       |  |   |  |                         | 2 - No                   | 499       | 88.0    |
|                |                       |  |   |  |                         | -8 - Don't Know          | 36        | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 10        | .       |
| 222            | condomnegotiate_sz    | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1003a) Prevention Intervention: How Confident Would You Feel To Negotiate Condom Use With A Sexual Partner?  | Condom negotiation confidence                                    | Numeric                 | 1 - High Confidence      | 2,347     | 69.6    |
|                |                       |  |   |  |                         | 2 - Moderate Confidence  | 549       | 16.3    |
|                |                       |  |   |  |                         | 3 - Slight Confidence    | 227       | 6.7     |
|                |                       |  |   |  |                         | 4 - No Confidence        | 250       | 7.4     |
|                |                       |  |   |  |                         | -8 - Don't Know          | 273       | .       |
|                |                       |  |   |  |                         | -9 - Refused             | 75        | .       |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category  | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------|--|--|---|-------------------------|--------------------------|-----------|---------|
| 223            | adtpsx        | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1004) Prevention Intervention: Have You Ever Talked With A Parent Or Guardian About Sex?  | Ever talked about sex with a parent or guardian       | Numeric                 | 1 - Yes                  | 1,179     | 31.8    |
|                |               |  |  |   |                         | 2 - No                   | 2,529     | 68.2    |
|                |               |  |  |   |                         | -8 - Don't Know          | 7         | .       |
|                |               |  |  |   |                         | -9 - Refused             | 6         | .       |
| 224            | addishiv      | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1005) Prevention Intervention: Have You Ever Discussed HIV With Your Parents Or Guardian?   | Ever discussed HIV with a parent or guardian          | Numeric                 | 1 - Yes                  | 1,460     | 39.3    |
|                |               |  |  |   |                         | 2 - No                   | 2,253     | 60.7    |
|                |               |  |  |   |                         | -8 - Don't Know          | 4         | .       |
|                |               |  |  |   |                         | -9 - Refused             | 4         | .       |
| 225            | adhivprev_a   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? A - Dreams             | Taken Prevention Intervention. A - Dreams             | Numeric                 | 1 - Yes                  | 82        | 2.2     |
|                |               |  |  |   |                         | 2 - No                   | 3,579     | 97.8    |
|                |               |  |  |   |                         | -8 - Don't Know          | 55        | .       |
|                |               |  |  |   |                         | -9 - Refused             | 5         | .       |
| 226            | adhivprev_b   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? B - Sitakhela Likusasa | Taken Prevention Intervention. B - Sitakhela Likusasa | Numeric                 | 1 - Yes                  | 49        | 1.3     |
|                |               |  |  |   |                         | 2 - No                   | 3,612     | 98.7    |
|                |               |  |  |   |                         | -8 - Don't Know          | 55        | .       |
|                |               |  |  |   |                         | -9 - Refused             | 5         | .       |
| 227            | adhivprev_c   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? C - Kwakha Indvodza    | Taken Prevention Intervention. C - Kwakha Indvodza    | Numeric                 | 1 - Yes                  | 103       | 2.8     |
|                |               |  |  |   |                         | 2 - No                   | 3,558     | 97.2    |
|                |               |  |  |   |                         | -8 - Don't Know          | 55        | .       |
|                |               |  |  |   |                         | -9 - Refused             | 5         | .       |
| 228            | adhivprev_d   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? D - Teen Clubs         | Taken Prevention Intervention. D - Teen Clubs         | Numeric                 | 1 - Yes                  | 158       | 4.3     |
|                |               |  |  |   |                         | 2 - No                   | 3,503     | 95.7    |
|                |               |  |  |   |                         | -8 - Don't Know          | 55        | .       |
|                |               |  |  |   |                         | -9 - Refused             | 5         | .       |
| 229            | adhivprev_e   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? E - Stepping Stones    | Taken Prevention Intervention. E - Stepping Stones    | Numeric                 | 1 - Yes                  | 33        | 0.9     |
|                |               |  |  |   |                         | 2 - No                   | 3,628     | 99.1    |
|                |               |  |  |   |                         | -8 - Don't Know          | 55        | .       |
|                |               |  |  |   |                         | -9 - Refused             | 5         | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name | Variable Category  | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels                           | Frequency | Percent |
|----------------|---------------|--|---|--|-------------------------|--|-----------|---------|
| 230            | adhivprev_w   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? W - None  | Taken Prevention Intervention. W - None                | Numeric                 | 1 - Yes  | 3,043     | 83.1    |
|                |               |  |   |  |                         | 2 - No   | 618       | 16.9    |
|                |               |  |   |  |                         | -8 - Don't Know                                    | 55        | .       |
|                |               |  |   |  |                         | -9 - Refused                                       | 5         | .       |
| 231            | adhivprev_x   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1006) Prevention Intervention: Have You Taken Part In Any Of The Following Prevention Or Treatment Programs? X - Other (Specify)   | Taken Prevention Intervention. X - Other (Specify)     | Numeric                 | 1 - Yes  | 232       | 6.3     |
|                |               |  |   |  |                         | 2 - No   | 3,429     | 93.7    |
|                |               |  |   |  |                         | -8 - Don't Know                                    | 55        | .       |
|                |               |  |   |  |                         | -9 - Refused                                       | 5         | .       |
| 232            | adhivschmtg   | Individual Questionnaire - Exposure to Prevention Intervention Among 15-24 Years | (1007) Prevention Intervention: In The Past 12 Months, How Many Times Have You Participated In A School Meeting Or Class Period Where They Talked About HIV/AIDS? If You Are Not Certain, Give Your Best Guess. | Times participated in a school meeting or class period | Numeric                 | 0 - None   | 2,372     | 64.7    |
|                |               |  |   |  |                         | 1 - 1-4 Times                                      | 888       | 24.2    |
|                |               |  |   |  |                         | 2 - 5-9 Times                                      | 106       | 2.9     |
|                |               |  |   |  |                         | 3 - 10 Or More Times                               | 70        | 1.9     |
|                |               |  |   |  |                         | 4 - Did Not Attend School In The Past 12 Months    | 230       | 6.3     |
|                |               |  |   |  |                         | -8 - Don't Know                                    | 45        | .       |
|                |               |  |   |  |                         | -9 - Refused                                       | 10        | .       |
| 233            | surveystyear  | Derived  | Interview start date (Year)   | Year of survey start                                   | Numeric                 | Mean:2021, range (2021-2021); no. missing values:0 | 12,043    | .       |
| 234            | surveystmonth | Derived  | Interview start date (Month)  | Month of survey start                                  | Numeric                 | Mean:8.7, range (5-11); no. missing values:0       | 12,043    | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name       | Variable Category | Question Text/<br>Variable Description | Variable Label                    | Variable Type and Width | Coding Values and Labels | Frequency | Percent |
|----------------|---------------------|-------------------|--|-----------------------------------|-------------------------|--------------------------|-----------|---------|
| 235            | agegroup            | Derived           | Age groups - 5-year groups             | Age groups - 5-year groups        | Numeric                 | 1 - 0-4 years            | .         | .       |
|                |                     |                   |  |                                   |                         | 2 - 5-9 years            | .         | .       |
|                |                     |                   |  |                                   |                         | 3 - 10-14 years          | .         | .       |
|                |                     |                   |  |                                   |                         | 4 - 15-19 years          | 2,011     | 16.7    |
|                |                     |                   |  |                                   |                         | 5 - 20-24 years          | 1,710     | 14.2    |
|                |                     |                   |  |                                   |                         | 6 - 25-29 years          | 1,507     | 12.5    |
|                |                     |                   |  |                                   |                         | 7 - 30-34 years          | 1,333     | 11.1    |
|                |                     |                   |  |                                   |                         | 8 - 35-39 years          | 1,212     | 10.1    |
