

Wave 4 Secure Data Variables

The Secure (Restricted access) Data contains confidential variables that are not released in the publicly available data. Examples of secure variables include the primary sampling unit (PSU), date of birth day, and the full geo-codes. Employment codes are also provided up to the four digit level where possible and the ISCO-08 used for coding occupations is provided with the data.

The complete list of secure variables per datafile are listed below:

Adult_Secure_V2.0.0

| Variable Name | Variable Label |
|-------------------------|--|
| w4_a_dob_d | b1_d - Date of birth (day) |
| w4_a_brnsub_flg | b11_1 flag - response surveyed or from historical data |
| w4_a_brnsub | b11_1 - Suburb/Village respondent born in |
| w4_a_brntwn_flg | b11_2 flag - response surveyed or from historical data |
| w4_a_brntwn | b11_2 - Town/City respondent born in |
| w4_a_brnmp_2001_flg | b11 flag - response surveyed or from historical data |
| w4_a_brnmp_2001 | b11 - Born main place code (Coded using census 2001) |
| w4_a_brnmp_2011_flg | b11 flag - response surveyed or from historical data |
| w4_a_brnmp_2011 | b11 - Born main place code (Coded using census 2011) |
| w4_a_lvbfsb | b16_1 - Suburb/Village before current location |
| w4_a_lvbftwn | b16_2 - Town/City before current location |
| w4_a_lvbfmp_2001 | b16 - Live before main place code (Coded using census 2001) |
| w4_a_lvbfmp_2011 | b16 - Live before main place code (Coded using census 2011) |
| w4_a_bhdob_dx | c2_6_d1 - Date of birth (day) of child x |
| w4_a_mthwrk_flg | d9 flag - response surveyed or from historical data |
| w4_a_mthwrk | d9 - What kind of work does/ did your mother do in her current or last job? |
| w4_a_mthwrk_isco_fc_flg | d9_fc flag - response surveyed or from historical data |
| w4_a_mthwrk_isco_fc | d9_fc - Full Occupational codes of mother |
| w4_a_mthtask_flg | d10 flag - response surveyed or from historical data |
| w4_a_mthtask | d10 - What were/are her main tasks or duties in this work? |
| w4_a_fthwrk_flg | d19 flag - response surveyed or from historical data |
| w4_a_fthwrk | d19 - What kind of work does/ did your father do in his current or last job? |
| w4_a_fthwrk_isco_fc_flg | d19 flag - response surveyed or from historical data |
| w4_a_fthwrk_isco_fc | d19 - Full Occupational codes of father |
| w4_a_fthtask_flg | d20 flag - response surveyed or from historical data |
| w4_a_fthtask | d20 - What were/are his main tasks or duties in this work? |
| w4_a_em1wrk | eb5 - Kind of work usually done in job/business |
| w4_a_em1occ_isco_fc | eb5 - Full Occupational code for primary occupation |
| w4_a_em1task | eb6 - What are your main tasks or duties in this work? |
| w4_a_em1wrkplace | eb7 - What is the name of your place of work? |
| w4_a_em1goods | eb8 - Main goods and services produced at place of work, or main functions |
| w4_a_em1prod_fc | eb8 - Full sector code for primary occupation |
| w4_a_em2wrk | eb18 - Kind of work usually done in secondary job |

