## Online Appendix

For "Does anyone suffer from teenage motherhood? Mental health effects of teen motherhood in Great Britain are small and homogeneous."
by O'Flaherty, M., Kalucza, S., \& Bon, J.

Table A1. Overview of model covariates, with topic domains and age at survey.

| Domain | Age | Measure |
| :---: | :---: | :---: |
| Delinquency <br> Educational attainment and aspirations | 10 | Fights with other children |
|  | 5 | Estimated reading age |
|  | 5 | Attends school |
|  | 5 | In need of special education treatment |
|  | 16 | Feels like school is largely a waste of time |
|  | 16 | Has left school |
| Family history/stability | 0 | Birth order |
|  | 0 | Duration of marriage prior to birth |
|  | 0 | Mother's marital status at time of birth |
|  | 0 | CM mother age at first birth |
|  | 5 | Both bio mother/father present |
|  | 10 | parents divorced/separated |
|  | 10 | Number of addresses |
|  | 16 | Total number of siblings |
| Health behaviour | 16 | Is vaccinated |
|  | 16 | CM age at menarche |
|  | 16 | Ever been on the pill? |
|  | 16 | CM contraceptive use |
|  | 16 | CM have had sex |
| Family housing situation | 5 | Tenure type |
|  | 5 | Interviewer description home - luxuriousness |
|  | 5 | Number of household appliances present |
|  | 5 | Crowding measure - number od household members per room |
|  | 5 | Interviewer Social grouping of neighbourhood |
| Mental health in childhood | 5 | Frequent temper tantrums (once a week) |
|  | 5 | Any sleep problems |
|  | 10 | Appears miserable, depressed |
|  | 10 | Diagnosed mental handicap or behavioural issue (medical) |
|  | 10 | Appears worried |
|  | 16 | Teen changes mood quickly / drastically |
|  | 16 | Teenager displays outbursts of temper |
| Orientation to the world | 10 | Feeling shy or foolish when talking to teacher |
|  | 10 | Academic self concept |
| Parent attitudes/beliefs | 5 | Attitude to child independence |
| Peers and peer characteristics | 10 | Peers smokes |
|  | 10 | Relationship to peers in school |
|  | 10 | Not much liked by other children (mother) |


| Physical health | 0 | Gestational age in weeks |
| :---: | :---: | :---: |
|  | 0 | Foetal distress during delivery (heart rate > $160 /$ < 120) |
|  | 0 | Birthweight |
|  | 5 | Medical Condition: Hearing or Vision problem |
|  | 5 | Ever admitted to hospital |
|  | 5 | Breastfeeding duration |
|  | 10 | Medical condition that affects daily life or school |
|  | 10 | Any diagnosed physical condition |
|  | 10 | Obesity |
|  | 10 | Any disabilities |
| Parent relationship with cohort member | 5 | Any parents reads to cohort member |
|  | 10 | Mothers interest in school (teacher answer) |
|  | 10 | How much time do you spend talking to your parents every day? |
|  | 10 | Parents expects too high standards/over concerned (teacher answer) |
|  | 10 | Parents dismissive of child's potential |
|  | 10 | Age at which cohort members mother think cohort member will leave school |
|  | 16 | Are you and your husband completely happy with how your teenager is turning out? |
|  | 16 | Weekly Activities shared with parents, n |
|  | 16 | Parents have visited teens school since sept 85 |
|  | 16 | Would like teenager to stay in full time education after this school year, and to A levels etc. |
|  | 16 | Would like teenager to continue some form of fulltime education beyond age 18 . |
| Parental health and health behaviour (parent of cohort member) | 0 | Mothers height |
|  | 0 | Mother's smoking history - if smoked during this pregnancy |
|  | 5 | Parental Rutter Score |
|  | 5 | Mother current smoking |
|  | 16 | Parent total Malaise score |
| Parental and grandparental class/education (parent/grandparent of cohort |  |  |
| member) | 0 | Mothers age at completion of full-time education |
|  | 0 | Father age at completion of full-time education |
|  | 0 | Father's Social Class 1970 |
|  | 0 | Mothers's Social Class 1970 |
|  | 5 | Mother is housewife |
|  | 16 | Combined parental income per week |
|  | 16 | Seriously troubled by financial hardship the last 12 months |

Table A2. Descriptive statistics of model covariates, over age of first birth.