|                |                     |                   |  |                                   |                         | 9 - 40-44 years          | 880       | 7.3     |
|                |                     |                   |  |                                   |                         | 10 - 45-49 years         | 720       | 6.0     |
|                |                     |                   |  |                                   |                         | 11 - 50-54 years         | 591       | 4.9     |
|                |                     |                   |  |                                   |                         | 12 - 55-59 years         | 568       | 4.7     |
|                |                     |                   |  |                                   |                         | 13 - 60-64 years         | 521       | 4.3     |
|                |                     |                   |  |                                   |                         | 14 - 65+                 | 990       | 8.2     |
| 236            | agegroup5population | Derived           | Age groups - for population pyramid    | Age groups for population pyramid | Numeric                 | 1 - 0-4 years            | .         | .       |
|                |                     |                   |  |                                   |                         | 2 - 5-9 years            | .         | .       |
|                |                     |                   |  |                                   |                         | 3 - 10-14 years          | .         | .       |
|                |                     |                   |  |                                   |                         | 4 - 15-19 years          | 2,011     | 16.7    |
|                |                     |                   |  |                                   |                         | 5 - 20-24 years          | 1,710     | 14.2    |
|                |                     |                   |  |                                   |                         | 6 - 25-29 years          | 1,507     | 12.5    |
|                |                     |                   |  |                                   |                         | 7 - 30-34 years          | 1,333     | 11.1    |
|                |                     |                   |  |                                   |                         | 8 - 35-39 years          | 1,212     | 10.1    |
|                |                     |                   |  |                                   |                         | 9 - 40-44 years          | 880       | 7.3     |
|                |                     |                   |  |                                   |                         | 10 - 45-49 years         | 720       | 6.0     |
|                |                     |                   |  |                                   |                         | 11 - 50-54 years         | 591       | 4.9     |
|                |                     |                   |  |                                   |                         | 12 - 55-59 years         | 568       | 4.7     |
|                |                     |                   |  |                                   |                         | 13 - 60-64 years         | 521       | 4.3     |
|                |                     |                   |  |                                   |                         | 14 - 65-69 years         | 348       | 2.9     |
|                |                     |                   |  |                                   |                         | 15 - 70-74 years         | 270       | 2.2     |
|                |                     |                   |  |                                   |                         | 16 - 75-79 years         | 176       | 1.5     |
|                |                     |                   |  |                                   |                         | 17 - 80 + years          | 196       | 1.6     |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name  | Variable Category | Question Text/<br>Variable Description   | Variable Label                        | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|----------------|-------------------|--|---------------------------------------|-------------------------|--|-----------|---------|
| 237            | agegroup10alt  | Derived           | Age groups - 10-year groups  | Age groups - 10-year groups           | Numeric                 | 1 - 0-14 years   | .         | .       |
|                |                |                   |  |                                       |                         | 2 - 15-24 years  | 3,721     | 30.9    |
|                |                |                   |  |                                       |                         | 3 - 25-34 years  | 2,840     | 23.6    |
|                |                |                   |  |                                       |                         | 4 - 35-44 years  | 2,092     | 17.4    |
|                |                |                   |  |                                       |                         | 5 - 45-54 years  | 1,311     | 10.9    |
|                |                |                   |  |                                       |                         | 6 - 55-64 years  | 1,089     | 9.0     |
|                |                |                   |  |                                       |                         | 7 - 65+ years  | 990       | 8.2     |
| 238            | age15_49       | Derived           | Respondent is 15-49 years old  | Respondent is 15-49 years old         | Numeric                 | 1 - Age 15-49  | 9,373     | 77.8    |
|                |                |                   |  |                                       |                         | 2 - Not age 15-49  | 2,670     | 22.2    |
| 239            | age15_up       | Derived           | Respondent is 15 years old or greater  | Respondent is 15 years old or greater | Numeric                 | 1 - Age 15+  | 12,043    | 100.0   |
|                |                |                   |  |                                       |                         | 2 - Not age 15+  | .         | .       |
| 240            | age15_24       | Derived           | Respondent is 15-24 years old  | Respondent is 15-24 years old         | Numeric                 | 1 - Age 15-24  | 3,721     | 30.9    |
|                |                |                   |  |                                       |                         | 2 - Not age 15-24  | 8,322     | 69.1    |
| 241            | age50_up       | Derived           | Respondent is 50 years old or greater  | Respondent is 50 years old or greater | Numeric                 | 1 - Age 50+  | 2,670     | 22.2    |
|                |                |                   |  |                                       |                         | 2 - Not age 50+  | 9,373     | 77.8    |
| 242            | hivstatusfinal | Derived           | Final HIV status determination after data cleaning and QC; can be missing because respondent did not have blood drawn, problems with the sample, or other issues | Final HIV status determination        | Numeric                 | 1 - HIV Positive   | 2,898     | 25.9    |
|                |                |                   |  |                                       |                         | 2 - HIV Negative   | 8,301     | 74.1    |
|                |                |                   |  |                                       |                         | 99 - Missing   | 844       | .       |
| 243            | knownhivstatus | Derived           | Respondent knew their HIV status   | Respondent knew their HIV status      | Numeric                 | 1 - Stated HIV Positive  | 2,810     | 23.6    |
|                |                |                   |  |                                       |                         | 2 - Stated HIV Negative  | 8,117     | 68.2    |
|                |                |                   |  |                                       |                         | 3 - Never Tested   | 980       | 8.2     |
|                |                |                   |  |                                       |                         | 99 - Don't Know/Refused/Unknown/Indeterminate/Results Not Received | 136       | .       |
| 244            | married        | Derived           | Marital status; standard across all PHIA surveys   | Marital status                        | Numeric                 | 1 - Never married  | 6,003     | 50.2    |
|                |                |                   |  |                                       |                         | 2 - Married or living together                                     | 4,331     | 36.2    |
|                |                |                   |  |                                       |                         | 3 - Divorced or separated  | 652       | 5.5     |
|                |                |                   |  |                                       |                         | 4 - Widowed  | 983       | 8.2     |
|                |                |                   |  |                                       |                         | 99 - Missing   | 74        | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name   | Variable Category | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                        | Frequency | Percent |
|----------------|-----------------|-------------------|--|--|-------------------------|---|-----------|---------|
| 245            | education       | Derived           | Highest level of school respondent ever attended; standard across all PHIA surveys   | Highest level of school respondent ever attended         | Numeric                 | 1 - No education                                | 873       | 7.3     |
|                |                 |                   |  |  |                         | 2 - Primary                                     | 2,881     | 24.0    |
|                |                 |                   |  |  |                         | 3 - Secondary                                   | 6,788     | 56.4    |
|                |                 |                   |  |  |                         | 4 - More than secondary                         | 1,485     | 12.4    |
|                |                 |                   |  |  |                         | 99 - Missing                                    | 16        | .       |
| 246            | wealthscorecont | Derived           | Wealth index score; usually between -4 and +4  | Wealth index scores                                      | Numeric                 | Mean:-0.1, range (-2.2-3); no. missing values:1 | 12,042    | .       |
