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VET as a re-engagement pathway for early school leavers— support document

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# Introduction

## Context

This report is the support document accompanying *VET as a re-engagement pathway for early school leavers,* which explores the pathways of early school leavers — that is, those who leave school without completing Year 12 — by means of an analysis of data from the Longitudinal Surveys of Australian Youth (LSAY). In particular, the research examines the characteristics of those who re-engage with education, especially via vocational education and training (VET). This support document contains summary statistics of background variables explored in the analysis.

# Supplementary data tables

Table 1 Possible explanatory variables for early school leaving and first educational re-engagement for early school leavers, LSAY Y06 and Y09 cohorts - Categorical

|  |  | **School Leaving Status** | | |  | **First educational re-engagement for early school leavers** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Category | Early School Leavers | Not Early School Leavers | Total |  | HE | VET | Lower level than VET | No further study |
| **Explanatory Variable** |  | *n (%)* | *n (%)* | *n (%)* |  | *n (%)* | *n (%)* | *n (%)* | *n (%)* |
| School Sector | Government | 2568 (72.7) | 6131 (52.7) | 8699 (57.3) |  | 178 (45.5) | 1640 (73.8) | 15 (78.9) | 735 (81.8) |
| Catholic | 605 (17.1) | 3088 (26.5) | 3693 (24.3) |  | 101 (25.8) | 393 (17.7) | 2 (10.5) | 109 (12.1) |
| Independent | 357 (10.1) | 2424 (20.8) | 2781 (18.3) |  | 112 (28.6) | 188 (8.5) | 2 (10.5) | 55 (6.1) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| School Geographic Location | Metropolitan | 2101 (59.5) | 8525 (73.2) | 10626 (70.0) |  | 295 (75.4) | 1294 (58.3) | 13 (68.4) | 499 (55.5) |
| Provincial | 1294 (36.7) | 2856 (24.5) | 4150 (27.4) |  | 82 (21.0) | 848 (38.2) | 5 (26.3) | 359 (39.9) |
| Remote | 135 (3.8) | 262 (2.3) | 397 (2.6) |  | 14 (3.6) | 79 (3.6) | 1 (5.3) | 41 (4.6) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Language Spoken at Home | English | 3372 (95.5) | 10582 (90.9) | 13954 (92.0) |  | 355 (90.8) | 2139 (96.3) | 19 (100.0) | 859 (95.6) |
| Language other than English | 120 (3.4) | 947 (8.1) | 1067 (7.0) |  | 35 (9.0) | 59 (2.7) | 0 (0.0) | 26 (2.9) |
| N/A / Invalid | 38 (1.1) | 114 (1.0) | 152 (1.0) |  | 1 (0.3) | 23 (1.0) | 0 (0.0) | 14 (1.6) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Sex | Female | 1639 (46.4) | 6448 (55.4) | 8087 (53.3) |  | 242 (61.9) | 919 (41.4) | 10 (52.6) | 468 (52.1) |
| Male | 1891 (53.6) | 5195 (44.6) | 7086 (46.7) |  | 149 (38.1) | 1302 (58.6) | 9 (47.4) | 431 (47.9) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Immigration Status | Australian Born | 3051 (86.7) | 9050 (77.9) | 12101 (80.0) |  | 276 (70.8) | 1966 (88.8) | 17 (89.5) | 792 (88.4) |