|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=\mathbf{3 1 7 4}) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Fights with other children, age 10 |  |  |  |
| Mean (SD) | 20.0 (23.0) | 15.5 (17.7) | 16.3 (18.8) |
| Median [Min, Max] | 13.0 [0, 100] | 12.0 [0, 100] | 12.0 [0, 100] |
| Missing | 99 (16.8\%) | 355 (13.7\%) | 454 (14.3\%) |
| Estimated reading, age 5 |  |  |  |
| Mean (SD) | 4.67 (1.01) | 4.98 (0.958) | 4.92 (0.976) |
| Median [Min, Max] | 4.79 [2.05, 6.80] | 5.11 [2.05, 6.91] | 5.11 [2.05, 6.91] |
| Missing | 177 (30.1\%) | 854 (33.0\%) | 1031 (32.5\%) |
| Attends school, age 5 |  |  |  |
| no | 407 (69.1\%) | 1796 (69.5\%) | 2203 (69.4\%) |
| yes | 62 (10.5\%) | 312 (12.1\%) | 374 (11.8\%) |
| Missing | 120 (20.4\%) | 477 (18.5\%) | 597 (18.8\%) |
| In need of special education treatment, age 5 |  |  |  |
| no | 424 (72.0\%) | 1855 (71.8\%) | 2279 (71.8\%) |
| yes | 7 (1.2\%) | 27 (1.0\%) | 34 (1.1\%) |
| Missing | 158 (26.8\%) | 703 (27.2\%) | 861 (27.1\%) |
| Feels like school is largely a waste of time, age 16 |  |  |  |
| no | 120 (20.4\%) | 872 (33.7\%) | 992 (31.3\%) |
| yes | 114 (19.4\%) | 422 (16.3\%) | 536 (16.9\%) |
| Missing | 355 (60.3\%) | 1291 (49.9\%) | 1646 (51.9\%) |
| Has left school, age 16 |  |  |  |
| no | 232 (39.4\%) | 1337 (51.7\%) | 1569 (49.4\%) |
| yes | 14 (2.4\%) | 91 (3.5\%) | 105 (3.3\%) |
| Missing | 343 (58.2\%) | 1157 (44.8\%) | 1500 (47.3\%) |
| Birthorder, age 0 |  |  |  |
| Mean (SD) | 2.31 (1.47) | 2.12 (1.33) | 2.16 (1.36) |
| Median [Min, Max] | 2.00 [1.00, 10.0] | 2.00 [1.00, 11.0] | 2.00 [1.00, 11.0] |
| Missing | 49 (8.3\%) | 175 (6.8\%) | 224 (7.1\%) |
| Duration of marriage prior to birth, age 0 |  |  |  |
| Mean (SD) | 4.88 (4.23) | 5.19 (4.16) | 5.14 (4.17) |
| Median [Min, Max] | 4.00 [0, 22.0] | 4.00 [0, 23.0] | 4.00 [0, 23.0] |
| Missing | 103 (17.5\%) | 328 (12.7\%) | 431 (13.6\%) |