| 247            | wealthquintile  | Derived           | Wealth quintile; calculated from wealthscorecount; calculation varies by country; not recommended for use in pooled analyses | Wealth quintile  | Numeric                 | 1 - Lowest                                      | 2,808     | 23.3    |
|                |                 |                   |  |  |                         | 2 - Second                                      | 3,091     | 25.7    |
|                |                 |                   |  |  |                         | 3 - Middle                                      | 2,493     | 20.7    |
|                |                 |                   |  |  |                         | 4 - Fourth                                      | 1,850     | 15.4    |
|                |                 |                   |  |  |                         | 5 - Highest                                     | 1,800     | 15.0    |
|                |                 |                   |  |  |                         | 99 - Missing                                    | .         | .       |
| 248            | uniontype       | Derived           | Union type; missing for respondents who have never been in a union   | Union type   | Numeric                 | 1 - In polygynous union                         | 390       | 3.4     |
|                |                 |                   |  |  |                         | 2 - Not in polygynous union                     | 3,628     | 31.1    |
|                |                 |                   |  |  |                         | 3 - Not currently in union                      | 7,638     | 65.5    |
|                |                 |                   |  |  |                         | 99 - Do not know/missing                        | 387       | .       |
| 249            | pregnancystatus | Derived           | Pregnancy status   | Pregnancy status   | Numeric                 | 1 - Currently pregnant                          | 283       | 4.1     |
|                |                 |                   |  |  |                         | 2 - Not currently pregnant                      | 6,591     | 95.9    |
|                |                 |                   |  |  |                         | 99 - Missing                                    | 5,169     | .       |
| 250            | evertested      | Derived           | Respondent has ever been tested for HIV  | Respondent has ever been tested for HIV                  | Numeric                 | 1 - Ever tested for HIV                         | 11,015    | 91.8    |
|                |                 |                   |  |  |                         | 2 - Never tested for HIV                        | 981       | 8.2     |
|                |                 |                   |  |  |                         | 99 - Missing                                    | 47        | .       |
| 251            | tested12months  | Derived           | Respondent has been tested for HIV in the past 12 months   | Respondent has been tested for HIV in the past 12 months | Numeric                 | 1 - Tested for HIV in past 12 months            | 5,719     | 49.8    |
|                |                 |                   |  |  |                         | 2 - Not tested for HIV in the past 12 months    | 4,782     | 41.7    |
|                |                 |                   |  |  |                         | 3 - Not applicable, never tested for HIV        | 981       | 8.5     |
|                |                 |                   |  |  |                         | 99 - Missing                                    | 561       | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name            | Variable Category | Question Text/<br>Variable Description                          | Variable Label  | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|--------------------------|-------------------|---|---|-------------------------|--|-----------|---------|
| 252            | initiatedartselfreported | Derived           | Respondent self-reports ever initiating ART                     | Respondent self-reports ever initiating ART                     | Numeric                 | 1 - Self-report as ever initiating ART   | 2,748     | 97.9    |
|                |                          |                   |   |   |                         | 2 - Self-report as never initiating ART  | 60        | 2.1     |
|                |                          |                   |   |   |                         | 99 - Missing   | 9,235     | .       |
| 253            | monthoutyear             | Derived           | Time lived away from home                                       | Time lived away from home                                       | Numeric                 | 1 - Lived away from home for more than one month at a time in the past year        | 1,276     | 11.7    |
|                |                          |                   |   |   |                         | 2 - Did not live away from home for more than one month at a time in the past year | 9,654     | 88.3    |
|                |                          |                   |   |   |                         | 99 - Missing   | 1,113     | .       |
| 254            | arvinterralt             | Derived           | Treatment interrupted   | Treatment interrupted   | Numeric                 | 1 - Yes  | 23        | 10.4    |
|                |                          |                   |   |   |                         | 2 - No   | 193       | 86.9    |
|                |                          |                   |   |   |                         | 3 - Never on ART   | 6         | 2.7     |
|                |                          |                   |   |   |                         | 99 - Missing   | 11,821    | .       |
| 255            | arvswitchalt             | Derived           | Was ART changed   | Was ART changed   | Numeric                 | 1 - Yes  | 1,661     | 60.6    |
|                |                          |                   |   |   |                         | 2 - No   | 1,018     | 37.2    |
|                |                          |                   |   |   |                         | 3 - Never on ART   | 60        | 2.2     |
|                |                          |                   |   |   |                         | 99 - Missing   | 9,304     | .       |
| 256            | arvlocalt_sz             | Derived           | How normally receive ART  | How normally receive ART  | Numeric                 | 1 - Pick up at local clinic  | 1,608     | 58.8    |
|                |                          |                   |   |   |                         | 2 - Pick up at hospital  | 1,001     | 36.6    |
|                |                          |                   |   |   |                         | 3 - From the community support group/adherence club                                | 27        | 1.0     |
|                |                          |                   |   |   |                         | 4 - Delivery   | 75        | 2.7     |
|                |                          |                   |   |   |                         | 7 - Not currently on ART   | 26        | 1.0     |
|                |                          |                   |   |   |                         | 99 - Missing   | 9,298     | .       |
| 257            | phq2littleint            | Derived           | Contribution of the little interest question to the PHQ-2 score | Contribution of the little interest question to the PHQ-2 score | Numeric                 | Mean:0.2, range (0-3); no. missing values:83                                       | 11,960    | .       |
| 258            | phq2depressed            | Derived           | Contribution of the depressed question to the PHQ-2 score       | Contribution of the depressed question to the PHQ-2 score       | Numeric                 | Mean:0.2, range (0-3); no. missing values:93                                       | 11,950    | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name        | Variable Category | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels                      | Frequency | Percent |
|----------------|----------------------|-------------------|---|---|-------------------------|---|-----------|---------|
| 259            | phq2score            | Derived           | PHQ-2 score   | PHQ-2 score   | Numeric                 | Mean:0.4, range (0-6); no. missing values:126 | 11,917    | .       |
| 260            | phq2scoreoverthree   | Derived           | PHQ-2 score greater than three  | Indicator for PHQ-2 score greater than three                  | Numeric                 | 1 - PHQ-2 score over 3                        | 175       | 1.5     |
|                |                      |                   |   |   |                         | 2 - PHQ-2 score of 3 or less                  | 11,742    | 98.5    |
| 261            | gad2anxiety          | Derived           | Contribution of the anxiety question to the GAD -2 score  | Contribution of the anxiety question to the GAD-2 score       | Numeric                 | Mean:0.2, range (0-3); no. missing values:95  | 11,948    | .       |
| 262            | gad2worry            | Derived           | Contribution of the worry question to the GAD -2 score  | Contribution of the worry question to the GAD-2 score         | Numeric                 | Mean:0.2, range (0-3); no. missing values:124 | 11,919    | .       |
| 263            | gad2score            | Derived           | GAD -2 score  | GAD-2 score   | Numeric                 | Mean:0.4, range (0-6); no. missing values:155 | 11,888    | .       |
| 264            | gad2scoreoverthree   | Derived           | Indicator for GAD-2 score greater than three  | Indicator for GAD-2 score greater than three                  | Numeric                 | 1 - GAD-2 score over 3                        | 168       | 1.4     |
|                |                      |                   |   |   |                         | 2 - GAD-2 score of 3 or less                  | 11,720    | 98.6    |
| 265            | adherent95p          | Derived           | Self-reported adherence status at 95% threshold; based on self-reported number of pill days missed; responses over 31 considered out of range | Self-reported adherence status at 95% threshold               | Numeric                 | 1 - Missed 0 or 1 days                        | 2,357     | 87.4    |
|                |                      |                   |   |   |                         | 2 - Missed 2 or more days                     | 339       | 12.6    |
|                |                      |                   |   |   |                         | 99 - Missing or out of range                  | 9,347     | .       |
| 266            | artinitiated12months | Derived           | Respondent self-reported they initiated ART in past 12 months   | Respondent self-reported they initiated ART in past 12 months | Numeric                 | 1 - Initiated ART in the past 12 months       | 178       | 6.9     |