| First Generation | 272 (7.7) | 1462 (12.6) | 1734 (11.5) |  | 69 (17.7) | 147 (6.6) | 2 (10.5) | 54 (6.0) |
| Foreign Born | 160 (4.5) | 1027 (8.8) | 1187 (7.8) |  | 43 (11.0) | 76 (3.4) | 0 (0.0) | 41 (4.6) |
| N/A / Invalid | 36 (1.0) | 76 (0.7) | 112 (0.7) |  | 2 (0.5) | 25 (1.1) | 0 (0.0) | 9 (1.0) |
| **Total** | **3519 (100)** | **11615 (100)** | **15134 (100)** |  | **390 (100)** | **2214 (100)** | **19 (100)** | **896 (100)** |
| Indigenous Status | Not ATSI | 3207 (90.8) | 11162 (95.9) | 14369 (94.7) |  | 379 (96.9) | 2031 (91.4) | 17 (89.5) | 780 (86.8) |
| Yes ATSI | 323 (9.2) | 481 (4.1) | 804 (5.3) |  | 12 (3.1) | 190 (8.6) | 2 (10.5) | 119 (13.2) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Mother's Highest Education Completion | Did not Finish School and no further education | 1092 (33.0) | 2380 (21.0) | 3472 (23.7) |  | 72 (18.9) | 699 (33.5) | 5 (27.8) | 316 (38.4) |
| Year 12 or VET Qualification | 1155 (34.9) | 3462 (30.5) | 4617 (31.5) |  | 119 (31.3) | 745 (35.7) | 5 (27.8) | 286 (34.8) |
| Diploma or Higher | 1061 (32.1) | 5506 (48.5) | 6567 (44.8) |  | 189 (49.7) | 644 (30.8) | 8 (44.4) | 220 (26.8) |
| **Total** | **3308 (100)** | **11348 (100)** | **14656 (100)** |  | **380 (100)** | **2088 (100)** | **18 (100)** | **822 (100)** |
| Mother's Occupation (ISCO) | Clerical Support Workers | 465 (13.2) | 1555 (13.4) | 2020 (13.3) |  | 45 (11.5) | 316 (14.2) | 1 (5.3) | 103 (11.5) |
| Craft and Related Trade Workers | 64 (1.8) | 167 (1.4) | 231 (1.5) |  | 3 (0.8) | 49 (2.2) | 1 (5.3) | 11 (1.2) |
| Elementary Occupations | 698 (19.8) | 1615 (13.9) | 2313 (15.2) |  | 58 (14.8) | 419 (18.9) | 6 (31.6) | 215 (23.9) |
| Managers | 344 (9.7) | 1254 (10.8) | 1598 (10.5) |  | 43 (11.0) | 214 (9.6) | 0 (0.0) | 87 (9.7) |
| Plant and Machine Operators | 88 (2.5) | 184 (1.6) | 272 (1.8) |  | 4 (1.0) | 55 (2.5) | 1 (5.3) | 28 (3.1) |
| Professionals | 624 (17.7) | 3362 (28.9) | 3986 (26.3) |  | 127 (32.5) | 369 (16.6) | 4 (21.1) | 124 (13.8) |
| Service and Sales Workers | 586 (16.6) | 1381 (11.9) | 1967 (13.0) |  | 40 (10.2) | 375 (16.9) | 1 (5.3) | 170 (18.9) |
| Skilled Ag, Forestry and Fishery Workers | 37 (1.0) | 91 (0.8) | 128 (0.8) |  | 4 (1.0) | 23 (1.0) | 0 (0.0) | 10 (1.1) |
| Technicians and Associate Professionals | 432 (12.2) | 1722 (14.8) | 2154 (14.2) |  | 62 (15.9) | 285 (12.8) | 2 (10.5) | 83 (9.2) |
| No Occupation Reported | 192 (5.4) | 312 (2.7) | 504 (3.3) |  | 5 (1.3) | 116 (5.2) | 3 (15.8) | 68 (7.6) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Mother's Highest School Completion | Early School Leaver | 2061 (60.0) | 4477 (38.9) | 6538 (43.8) |  | 147 (37.9) | 1335 (61.7) | 11 (57.9) | 568 (65.7) |
| Not an Early School Leaver | 1373 (40.0) | 7028 (61.1) | 8401 (56.2) |  | 241 (62.1) | 828 (38.3) | 8 (42.1) | 296 (34.3) |