|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | $\begin{gathered} \hline \text { Age at first birth } 20 \\ \text { or older } \\ (\mathrm{N}=\mathbf{2 5 8 5}) \end{gathered}$ | $\begin{aligned} & \text { Overall } \\ & (\mathbf{N}=\mathbf{3 1 7 4}) \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Mother's marital status at time of birth, age 0 |  |  |  |
| other | 59 (10.0\%) | 175 (6.8\%) | 234 (7.4\%) |
| married | 481 (81.7\%) | 2235 (86.5\%) | 2716 (85.6\%) |
| Missing | 49 (8.3\%) | 175 (6.8\%) | 224 (7.1\%) |
| Mother age at first birth, age 0 |  |  |  |
| Mean (SD) | 20.6 (3.52) | 22.0 (3.76) | 21.7 (3.75) |
| Median [Min, Max] | 20.0 [13.0, 38.0] | 22.0 [12.0, 42.0] | 21.0 [12.0, 42.0] |
| Missing | 53 (9.0\%) | 182 (7.0\%) | 235 (7.4\%) |
| Both bio mother/father present, age 5 |  |  |  |
| no | 73 (12.4\%) | 207 (8.0\%) | 280 (8.8\%) |
| yes | 400 (67.9\%) | 1921 (74.3\%) | 2321 (73.1\%) |
| Missing | 116 (19.7\%) | 457 (17.7\%) | 573 (18.1\%) |
| Parents divorced/separated, age 10 |  |  |  |
| no | 351 (59.6\%) | 1848 (71.5\%) | 2199 (69.3\%) |
| yes | 99 (16.8\%) | 252 (9.7\%) | 351 (11.1\%) |
| Missing | 139 (23.6\%) | 485 (18.8\%) | 624 (19.7\%) |
| Number of adresses, age 10 |  |  |  |
| Mean (SD) | 2.40 (1.20) | 2.25 (1.11) | 2.28 (1.13) |
| Median [Min, Max] | 2.00 [1.00, 5.00] | 2.00 [1.00, 5.00] | 2.00 [1.00, 5.00] |
| Missing | 102 (17.3\%) | 390 (15.1\%) | 492 (15.5\%) |
| Total number of siblings, age 16 |  |  |  |
| Mean (SD) | 1.80 (1.85) | 1.87 (1.75) | 1.86 (1.76) |
| Median [Min, Max] | 1.00 [0, 5.00] | 2.00 [0, 5.00] | 2.00 [0, 5.00] |
| Missing | 177 (30.1\%) | 521 (20.2\%) | 698 (22.0\%) |
| Is vaccinated, age 16 |  |  |  |
| no | 230 (39.0\%) | 1026 (39.7\%) | 1256 (39.6\%) |
| yes | 182 (30.9\%) | 1038 (40.2\%) | 1220 (38.4\%) |
| Missing | 177 (30.1\%) | 521 (20.2\%) | 698 (22.0\%) |
| Age at menarche, age 16 |  |  |  |
| under 12 | 62 (10.5\%) | 257 (9.9\%) | 319 (10.1\%) |
| 12-13 | 129 (21.9\%) | 753 (29.1\%) | 882 (27.8\%) |
| over 13 | 38 (6.5\%) | 243 (9.4\%) | 281 (8.9\%) |
| not started | 2 (0.3\%) | 11 (0.4\%) | 13 (0.4\%) |


|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | $\begin{gathered} \text { Age at first birth } 20 \\ \text { or older } \\ (\mathrm{N}=\mathbf{2 5 8 5}) \end{gathered}$ | $\begin{aligned} & \text { Overall } \\ & (\mathbf{N}=\mathbf{3 1 7 4}) \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Missing | 358 (60.8\%) | 1321 (51.1\%) | 1679 (52.9\%) |
| Ever been on the pill?, age 16 |  |  |  |
| no | 162 (27.5\%) | 1016 (39.3\%) | 1178 (37.1\%) |
| yes | 68 (11.5\%) | 253 (9.8\%) | 321 (10.1\%) |
| Missing | 359 (61.0\%) | 1316 (50.9\%) | 1675 (52.8\%) |
| Contraceptive use, age 16 |  |  |  |
| contraception | 139 (23.6\%) | 634 (24.5\%) | 773 (24.4\%) |
| no sex | 33 (5.6\%) | 320 (12.4\%) | 353 (11.1\%) |
| none | 62 (10.5\%) | 334 (12.9\%) | 396 (12.5\%) |
| Missing | 355 (60.3\%) | 1297 (50.2\%) | 1652 (52.0\%) |
| Have had sex, age 16 |  |  |  |
| never | 160 (27.2\%) | 1028 (39.8\%) | 1188 (37.4\%) |
| once | 11 (1.9\%) | 80 (3.1\%) | 91 (2.9\%) |
| several | 63 (10.7\%) | 180 (7.0\%) | 243 (7.7\%) |
| Missing | 355 (60.3\%) | 1297 (50.2\%) | 1652 (52.0\%) |
| Tenure type, age 5 |  |  |  |
| owned | 199 (33.8\%) | 1212 (46.9\%) | 1411 (44.5\%) |
| rented | 252 (42.8\%) | 806 (31.2\%) | 1058 (33.3\%) |
| other | 21 (3.6\%) | 101 (3.9\%) | 122 (3.8\%) |
| Missing | 117 (19.9\%) | 466 (18.0\%) | 583 (18.4\%) |
| Interviewer description home - luxiouriousness, age 5 |  |  |  |
| low | 41 (7.0\%) | 63 (2.4\%) | 104 (3.3\%) |
| adequate | 219 (37.2\%) | 753 (29.1\%) | 972 (30.6\%) |
| high | 203 (34.5\%) | 1270 (49.1\%) | 1473 (46.4\%) |
| Missing | 126 (21.4\%) | 499 (19.3\%) | 625 (19.7\%) |
| Number of household appliances present, age 5 |  |  |  |
| Mean (SD) | 4.62 (1.41) | 5.07 (1.23) | 4.99 (1.27) |
| Median [Min, Max] | 5.00 [0, 7.00] | 5.00 [0, 7.00] | 5.00 [0, 7.00] |
| Missing | 116 (19.7\%) | 457 (17.7\%) | 573 (18.1\%) |
| Crowding measure - number resident household members / number rooms, age 5 |  |  |  |
| Mean (SD) | 0.990 (0.347) | 0.882 (0.297) | 0.902 (0.310) |
| Median [Min, Max] | 1.00 [0.429, 3.00] | 0.800 [0.160, 3.60] | 0.800 [0.160, 3.60] |
| Missing | 124 (21.1\%) | 486 (18.8\%) | 610 (19.2\%) |