|                |                      |                   |   |   |                         | 2 - Initiated ART more than 12 months ago     | 2,416     | 93.1    |
|                |                      |                   |   |   |                         | 99 - Missing                                  | 9,449     | .       |
| 267            | yearsonart           | Derived           | Respondent self-report number of years since initiating ART   | Number of years since initiating ART                          | Numeric                 | 1 - Less than 1 year                          | 190       | 7.1     |
|                |                      |                   |   |   |                         | 2 - 1 to less than 5 years                    | 699       | 26.2    |
|                |                      |                   |   |   |                         | 3 - 5 to less than 10 years                   | 870       | 32.7    |
|                |                      |                   |   |   |                         | 4 - 10 years or more                          | 906       | 34.0    |
| 268            | delivered12months    | Derived           | Respondent is a mother who has given birth in the 12 months preceding survey start date   | Has given birth in 12 months preceding survey start date      | Numeric                 | 1 - Delivered in the past 12 months           | 531       | 10.1    |
|                |                      |                   |   |   |                         | 2 - Did not deliver in the past 12 months     | 4,713     | 89.9    |
|                |                      |                   |   |   |                         | 99 - Missing (non-mother)                     | 6,799     | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name          | Variable Category | Question Text/<br>Variable Description         | Variable Label                                 | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|------------------------|-------------------|--|--|-------------------------|--|-----------|---------|
| 269            | testedpregawaredetail  | Derived           | Self-reported tested for HIV during pregnancy  | Self-reported tested for HIV during pregnancy  | Numeric                 | 1 - Tested HIV positive during pregnancy   | 51        | 3.5     |
|                |                        |                   |  |  |                         | 2 - Tested HIV negative during pregnancy   | 950       | 65.6    |
|                |                        |                   |  |  |                         | 3 - Already knew they were HIV positive before pregnancy                                   | 343       | 23.7    |
|                |                        |                   |  |  |                         | 4 - Tested for HIV during pregnancy but did not receive positive or negative result        | 5         | 0.4     |
|                |                        |                   |  |  |                         | 5 - Did not test during pregnancy and did not know they were HIV positive before pregnancy | 100       | 6.9     |
|                |                        |                   |  |  |                         | 99 - Missing   | 10,594    | .       |
| 270            | arvspregnancydetail    | Derived           | Self-reported ARV status during pregnancy      | Self-reported ARV status during pregnancy      | Numeric                 | 1 - Mom already taking ARVs at first antenatal visit                                       | 309       | 78.4    |
|                |                        |                   |  |  |                         | 2 - Mom newly initiated on ARVs during pregnancy or labor                                  | 78        | 19.8    |
|                |                        |                   |  |  |                         | 3 - Mom did not take ARVs during pregnancy or labor  | 7         | 1.8     |
|                |                        |                   |  |  |                         | 99 - Missing   | 11,649    | .       |
| 271            | hivstatuslastpregnancy | Derived           | Self-reported HIV status during last pregnancy | Self-reported HIV status during last pregnancy | Numeric                 | 1 - Self-reported positive during last pregnancy or labor and delivery                     | 394       | 27.9    |
|                |                        |                   |  |  |                         | 2 - Self-reported HIV negative during last pregnancy or labor and delivery                 | 1,018     | 72.1    |
|                |                        |                   |  |  |                         | 99 - Missing   | 10,631    | .       |



### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name             | Variable Category | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|---------------------------|-------------------|--|--|-------------------------|--|-----------|---------|
| 272            | lastborntestedbirthdetail | Derived           | Timing of last-born child's first HIV test   | Timing of last-born child's first HIV test             | Numeric                 | 1 - Last born child had an HIV test done within two months of birth                                    | 483       | 34.9    |
|                |                           |                   |  |  |                         | 2 - Last born child had an HIV test done more than two months but less than 12 months after being born | 146       | 10.6    |
|                |                           |                   |  |  |                         | 3 - Last born child had an HIV test done more than 12 months after being born                          | 85        | 6.1     |
|                |                           |                   |  |  |                         | 4 - Last born child had an HIV test done, but the date of the test is unknown                          | 33        | 2.4     |
|                |                           |                   |  |  |                         | 5 - Last born child did not have an HIV test done  | 637       | 46.0    |
|                |                           |                   |  |  |                         | 99 - Missing   | 10,659    | .       |
| 273            | lastbornhivstatus         | Derived           | Result of last-born child's first HIV test   | Result of last-born child's first HIV test             | Numeric                 | 1 - Result of last-born child's first virologic HIV test was positive                                  | 10        | 1.3     |
|                |                           |                   |  |  |                         | 2 - Result of last-born child's first virologic HIV test was negative                                  | 710       | 95.2    |
|                |                           |                   |  |  |                         | 3 - Don't know or other result of last-born child's first virologic HIV test                           | 26        | 3.5     |
|                |                           |                   |  |  |                         | 99 - Missing   | 11,297    | .       |
| 274            | delivered3years           | Derived           | Respondent is a mother who has given birth 3 years preceding the survey start date | Has given birth in 3 years preceding survey start date | Numeric                 | 1 - Gave birth 3 years preceding survey  | 1,227     | 23.4    |
|                |                           |                   |  |  |                         | 2 - Did not give birth 3 years preceding survey  | 4,016     | 76.6    |
|                |                           |                   |  |  |                         | 99 - Missing (non-mother)  | 6,800     | .       |
| 275            | breastfedlastchild        | Derived           | Mother's current and past breast-feeding status                                    | Mother's current and past breast-feeding status        | Numeric                 | 1 - Never breastfed last child   | 117       | 2.2     |
|                |                           |                   |  |  |                         | 2 - Previously breastfed last child  | 762       | 14.4    |
|                |                           |                   |  |  |                         | 3 - Currently breastfeeding last child   | 572       | 10.8    |
|                |                           |                   |  |  |                         | 4 - Mother, missing data on breastfeeding status of last child   | 3,840     | 72.6    |
|                |                           |                   |  |  |                         | 99 - Missing (non-mother)  | 6,752     | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name           | Variable Category | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|-------------------------|-------------------|---|--|-------------------------|--|-----------|---------|
| 276            | agegroupmonthslastchild | Derived           | Months since birth of last child  | Months since birth of last child   | Numeric                 | 1 - 0-1 months   | 99        | 6.9     |
|                |                         |                   |   |  |                         | 2 - 2-3 months   | 100       | 7.0     |
|                |                         |                   |   |  |                         | 3 - 4-5 months   | 82        | 5.8     |
|                |                         |                   |   |  |                         | 4 - 6-8 months   | 133       | 9.3     |
|                |                         |                   |   |  |                         | 5 - 9-11 months  | 116       | 8.1     |
|                |                         |                   |   |  |                         | 6 - 12-17 months   | 197       | 13.8    |
|                |                         |                   |   |  |                         | 7 - 18-23 months   | 183       | 12.8    |
|                |                         |                   |   |  |                         | 8 - 24 + months  | 516       | 36.2    |
|                |                         |                   |   |  |                         | 99 - Missing   | 10,617    | .       |
| 277            | anclastchild            | Derived           | Mother who gave birth 3 years preceding survey received antenatal care during last pregnancy  | Mother who gave birth 3 years preceding survey received antenatal care during last pregnancy | Numeric                 | 1 - Received antenatal care during last pregnancy                | 1,202     | 98.0    |
|                |                         |                   |   |  |                         | 2 - Did not receive antenatal care during last pregnancy         | 25        | 2.0     |
|                |                         |                   |   |  |                         | 3 - Mother, missing data on antenatal care during last pregnancy | .         | .       |