| **Total** | **3434 (100)** | **11505 (100)** | **14939 (100)** |  | **388 (100)** | **2163 (100)** | **19 (100)** | **864 (100)** |
|  |  |  |  |  |  |  |  |  |  |
| Father's Highest Education Completion | Did not Finish School and no further education | 1125 (35.7) | 2343 (21.3) | 3468 (24.5) |  | 74 (19.9) | 713 (35.9) | 6 (37.5) | 332 (42.5) |
| Year 12 or VET Qualification | 1120 (35.5) | 3439 (31.2) | 4559 (32.2) |  | 99 (26.6) | 756 (38.1) | 4 (25.0) | 261 (33.4) |
| Diploma or Higher | 909 (28.8) | 5232 (47.5) | 6141 (43.3) |  | 199 (53.5) | 515 (26.0) | 6 (37.5) | 189 (24.2) |
| **Total** | **3154 (100)** | **11014 (100)** | **14168 (100)** |  | **372 (100)** | **1984 (100)** | **16 (100)** | **782 (100)** |
| Father's Occupation (ISCO) | Clerical Support Workers | 67 (1.9) | 225 (1.9) | 292 (1.9) |  | 6 (1.5) | 44 (2.0) | 1 (5.3) | 16 (1.8) |
| Craft and Related Trade Workers | 831 (23.5) | 1898 (16.3) | 2729 (18.0) |  | 52 (13.3) | 576 (25.9) | 3 (15.8) | 200 (22.2) |
| Elementary Occupations | 427 (12.1) | 981 (8.4) | 1408 (9.3) |  | 26 (6.6) | 251 (11.3) | 2 (10.5) | 148 (16.5) |
| Managers | 525 (14.9) | 2343 (20.1) | 2868 (18.9) |  | 90 (23.0) | 325 (14.6) | 2 (10.5) | 108 (12.0) |
| Plant and Machine Operators | 438 (12.4) | 845 (7.3) | 1283 (8.5) |  | 19 (4.9) | 291 (13.1) | 3 (15.8) | 125 (13.9) |
| Professionals | 317 (9.0) | 2441 (21.0) | 2758 (18.2) |  | 83 (21.2) | 163 (7.3) | 3 (15.8) | 68 (7.6) |
| Service and Sales Workers | 205 (5.8) | 722 (6.2) | 927 (6.1) |  | 29 (7.4) | 125 (5.6) | 0 (0.0) | 51 (5.7) |
| Skilled Ag, Forestry and Fishery Workers | 162 (4.6) | 391 (3.4) | 553 (3.6) |  | 11 (2.8) | 107 (4.8) | 1 (5.3) | 43 (4.8) |
| Technicians and Associate Professionals | 326 (9.2) | 1392 (12.0) | 1718 (11.3) |  | 56 (14.3) | 203 (9.1) | 3 (15.8) | 64 (7.1) |
| No Occupation Reported | 232 (6.6) | 405 (3.5) | 637 (4.2) |  | 19 (4.9) | 136 (6.1) | 1 (5.3) | 76 (8.5) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Father's Highest School Completion | Early School Leaver | 1979 (58.5) | 4354 (38.3) | 6333 (42.9) |  | 145 (38.0) | 1294 (61.0) | 12 (63.2) | 528 (61.4) |
| Not an Early School Leaver | 1405 (41.5) | 7013 (61.7) | 8418 (57.1) |  | 237 (62.0) | 829 (39.0) | 7 (36.8) | 332 (38.6) |
| **Total** | **3384 (100)** | **11367 (100)** | **14751 (100)** |  | **382 (100)** | **2123 (100)** | **19 (100)** | **860 (100)** |
| Intend to Complete Year 12 | Yes, I plan to complete Year 12 | 2056 (58.2) | 10658 (91.5) | 12714 (83.8) |  | 367 (93.9) | 1137 (51.2) | 7 (36.8) | 545 (60.6) |
| No or I'm not sure | 1299 (36.8) | 566 (4.9) | 1865 (12.3) |  | 15 (3.8) | 971 (43.7) | 11 (57.9) | 302 (33.6) |
| Missing | 175 (5.0) | 419 (3.6) | 594 (3.9) |  | 9 (2.3) | 113 (5.1) | 1 (5.3) | 52 (5.8) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| What do you want to do when you are 30 years old? | Clerical and Administrative Workers | 28 (0.8) | 73 (0.6) | 101 (0.7) |  | 1 (0.3) | 19 (0.9) | 1 (5.3) | 7 (0.8) |