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|------------------------|--|
| w4_a_em2occ_isco_fc | eb18 - Full Occupational Codes for Secondary Occupation |
| w4_a_em2task | eb19 - Main tasks or duties in secondary occupation |
| w4_a_em2wrkplace | eb20 - What is the name of your second work place? |
| w4_a_em2goods | eb21 - Main goods and services produced at place of work or main functions |
| w4_a_em2prod_fc | eb21 - Sector code for secondary occupation |
| w4_a_emsatc | ec2 - Describe your main self-employment activity |
| w4_a_emsatc_isco_fc | ec2 - Full Occupational code for self-employment activity |
| w4_a_emsothatc | ec4 - Please describe your other self-employment activities |
| w4_a_emsothatc_isco_fc | ec4 - Full Occupational code for self-employment 2 activity |
| w4_a_emctype | ed2 - Main form of casual employment in the past 30 days |
| w4_a_emctype_isco_fc | ed2 - Occupational codes for paid casual employment in the past 30 days |
| w4_a_emhtask | ef6 - Main task when you helped with other people's business activities |
| w4_a_emhtsk_isco_fc | ef6 - Full Occupational code for assisting others with business activities |
| w4_a_unemwrk | eg4 - What kind of work did you usually do in this job? |
| w4_a_unemtyp_isco_fc | eg4 - Full Occupational code for last work related activity |
| w4_a_edschname_flg | h3 flag - response surveyed or from historical data |
| w4_a_edschname | h3 - What is the name of school or institution where you completed this grade? |
| w4_a_edschloc_flg | h4 flag - response surveyed or from historical data |
| w4_a_edschloc | h4 - What is the location of this educational institution? |
| w4_a_edterins | h9 - Institution where successfully completed tertiary studies? |
| w4_a_ed15curschname | h10_5 - Name of the school or educational institution attended in 2015? |
| w4_a_ed15curschloc | h10_6 - What is the location of this educational institution 2015? |
| w4_a_ed14schname | h10_15 - Name of the school or educational institution attended in 2014? |
| w4_a_ed14schloc | h10_16 - What is the location of this educational institution? |
| w4_a_ed14curschname | h11_5 - Name of the school or educational institution attended in 2014? |
| w4_a_ed14curschloc | h11_6 - What is the location of this educational institution 2014? |
| w4_a_ed13schname | h12_5 - Name of the school or educational institution attended in 2013? |
| w4_a_ed13schloc | h12_6 - What is the location of this educational institution 2013? |
| w4_a_ed12schname | h13_5 - Name of the school or educational institution attended in 2012? |
| w4_a_ed12schloc | h13_6 - What is the location of this educational institution? |
| w4_a_hlhospname | j5 - Name of hospital / clinic consulted |
| w4_a_hlhosploc | j6 - Location of hospital / clinic from last consultation |

Child_Secure_V2.0.0

| Variable Name | Variable Label |
|-------------------------|---|
| w4_c_brnsub_flg | b7_1 flag - response surveyed or from historical data |
| w4_c_brnsub | b7_1 - Suburb/Village respondent born in |
| w4_c_brntwn_flg | b7_2 flag - response surveyed or from historical data |
| w4_c_brntwn | b7_2 - Town/City respondent born in |
| w4_c_brnmp_2001_flg | b7 flag - response surveyed or from historical data |
| w4_c_brnmp_2001 | b7 - Born main place code (Coded using census 2001) |
| w4_c_brnmp_2011_flg | b7 flag - response surveyed or from historical data |
| w4_c_brnmp_2011 | b7 - Born main place code (Coded using census 2011) |
| w4_c_lvbfsub | b11_1 - Suburb/Village before current location |
| w4_c_lvbfwn | b11_2 - Town/City before current location |
| w4_c_lvbfmp_2001 | b11 - Live before main place code (Coded using census 2001) |
| w4_c_lvbfmp_2011 | b11 - Live before main place code (Coded using census 2011) |
| w4_c_dob_d | d5_d - Date of birth (day) |
| w4_c_hlhospname | d14 - What is the name of the hospital/clinic that the child was taken to? |
| w4_c_hlhosploc | d15 - What is the location of this hospital/clinic? |
| w4_c_ed15curschname | c8_4_1 - Name of the educational institution currently or last attended? |
| w4_c_ed15curschloc | What is the location of [NAME]'s educational institution? PLUS |
| w4_c_ed14schname | c8_10_1 - Name of educational institution attended in 2014 or last attended? |
| w4_c_ed14schloc | c8_10_2 - Location of educational institution |
| w4_c_ed14curschname | c9_4_1 - Name of the educational institution currently or last attended? |
| w4_c_ed14curschloc | c9_4_2 - Location of educational institution |
| w4_c_ed13schname | c10_4_1 - Educational institution attended in 2013 or last attended |
| w4_c_ed13schloc | c10_4_2_1 - Location of educational institution |
| w4_c_ed12schname | c11_4_1 - Educational institution the child attended in 2013 or last attended |
| w4_c_ed12schloc | c11_4_2 - What is the location of the child's educational institution? |
| w4_c_mthwrk_flg | e17 flag - response surveyed or from historical data |
| w4_c_mthwrk | e17 - Kind of work child's mother does/did in her current/last job? |
| w4_c_mthwrk_isco_fc_flg | e17 flag - response surveyed or from historical data |
| w4_c_mthwrk_isco_fc | e17 - Full Occupational codes of mother |
| w4_c_mthtask_flg | e18 flag - response surveyed or from historical data |
| w4_c_mthtask | e18 - What are/were child's mother's main tasks or duties in this work? |
| w4_c_fthwrk_flg | e31 flag - response surveyed or from historical data |
| w4_c_fthwrk | e31 - Kind of work child's father does/did in his current/last job? |
| w4_c_fthwrk_isco_fc_flg | e31 flag - response surveyed or from historical data |
| w4_c_fthwrk_isco_fc | e31 - Full Occupational code of father |
| w4_c_fthtask_flg | e32 flag - response surveyed or from historical data |
| w4_c_fthtask | e32 - What are/were child's father's main tasks or duties in this work? |

