**Data Dictionary for the 3rd Decade of the**

**Tasmanian Longitudinal Health Study (1979-81)**

# Tasmanian Asthma Study 1979/81 Questionnaires

# TAS 23 1979

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Question number | Question | Variable name | Coding | Frequency | | Comments |
|  | Subject Unique Identifier | idnumber |  | Total values = 579  Missing values = 2 | |  |
|  |  | RANK |  |  | | No such variable in dataset |
|  | Auto number | AUTONUMBER |  |  | |  |
|  | Data entry ID | DEID |  |  | |  |
|  | Box Number | BOX. |  |  | |  |
|  |  | TAG |  |  | |  |
|  | Surname | CARD\_1\_SNAME |  |  | |  |
|  | First Name | CARD\_1\_FNAME |  |  | |  |
|  | Middle Name | CARD\_1\_MNAME |  |  | |  |
|  | Health number | SHS. |  |  | |  |
|  |  | shs\_clean |  | Total values = 579  Missing = 0 | |  |
|  | Date of Birth | dob |  | Median = (14/06/1961)  Range = (30/11/1960) – (31/12/1961) | |  |
|  | Date of Enrolment | date | Unique values = 261 | Missing = 25  Range between 1961 – 1971 | |  |
|  | Category TAS 10 1968 | cat10 | A=wheeze only;  B=cough only;  AB=wheeze and cough;  N=normal | .  A  AB  B  N  b | 2  59  115  171  231  1 |  |
|  | Category TAS 12 1974 | cat12 | A=wheeze only;  B=cough only;  AB=wheeze and cough;  N=normal | .  8  A  AB  B  N | 2  1  88  159  110  219 |  |
|  | Chest illness since 1974 | CARD\_2\_CHEST | 1=Yes, 0=no |  | | No such variable in dataset |
|  | Dr Diagnosis | CIFYES | 1=Asthma, 2=Bronchitis,  3=Other |  | |  |
|  |  | oth\_txt | Unique values = 28 | Missing = 548 | |  |
|  | Getting better | compare | 1=Better, 2=Worse,  3=About the same | .  1  2  3  (Other) | 251  159  9  159  1 |  |
|  | Surname | CARD\_2\_SNAME |  |  | | No such variable in dataset |
|  | Previous Surname | PREV\_SNAME |  |  | |  |
|  | First Name | CARD\_2\_FNAME |  |  | |  |
|  | Address | ADDRESS |  |  | |  |
|  | Suburb | suburb | Unique values = 128 | Missing = 188 | |  |
|  | Postcode | pcode79 | Unique values = 50 | Missing = 433 | |  |
|  | Clinical Data Surname | CLINICAL\_SNAME |  |  | | No such variable in dataset |
|  | Clinical Data First name | CLINICAL\_FNAME |  |  | |  |
|  | Height (cm) | height | Unique values = 38 | Missing = 454  Range = 150 - 189 | | ?convert string variable to numerical, summary stats |
|  | Weight (kgs) | weight | Unique values = 42 | Missing = 454  Range = 45 - 116 | | ?convert string variable to numerical, summary stats |
|  | Blood Pressure | bloodpres | Unique values = 96 | Missing = 455  SBP Range = 80 – 160  DBP Range = 40 – 140 | | ?convert string variable to numerical, summary stats |
|  | Spirometry | spiro | 1=Done; 2=Not Done;  3=Not Successful | .  1 | 454  125 |  |
|  | FEV 0.5 (ml) | fev5 | Unique values = 89 | Missing = 455  Range = 0.90 – 4.65 | | ?convert string variable to numerical, summary stats |
|  | FEV 1.0 (ml) | fev1 | Unique values = 101 | Missing values = 454  Range = 1.39 – 6.07 | | ?convert string variable to numerical, summary stats |
|  | VC (ml) | fvc | Unique values = 104 | Missing = 454  Range = 2.53 – 7.40 | | ?convert string variable to numerical, summary stats |
|  | FEV/VC | ratio | Unique values = 68 | Missing = 493  Range = 52.5 – 100 | | ?convert string variable to numerical, summary stats |
|  | MEFR (ml/s) | mefr | Unique values = 56 | Missing = 456  Range = 30 - 500 | | ?convert string variable to numerical, summary stats |
|  | Since 1974 > 3 Colds per yr | q1 | 1=Yes, 0=no | .  0  1 | 463  88  28 | Stata ‘2’ replaced as ‘0’ |