|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | $\begin{gathered} \text { Age at first birth } 20 \\ \text { or older } \\ (\mathrm{N}=\mathbf{2 5 8 5}) \end{gathered}$ | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Interviewer Social grouping of neighbourhood, age 5 |  |  |  |
| Mean (SD) | 2.33 (0.891) | 2.56 (0.883) | 2.52 (0.889) |
| Median [Min, Max] | 2.00 [1.00, 4.00] | 2.00 [1.00, 4.00] | 2.00 [1.00, 4.00] |
| Missing | 134 (22.8\%) | 544 (21.0\%) | 678 (21.4\%) |
| Freq temper tantrums (once a week), age 5 |  |  |  |
| no | 388 (65.9\%) | 1794 (69.4\%) | 2182 (68.7\%) |
| yes | 62 (10.5\%) | 199 (7.7\%) | 261 (8.2\%) |
| Missing | 139 (23.6\%) | 592 (22.9\%) | 731 (23.0\%) |
| Any sleep problems, age 5 |  |  |  |
| no | 343 (58.2\%) | 1570 (60.7\%) | 1913 (60.3\%) |
| yes | 127 (21.6\%) | 544 (21.0\%) | 671 (21.1\%) |
| Missing | 119 (20.2\%) | 471 (18.2\%) | 590 (18.6\%) |
| Appears miserable, depressed, age 10 |  |  |  |
| Mean (SD) | 33.5 (31.1) | 32.6 (30.1) | 32.8 (30.2) |
| Median [Min, Max] | 18.5 [0, 100] | 19.0 [0, 100] | 19.0 [0, 100] |
| Missing | 101 (17.1\%) | 353 (13.7\%) | 454 (14.3\%) |
| Diagnosed mental handicap or behavioural issue (medical), age 10 |  |  |  |
| no | 523 (88.8\%) | 2357 (91.2\%) | 2880 (90.7\%) |
| yes | 18 (3.1\%) | 46 (1.8\%) | 64 (2.0\%) |
| Missing | 48 (8.1\%) | 182 (7.0\%) | 230 (7.2\%) |
| Appears worried, age 10 |  |  |  |
| Mean (SD) | 22.0 (23.8) | 19.7 (21.2) | 20.1 (21.7) |
| Median [Min, Max] | 14.0 [ 0,100$]$ | 14.0 [0, 99.0] | 14.0 [ 0,100$]$ |
| Missing | 97 (16.5\%) | 351 (13.6\%) | 448 (14.1\%) |
| Teen changes mood quickly / drastically, age 16 |  |  |  |
| Mean (SD) | 1.85 (0.929) | 1.58 (0.823) | 1.63 (0.847) |
| Median [Min, Max] | 2.00 [1.00, 4.00] | 1.00 [1.00, 4.00] | 1.00 [1.00, 4.00] |
| Missing | 268 (45.5\%) | 938 (36.3\%) | 1206 (38.0\%) |
| Teenager displays outbursts of temper, age 16 |  |  |  |
| Mean (SD) | 1.67 (0.901) | 1.45 (0.739) | 1.48 (0.772) |
| Median [Min, Max] | 1.00 [1.00, 4.00] | 1.00 [1.00, 4.00] | 1.00 [1.00, 4.00] |
| Missing | 269 (45.7\%) | 942 (36.4\%) | 1211 (38.2\%) |
| Feeling shy or foolish when talking to teacher, age 10 |  |  |  |