Proxy_Secure_V2.0.0

| Variable Name | Variable Label |
|---------------------|--|
| w4_p_dob_d | b1_d - Date of birth (day) |
| w4_p_brnsub_flg | b11_1 flag - response surveyed or from historical data |
| w4_p_brnsub | b11_1 - Suburb/Village respondent born in |
| w4_p_brntwn_flg | b11_2 flag - response surveyed or from historical data |
| w4_p_brntwn | b11_2 - Town/City respondent born in |
| w4_p_brnmp_2001_flg | b11 flag - response surveyed or from historical data |
| w4_p_brnmp_2001 | b11 - Born main place code (Coded using census 2001) |
| w4_p_brnmp_2011_flg | b11 flag - response surveyed or from historical data |
| w4_p_brnmp_2011 | b11 - Born main place code (Coded using census 2011) |
| w4_p_lvbfsub | b15_1 - Suburb/Village before current location |
| w4_p_lvbfwn | b15_2 - Town/City before current location |
| w4_p_lvbfmp_2001 | b15 - Live before main place code (Coded using census 2001) |
| w4_p_lvbfmp_2011 | b15 - Live before main place code (Coded using census 2011) |
| w4_p_em1wrk | c2 - Kind of work usually done in job / business |
| w4_p_em1occ_isco_fc | c2_2 - Full Occupational code of primary occupation |
| w4_p_em1task | c3 - Main tasks or duties in this work |
| w4_p_em1wrkplace | c4 - Name of place of work |
| w4_p_em1goods | c5 - Main goods or services produced, or main function |
| w4_p_em1prod_fc | c5 - Full Sector code for primary occupation |
| w4_p_ed15curschname | e9 - Name of school is/was attending 2015 |
| w4_p_ed15curschloc | e10 - What is the location of this educational institution 2015? |
| w4_p_ed14curschname | e17 - Name of school is/was attending 2014 |
| w4_p_ed14curschloc | e18 - What is the location of this educational institution 2014? |

HouseholdRoster_Secure_V2.0.0

| Variable Name | Variable Label |
|---------------|-----------------------------|
| w4_r_dob_d | b13_d - Date of birth (day) |

innderived_Secure_V2.0.0

| Variable Name | Variable Label |
|--------------------|--------------------------|
| w4_best_dob_d | Best date of birth (day) |
| w4_best_age_days | Best age - days |
| w4_distance | Distance moved(KM) |
| w4_distance_ranges | Distance moved in wave 4 |