|  | LRTI | q2 | 1=Yes, 0=no | .  0  1 | 464  70  45 | Stata ‘2’ replaced as ‘0’ |
|  | Hay fever | q3 | 1=Yes, 0=no | .  0  1 | 468  58  53 | Stata ‘2’ replaced as ‘0’ |
|  | Asthma | q4 | 1=Yes, 0=no | .  0  1 | 464  82  33 | Stata ‘2’ replaced as ‘0’ |
|  | Asthma Year started | q4a | Year  Unique values = 18 | Missing = 546 | | Free text answer |
|  | Asthma No. attacks previous year | q4b | Number of attacks Unique values = 18 | Missing = 550 | | Free text answer |
|  | Asthma Duration | q4c | Duration of attacks Unique values = 26 | Missing = 551 | | Free text answer |
|  | Asthma Getting better | q4d | 1=completely gone;  2=less troublesome;  3=more troublesome;  4=about the same | .  1  2  3  4 | 546  7  17  2  7 |  |
|  | Bronchitis | q5 | 1=Yes, 0=no | .  0  1 | 464  62  53 | Stata ‘2’ replaced as ‘0’ |
|  | Bronchitis Year started | q5a | Year  Unique values = 29 | Missing = 532 | | Free text answer |
|  | Bronchitis No. attacks previous year | q5b | Number of attacks Unique values = 14 | Missing = 530 | | Free text answer |
|  | Bronchitis Duration | q5c | Duration of attacks Unique values = 30 | Missing = 533 | | Free text answer |
|  | Bronchitis Getting better | q5d | 1=completely gone;  2=less troublesome;  3=more troublesome;  4=about the same | .  1  2  3  4  (other) | 526  17  23  3  9  1 |  |
|  | Medication | q5e | 1=don’t know; 0=not treated  Cortisone/Prednisolone/  Beclamethazone/Aldecin  Intal/Other steroids | .  1  2  Amoxil caps  DK  NT  Intal  Not Treated  Prenisolone/Aldecin | 533  18  11  1  10  3  1  1  1 |  |
|  | Working | q6 | 1=Yes, 0=no | .  0  1 | 465  43  71 | Stata ‘2’ replaced as ‘0’ |
|  | Working in dusty job for >1 yr | q6a | 1=Yes, 0=no | .  0  1 | 502  55  22 | Stata ‘2’ replaced as ‘0’ |
|  | Job | q6ind | ASCO 2nd Addition Codes  Unique values = 32 | Missing = 545 | | Free text answer |
|  | Time exposed | \_6time | Unique values = 32 | Missing = 545 | | Free text answer |
|  | Exposure | \_6expos | 1=Mild, 2=Moderate,  3=Severe | .  1  2  3 | 547  18  13  1 |  |
|  | Gas/ fumes | **\_**6b | 1=Yes, 0=no | .  0  1 | 509  51  19 | Stata ‘2’ replaced as ‘0’ |
|  | Job | \_6bind | Unique values = 18 | Missing = 561 | | Free text answer |
|  | Time exposed | \_6btime | Unique values = 13 | Missing = 563 | | Free text answer |
|  | Exposure | \_6bexpos | 1=Mild, 2=Moderate,  3=Severe | .  1  2  3 | 560  12  6  1 |  |
|  | Residence since Jan 74 | q7 |  |  | | Free text answer |
|  | Left home | q8 | 1=Yes, 0=no | .  0  1  (Other) | 464  17  97  1 | Stata ‘2’ replaced as ‘0’ |
|  | Year left | q8yr | Yr | .  0  10/03/80  1977  1978  1979  1980  79  8/78-7/79  80 | 561  1  1  1  4  6  2  1  1  1 |  |
|  | No. smoked at parents home | q9 |  | .  0  1  2  2-3  3  4  5  6  NA  Father smokes a pipe | 475  28  32  27  1  9  1  3  1  1  1 |  |
|  | No. smoking at home | q10 |  | .  0  1  2  3  4  100+  NA  na  2 when I wasn’t living at home | 511  2  4  26  1  1  1  30  2  1 |  |
|  | Smoker room-mates | q11 | 1=Yes, 0=no | .  0  1 | 464  103  12 | Stata ‘2’ replaced as ‘0’ |
|  | Ever smoked | q12 | 1=Yes, 0=no | .  0  1 | 463  64  52 | Stata ‘2’ replaced as ‘0’ |
|  | Smoke now | q12a | 1=Yes, 0=no | .  0  1 | 527  12  40 | Stata ‘2’ replaced as ‘0’ |
|  | Age started | q12b |  | .  11  12  12/13  13  13-14  14  14.5  15  16  16 years  16.5  17  18  NA | 526  1  2  1  6  1  8  1  5  15  1  1  7  2  2 |  |
|  | Age stopped | q12c |  | .  13  15  16  16.5  18  2  NA | 545  1  1  2  1  3  9  17 |  |