|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | $\begin{gathered} \text { Age at first birth } 20 \\ \text { or older } \\ (\mathrm{N}=\mathbf{2 5 8 5}) \end{gathered}$ | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| no | 232 (39.4\%) | 1025 (39.7\%) | 1257 (39.6\%) |
| yes | 240 (40.7\%) | 1040 (40.2\%) | 1280 (40.3\%) |
| Missing | 117 (19.9\%) | 520 (20.1\%) | 637 (20.1\%) |
| Academic self concept, age 10 |  |  |  |
| Mean (SD) | 12.4 (1.95) | 12.6 (1.82) | 12.6 (1.85) |
| Median [Min, Max] | 12.0 [7.00, 18.0] | 12.8 [7.00, 20.0] | 12.8 [7.00, 20.0] |
| Missing | 114 (19.4\%) | 502 (19.4\%) | 616 (19.4\%) |
| Attitude to child independence, age 5 |  |  |  |
| Mean (SD) | 1.21 (0.787) | 1.34 (0.768) | 1.32 (0.772) |
| Median [Min, Max] | 1.18 [0.0274, 3.41] | 1.28 [0.00218, 3.41] | 1.27 [0.00218, 3.41] |
| Missing | 223 (37.9\%) | 785 (30.4\%) | 1008 (31.8\%) |
| Peers smokes, age 10 |  |  |  |
| most or some | 83 (14.1\%) | 237 (9.2\%) | 320 (10.1\%) |
| none | 392 (66.6\%) | 1843 (71.3\%) | 2235 (70.4\%) |
| Missing | 114 (19.4\%) | 505 (19.5\%) | 619 (19.5\%) |
| Relationship to peers in school, age 10 |  |  |  |
| Mean (SD) | 9.00 (1.66) | 9.14 (1.68) | 9.11 (1.68) |
| Median [Min, Max] | 9.00 [5.00, 13.0] | 9.00 [5.00, 14.0] | 9.00 [ $5.00,14.0]$ |
| Missing | 111 (18.8\%) | 498 (19.3\%) | 609 (19.2\%) |
| Not much liked by other children (mother), age 10 |  |  |  |
| Mean (SD) | 17.8 (21.6) | 14.8 (17.0) | 15.3 (18.0) |
| Median [Min, Max] | 12.0 [0, 100] | 12.0 [0, 99.0] | 12.0 [0, 100] |
| Missing | 101 (17.1\%) | 358 (13.8\%) | 459 (14.5\%) |
| Gestational age in weeks, age 0 |  |  |  |
| Mean (SD) | 39.8 (1.84) | 39.8 (1.69) | 39.8 (1.72) |
| Median [Min, Max] | 40.0 [31.0, 47.0] | 40.0 [30.0, 47.0] | 40.0 [30.0, 47.0] |
| Missing | 167 (28.4\%) | 652 (25.2\%) | 819 (25.8\%) |
| Fetal distress during delivery (heart rate $>160 /<120$ ), age 0 |  |  |  |
| no | 515 (87.4\%) | 2316 (89.6\%) | 2831 (89.2\%) |
| yes | 0 (0\%) | 7 (0.3\%) | 7 (0.2\%) |
| Missing | 74 (12.6\%) | 262 (10.1\%) | 336 (10.6\%) |
| Birthweight, age 0 |  |  |  |
| Mean (SD) | 3220 (519) | 3250 (503) | 3240 (506) |