hhderived_Secure_V2.0.0

| Variable Name | Variable Label |
|----------------------|--|
| w4_mapped_prov2011 | Mapped Province (2011 Census) |
| w4_mapped_prov2001 | Mapped Province (2001 Census) |
| w4_mapped_geo2011 | Mapped GeoType (2011 Census) |
| w4_mapped_geo2001 | Mapped GeoType (2001 Census) |
| w4_mapped_dc2011 | Mapped District Council (2011 Census) |
| w4_mapped_dc2001 | Mapped District Council (2001 Census) |
| w4_mapped_mdbdc2011 | Mapped Municipal Demarcations Board District Council (2011 Census) |
| w4_mp2011 | Main Place (2011 Census) |
| w4_mapped_mp2011 | Mapped Main Place (2011 Census) |
| w4_mp2001 | Main Place (2001 Census) |
| w4_mapped_mp2001 | Mapped Main Place (2001 Census) |
| w4_eatype2011 | Enumeration Area Type (2011 Census) |
| w4_mapped_eatype2011 | Mapped EA Type (2011 Census) |
| w4_ea2011 | Enumeration Area number (2011 Census) |
| w4_mapped_ea2011 | Mapped EA Number (2011 Census) |
| w4_ea2001 | Enumeration Area number (2001 Census) |
| w4_mapped_ea2001 | Mapped EA Number (2001 Census) |
| w4_gps_e | Best Longitude |
| w4_gps_s | Best Latitude |

Link_File_Secure_V2.0.0

None

Admin_Secure_V2.0.0

| Variable Name | Variable Label |
|----------------------|--|
| w4_edlstm_natemis | School natemis number, last school |
| w4_edlstm_nidsnm | NIDS school name, last school |
| w4_edlstm_nidsloc | NIDS school location, last school |
| w4_edlstm_schnm | Matched school name, last school |
| w4_edlstm_doe_status | DoE Status in 2015, last school |
| w4_edlstm_gis_long | Longitude, last school |
| w4_edlstm_gis_lat | Latitude, last school |
| w4_edlstm_lrn12 | Number of learners in 2012, last school |
| w4_edlstm_tchs12 | Number of teachers in 2012, last school |
| w4_edlstm_ltr12 | Learner-teacher ratio in 2012, last school |
| w4_edlstm_ltrr12 | Learner-teacher ratio range in 2012, last school |
| w4_edlstm_lrn13 | Number of learners in 2013, last school |
| w4_edlstm_tchs13 | Number of teachers in 2013, last school |
| w4_edlstm_ltr13 | Learner-teacher ratio in 2013, last school |

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|---------------------|--|
| w4_edlstm_ltrr13 | Learner-teacher ratio range in 2013, last school |
| w4_edlstm_lrn14 | Number of learners in 2014, last school |
| w4_edlstm_tchs14 | Number of teachers in 2014, last school |
| w4_edlstm_ltr14 | Learner-teacher ratio in 2014, last school |
| w4_edlstm_ltrr14 | Learner-teacher ratio range in 2014, last school |
| w4_edlstm_lrn15 | Number of learners in 2015, last school |
| w4_edlstm_tchs15 | Number of teachers in 2015, last school |
| w4_edlstm_ltr15 | Learner-teacher ratio in 2015, last school |
| w4_edlstm_ltrr15 | Learner-teacher ratio range in 2015, last school |
| w4_edlstm_urban | Urban indicator, last school |
| w4_edlstm_dist | Straight line distance in km, last school |
| w4_edlstm_distrnd | Straight line distance in km (rounded), last school |
| w4_ed12m_natemis | School natemis number, school in 2012 |
| w4_ed12m_nidsnm | NIDS school name, school in 2012 |
| w4_ed12m_nidsloc | NIDS school location, school in 2012 |
| w4_ed12m_schnm | Matched school name, school in 2012 |
| w4_ed12m_doe_status | DoE Status in 2012, school in 2012 |
| w4_ed12m_gis_long | Longitude, school in 2012 |
| w4_ed12m_gis_lat | Latitude, school in 2012 |
| w4_ed12m_lrn12 | Number of learners in 2012, school in 2012 |
| w4_ed12m_tchs12 | Number of teachers in 2012, school in 2012 |
| w4_ed12m_ltr12 | Learner-teacher ratio in 2012, school in 2012 |
| w4_ed12m_ltrr12 | Learner-teacher ratio range in 2012, school in 2012 |
| w4_ed12m_lrn13 | Number of learners in 2013, school in 2012 |
| w4_ed12m_tchs13 | Number of teachers in 2013, school in 2012 |
| w4_ed12m_ltr13 | Learner-teacher ratio in 2013, school in 2012 |
| w4_ed12m_ltrr13 | Learner-teacher ratio range in 2013, school in 2012 |
| w4_ed12m_lrn14 | Number of learners in 2014, school in 2012 |
| w4_ed12m_tchs14 | Number of teachers in 2014, school in 2012 |
| w4_ed12m_ltr14 | Learner-teacher ratio in 2014, school in 2012 |
| w4_ed12m_ltrr14 | Learner-teacher ratio range in 2014, school in 2012 |
| w4_ed12m_lrn15 | Number of learners in 2015, school in 2012 |
| w4_ed12m_tchs15 | Number of teachers in 2015, school in 2012 |
| w4_ed12m_ltr15 | Learner-teacher ratio in 2015, school in 2012 |
| w4_ed12m_ltrr15 | Learner-teacher ratio range in 2015, school in 2012 |
| w4_ed12m_urban | Urban indicator, school in 2012 |
| w4_ed12m_dist | Straight line distance in km, school in 2012 |
| w4_ed12m_distrnd | Straight line distance in km (rounded), school in 2012 |
| w4_ed13m_natemis | School natemis number, school in 2013 |
| w4_ed13m_nidsnm | NIDS school name, school in 2013 |
| w4_ed13m_nidsloc | NIDS school location, school in 2013 |
| w4_ed13m_schnm | Matched school name, school in 2013 |
| w4_ed13m_doe_status | DoE Status in 2013, school in 2013 |