|  | No. cigarettes | q12d | Unique values = 26 | Missing = 527 | | Free text answer |
|  | Inhaled | q12e | 1=no, 2=slightly,  3=moderately, 4=deeply | .  1  2  3  4 | 527  2  3  40  7 |  |
|  | No. rooms parents home | q13 |  | .  3  4  5  6  7  8  9  10  11  12  15 | 466  1  2  22  30  19  21  7  6  2  2  1 |  |
|  | Ownership parents home | q14 | 1=owned, 2=rented | .  1  2 | 471  91  17 |  |
|  | Rent costs | q15 | 2=don’t know,  3=doesn’t apply | .  2  3  $25/mth  268.00  DK  NA | 517  12  14  1  1  9  25 |  |
|  | Parental home construction | q16 | 1=Weatherboard; 2=Brick;  3=Brick veneer; 4=stone | .  1  1,2  1/2  2  3  4 | 466  58  2  3  45  4  1 |  |
|  | Other construction | q16oth |  | .  And brick Concrete  Concrete block | 576  1  1  1 |  |
|  | Parental home Heating | q17 | Unique values = 93 | Missing values = 464 | | Free text answer |
|  | Residents parents home No.<10yr | q18\_1 |  | .  0  1  2  3 | 542  22  11  3  1 |  |
|  | Residents parents home No.10-20 yr | q18\_2 |  | .  1  2  3  4  5 | 474  37  33  25  8  2 |  |
|  | Residents parents home No.>20 yr | q18\_3 |  | .  1  2  3  4  (ticked) | 473  10  64  26  5  1 |  |
|  | Own Rental costs | q19 | Unique values = 16 | Missing = 510  Range = 2 – 260 (and NA) | | Free text answer |
|  | Education | q20gr | Unique values = 27 | Missing = 497 | | Free text answer |
|  | Present study | q20now | Unique values = 12 | Missing = 540 | | Free text answer |
|  | Other school | q20spec | Unique values = 13 | Missing = 566 | | Free text answer |
|  | Father's education | q21 | Unique values = 36 | Missing = 467 | | Free text answer |
|  | Mother's education | q22 | Unique values = 31 | Missing = 468 | | Free text answer |
|  | Father's job | q23 | Unique values = 99 | Missing = 467 | | Free text answer |
|  | Mother's job | q24 | Unique values = 70 | Missing = 469 | | Free text answer |
|  |  | extratxt | Unique values = 87 | Missing = 492 | | Free text answer |

# TAS 24 1981

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Question number | Question | Variable name | Coding | Frequency | | Comments |
|  | Auto number | AutoNumber |  |  | | No such variable in dataset |
|  | Subject Unique Identifier | idnumber |  | Total values = 399  Missing = 2 | |  |
|  |  | Rank |  |  | | No such variable in dataset |
|  | Data entry ID | DEID |  |  | |  |
|  | Box Number | Box. |  |  | |  |
|  |  | Tag |  |  | |  |
|  | Surname | Card\_1\_SName |  |  | |  |
|  | First Name | Card\_1\_FName |  |  | |  |
|  | Middle Name | Card\_1\_MName |  |  | |  |
|  | Health number | SHS. |  |  | |  |
|  |  | shs\_clean81 | Unique values = 315 | Missing = 84 | |  |
|  | Date of Birth | dob |  | Median = (07/07/1961)  Range = (02/01/1961) – (30/12/1961) | |  |
|  | Date of Enrolment | date | Unique values = 147 | Missing = 137  Range between 1961 to 1973 | |  |
|  |  | age | Unique values = 241 | Missing = 241  Range = 19.01 – 20.00 | | ?convert string variable to numerical, summary stats |
|  | Category TAS 10 1968 | cat10 | A=wheeze only; B=cough only; AB=wheeze and cough; N=normal | .  A  AB  B  N | 128  31  44  60  136 |  |
|  | Category TAS 12 1974 | cat12 | A=wheeze only; B=cough only; AB=wheeze and cough; N=normal | .  A  AB  B  N | 128  14  32  48  177 |  |
|  | Chest illness since 1974 | Card\_2\_Chest |  |  | | No such variable in dataset |
|  | Dr Diagnosis | CIfYes |  |  | |  |
|  |  | Oth\_TXT |  |  | |  |
|  | Getting better | Compare |  |  | |  |