|  | $\begin{gathered} \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Median [Min, Max] | 3200 [1360, 5450] | 3260 [1020, 5390] | 3260 [1020, 5450] |
| Missing | 50 (8.5\%) | 176 (6.8\%) | 226 (7.1\%) |
| Medical Condition: Hearing or Vision problem, age 5 |  |  |  |
| no | 432 (73.3\%) | 1893 (73.2\%) | 2325 (73.3\%) |
| yes | 41 (7.0\%) | 235 (9.1\%) | 276 (8.7\%) |
| Missing | 116 (19.7\%) | 457 (17.7\%) | 573 (18.1\%) |
| Ever admitted to hospital, age 5 |  |  |  |
| no | 337 (57.2\%) | 1470 (56.9\%) | 1807 (56.9\%) |
| yes | 65 (11.0\%) | 272 (10.5\%) | 337 (10.6\%) |
| Missing | 187 (31.7\%) | 843 (32.6\%) | 1030 (32.5\%) |
| Breastfeeding duration, age 5 |  |  |  |
| Mean (SD) | 4.03 (1.55) | 3.83 (1.58) | 3.87 (1.58) |
| Median [Min, Max] | 5.00 [1.00, 5.00] | 5.00 [1.00, 5.00] | 5.00 [1.00, 5.00] |
| Missing | 122 (20.7\%) | 471 (18.2\%) | 593 (18.7\%) |
| Medical condition that affects daily life or school, age 10 |  |  |  |
| no | 412 (69.9\%) | 1992 (77.1\%) | 2404 (75.7\%) |
| yes | 85 (14.4\%) | 242 (9.4\%) | 327 (10.3\%) |
| Missing | 92 (15.6\%) | 351 (13.6\%) | 443 (14.0\%) |
| Any diagnosed physical condition, age 10 |  |  |  |
| no | 409 (69.4\%) | 1848 (71.5\%) | 2257 (71.1\%) |
| yes | 132 (22.4\%) | 555 (21.5\%) | 687 (21.6\%) |
| Missing | 48 (8.1\%) | 182 (7.0\%) | 230 (7.2\%) |
| Obesity, age 10 |  |  |  |
| underweight | 63 (10.7\%) | 334 (12.9\%) | 397 (12.5\%) |
| normal | 352 (59.8\%) | 1574 (60.9\%) | 1926 (60.7\%) |
| obese | 61 (10.4\%) | 273 (10.6\%) | 334 (10.5\%) |
| Missing | 113 (19.2\%) | 404 (15.6\%) | 517 (16.3\%) |
| Any disabilities, age 10 |  |  |  |
| yes | 141 (23.9\%) | 517 (20.0\%) | 658 (20.7\%) |
| no | 330 (56.0\%) | 1646 (63.7\%) | 1976 (62.3\%) |
| Missing | 118 (20.0\%) | 422 (16.3\%) | 540 (17.0\%) |
| Parents reads to, age 5 |  |  |  |
| no | 71 (12.1\%) | 175 (6.8\%) | 246 (7.8\%) |


|  | $\begin{gathered} \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| yes | 387 (65.7\%) | 1905 (73.7\%) | 2292 (72.2\%) |
| Missing | 131 (22.2\%) | 505 (19.5\%) | 636 (20.0\%) |
| Mothers interest in school (teacher), age 10 |  |  |  |
| Mean (SD) | 2.33 (1.41) | 1.95 (1.30) | 2.02 (1.33) |
| Median [Min, Max] | 2.00 [1.00, 5.00] | 2.00 [1.00, 5.00] | 2.00 [1.00, 5.00] |
| Missing | 128 (21.7\%) | 547 (21.2\%) | 675 (21.3\%) |
| How much time do you spend talking to your parents every day?, age 10 |  |  |  |
| not much | 209 (35.5\%) | 715 (27.7\%) | 924 (29.1\%) |
| a lot | 264 (44.8\%) | 1351 (52.3\%) | 1615 (50.9\%) |
| Missing | 116 (19.7\%) | 519 (20.1\%) | 635 (20.0\%) |
| Parents expects too high standards/over concerend (teacher), age 10 |  |  |  |
| no | 453 (76.9\%) | 1921 (74.3\%) | 2374 (74.8\%) |
| yes | 26 (4.4\%) | 175 (6.8\%) | 201 (6.3\%) |
| Missing | 110 (18.7\%) | 489 (18.9\%) | 599 (18.9\%) |
| Parents dissmisive of childs potential, age 10 |  |  |  |
| no | 458 (77.8\%) | 2043 (79.0\%) | 2501 (78.8\%) |
| yes | 21 (3.6\%) | 53 (2.1\%) | 74 (2.3\%) |
| Missing | 110 (18.7\%) | 489 (18.9\%) | 599 (18.9\%) |
| Age mother think CM will leave school, age 10 |  |  |  |
| 16 years | 250 (42.4\%) | 834 (32.3\%) | 1084 (34.2\%) |
| 17 years | 71 (12.1\%) | 385 (14.9\%) | 456 (14.4\%) |
| 18 years | 153 (26.0\%) | 890 (34.4\%) | 1043 (32.9\%) |
| don't know | 16 (2.7\%) | 93 (3.6\%) | 109 (3.4\%) |
| Missing | 99 (16.8\%) | 383 (14.8\%) | 482 (15.2\%) |
| Are you and your husband completely happy with how your teenager is turning out?, age 16 |  |  |  |
| no | 144 (24.4\%) | 494 (19.1\%) | 638 (20.1\%) |
| yes | 182 (30.9\%) | 1177 (45.5\%) | 1359 (42.8\%) |
| Missing | 263 (44.7\%) | 914 (35.4\%) | 1177 (37.1\%) |
| Weekly Activities shared with parents, n, age 16 |  |  |  |
| Mean (SD) | 1.57 (2.33) | 1.74 (2.22) | 1.71 (2.24) |
| Median [Min, Max] | 0 [0, 13.0] | 1.00 [0, 11.0] | 1.00 [0, 13.0] |
| Missing | 177 (30.1\%) | 521 (20.2\%) | 698 (22.0\%) |
| Parents have visited teens school since sept 85, age 16 |  |  |  |