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|---------------------|--|
| w4_ed13m_gis_long | Longitude, school in 2013 |
| w4_ed13m_gis_lat | Latitude, school in 2013 |
| w4_ed13m_lrn12 | Number of learners in 2012, school in 2013 |
| w4_ed13m_tchs12 | Number of teachers in 2012, school in 2013 |
| w4_ed13m_ltr12 | Learner-teacher ratio in 2012, school in 2013 |
| w4_ed13m_ltrr12 | Learner-teacher ratio range in 2012, school in 2013 |
| w4_ed13m_lrn13 | Number of learners in 2013, school in 2013 |
| w4_ed13m_tchs13 | Number of teachers in 2013, school in 2013 |
| w4_ed13m_ltr13 | Learner-teacher ratio in 2013, school in 2013 |
| w4_ed13m_ltrr13 | Learner-teacher ratio range in 2013, school in 2013 |
| w4_ed13m_lrn14 | Number of learners in 2014, school in 2013 |
| w4_ed13m_tchs14 | Number of teachers in 2014, school in 2013 |
| w4_ed13m_ltr14 | Learner-teacher ratio in 2014, school in 2013 |
| w4_ed13m_ltrr14 | Learner-teacher ratio range in 2014, school in 2013 |
| w4_ed13m_lrn15 | Number of learners in 2015, school in 2013 |
| w4_ed13m_tchs15 | Number of teachers in 2015, school in 2013 |
| w4_ed13m_ltr15 | Learner-teacher ratio in 2015, school in 2013 |
| w4_ed13m_ltrr15 | Learner-teacher ratio range in 2015, school in 2013 |
| w4_ed13m_urban | Urban indicator, school in 2013 |
| w4_ed13m_dist | Straight line distance in km, school in 2013 |
| w4_ed13m_distrnd | Straight line distance in km (rounded), school in 2013 |
| w4_ed14m_natemis | School natemis number, school in 2014 |
| w4_ed14m_nidsnm | NIDS school name, school in 2014 |
| w4_ed14m_nidsloc | NIDS school location, school in 2014 |
| w4_ed14m_schnm | Matched school name, school in 2014 |
| w4_ed14m_doe_status | DoE Status in 2014, school in 2014 |
| w4_ed14m_gis_long | Longitude, school in 2014 |
| w4_ed14m_gis_lat | Latitude, school in 2014 |
| w4_ed14m_lrn12 | Number of learners in 2012, school in 2014 |
| w4_ed14m_tchs12 | Number of teachers in 2012, school in 2014 |
| w4_ed14m_ltr12 | Learner-teacher ratio in 2012, school in 2014 |
| w4_ed14m_ltrr12 | Learner-teacher ratio range in 2012, school in 2014 |
| w4_ed14m_lrn13 | Number of learners in 2013, school in 2014 |
| w4_ed14m_tchs13 | Number of teachers in 2013, school in 2014 |
| w4_ed14m_ltr13 | Learner-teacher ratio in 2013, school in 2014 |
| w4_ed14m_ltrr13 | Learner-teacher ratio range in 2013, school in 2014 |
| w4_ed14m_lrn14 | Number of learners in 2014, school in 2014 |
| w4_ed14m_tchs14 | Number of teachers in 2014, school in 2014 |
| w4_ed14m_ltr14 | Learner-teacher ratio in 2014, school in 2014 |
| w4_ed14m_ltrr14 | Learner-teacher ratio range in 2014, school in 2014 |
| w4_ed14m_lrn15 | Number of learners in 2015, school in 2014 |
| w4_ed14m_tchs15 | Number of teachers in 2015, school in 2014 |
| w4_ed14m_ltr15 | Learner-teacher ratio in 2015, school in 2014 |

