Exhibit 1: Maternal and infant characteristics for infants enrolled in care management since birth

1. Infants in cross-sectional sample

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **All infants in sample** | | **Those healthy at birth** | | **Those sick at birth** | |
|  | In care | Not in care | In care | Not in care | In care | Not in care |
|  | management     management | | management     management | | management     management | |
|  | N=2,524 | N=161,193 | N=453 | N=125,737 | N=2,071 | N=35,453 |
| *Infant Characteristics* |  |  |  |  |  |  |
| Died in first year of life, No. (%) | 9, (0.36) | 1,079, (0.67) | 0, (0.00) | 46, (0.04) | 9, (0.43) | 1,033, (2.91) |
| *Race/Ethnicity* |  |  |  |  |  |  |
| Black, No. (%) | 914, (36.21) | 48,339, (29.99) | 148, (32.67) | 36,966, (29.40) | 766, (36.99) | 11,373, (32.08) |
| Hispanic, No. (%) | 9, (0.36) | 592, (0.37) | 0, (0.00) | 469, (0.37) | 9, (0.43) | 123, (0.35) |
| Other race, No. (%) | 427, (16.92) | 27,406, (17.00) | 52, (11.48) | 21,152, (16.82) | 375, (18.11) | 6,254, (17.64) |
| Male, No. (%) | 1,376, (54.52) | 82,510, (51.19) | 255, (56.29) | 63,732, (50.69) | 1,121, (54.13) | 18,776, (52.96) |
| Well-at-birth indicator, No. (%) | 453, (17.95) | 125,737, (78.00) | 453, (100) | 125,737, (100) | 0, (0.00) | 0, (0.00) |
| Multiple birth indicator, No. (%) | 393, (15.57) | 4,542, (2.82) | 9, (1.99) | 1,727, (1.37) | 384, (18.54) | 2,815, (7.94) |
| *Maternal Characteristics* |  |  |  |  |  |  |
| Ever SUD, No. (%) | 276, (10.94) | 13,734, (8.52) | 47, (10.38) | 9,493, (7.55) | 229, (11.06) | 4,241, (11.96) |
| Ever SMI, No. (%) | 223, (8.84) | 10,528, (6.53) | 44, (9.71) | 7,833, (6.23) | 179, (8.64) | 2,695, (7.60) |
| Ever engaged in care management, No. (%) | 304, (12.04) | 6,642, (4.12) | 45, (9.93) | 4,722, (3.76) | 259, (12.51) | 1,920, (5.42) |
| Age at birth, mean (SD) | 25.93, (5.73) | 25.51, (5.46) | 24.46, (5.07) | 25.38, (5.38) | 26.25, (5.82) | 25.96, (5.69) |
| *Community Characteristics* |  |  |  |  |  |  |
| PCP per 100k, mean (SD) | 83.93, (53.76) | 78.74, (53.26) | 95.26, (51.10) | 77.99, (53.14) | 81.46, (54.03) | 81.39, (53.57) |
| Unemployment rate, mean (SD) | 0.08, (0.02) | 0.08, (0.02) | 0.09, (0.02) | 0.08, (0.02) | 0.08, (0.02) | 0.08, (0.02) |
| % in poverty, mean (SD) | 16.85, (3.22) | 16.71, (3.31) | 16.66, (2.97) | 16.67, (3.32) | 16.89, (3.27) | 16.85, (3.28) |
| % non-white, mean (SD) | 0.21, (0.12) | 0.19, (0.12) | 0.19, (0.12) | 0.18, (0.12) | 0.21, (0.12) | 0.19, (0.12) |
| % smokers, mean (SD) | 21.66, (3.57) | 22.17, (3.80) | 22.22, (3.38) | 22.20, (3.80) | 21.53, (3.60) | 22.06, (3.80) |