|                |                         |                   |   |  |                         | 99 - Missing (non-mother)  | 10,816    | .       |
| 278            | everpregnant            | Derived           | Ever pregnant, coded from liveb   | Ever pregnant, coded from liveb  | Numeric                 | 1 - Yes  | 5,374     | 77.6    |
|                |                         |                   |   |  |                         | 2 - No   | 1,553     | 22.4    |
|                |                         |                   |   |  |                         | 99 - Missing   | 5,116     | .       |
| 279            | sexever                 | Derived           | Respondent has ever had sexual intercourse, coded from number of sexual partners in the past 12 months (part12monum), lifetime number of sexual partners (lifetimesex), age at first sex (firstSxAge), number of live births (liveb), and current pregnancy status (pregnant) | Respondent has ever had sexual intercourse   | Numeric                 | 1 - Ever had sexual intercourse                                  | 10,287    | 86.9    |
|                |                         |                   |   |  |                         | 2 - Never had sexual intercourse                                 | 1,548     | 13.1    |
|                |                         |                   |   |  |                         | 99 - Missing   | 208       | .       |
| 280            | sex12months             | Derived           | Respondent had sexual intercourse in the past 12 months   | Had sexual intercourse in the past 12 months   | Numeric                 | 1 - Had sexual intercourse in the past 12 months                 | 7,770     | 79.3    |
|                |                         |                   |   |  |                         | 2 - Did not have sexual intercourse in the past 12 months        | 2,033     | 20.7    |
|                |                         |                   |   |  |                         | 99 - Missing   | 2,240     | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name         | Variable Category | Question Text/<br>Variable Description                       | Variable Label   | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-----------------------|-------------------|--|--|-------------------------|---|-----------|---------|
| 281            | firstsexbefore15      | Derived           | Respondent had first sex before age 15                       | Respondent had first sex before age 15                     | Numeric                 | 1 - Had first sex before age 15   | 364       | 3.3     |
|                |                       |                   |  |  |                         | 2 - Did not have first sex before age 15                                | 10,710    | 96.7    |
|                |                       |                   |  |  |                         | 99 - Missing  | 969       | .       |
| 282            | agegroupfirstsexalt   | Derived           | Age groups - age at first sex                                | Age groups - age at first sex                              | Numeric                 | 1 - 0-14  | 364       | 3.8     |
|                |                       |                   |  |  |                         | 2 - 15-19   | 5,805     | 60.9    |
|                |                       |                   |  |  |                         | 3 - 20-24   | 2,536     | 26.6    |
|                |                       |                   |  |  |                         | 4 - 25+   | 821       | 8.6     |
|                |                       |                   |  |  |                         | 99 - Missing  | 2,517     | .       |
| 283            | sexpartnersever       | Derived           | Number of sex partners in lifetime                           | Number of sex partners in lifetime                         | Numeric                 | 0 - No sexual partners ever   | 1,548     | 14.3    |
|                |                       |                   |  |  |                         | 1 - One sexual partner ever   | 2,570     | 23.7    |
|                |                       |                   |  |  |                         | 2 - Two or more sexual partners ever                                    | 6,729     | 62.0    |
|                |                       |                   |  |  |                         | 99 - Missing  | 1,196     | .       |
| 284            | sexpartners12months   | Derived           | Number of sexual partners in the past 12 months              | Number of sexual partners in the past 12 months            | Numeric                 | 0 - No sexual partners in the past 12 months                            | 2,033     | 20.9    |
|                |                       |                   |  |  |                         | 1 - One sexual partner in the past 12 months                            | 6,460     | 66.5    |
|                |                       |                   |  |  |                         | 2 - Two or more sexual partners in the past 12 months                   | 1,223     | 12.6    |
|                |                       |                   |  |  |                         | 99 - Missing  | 2,327     | .       |
| 285            | condomlastsex12months | Derived           | Used a condom at last sexual encounter in the past 12 months | Used condom at last sexual encounter in the past 12 months | Numeric                 | 1 - Used condom at last sexual intercourse in the past 12 months        | 3,861     | 40.0    |
|                |                       |                   |  |  |                         | 2 - Did not use condom at last sexual intercourse in the past 12 months | 3,759     | 38.9    |
|                |                       |                   |  |  |                         | 3 - No sexual intercourse in the past 12 months                         | 2,033     | 21.1    |
|                |                       |                   |  |  |                         | 99 - Missing  | 2,390     | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name            | Variable Category | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|--------------------------|-------------------|---|--|-------------------------|--|-----------|---------|
| 286            | allpartpouselivein12mo   | Derived           | All partners in the past 12 months were a spouse or live-in partner   | All partners in the past 12 months were a spouse or live-in partner                      | Numeric                 | 1 - All partners in the past 12 months were a spouse or live-in partner  | 3,630     | 47.3    |
|                |                          |                   |   |  |                         | 2 - At least one partner in the past 12 months was a non-marital non-cohabitating partner                                    | 4,046     | 52.7    |
|                |                          |                   |   |  |                         | 99 - Missing   | 4,367     | .       |
| 287            | condomlastnonmarital12mo | Derived           | Used condom at last sexual intercourse with their last non-martial non-cohabitating partner in the past 12 months | Used condom at last sex with last non-marital non-cohabitating partner in past 12 months | Numeric                 | 1 - Used condom at last sexual intercourse with their last non-martial non-cohabitating partner in the past 12 months        | 2,514     | 62.8    |
|                |                          |                   |   |  |                         | 2 - Did not use condom at last sexual intercourse with their last non-martial non-cohabitating partner in the past 12 months | 1,488     | 37.2    |
|                |                          |                   |   |  |                         | 99 - Missing   | 8,041     | .       |
| 288            | mcdetail                 | Derived           | Circumcision status   | Circumcision status  | Numeric                 | 1 - Medical  | 2,093     | 41.4    |
|                |                          |                   |   |  |                         | 2 - Non-medical  | 72        | 1.4     |
|                |                          |                   |   |  |                         | 3 - Uncircumcised  | 2,886     | 57.1    |
|                |                          |                   |   |  |                         | 4 - Circumcised but provider unknown   | .         | .       |
|                |                          |                   |   |  |                         | 5 - Unknown if circumcised   | 7         | 0.1     |
|                |                          |                   |   |  |                         | 99 - Missing, including women  | 6,985     | .       |
| 289            | cervcnabnormal           | Derived           | Cervical cancer screening result  | Cervical cancer screening result   | Numeric                 | 1 - Abnormal, including suspect cancer   | 89        | 4.2     |
|                |                          |                   |   |  |                         | 2 - Normal   | 2,049     | 95.8    |
|                |                          |                   |   |  |                         | 99 - Missing, including Inconclusive, did not receive results, and males   | 9,905     | .       |
| 290            | tbsympassessany          | Derived           | At last HIV medical care visit, asked if had TB symptoms  | At last HIV medical care visit, asked if had TB symptoms                                 | Numeric                 | 1 - Screened for any TB symptoms   | 2,109     | 75.8    |
|                |                          |                   |   |  |                         | 2 - Not screened   | 675       | 24.3    |
|                |                          |                   |   |  |                         | 99 - Missing   | 9,259     | .       |

### ***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name     | Variable Category   | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-------------------|---|--|--|-------------------------|---|-----------|---------|
| 291            | arvamt            | Individual Questionnaire - HIV Status, Care And Treatment | (715) HIV Status, Care And Treatment: The Last Time You Picked Up Or Received Your Arvs, How Much Supply Were You Given? : Number of Months Of Supply (top coded at 6) | Number of months given ARVs (top coded at 6)             | Numeric                 | 1 - 0 or 1 month  | 191       | 7.1     |
|                |                   |   |  |  |                         | 2 - 2 months  | 182       | 6.7     |
|                |                   |   |  |  |                         | 3 - 3 months  | 1,566     | 58.0    |
|                |                   |   |  |  |                         | 5 - 4 or 5 months   | 14        | 0.5     |