| Community and Personal Service Workers | 181 (5.1) | 443 (3.8) | 624 (4.1) |  | 12 (3.1) | 114 (5.1) | 1 (5.3) | 54 (6.0) |
| Labourers | 110 (3.1) | 291 (2.5) | 401 (2.6) |  | 10 (2.6) | 68 (3.1) | 0 (0.0) | 32 (3.6) |
| Machinery Operators and Drivers | 28 (0.8) | 22 (0.2) | 50 (0.3) |  | 1 (0.3) | 15 (0.7) | 0 (0.0) | 12 (1.3) |
| Managers | 179 (5.1) | 601 (5.2) | 780 (5.1) |  | 20 (5.1) | 112 (5.0) | 3 (15.8) | 44 (4.9) |
| Professionals | 901 (25.5) | 6028 (51.8) | 6929 (45.7) |  | 238 (60.9) | 445 (20.0) | 4 (21.1) | 214 (23.8) |
| Sales Workers | 350 (9.9) | 403 (3.5) | 753 (5.0) |  | 8 (2.0) | 232 (10.4) | 2 (10.5) | 108 (12.0) |
| Technicians and Trades Workers | 1044 (29.6) | 1712 (14.7) | 2756 (18.2) |  | 37 (9.5) | 772 (34.8) | 4 (21.1) | 231 (25.7) |
| Missing | 709 (20.1) | 2070 (17.8) | 2779 (18.3) |  | 64 (16.4) | 444 (20.0) | 4 (21.1) | 197 (21.9) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Plans in year after leaving school - Self | Do some other study or training | 123 (3.5) | 234 (2.0) | 357 (2.4) |  | 10 (2.6) | 72 (3.2) | 1 (5.3) | 40 (4.4) |
| Don't know | 250 (7.1) | 850 (7.3) | 1100 (7.2) |  | 19 (4.9) | 146 (6.6) | 0 (0.0) | 85 (9.5) |
| Go to University | 677 (19.2) | 5707 (49.0) | 6384 (42.1) |  | 224 (57.3) | 302 (13.6) | 2 (10.5) | 149 (16.6) |
| Look for work/get a job | 226 (6.4) | 501 (4.3) | 727 (4.8) |  | 15 (3.8) | 131 (5.9) | 1 (5.3) | 79 (8.8) |
| Other / Gap year / time off / Travel | 279 (7.9) | 1658 (14.2) | 1937 (12.8) |  | 66 (16.9) | 138 (6.2) | 3 (15.8) | 72 (8.0) |
| VET/Apprenticeship/Traineeship | 1352 (38.3) | 1239 (10.6) | 2591 (17.1) |  | 23 (5.9) | 1021 (46.0) | 8 (42.1) | 300 (33.4) |
| Missing / no response | 623 (17.6) | 1454 (12.5) | 2077 (13.7) |  | 34 (8.7) | 411 (18.5) | 4 (21.1) | 174 (19.4) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Plans in year after leaving school - Parents | Do some other study or training | 97 (2.7) | 180 (1.5) | 277 (1.8) |  | 5 (1.3) | 64 (2.9) | 1 (5.3) | 27 (3.0) |
| Don't know | 447 (12.7) | 1339 (11.5) | 1786 (11.8) |  | 24 (6.1) | 281 (12.7) | 4 (21.1) | 138 (15.4) |
| Go to University | 883 (25.0) | 6437 (55.3) | 7320 (48.2) |  | 246 (62.9) | 416 (18.7) | 2 (10.5) | 219 (24.4) |
| Look for work/get a job | 231 (6.5) | 432 (3.7) | 663 (4.4) |  | 13 (3.3) | 134 (6.0) | 2 (10.5) | 82 (9.1) |
| Other / Gap year / time off / Travel | 202 (5.7) | 965 (8.3) | 1167 (7.7) |  | 45 (11.5) | 115 (5.2) | 0 (0.0) | 42 (4.7) |
| VET/Apprenticeship/Traineeship | 1041 (29.5) | 890 (7.6) | 1931 (12.7) |  | 20 (5.1) | 797 (35.9) | 6 (31.6) | 218 (24.2) |
| Missing / no response | 629 (17.8) | 1400 (12.0) | 2029 (13.4) |  | 38 (9.7) | 414 (18.6) | 4 (21.1) | 173 (19.2) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Plans in year after leaving school - Friends | Do some other study or training | 90 (2.5) | 209 (1.8) | 299 (2.0) |  | 11 (2.8) | 55 (2.5) | 0 (0.0) | 24 (2.7) |