1. Infants in within-family design

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **All infants with siblings** | | **All siblings well at birth** | | **All siblings not well at birth** | |
|  | In care | Not in care | In care | Not in care | In care | Not in care |
|  | management    management | | management     management | | management      management | |
|  | N=1129 | N=60,433 | N=158 | N=39,522 | N=594 | N=6,426 |
| *Infant Characteristics* |  |  |  |  |  |  |
| Died in first year of life, No. (%) | 3, (0.27) | 514, (0.85) | 0, (0.00) | 15, (0.04) | 1, (0.17) | 251, (3.91) |
| *Race/Ethnicity* |  |  |  |  |  |  |
| Black, No. (%) | 426, (37.73) | 19,932, (32.98) | 52, (32.91) | 12,660, (32.03) | 228, (38.38) | 2,332, (36.29) |
| Hispanic, No. (%) | 4, (0.35) | 148, (0.24) | 0, (0.00) | 93, (0.24) | 3, (0.51) | 12, (0.19) |
| Other race, No. (%) | 175, (15.50) | 9,548, (15.80) | 18, (11.39) | 6,163, (15.59) | 94, (15.82) | 1,000, (15.56) |
| Male, No. (%) | 635, (56.24) | 30,825, (51.01) | 98, (62.03) | 20,031, (50.68) | 317, (53.37) | 3,307, (51.46) |
| Well-at-birth indicator, No. (%) | 189, (16.74) | 46,615, (77.14) | 158, (100) | 39,522, (100) | 0, (0.00) | 0, (0.00) |
| Multiple birth indicator, No. (%) | 388, (34.37) | 4,477, (7.41) | 5, (3.16) | 1,502, (3.80) | 370, (62.29) | 2,502, (38.94) |
| *Maternal Characteristics* |  |  |  |  |  |  |
| Ever SUD, No. (%) | 114, (10.10) | 5,339, (8.83) | 16, (10.13) | 2,893, (7.32) | 62, (10.44) | 840, (13.07) |
| Ever SMI, No. (%) | 91, (8.06) | 4,020, (6.65) | 14, (8.86) | 2,508, (6.35) | 55, (9.26) | 502, (7.81) |
| Ever engaged in care management, No. (%) | 129, (11.43) | 2,682, (4.44) | 13, (8.23) | 1,528, (3.87) | 89, (14.98) | 484, (7.53) |
| Age at birth, mean (SD) | 25.71, (5.45) | 25.12, (4.98) | 23.77, (4.86) | 24.98, (4.87) | 26.31, (5.52) | 26.13, (5.37) |
| *Community Characteristics* |  |  |  |  |  |  |
| PCP per 100k, mean (SD) | 82.00, (53.86) | 79.22, (53.56) | 96.43, (50.05) | 78.19, (53.13) | 77.74, (53.98) | 82.55, (55.01) |
| Unemployment rate, mean (SD) | 0.08, (0.02) | 0.08, (0.02) | 0.09, (0.02) | 0.08, (0.02) | 0.08, (0.02) | 0.08, (0.02) |
| % in poverty, mean (SD) | 16.93, (3.18) | 16.79, (3.23) | 16.29, (3.33) | 16.74, (3.24) | 17.04, (3.14) | 16.98, (3.18) |
| % non-white, mean (SD) | 0.21, (0.12) | 0.19, (0.12) | 0.19, (0.12) | 0.19, (0.11) | 0.21, (0.12) | 0.20, (0.12) |
| % smokers, mean (SD) | 21.65, (3.67) | 22.18, (3.79) | 21.67, (3.06) | 22.24, (3.80) | 21.65, (3.83) | 22.01, (3.74) |

Source: Author calculations using claims data. SUD indicator represents substance use disorder, SMI represents serious mental illness, and PCP abbreviates primary care providers. For summaries of binary (0,1) variables, both the count and percent are provided. For continuous variables both the mean and the standard deviation are reported. The first panel (A) contains summary statistics for all infants in our cross-sectional research design. The second panel (B) contains those infants in our within-family research design.