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|-------------------------|--|
| w4_ed14m_ltrr15 | Learner-teacher ratio range in 2015, school in 2014 |
| w4_ed14m_urban | Urban indicator, school in 2014 |
| w4_ed14m_dist | Straight line distance in km, school in 2014 |
| w4_ed14m_distrnd | Straight line distance in km (rounded), school in 2014 |
| w4_ed15m_natemis | School natemis number, school in 2015 |
| w4_ed15m_nidsnm | NIDS school name, school in 2015 |
| w4_ed15m_nidsloc | NIDS school location, school in 2015 |
| w4_ed15m_schnm | Matched school name, school in 2015 |
| w4_ed15m_doe_status | DoE Status in 2015, school in 2015 |
| w4_ed15m_gis_long | Longitude, school in 2015 |
| w4_ed15m_gis_lat | Latitude, school in 2015 |
| w4_ed15m_lrn12 | Number of learners in 2012, school in 2015 |
| w4_ed15m_tchs12 | Number of teachers in 2012, school in 2015 |
| w4_ed15m_ltr12 | Learner-teacher ratio in 2012, school in 2015 |
| w4_ed15m_ltrr12 | Learner-teacher ratio range in 2012, school in 2015 |
| w4_ed15m_lrn13 | Number of learners in 2013, school in 2015 |
| w4_ed15m_tchs13 | Number of teachers in 2013, school in 2015 |
| w4_ed15m_ltr13 | Learner-teacher ratio in 2013, school in 2015 |
| w4_ed15m_ltrr13 | Learner-teacher ratio range in 2013, school in 2015 |
| w4_ed15m_lrn14 | Number of learners in 2014, school in 2015 |
| w4_ed15m_tchs14 | Number of teachers in 2014, school in 2015 |
| w4_ed15m_ltr14 | Learner-teacher ratio in 2014, school in 2015 |
| w4_ed15m_ltrr14 | Learner-teacher ratio range in 2014, school in 2015 |
| w4_ed15m_lrn15 | Number of learners in 2015, school in 2015 |
| w4_ed15m_tchs15 | Number of teachers in 2015, school in 2015 |
| w4_ed15m_ltr15 | Learner-teacher ratio in 2015, school in 2015 |
| w4_ed15m_ltrr15 | Learner-teacher ratio range in 2015, school in 2015 |
| w4_ed15m_urban | Urban indicator, school in 2015 |
| w4_ed15m_dist | Straight line distance in km, school in 2015 |
| w4_ed15m_distrnd | Straight line distance in km (rounded), school in 2015 |
| w4_poldistr_name_15 | Name of police station in district: Using 2015 SAPS Admin data |
| w4_poldistr_long_15 | Longitude of police station in district: Using 2015 SAPS Admin data |
| w4_poldistr_lat_15 | Latitude of police station in district: Using 2015 SAPS Admin data |
| w4_poldistr_distance_15 | Distance to police station in district: Using 2015 SAPS Admin data |
| w4_polnear_name_15 | Name of nearest police station in district: Using 2015 SAPS Admin data |
| w4_polnear_long_15 | Longitude of nearest police station: Using 2015 SAPS Admin data |
| w4_polnear_lat_15 | Latitude of nearest police station: Using 2015 SAPS Admin data |
| w4_polnear_distance_15 | Distance to nearest police station: Using 2015 SAPS Admin data |