|  | Surname | Card\_2\_SName |  |  | |  |
|  | Previous Surname | Prev\_SName |  |  | |  |
|  | First Name | Card\_2\_FName |  |  | |  |
|  | Address | Address |  |  | |  |
|  | Suburb | suburb81 | Unique values = 118 | Missing = 154 | | Free text answer |
|  | Postcode | pcode81 | Unique values = 54 | Missing = 176 | |  |
|  | Clinical Data Surname | Clinical\_SName |  |  | | No such variable in dataset |
|  | Clinical Data First name | Clinical\_FName |  |  | |  |
|  | Height (cm) | height | Unique values = 53 | Missing = 305  Range = 101.5 - 188 | | ?convert string variable to numerical, summary stats |
|  | Weight (kgs) | weight | Unique values = 79 | Missing = 305  Range = 44.5 – 118.5 | | ?convert string variable to numerical, summary stats |
|  | Blood Pressure | bloodpres | Unique values = 48 | Missing = 308  SBP Range = 100 – 170  DBP Range = 55 - 175 | | ?convert string variable to numerical, summary stats |
|  | Spirometry | spiro |  | .  1 | 306  93 |  |
|  | FEV 0.5 (ml) | fev5 | Unique values = 61 | Missing = 306  Range = 1.12 – 3.75 | | ?convert string variable to numerical, summary stats |
|  | FEV 1.0 (ml) | fev1 | Unique values = 71 | Missing = 306  Range = 1.93 – 5.74 | | ?convert string variable to numerical, summary stats |
|  | VC (ml) | fvc | Unique values = 76 | Missing = 306  Range = 2.32 – 7.05 | | ?convert string variable to numerical, summary stats |
|  | FEV/VC | ratio | Unique values = 38 | Missing = 360  Range = 63 – 97.7 (Outlier: 296.2) | | ?convert string variable to numerical, summary stats |
|  | MEFR (ml/s) | mefr | Unique values = 44 | Missing = 308  Range = 100 – 450 | | ?convert string variable to numerical, summary stats |
|  | Survey Surname | Survey\_SName |  |  | | No such variable in dataset |
|  | Survey First name | Survey\_FNames |  |  | |  |
|  | Survey First name | Survey\_FName |  |  | |  |
|  | Survey Middle names | Survey\_MiddleNames |  |  | |  |
|  | Survey DOB | Survey\_DOB |  |  | |  |
| Q1 | Eczema since 1974 | q1 | 1=Yes, 0=no | .  0  1 | 211  145  43 | Stata ‘2’ replaced as ‘0’ |
|  | Parts of body affected | q1if | Unique values = 23 | Missing = 376 | | Free text answer |
| Q2 | Hayfever since 1974 | q2 | 1=Yes, 0=no | .  0  1 | 212  122  65 | Stata ‘2’ replaced as ‘0’ |
|  | Hayfever all year round | q2ify | 1=Yes, 0=no | .  0  1 | 322  58  19 | Stata ‘2’ replaced as ‘0’ |
|  | Hayfever worst months | q2ifn | Unique values = 30 | Missing = 344 | | Free text answer |
| Q3 | Other Allergy | q3 | 1=Yes, 0=no | .  0  1 | 221  137  41 | Stata ‘2’ replaced as ‘0’ |
|  | Other allergy specify | q3if | Unique values = 25 | Missing = 373 | | Free text answer |
| Q4 | Asthma since 1974 | q4 | 1=Yes, 0=no | .  0  1 | 212  137  50 | Stata ‘2’ replaced as ‘0’ |
|  | Continuous asthma | q4a | 1=Yes, 0=no | .  0  1 | 351  39  9 | Stata ‘2’ replaced as ‘0’ |
|  | Attacks in last 12mths | q4b | Unique values = 18 | Missing = 359 | | Free text answer |
|  | Duration of attacks | q4c | Unique values = 29 | Missing = 361 | | Free text answer |
|  | Asthma Getting better | q4d | 1=completely gone; 2=less troublesome; 3=about the same; 4=more troublesome | .  1  2  3  4 | 358  7  20  12  2 |  |
| Q5 | Bronchitis since 1974 | q5 | 1=Yes, 0=no | .  0  1 | 211  95  93 | Stata ‘2’ replaced as ‘0’ |
|  | Continuous Bronchitis | q5a | 1=Yes, 0=no | .  0  1 | 305  76  18 | Stata ‘2’ replaced as ‘0’ |
|  | Attacks in last 12mths | q5b | Unique values = 22 | Missing = 312 | | Free text answer |