|  | $\begin{gathered} \hline \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| no | 170 (28.9\%) | 726 (28.1\%) | 896 (28.2\%) |
| yes | 148 (25.1\%) | 899 (34.8\%) | 1047 (33.0\%) |
| Missing | 271 (46.0\%) | 960 (37.1\%) | 1231 (38.8\%) |
| Would like teenager to stay in full time educationa after this school year, and to A levels etc., age 16 |  |  |  |
| no | 225 (38.2\%) | 1116 (43.2\%) | 1341 (42.2\%) |
| yes | 102 (17.3\%) | 568 (22.0\%) | 670 (21.1\%) |
| Missing | 262 (44.5\%) | 901 (34.9\%) | 1163 (36.6\%) |
| Would like teenager to continue som form of fulltime education beyond age 18, age 16 |  |  |  |
| no | 274 (46.5\%) | 1372 (53.1\%) | 1646 (51.9\%) |
| yes | 53 (9.0\%) | 312 (12.1\%) | 365 (11.5\%) |
| Missing | 262 (44.5\%) | 901 (34.9\%) | 1163 (36.6\%) |
| Mothers height, age 0 |  |  |  |
| Mean (SD) | 160 (6.30) | 161 (6.51) | 161 (6.47) |
| Median [Min, Max] | 160 [140, 182] | 161 [138, 185] | 161 [138, 185] |
| Missing | 54 (9.2\%) | 203 (7.9\%) | 257 (8.1\%) |
| Mother's smoking history - if smoked during this pregnancy, age 0 |  |  |  |
| no | 265 (45.0\%) | 1402 (54.2\%) | 1667 (52.5\%) |
| yes | 275 (46.7\%) | 1008 (39.0\%) | 1283 (40.4\%) |
| Missing | 49 (8.3\%) | 175 (6.8\%) | 224 (7.1\%) |
| Parental Rutter Score, age 5 |  |  |  |
| Mean (SD) | 8.54 (4.88) | 7.37 (4.38) | 7.58 (4.49) |
| Median [Min, Max] | 8.00 [0, 27.0] | 7.00 [0, 26.0] | 7.00 [0, 27.0] |
| Missing | 140 (23.8\%) | 558 (21.6\%) | 698 (22.0\%) |
| Mother current smoking, age 5 |  |  |  |
| no | 213 (36.2\%) | 1197 (46.3\%) | 1410 (44.4\%) |
| yes | 247 (41.9\%) | 866 (33.5\%) | 1113 (35.1\%) |
| Missing | 129 (21.9\%) | 522 (20.2\%) | 651 (20.5\%) |
| 1986: (CM's parent) total Malaise score, age 16 |  |  |  |
| Mean (SD) | 9.19 (5.98) | 7.65 (5.26) | 7.90 (5.41) |
| Median [Min, Max] | 8.00 [0, 32.0] | 6.00 [0, 35.0] | 7.00 [0,35.0] |
| Missing | 280 (47.5\%) | 980 (37.9\%) | 1260 (39.7\%) |
| Mother age completion of full-time education, age 0 |  |  |  |
| $<15$ | 45 (7.6\%) | 152 (5.9\%) | 197 (6.2\%) |