| Don't know | 764 (21.6) | 2187 (18.8) | 2951 (19.4) |  | 59 (15.1) | 495 (22.3) | 5 (26.3) | 205 (22.8) |
| Go to University | 668 (18.9) | 4611 (39.6) | 5279 (34.8) |  | 169 (43.2) | 345 (15.5) | 2 (10.5) | 152 (16.9) |
| Look for work/get a job | 223 (6.3) | 534 (4.6) | 757 (5.0) |  | 14 (3.6) | 142 (6.4) | 3 (15.8) | 64 (7.1) |
| Other / Gap year / time off / Travel | 137 (3.9) | 1001 (8.6) | 1138 (7.5) |  | 40 (10.2) | 65 (2.9) | 1 (5.3) | 31 (3.4) |
| VET/Apprenticeship/Traineeship | 970 (27.5) | 1432 (12.3) | 2402 (15.8) |  | 50 (12.8) | 674 (30.3) | 5 (26.3) | 241 (26.8) |
| Missing / no response | 678 (19.2) | 1669 (14.3) | 2347 (15.5) |  | 48 (12.3) | 445 (20.0) | 3 (15.8) | 182 (20.2) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Do you currently have a job (PISA Question)? | Yes, I have a part-time or casual job | 1519 (43.0) | 4651 (39.9) | 6170 (40.7) |  | 171 (43.7) | 975 (43.9) | 5 (26.3) | 368 (40.9) |
| No, I do not currently have a job | 1760 (49.9) | 6270 (53.9) | 8030 (52.9) |  | 200 (51.2) | 1084 (48.8) | 13 (68.4) | 463 (51.5) |
| Invalid / Missing | 251 (7.1) | 722 (6.2) | 973 (6.4) |  | 20 (5.1) | 162 (7.3) | 1 (5.3) | 68 (7.6) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Undertaking any VET subjects at school (PISA)? | Yes | 159 (4.5) | 443 (3.8) | 602 (4.0) |  | 11 (2.8) | 103 (4.6) | 2 (10.5) | 43 (4.8) |
| No | 284 (8.0) | 1196 (10.3) | 1480 (9.8) |  | 106 (27.1) | 113 (5.1) | 0 (0.0) | 65 (7.2) |
| Missing/ Invalid | 3087 (87.5) | 10004 (85.9) | 13091 (86.3) |  | 274 (70.1) | 2005 (90.3) | 17 (89.5) | 791 (88.0) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |
| Any further study at any time after leaving school? | No | 499 (14.1) | 748 (6.4) | 1247 (8.2) |  | 17 (4.3) | 307 (13.8) | 4 (21.1) | 171 (19.0) |
| Yes, VET / apprenticeship / traineeship | 1512 (42.8) | 1750 (15.0) | 3262 (21.5) |  | 33 (8.4) | 1109 (49.9) | 10 (52.6) | 360 (40.0) |
| Yes, do some other study or training | 26 (0.7) | 64 (0.5) | 90 (0.6) |  | 3 (0.8) | 16 (0.7) | 0 (0.0) | 7 (0.8) |
| Yes. university course | 986 (27.9) | 7999 (68.7) | 8985 (59.2) |  | 318 (81.3) | 443 (19.9) | 3 (15.8) | 222 (24.7) |
| Yes, other | 72 (2.0) | 165 (1.4) | 237 (1.6) |  | 7 (1.8) | 39 (1.8) | 1 (5.3) | 25 (2.8) |
| Don't know | 26 (0.7) | 93 (0.8) | 119 (0.8) |  | 0 (0.0) | 20 (0.9) | 0 (0.0) | 6 (0.7) |
| N/A / Invalid / Missing | 409 (11.6) | 824 (7.1) | 1233 (8.1) |  | 13 (3.3) | 287 (12.9) | 1 (5.3) | 108 (12.0) |
| **Total** | **3530 (100)** | **11643 (100)** | **15173 (100)** |  | **391 (100)** | **2221 (100)** | **19 (100)** | **899 (100)** |

Table 2 Possible explanatory variables for early school leaving and first educational re-engagement for early school leavers, LSAY Y06 and Y09 cohorts – Continuous