|                |                   |   |  |  |                         | 6 - 6 or more months  | 722       | 26.7    |
| 292            | chtsthivagem1     | Individual Questionnaire - Reproduction_ children         | (326) Reproduction: How Old Was [childname] When He/She Last Tested For HIV? (Months) (top coded at 24)  | Age when first tested for HIV (months) (top coded at 24) | Numeric                 | Mean:3.6, range (0-24); no. missing values:11,314                         | 710       | .       |
|                |                   |   |  |  |                         | -8 - Don't Know   | 17        | .       |
|                |                   |   |  |  |                         | -9 - Refused  | 2         | .       |
| 293            | chtsthivagelastm1 | Individual Questionnaire - Reproduction_ children         | (326) Reproduction: How Old Was [childname] When He/She Last Tested For HIV? (Months) (top coded at 24)  | Age when last tested for HIV (months) (top coded at 24)  | Numeric                 | Mean:6.1, range (-5-24); no. missing values:11,316                        | 714       | .       |
|                |                   |   |  |  |                         | -5 - Child Only Tested Once For Hiv (First Test Is The Same As Last Test) | .         | .       |
|                |                   |   |  |  |                         | -8 - Don't Know   | 11        | .       |
|                |                   |   |  |  |                         | -9 - Refused  | 2         | .       |
| 294            | livetimey         | Individual Questionnaire - Respondent Background          | (104) Background: How Long Have You Lived In This Area Or Community? (Years) (top coded at 71)   | Years lived in this area or community (top coded at 71)  | Numeric                 | Mean:18.4, range (0-71); no. missing values:25                            | 10,358    | .       |
|                |                   |   |  |  |                         | -5 - I Have Always Lived Here   | .         | .       |
|                |                   |   |  |  |                         | -8 - Don't Know   | 38        | .       |
|                |                   |   |  |  |                         | -9 - Refused  | 5         | .       |
| 295            | intwt0            | Weighting Variable  | Individual Final Weight - full sample  | Individual final weight - full sample                    | Numeric                 | Mean:61.9, range (13.2-273.2); no. missing values:0                       | 12,043    | .       |
| 296            | varstrat          | Weighting Variable  | Variance stratum for Taylor Series variance estimation   | Variance stratum for Taylor Series variance estimation   | Numeric                 | Mean:49.2, range (1-98); no. missing values:0                             | 11,823    | .       |

***SHIMS3 2021 Adult Individual Dataset***

| Variable Order | Variable Name     | Variable Category  | Question Text/<br>Variable Description              | Variable Label                                      | Variable Type<br>and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-------------------|--------------------|---|---|----------------------------|---|-----------|---------|
| 297            | varunit           | Weighting Variable | Variance unit for Taylor Series variance estimation | Variance unit for Taylor Series variance estimation | Numeric                    | 1 - Variance Unit within VARSTRAT for Taylor Series Replicates is 1 | 5,989     | 49.7    |
|                |                   |                    |   |   |                            | 2 - Variance Unit within VARSTRAT for Taylor Series Replicates is 2 | 5,859     | 48.7    |
|                |                   |                    |   |   |                            | 3 - Variance Unit within VARSTRAT for Taylor Series Replicates is 3 | 195       | 1.6     |
| 298            | intwt001-intwt098 | Weighting Variable | Individual Final Replicate Weight 1-98              | Individual final replicate weight                   | Numeric                    | 0, Positive real numbers - 0, Positive real numbers                 | .         | .       |

### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name | Variable Category | Question Text/<br>Variable Description   | Variable Label                                    | Variable Type and Width | Coding Values and Labels                                   | Frequency | Percent |
|----------------|---------------|-------------------|--|---|-------------------------|--|-----------|---------|
| 1              | country       | ID Variable       | Country Name   | Country Name                                      | Text (20)               | Eswatini   | 11,199    | 100.0   |
| 2              | year          | ID Variable       | Survey Year  | Survey Year                                       | Numeric                 | 2021   | 11,199    | 100.0   |
| 3              | householdid   | ID Variable       | Household ID   | Household ID                                      | Text (14)               | (character variable); no. missing values:0                 | 11,199    | 100.0   |
| 4              | personid      | ID Variable       | Person ID  | Person ID   | Text (16)               | (character variable); no. missing values:0                 | 11,199    | 100.0   |
| 5              | centroidid    | ID Variable       | EA Centroid ID   | EA Centroid ID                                    | Text (9)                | (character variable); no. missing values:0                 | 11,199    | 100.0   |
| 6              | bt_status     | Response Variable | Biomarker disposition code   | Biomarker disposition code                        | Numeric                 | 1 - Lab blood test has a definite result                   | 11,199    | 100.0   |
|                |               |                   |  |   |                         | 2 - Lab blood test does not a definite result              | .         | .       |
| 7              | region        | ID Variable       | Region   | Region  | Numeric                 | 1 - Hhohho   | 2,934     | 26.2    |
|                |               |                   |  |   |                         | 2 - Lubombo  | 2,382     | 21.3    |
|                |               |                   |  |   |                         | 3 - Manzini  | 3,683     | 32.9    |
|                |               |                   |  |   |                         | 4 - Shiselweni   | 2,200     | 19.6    |
| 8              | age           | Derived           | Combined age in years, giving preference to age collected in the individual questionnaire (age from household roster if individual questionnaire age is blank); top-coded at 80 for confidentiality purposes | Age in years (top coded at 80)                    | Numeric                 | Mean:36.3, range (15-80); no. missing values:0             | 11,199    | .       |
| 9              | gender        | Derived           | Gender, giving preference to the gender collected in the adult questionnaire; self-reported  | Gender  | Numeric                 | 1 - Male   | 4,654     | 41.6    |
|                |               |                   |  |   |                         | 2 - Female   | 6,545     | 58.4    |
| 10             | resultvlc     | Biomarker         | Viral Load: result of viral load test (character)  | Viral load: result of viral load test (character) | Text (11)               | (numeric as character)<br>Mean:29715.6, range (20-2488235) | 838       | 29.1    |
|                |               |                   |  |   |                         | < LLOQ: 20   | 542       | 18.8    |
|                |               |                   |  |   |                         | < LLOQ: 40   | 30        | 1.0     |
|                |               |                   |  |   |                         | < LLOQ: 400  | 10        | 0.4     |
|                |               |                   |  |   |                         | TND  | 1,465     | 50.8    |
|                |               |                   |  |   |                         | (missing)  | 8,314     | .       |

### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name  | Variable Category | Question Text/<br>Variable Description   | Variable Label   | Variable Type and Width | Coding Values and Labels                                | Frequency | Percent |
|----------------|----------------|-------------------|--|--|-------------------------|---|-----------|---------|
| 11             | cd4count       | Biomarker         | CD4 count: instrument reading preferred over ODK transcription                 | CD4 count: instrument reading preferred over CSPro transcription               | Numeric                 | Mean:644.4, range (5-2904);<br>no. missing values:8,306 | 2,891     | .       |
| 12             | lagodnfinal    | Biomarker         | LAG: ODN, final  | LAG: ODN, final  | Numeric                 | Mean:2.7, range (0.1-6.4);<br>no. missing values:8,318  | 2,881     | .       |
| 13             | plaordbs       | Biomarker         | Type of sample used for LAg testing (PLA or DBS)                               | Type of sample used for LAg testing (PLA or DBS)                               | Text (3)                | DBS   | 154       | 5.3     |
|                |                |                   |  |  |                         | PLA   | 2,731     | 94.7    |
| 14             | recentlagvlarv | Derived           | LAG: recent/long term infection, final, code; considers laboratory ARV results | LAG: recent/long term infection, final, code; considers laboratory ARV results | Numeric                 | 1 - Positive: recent                                    | 16        | 0.6     |
|                |                |                   |  |  |                         | 2 - Positive: long term                                 | 2,867     | 99.5    |
|                |                |                   |  |  |                         | 99 - Missing/Not applicable                             | 8,316     | .       |
| 15             | recentlagvl    | Derived           | LAG: recent/long term infection, final, code                                   | LAG: recent/long term infection, final code                                    | Numeric                 | 1 - Positive: recent                                    | 19        | 0.7     |
|                |                |                   |  |  |                         | 2 - Positive: long term                                 | 2,864     | 99.3    |
|                |                |                   |  |  |                         | 99 - Missing/Not applicable                             | 8,316     | .       |
| 16             | arvatv         | Biomarker         | Results of test for Atazanavir in blood  | Results of test for Atazanavir in blood  | Numeric                 | 1 - Yes   | 3         | 0.1     |
