**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 percentages  a 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 opioids  b Includes alcohol, marijuana, heroin, prescription drug, and stimulant use disorders  c 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 column  d Includes Arab ethnicity or American Indian/Alaska Native, Asian, Native Hawaiian or other Pacific Islander, or unknown race | | | | | | | | |