|  |  | School Leaving Status | | |  | First educational re-engagement for early school leavers | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Explanatory Variable | Statistic | Early School Leavers | Not Early School Leavers | Total |  | HE | VET | Lower Level than VET | No further study |
| Derived School Engagement Variable1 | N | 3438 | 11373 | 14811 |  | 383 | 2161 | 19 | 875 |
| N Miss | 92 | 270 | 362 |  | 8 | 60 | 0 | 24 |
| Mean | -0.191 | 0.201 | 0.11 |  | 0.341 | -0.232 | -0.568 | -0.315 |
| Std Dev | 0.949 | 0.793 | 0.848 |  | 0.627 | 0.967 | 0.93 | 0.945 |
| Median | -0.08 | 0.206 | 0.153 |  | 0.284 | -0.1 | -0.323 | -0.154 |
| Minimum | -10.067 | -8.9378 | -10.067 |  | -2.1255 | -10.067 | -3.4438 | -6.954 |
| Maximum | 1.8895 | 1.8895 | 1.8895 |  | 1.8895 | 1.8895 | 0.576 | 1.8895 |
| Total Hours Out-of-School Activities2 | N | 3398 | 11420 | 14818 |  | 384 | 2133 | 18 | 863 |
| N Miss | 132 | 223 | 355 |  | 7 | 88 | 1 | 36 |
| Mean | 45.68 | 43.091 | 43.684 |  | 38.702 | 46.27 | 40.778 | 47.43 |
| Std Dev | 43.16 | 46.437 | 45.718 |  | 27.807 | 44.648 | 25.339 | 45.034 |
| Median | 34 | 33 | 33 |  | 31 | 35 | 29.5 | 35 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 12 | 0 |
| Maximum | 495 | 3060 | 3060 |  | 189 | 495 | 91 | 495 |
| PISA Maths achievement (PV1) | N | 3530 | 11643 | 15173 |  | 391 | 2221 | 19 | 899 |
| N Miss | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Mean | 486.77 | 549.89 | 535.2 |  | 573.45 | 479.68 | 456.48 | 467.22 |
| Std Dev | 84.527 | 80.901 | 85.996 |  | 78.867 | 77.466 | 52.266 | 81.782 |
| Median | 483.13 | 550.56 | 536.54 |  | 575.49 | 477.87 | 444.63 | 467.29 |
| Minimum | 167.71 | 176.27 | 167.71 |  | 324.58 | 223.33 | 353.86 | 167.71 |
| Maximum | 768.26 | 890.1 | 890.1 |  | 768.26 | 758.91 | 588.32 | 742.55 |
| PISA Reading achievement (PV1) | N | 3530 | 11643 | 15173 |  | 391 | 2221 | 19 | 899 |
| N Miss | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Mean | 478.74 | 550.85 | 534.08 |  | 576.4 | 468.78 | 455.26 | 461.35 |
| Std Dev | 91.851 | 82.204 | 89.867 |  | 78.326 | 84.81 | 56.967 | 89.054 |
| Median | 480.04 | 555.29 | 539.94 |  | 583.67 | 470.95 | 472.55 | 460.92 |
| Minimum | 127.01 | 201.45 | 127.01 |  | 296.09 | 147.24 | 332.38 | 127.01 |
| Maximum | 778.07 | 807.15 | 807.15 |  | 778.07 | 690.68 | 545.14 | 700.07 |
| PISA Science achievement (PV1) | N | 3530 | 11643 | 15173 |  | 391 | 2221 | 19 | 899 |
| N Miss | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Mean | 493.15 | 563.95 | 547.48 |  | 589.09 | 484.8 | 472.1 | 472.49 |
| Std Dev | 95.425 | 89.029 | 95.368 |  | 87.481 | 88.208 | 68.401 | 92.279 |
| Median | 491.09 | 568.1 | 552.25 |  | 592.07 | 484.65 | 480.63 | 470.19 |
| Minimum | 107.93 | 183.64 | 107.93 |  | 297.87 | 155.67 | 329.57 | 107.93 |
| Maximum | 814.93 | 883.76 | 883.76 |  | 788.35 | 814.93 | 579.48 | 722.8 |
| Socio-Economic Status (ESCS) | N | 3508 | 11614 | 15122 |  | 390 | 2208 | 19 | 891 |