|  | $\begin{gathered} \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{gathered} \text { Overall } \\ (\mathbf{N}=3174) \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| 15 | 352 (59.8\%) | 1440 (55.7\%) | 1792 (56.5\%) |
| 16 | 83 (14.1\%) | 404 (15.6\%) | 487 (15.3\%) |
| 17 | 25 (4.2\%) | 162 (6.3\%) | 187 (5.9\%) |
| >17 | 27 (4.6\%) | 228 (8.8\%) | 255 (8.0\%) |
| Missing | 57 (9.7\%) | 199 (7.7\%) | 256 (8.1\%) |
| Father age completion of full-time education, age 0 |  |  |  |
| $<15$ | 39 (6.6\%) | 174 (6.7\%) | 213 (6.7\%) |
| 15 | 351 (59.6\%) | 1342 (51.9\%) | 1693 (53.3\%) |
| 16 | 53 (9.0\%) | 333 (12.9\%) | 386 (12.2\%) |
| 17 | 21 (3.6\%) | 153 (5.9\%) | 174 (5.5\%) |
| >17 | 36 (6.1\%) | 285 (11.0\%) | 321 (10.1\%) |
| Missing | 89 (15.1\%) | 298 (11.5\%) | 387 (12.2\%) |
| Father's Social Class 1970, age 0 |  |  |  |
| one | 15 (2.5\%) | 89 (3.4\%) | 104 (3.3\%) |
| two | 37 (6.3\%) | 281 (10.9\%) | 318 (10.0\%) |
| three, non manual | 35 (5.9\%) | 281 (10.9\%) | 316 (10.0\%) |
| three, manual | 231 (39.2\%) | 1096 (42.4\%) | 1327 (41.8\%) |
| four | 103 (17.5\%) | 334 (12.9\%) | 437 (13.8\%) |
| five | 41 (7.0\%) | 140 (5.4\%) | 181 (5.7\%) |
| other | 27 (4.6\%) | 69 (2.7\%) | 96 (3.0\%) |
| not_supported | 43 (7.3\%) | 109 (4.2\%) | 152 (4.8\%) |
| Missing | 57 (9.7\%) | 186 (7.2\%) | 243 (7.7\%) |
| Mothers's Social Class 1970, age 0 |  |  |  |
| one or two | 28 (4.8\%) | 211 (8.2\%) | 239 (7.5\%) |
| three, non manual | 133 (22.6\%) | 691 (26.7\%) | 824 (26.0\%) |
| three, manual | 20 (3.4\%) | 114 (4.4\%) | 134 (4.2\%) |
| four | 148 (25.1\%) | 467 (18.1\%) | 615 (19.4\%) |
| five | 5 (0.8\%) | 21 (0.8\%) | 26 (0.8\%) |
| other | 6 (1.0\%) | 14 (0.5\%) | 20 (0.6\%) |
| home duties | 156 (26.5\%) | 677 (26.2\%) | 833 (26.2\%) |
| Missing | 93 (15.8\%) | 390 (15.1\%) | 483 (15.2\%) |
| Mother housewife, age 5 |  |  |  |
| no | 193 (32.8\%) | 928 (35.9\%) | 1121 (35.3\%) |


|  | $\begin{gathered} \text { Age at first birth } \\ <20 \\ (\mathrm{~N}=589) \end{gathered}$ | Age at first birth 20 or older ( $\mathrm{N}=2585$ ) | $\begin{aligned} & \text { Overall } \\ & (\mathbf{N}=\mathbf{3 1 7 4}) \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| yes | 276 (46.9\%) | 1190 (46.0\%) | 1466 (46.2\%) |
| Missing | 120 (20.4\%) | 467 (18.1\%) | 587 (18.5\%) |
| Combined parental income per week, age 16 |  |  |  |
| $<150$ | 157 (26.7\%) | 488 (18.9\%) | 645 (20.3\%) |
| 150-249 | 64 (10.9\%) | 417 (16.1\%) | 481 (15.2\%) |
| 250-399 | 40 (6.8\%) | 290 (11.2\%) | 330 (10.4\%) |
| 400+ | 12 (2.0\%) | 111 (4.3\%) | 123 (3.9\%) |
| Missing | 316 (53.7\%) | 1279 (49.5\%) | 1595 (50.3\%) |
| Seriously troubled by financial hardship the last 12 months, age 16 |  |  |  |
| no | 251 (42.6\%) | 1474 (57.0\%) | 1725 (54.3\%) |
| yes | 85 (14.4\%) | 243 (9.4\%) | 328 (10.3\%) |
| Missing | 253 (43.0\%) | 868 (33.6\%) | 1121 (35.3\%) |