|                |                |                   |  |  |                         | 2 - No  | 2,879     | 99.9    |
|                |                |                   |  |  |                         | 99 - Missing or Not Tested                              | 8,317     | .       |
| 17             | arvefv         | Biomarker         | Results of test for Efavirenz in blood   | Results of test for Efavirenz in blood   | Numeric                 | 1 - Yes   | 302       | 10.5    |
|                |                |                   |  |  |                         | 2 - No  | 2,580     | 89.5    |
|                |                |                   |  |  |                         | 99 - Missing or Not Tested                              | 8,317     | .       |
| 18             | arvlpv         | Biomarker         | Results of test for Lopinavir in blood   | Results of test for Lopinavir in blood   | Numeric                 | 1 - Yes   | 1         | 0.0     |
|                |                |                   |  |  |                         | 2 - No  | 2,881     | 100.0   |
|                |                |                   |  |  |                         | 99 - Missing or Not Tested                              | 8,317     | .       |
| 19             | arvdtg         | Biomarker         | Results of test for Dolutegravir in blood                                      | Results of test for Dolutegravir in blood                                      | Numeric                 | 1 - Yes   | 2,312     | 80.2    |
|                |                |                   |  |  |                         | 2 - No  | 570       | 19.8    |
|                |                |                   |  |  |                         | 99 - Missing or Not Tested                              | 8,317     | .       |
| 20             | arvnvp         | Biomarker         | Results of test for Nevirapine in blood  | Results of test for Nevirapine in blood  | Numeric                 | 1 - Yes   | 16        | 0.6     |
|                |                |                   |  |  |                         | 2 - No  | 2,866     | 99.4    |
|                |                |                   |  |  |                         | 99 - Missing or Not Tested                              | 8,317     | .       |



### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name  | Variable Category | Question Text/<br>Variable Description   | Variable Label  | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|----------------|-------------------|--|---|-------------------------|---|-----------|---------|
| 21             | hivstatusfinal | Derived           | Final HIV status determination after data cleaning and QC; can be missing because respondent did not have blood drawn, problems with the sample, or other issues | Final HIV status determination                            | Numeric                 | 1 - HIV Positive  | 2,898     | 25.9    |
|                |                |                   |  |   |                         | 2 - HIV Negative  | 8,301     | 74.1    |
|                |                |                   |  |   |                         | 99 - Missing  | .         | .       |
| 22             | vls            | Derived           | Indicates respondent's viral load is suppressed  | Viral load suppressed                                     | Numeric                 | 1 - Viral load suppressed (<1000 copies/mL)   | 2,589     | 89.7    |
|                |                |                   |  |   |                         | 2 - Not viral load suppressed   | 296       | 10.3    |
|                |                |                   |  |   |                         | 99 - Missing  | 8,314     | .       |
| 23             | tri90          | Derived           | Include in UNAIDS cascade (adjusted for ARV data); indicates that records have enough data to be included in a 90-90-90, 95-95-95, or other cascade analysis     | Include in cascade (adjusted for ARV data) analysis       | Numeric                 | 1 - Observations to be included in the 90 90 90 analysis using ARV data.                              | 2,887     | 25.8    |
|                |                |                   |  |   |                         | 2 - Observations to be excluded in the 90 90 90 analysis for ARV data due to incomplete data          | 8,312     | 74.2    |
| 24             | tri90art       | Derived           | ART recode (adjusted for ARV data) for cascade analysis  | ART recode (adjusted for ARV data) for cascade analysis   | Numeric                 | 1 - ARVs detectable, self-reported on ART, or both ARVs detectable and self-reported on ART           | 2,660     | 92.1    |
|                |                |                   |  |   |                         | 2 - ARVs not detectable and self-reported not on ART or missing ARV data and self-reported not on ART | 64        | 2.2     |
|                |                |                   |  |   |                         | 3 - Recoded as not on ART (unaware and ARVs not detectable or unaware and ARVs missing)               | 163       | 5.7     |
|                |                |                   |  |   |                         | 99 - Incomplete Tri90 information   | 8,312     | .       |
| 25             | tri90aware     | Derived           | Aware recode (adjusted for ARV data) for cascade analysis  | Aware recode (adjusted for ARV data) for cascade analysis | Numeric                 | 1 - Aware or considered aware because ARVs detectable   | 2,724     | 94.4    |
|                |                |                   |  |   |                         | 2 - Unaware and ARVs not detectable or unaware and ARVs missing                                       | 163       | 5.7     |
|                |                |                   |  |   |                         | 99 - Incomplete tri90 information   | 8,312     | .       |

### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name     | Variable Category | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-------------------|-------------------|---|---|-------------------------|---|-----------|---------|
| 26             | tri90vls          | Derived           | Viral load suppressed (VLS) recode (adjusted for ARV data) for cascade analysis   | Viral load suppressed (VLS) recode (adjusted for ARV data) for cascade analysis | Numeric                 | 1 - VLS   | 2,563     | 88.8    |
|                |                   |                   |   |   |                         | 2 - Not VLS   | 296       | 10.3    |
|                |                   |                   |   |   |                         | 3 - Recoded as not VLS  | 28        | 1.0     |
|                |                   |                   |   |   |                         | 99 - Incomplete Tri90 information   | 8,312     | .       |
| 27             | tri90sr           | Derived           | Include in UNAIDS cascade (self-report, not ARV adjusted); indicates which records have enough data to be included in a 90-90-90, 95-95-95, or other cascade analysis | Include in cascade (self-report, not ARV adjusted) analysis                     | Numeric                 | 1 - Observations to be included in the 90 90 90 analysis using self-reported data                       | 2,883     | 25.7    |
|                |                   |                   |   |   |                         | 2 - Observations to be excluded in the 90 90 90 analysis with self-reported data due to incomplete data | 8,316     | 74.3    |
| 28             | tri90sraware      | Derived           | Aware recode (self-report, not ARV adjusted) for cascade analysis   | Aware recode (self-report, not ARV adjusted) for cascade analysis               | Numeric                 | 1 - Aware   | 2,674     | 92.8    |
|                |                   |                   |   |   |                         | 2 - Unaware   | 209       | 7.3     |
|                |                   |                   |   |   |                         | 99 - Incomplete tri90sr information   | 8,316     | .       |
| 29             | tri90srart        | Derived           | ART recode (self-report, not ARV adjusted) for cascade analysis   | ART recode (self-report, not ARV adjusted) for cascade analysis                 | Numeric                 | 1 - Self-reported on ART  | 2,598     | 90.1    |
|                |                   |                   |   |   |                         | 2 - Self-reported not on ART  | 76        | 2.6     |
|                |                   |                   |   |   |                         | 3 - Recoded as self-reported not on ART (unaware)   | 209       | 7.3     |
|                |                   |                   |   |   |                         | 99 - Incomplete tri90sr information   | 8,316     | .       |
| 30             | tri90srvls        | Derived           | VLS recode (self-report, not ARV adjusted) for cascade analysis   | VLS recode (self-report, not ARV adjusted) for cascade analysis                 | Numeric                 | 1 - VLS   | 2,508     | 87.0    |
|                |                   |                   |   |   |                         | 2 - Not VLS   | 296       | 10.3    |
|                |                   |                   |   |   |                         | 3 - Recoded as not VLS (self-reported not on ART or unaware)  | 79        | 2.7     |
|                |                   |                   |   |   |                         | 99 - Incomplete tri90sr information   | 8,316     | .       |
| 31             | awareselfreported | Derived           | Respondent self-reports as aware of their HIV seropositive status   | Respondent self-reports as aware of their HIV seropositive status               | Numeric                 | 1 - Self-report aware of HIV+ status  | 2,689     | 92.8    |
|                |                   |                   |   |   |                         | 2 - Self-report not aware of HIV+ status  | 209       | 7.2     |
|                |                   |                   |   |   |                         | 99 - missing  | 8,301     | .       |

### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name   | Variable Category | Question Text/<br>Variable Description                           | Variable Label   | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|-----------------|-------------------|--|--|-------------------------|--|-----------|---------|
| 32             | artselfreported | Derived           | Respondent self-reports being on ART                             | Respondent self-reports being on ART                             | Numeric                 | 1 - On ART   | 2,609     | 97.2    |
|                |                 |                   |  |  |                         | 2 - Not on ART   | 76        | 2.8     |
|                |                 |                   |  |  |                         | 99 - Missing   | 8,514     | .       |