| N Miss | 22 | 29 | 51 |  | 1 | 13 | 0 | 8 |
| Mean | 0.04 | 0.448 | 0.352 |  | 0.504 | 0.03 | 0.17 | -0.159 |
| Std Dev | 0.731 | 0.73 | 0.751 |  | 0.704 | 0.702 | 0.773 | 0.719 |
| Median | 0.04 | 0.499 | 0.391 |  | 0.573 | 0.04 | 0.08 | -0.21 |
| Minimum | -2.7972 | -3.4034 | -3.4034 |  | -2.7972 | -2.3172 | -1.2081 | -2.7195 |
| Maximum | 2.4871 | 2.978 | 2.978 |  | 2.4871 | 2.3972 | 1.9036 | 2.1146 |
| Typical week study/Homework - Maths | N | 3434 | 11391 | 14825 |  | 382 | 2160 | 19 | 873 |
| N Miss | 96 | 252 | 348 |  | 9 | 61 | 0 | 26 |
| Mean | 1.9624 | 2.6378 | 2.4813 |  | 2.8272 | 1.8958 | 1.8421 | 1.7514 |
| Std Dev | 1.3743 | 1.3736 | 1.4029 |  | 1.4854 | 1.2887 | 0.898 | 1.4 |
| Median | 2 | 2 | 2 |  | 3 | 2 | 2 | 2 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Maximum | 6 | 6 | 6 |  | 6 | 6 | 3 | 6 |
| Typical week study/Homework - Other Subjects | N | 3428 | 11382 | 14810 |  | 382 | 2156 | 19 | 871 |
| N Miss | 102 | 261 | 363 |  | 9 | 65 | 0 | 28 |
| Mean | 2.4148 | 3.051 | 2.9037 |  | 3.4188 | 2.3122 | 1.8947 | 2.24 |
| Std Dev | 1.5446 | 1.4773 | 1.517 |  | 1.6466 | 1.4326 | 0.937 | 1.6135 |
| Median | 2 | 3 | 3 |  | 3 | 2 | 2 | 2 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Maximum | 6 | 6 | 6 |  | 6 | 6 | 3 | 6 |
| Typical week study/Homework - Science | N | 3439 | 11377 | 14816 |  | 383 | 2164 | 19 | 873 |
| N Miss | 91 | 266 | 357 |  | 8 | 57 | 0 | 26 |
| Mean | 1.4321 | 2.0628 | 1.9164 |  | 2.3734 | 1.3318 | 1.2105 | 1.2726 |
| Std Dev | 1.396 | 1.4063 | 1.4289 |  | 1.6481 | 1.2976 | 1.0842 | 1.361 |
| Median | 2 | 2 | 2 |  | 2 | 2 | 2 | 2 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Maximum | 6 | 6 | 6 |  | 6 | 6 | 3 | 6 |
| Working Hours: Weekend | N | 1491 | 4611 | 6102 |  | 170 | 957 | 4 | 360 |
| N Miss | 2039 | 7032 | 9071 |  | 221 | 1264 | 15 | 539 |
| Mean | 6.6261 | 5.6816 | 5.9124 |  | 5.7176 | 6.7696 | 9.5 | 6.6417 |
| Std Dev | 4.7406 | 4.0057 | 4.2163 |  | 3.6911 | 4.8917 | 8.544 | 4.6895 |
| Median | 6 | 5 | 5 |  | 5 | 6 | 9 | 6 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 |
| Maximum | 36 | 30 | 36 |  | 20 | 30 | 20 | 36 |
| Working Hours: Mon - Fri | N | 1491 | 4611 | 6102 |  | 170 | 957 | 4 | 360 |
| N Miss | 2039 | 7032 | 9071 |  | 221 | 1264 | 15 | 539 |
| Mean | 6.1915 | 4.3713 | 4.816 |  | 4.0294 | 6.476 | 11 | 6.4028 |
| Std Dev | 5.267 | 3.8914 | 4.3392 |  | 3.5325 | 5.4658 | 5.0332 | 5.1735 |
| Median | 5 | 4 | 4 |  | 4 | 6 | 10 | 6 |
| Minimum | 0 | 0 | 0 |  | 0 | 0 | 6 | 0 |
| Maximum | 41 | 30 | 41 |  | 16 | 41 | 18 | 25 |

Notes: 1 School Engagement Variable is derived using a factor analysis of life at school variables. A higher number indicates higher school engagement. See section below.

2 Derived as the sum of out-of-hours activities variables (Watching TV, Listening to Music, Playing sport, Reading for pleasure, Doing unpaid or voluntary work).