**Supplementary Table S1.** Participant characteristics overall, by pre-pregnancy substance use status (may include individuals with SUD), by pre-pregnancy substance use status in women without any SUD, and by SUD status in the past 12 months

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Total** | **Prepregnancy Substance Use** a,c | **Prepregnancy Substance Use, Excluding Women with SUD** a,c | **Substance Use Disorder** b,c |
|  |  | **n=1115** | **Yes** | **No** | **Yes** | **No** | **Yes** | **No** |
| **Maternal Characteristics** | **%** |  **n=677** |  **n=431** |  **n=514** |  **n=422** |  **n=172**  |  **n=941** |
| Age (years)  |  |  |  |  |  |  |  |
|  | ≤ 24 | 24.3 | 22.3 | 27.4 | **17.9** | **27.7** | **34.9** | **22.3** |
|  | 25-34 | 56.1 | 57.0 | 54.3 | **59.1** | **53.6** | **52.3** | **56.8** |
|  | ≥ 35 | 19.6 | 20.7 | 18.3 | **23.0** | **18.7** | **12.8** | **20.9** |
| Race/Ethnicity  |  |  |  |  |  |  |  |
|  | White non-Hispanic | 38.7 | **44.9** | **29.5** | **48.3** | **29.4** | 34.3 | 39.6 |
|  | Black non-Hispanic | 39.0 | **37.4** | **41.3** | **34.4** | **41.2** | 46.5 | 37.6 |
|  | Hispanic | 15.3 | **12.1** | **20.2** | **11.9** | **20.4** | 12.8 | 15.6 |
|  | Other d | 7.0 | **5.6** | **9.1** | **5.5** | **9.0** | 6.4 | 7.1 |
| Education  |  |  |  |  |  |  |  |
|  | Less than high school | 10.0 | **10.6** | **9.1** | **8.2** | **9.2** | **17.4** | **8.6** |
|  | High school degree | 27.5 | **21.7** | **36.0** | **20.6** | **35.8** | **26.2** | **27.7** |
|  | Some college | 26.0 | **24.4** | **29.0** | **23.2** | **29.2** | **27.9** | **25.7** |
|  | College degree or higher | 36.4 | **43.3** | **26.0** | **48.1** | **25.8** | **28.5** | **37.9** |
| Married or living as married  | 50.6 | **53.8** | **46.2** | **60.1** | **46.0** | **34.9** | **53.6** |
| Received public assistance in past year  | 43.3 | **37.7** | **51.7** | **32.1** | **52.1** | **54.1** | **41.3** |
| First pregnancy  | 29.6 | **32.9** | **24.6** | **31.7** | **24.4** | **36.6** | **28.4** |
| Child and family services case c | 6.5 | **8.4** | **3.6** | **6.3** | **3.4** | **14.9** | **4.9** |
| Depression or anxiety (self-report) | 27.4 | **32.1** | **20.7** | **27.4** | **20.9** | **44.8** | **24.3** |
| Pain or discomfort (self-report) | 49.2 | **52.4** | **44.3** | 49.0 | 43.6 | **64.0** | **46.4** |
| Neighborhood is safe c | 88.9 | **86.1** | **92.6** | 90.3 | 92.8 | **74.1** | **91.5** |
| Lives with someone using non-prescribed drugs  | 5.5 | **6.9** | **3.3** | 4.7 | 3.3 | **13.4** | **4.0** |
| Partner has a problem with substance use  | 7.7 | **9.8** | **4.6** | 6.0 | 4.5 | **20.9** | **5.3** |
| Friends have a problem with substance use  | 23.6 | **27.9** | **16.9** | 21.0 | 16.4 | **49.4** | **18.8** |
| Parents have a problem with substance use  | 28.5 | **30.9** | **24.6** | 26.5 | 24.6 | **43.6** | **25.8** |
| Tobacco use  | 21.9 | **28.1** | **11.8** | **22.0** | **12.1** | **44.8** | **17.5** |
| **Pregnancy characteristics** |  |  |
| Pregnancy self-reported to be: |  |  |  |  |  |  |  |
|  | At the right time (vs. OK or wrong time) c | 59.6 | 57.7 | 62.1 | 65.0 | 62.2 | **35.5** | **63.9** |
|  | Intended (vs. changing intentions or unintended) c | 51.3 | 50.7 | 51.8 | 56.3 | 51.7 | **34.3** | **54.2** |
| Pregnancy trimester at study enrollment |  |  |  |  |  |  |  |
|  | First | 34.9 | 35.6 | 34.3 | 35.6 | 34.4 | **35.5** | **34.8** |
|  | Second | 32.7 | 33.2 | 31.3 | 33.7 | 31.3 | **32.0** | **32.7** |
|  | Third | 32.5 | 31.2 | 34.3 | 30.7 | 34.4 | **32.6** | **32.5** |
| Bold indicates significance at the p < 0.05 level; table displays row percentages and the total row displays column percentagesa Includes either self-report of use in the month prior to pregnancy or positive urine drug test at the prenatal visit of study enrollment of alcohol, amphetamines, barbiturates, cocaine, marijuana, and opioidsb Includes alcohol, marijuana, heroin, prescription drug, and stimulant use disordersc Missing data includes 20 child and family services case, 339 neighborhood safety, 9 pregnancy timing, 9 pregnancy intention in the total column; additionally, 2 individuals are missing all data in the SUD column and 7 individuals are missing all data in the substance use columnd Includes Arab ethnicity or American Indian/Alaska Native, Asian, Native Hawaiian or other Pacific Islander, or unknown race |