| 33             | vlunder200      | Derived           | Respondent's viral load is less than 200                         | Viral load under 200   | Numeric                 | 1 - Viral load < 200   | 2,494     | 86.8    |
|                |                 |                   |  |  |                         | 2 - Viral load >= 200  | 381       | 13.3    |
|                |                 |                   |  |  |                         | 99 - Missing, including viral load not detectable at limit over 200  | 8,324     | .       |
| 34             | tri90vl         | Derived           | Include in cascade (adjusted for viral load data) analysis       | Include in cascade (adjusted for viral load data) analysis       | Numeric                 | 1 - Observations to be included in the 90 90 90 analysis using viral load data                                     | 2,887     | 25.8    |
|                |                 |                   |  |  |                         | 2 - Observations to be excluded in the 90 90 90 analysis for viral load data due to incomplete data                | 8,312     | 74.2    |
| 35             | tri90vlaware    | Derived           | Aware recode (adjusted for viral load data) for cascade analysis | Aware recode (adjusted for viral load data) for cascade analysis | Numeric                 | 1 - Aware or considered aware because viral load under 200   | 2,730     | 94.6    |
|                |                 |                   |  |  |                         | 2 - Unaware and viral load not under 200 or unaware and viral load data missing                                    | 157       | 5.4     |
|                |                 |                   |  |  |                         | 99 - Incomplete tri90 information  | 8,312     | .       |
| 36             | tri90vlart      | Derived           | ART recode (adjusted for viral load data) for cascade analysis   | ART recode (adjusted for viral load data) for cascade analysis   | Numeric                 | 1 - Viral loads under 200, self-reported on ART, or both viral loads under 200 and self-reported on ART            | 2,667     | 92.4    |
|                |                 |                   |  |  |                         | 2 - Viral loads not under 200 and self-reported not on ART or missing viral load data and self-reported not on ART | 63        | 2.2     |
|                |                 |                   |  |  |                         | 3 - Recoded as not on ART (unaware and viral loads not under 200 or unaware and viral loads missing)               | 157       | 5.4     |
|                |                 |                   |  |  |                         | 99 - Incomplete Tri90 information  | 8,312     | .       |

### ***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name | Variable Category | Question Text/<br>Variable Description  | Variable Label   | Variable Type and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|---------------|-------------------|---|--|-------------------------|---|-----------|---------|
| 37             | tri90vlvs     | Derived           | Viral load suppressed (VLS) recode (adjusted for viral load data) for cascade analysis  | Viral load suppressed (VLS) recode (adjusted for viral load data) for cascade analysis | Numeric                 | 1 - VLS   | 2,577     | 89.3    |
|                |               |                   |   |  |                         | 2 - Not VLS   | 296       | 10.3    |
|                |               |                   |   |  |                         | 3 - Recoded as not VLS  | 14        | 0.5     |
|                |               |                   |   |  |                         | 99 - Incomplete Tri90 information   | 8,312     | .       |
| 38             | arvstatus     | Derived           | ARVs detected through laboratory testing  | ARVs detected through laboratory testing   | Numeric                 | 1 - ARV detected  | 2,564     | 89.0    |
|                |               |                   |   |  |                         | 2 - ARV not detected  | 318       | 11.0    |
|                |               |                   |   |  |                         | 99 - Missing  | 8,317     | .       |
| 39             | aware         | Derived           | Awareness combining self-report and ARV testing   | Awareness combining self-report and ARV testing  | Numeric                 | 1 - Aware or considered aware because ARVs detectable   | 2,735     | 94.4    |
|                |               |                   |   |  |                         | 2 - Unaware and ARVs not detectable, or unaware and ARV testing results missing   | 163       | 5.6     |
|                |               |                   |   |  |                         | 99 - Missing  | 8,301     | .       |
| 40             | art           | Derived           | Respondent on art; determined by combining self-report and laboratory ARV testing   | On art combining self-report and laboratory ARV testing                                | Numeric                 | 1 - ARVs detectable, self-reported on ART, or both ARVs detectable and self-reported on ART   | 2,671     | 92.2    |
|                |               |                   |   |  |                         | 2 - Unaware or aware, ARVs not detectable and self-reported not on ART, or aware, missing ARV testing data and self-reported not on ART | 227       | 7.8     |
|                |               |                   |   |  |                         | 99 - Missing  | 8,301     | .       |
| 41             | awareart      | Derived           | HIV-positive respondent self-reported as previously diagnosed and if they were on ART (ARV lab data adjusted); missing for respondents that did not test HIV-positive in PHIA or who have missing tri90 information | Self-reported previously diagnosed and if on ART (ARV adjusted)                        | Numeric                 | 1 - Self-report as not previously diagnosed and ARVs not detectable   | 163       | 5.7     |
|                |               |                   |   |  |                         | 2 - Self-report as previously diagnosed, not on ART and ARVs not detectable   | 64        | 2.2     |
|                |               |                   |   |  |                         | 3 - Previously diagnosed, on ART or ARVs detectable   | 2,660     | 92.1    |
|                |               |                   |   |  |                         | 99 - Missing, including incomplete tri90 information and HIV-negative people  | 8,312     | .       |

### *SHIMS3 2021 Adult Biomarker Dataset*

| Variable Order | Variable Name        | Variable Category  | Question Text/<br>Variable Description  | Variable Label  | Variable Type and Width | Coding Values and Labels   | Frequency | Percent |
|----------------|----------------------|--------------------|---|---|-------------------------|--|-----------|---------|
| 42             | awareartselfreported | Derived            | Respondent self-reported as previously diagnosed and if they were on ART (not ARV lab data adjusted)                        | Self-reported previously diagnosed and if on ART (not ARV adjusted) | Numeric                 | 1 - Self-report as not previously diagnosed  | 209       | 7.3     |
|                |                      |                    |   |   |                         | 2 - Self-report as previously diagnosed, not on ART  | 76        | 2.6     |
|                |                      |                    |   |   |                         | 3 - Previously diagnosed, on ART   | 2,598     | 90.1    |
|                |                      |                    |   |   |                         | 99 - Missing, including incomplete tri90 information   | 8,316     | .       |
| 43             | virallload           | Derived            | Numeric viral load; derived from resultvlc; use care when including values that are less than the lower limit of detection. | Numeric viral load  | Numeric                 | Mean:8644.8, range (10-2488235); no. missing values:8,314  | 2,884     | .       |
| 44             | cd4cat               | Derived            | CD4 category; calculated from cd4count  | CD4 category  | Numeric                 | 1 - CD4 less than 100  | 32        | 1.1     |
|                |                      |                    |   |   |                         | 2 - CD4 greater than or equal to 100 and less than 200 (Combine first two categories for table reporting in PHIA2.0) | 70        | 2.4     |
|                |                      |                    |   |   |                         | 3 - CD4 greater than or equal to 200 and less than 350   | 275       | 9.5     |
|                |                      |                    |   |   |                         | 4 - CD4 greater than or equal to 350 and less than 500   | 543       | 18.8    |
|                |                      |                    |   |   |                         | 5 - CD4 greater than or equal to 500   | 1,973     | 68.2    |
|                |                      |                    |   |   |                         | 99 - CD4 missing   | 8,306     | .       |
| 45             | btwt0                | Weighting Variable | Blood Test Final Weight   | Blood Test Final Weight   | Numeric                 | Mean:66.6, range (12.8-336.1); no. missing values:0  | 11,199    | .       |
| 46             | varstrat             | Weighting Variable | Variance stratum for Taylor Series variance estimation  | Variance stratum for Taylor Series variance estimation              | Numeric                 | Mean:48.9, range (1-98); no. missing values:0  | 10,997    | .       |

***SHIMS3 2021 Adult Biomarker Dataset***

| Variable Order | Variable Name   | Variable Category  | Question Text/<br>Variable Description              | Variable Label                                      | Variable Type<br>and Width | Coding Values and Labels  | Frequency | Percent |
|----------------|-----------------|--------------------|---|---|----------------------------|---|-----------|---------|
| 47             | varunit         | Weighting Variable | Variance unit for Taylor Series variance estimation | Variance unit for Taylor Series variance estimation | Numeric                    | 1 - Variance Unit within VARSTRAT for Taylor Series Replicates is 1 | 5,580     | 49.8    |
|                |                 |                    |   |   |                            | 2 - Variance Unit within VARSTRAT for Taylor Series Replicates is 2 | 5,435     | 48.5    |
|                |                 |                    |   |   |                            | 3 - Variance Unit within VARSTRAT for Taylor Series Replicates is 3 | 184       | 1.6     |
| 48             | btwt001-btwt098 | Weighting Variable | Blood Test Replicate Weights 1-98                   | Blood Test Replicate Weights                        | Numeric                    | 0, Positive real numbers - 0, Positive real numbers                 | .         | .       |