|  | Duration of attacks | q5c | Unique values =51 | Missing = 313 | | Free text answer |
|  | Bronchitis Getting better | q5d | 1=completely gone; 2=less troublesome; 3=about the same; 4=more troublesome | .  1  2  3  3/4  4  dk | 311  13  26  40  1  7  1 |  |
| Q6 | Medications | q6a | 1=Yes, 2=Don’t know, 3=Not treated | .  1  1/2  2  2/3  3 | 248  35  2  18  1  95 |  |
|  | Medications used | q6adrug | 1=Cortisone; 2=Prednisolone; 3=Beclamethazone; 4=Aldecin  5=Intal; 6=Antibiotics | .  1/6  2  5/6  6 | 348  3  2  3  43 |  |
|  | Other Medications | q6b | 1=Yes, 0=no | .  0  1 | 279  90  30 | Stata ‘2’ replaced as ‘0’ |
|  | Other Medications specify | q6biftxt | Unique values = 22 | Missing = 376 | | Free text answer |
| Q7 | Ever smoked | q7a | 1=Yes, 0=no | .  0  1 | 210  97  92 | Stata ‘2’ replaced as ‘0’ |
|  | Smoke now | q7b | 1=Yes, 0=no | .  0  1  Occasionally | 296  35  67  1 | Stata ‘2’ replaced as ‘0’ |
|  | Age started | q7c | Unique values = 17 | Missing = 307  Range = 8 – 20 (outlier: 1978) | | Free text answer |
|  | Age stopped | q7d |  | .  15  16  17  18  19  20  8 weeks ago  No  na | 374  1  1  2  5  8  5  1  1  1 |  |
|  | No. cigarettes | q7e | Unique values = 46 | Missing = 307 | | Free text answer |
|  | Inhaled | q7f | 1=no, 2=slightly, 3=moderately  4=deeply | .  1  2  3  3/4  4 | 308  2  13  54  1  21 |  |
| Q8 | Alcohol in past week- beer | q8a | Number of glasses  Unique values = 29 | Missing = 238 | | Free text answer |
|  | Alcohol in past week- wine | q8b | Number of glasses  Unique values = 16 | Missing = 262  Range = 0 – 40 | | Free text answer |
|  | Alcohol in past week – spirits | q8c | Number of glasses  Unique values = 22 | Missing = 260  Range = 0 – 30 (excluding ‘4 nips’) | | Free text answer |
| Q9 | Father occupation | q9fathtxt |  | Unique values = 151  Missing = 216 | | Free text answer |
|  | Mothers occupation | q9mothtxt |  | Unique value = 95  Missing = 214 | | Free text answer |
| Q10 | Age Left school | q10a |  | Unique values = 14  Missing = 224 | | Free text answer |
|  | Occupation | q10btxt |  | Unique values = 134  Missing = 210 | | Free text answer |
| Q11 | Residence | q11txt |  | Unique values = 186  Missing = 213 | | Free text answer |
|  | Extra text | extratxt |  | Unique values = 64  Missing = 335 | |  |

# TAS 25 Medical

|  |  |  |  |
| --- | --- | --- | --- |
| Question number | Question | Variable name | Format |
|  | Subject Unique ID | IDNumber |  |
|  |  | Rank |  |
|  | Auto ID | Autonumber |  |
|  | Date Entry ID | DEID |  |
|  | Box number | Box. |  |
|  |  | Tag |  |
|  | 1979 | 1979 |  |
|  | 1981 | 1981 |  |
|  |  | TAGAG |  |
|  | Surname | SName |  |
|  | First name | FName |  |
|  | Middle Name | MName |  |
|  | Health number | SHSNo |  |
|  | Date of Birth | DOB |  |
|  | Year 1 | Yr1 |  |
|  | Height year 1 | Hei1 |  |
|  | Weight year 1 | Wei1 |  |
|  | Year 2 | Yr2 |  |
|  | Height year 2 | Hei2 |  |
|  | Weight year 2 | Wei2 |  |
|  | Year 3 | Yr3 |  |
|  | Height year 3 | Hei3 |  |
|  | Weight year 3 | Wei3 |  |
|  | Year 4 | Yr4 |  |
|  | Height year 4 | Hei4 |  |
|  | Weight year 4 | Wei4 |  |
|  | Year 5 | Yr5 |  |
|  | Height year 5 | Hei5 |  |
|  | Weight year 5 | Wei5 |  |
|  | Year 6 | Yr6 |  |
|  | Height year 6 | Hei6 |  |
|  | Weight year 6 | Wei6 |  |
|  | Other | Oth |  |
|  | Diphtheria | Dipth |  |
|  | Whooping Cough | WhCo |  |
|  | Small Pox | SP |  |
|  | Tetanus | Tet |  |
|  | Poliomyelitis | Polio |  |
|  | Extra text | ExtraTXT |  |