Formulas Used for Each of the Tables

Domain I: Personal Health and Lifestyle

Preventive Health

I.1.1 Estimated Percent of Women (Age 18-44) Who Have Current Health Coverage by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Have Health Coverage}}{\text{Weighted Sums of Women (Age 18-44) With a Response to Health Coverage}} \times 100$$

I.1.2 Estimated Percent of Women (Age 18-44) Who Had a Routine Health Check-Up in the Past Year by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Reported a Health Check-Up in the Past Year}}{\text{Weighted Sums of Women (Age 18-44) With a Response to Health Check-Up}} \times 100$$

I.1.3 Estimated Percent of Women (Age 18-44) Who Did Not See a Physician Due to Cost in the Past Year by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Did Not See a Physician in the Past Year Due to Cost}}{\text{Weighted Sums of Women (Age 18-44) With a Response to Not Seeing a Physician Due to Cost}} \times 100$$

I.1.4 Estimated Percent of Women Whose Teeth Were Cleaned in the Year Prior to Pregnancy by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Women Who Reported Having Their Teeth Cleaned in theYear Prior to Pregnancy}}{\text{Weighted Sums of Women With Response to if They Had Their Teeth Cleaned in Year Prior to Pregnancy}} \times 100$$

I.1.5 Estimated Percent of Women (Age 18-44) Who Received an Influenza Vaccine in the Past Year by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Received an Influenza Vaccine in the Past Year}}{\text{Weighted Sums Women (Age 18-44) With a Response to Having an Influenza Vaccine in the Past Year}} \times 100$$

I.1.6 Estimated Percent of Women (Age 18-44) With No Pap Test in the Past Three Years by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Had No Pap Test in the Past Three Years}}{\text{Weighted Sums of Women (Age 18-44) With a Response to How Long Since Last Pap Test}} \times 100$$

Exercise and Healthy Weight

I.2.1 Estimated Percent of Women (Age 18-44) Who Are Overweight (BMI 25 to < 30) by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women 18-44 Who Are Overweight Based on Body Mass Index (BMI 25 to <30)}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Weight Question}} \times 100$$

I.2.2 Estimated Percent of Women (Age 18-44) Who Are Obese (BMI 30+) by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Are Obese Based on Body Mass Index (BMI 30+)}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Weight Question}} \times 100$$

I.2.3 Estimated Percent of Women (Age 18-44) Who Engage in Adequate Physical Activity by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Meet Physical Activity Recommendations}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Physical Activity Question}} \times 100$$

Nutrition

I.3.1 Estimated Percent of Women (Age 18-44) Who Consumed Five or More Fruits & Vegetables per Day by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Consumed 5+ Fruits and Vegetables per Day}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Fruits and Vegetables Question}} \times 100$$

I.3.2 Estimated Percent of Women Who Took a Multivitamin Daily in the Month Prior to Pregnancy by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Women Who Took a Multivitamin Daily in the Month Prior to Pregnancy}}{\text{Weighted Sums of Women With a Response to How Often a Multivitamin Taken}} \times 100$$

Stressors and Resilience

I.4.1 Estimated Percent of Women (Age 18-44) Reporting Their Mental Health Was Not Good 14 or More of the Past 30 Days by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Reporting Mental Health Not Good 14+ Days of Past 30 Days}}{\text{Weighted Sums of Women (Age 18-44) With a Response to Mental Health Question}} \times 100$$

I.4.2 Estimated Percent of Women (Age 18-44) Who Are Current Smokers by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Are Current Smokers}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Smoking Question}} \times 100$$

I.4.3 Esitmated Percent of Women (Age 18-44) Who Participated in Heavy Drinking in the Past Month by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Participated in Heavy Drinking in Past Month}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Heavy Drinking Question}} \times 100$$

I.4.4 Estimated Percent of Women (Age 18-44) Who Participated in Binge Drinking in the Past Month by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Participated in Binge Drinking in Past Month}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Binge Drinking Question}} \times 100$$

I.4.5 Estimated Percent of Women Who Were Physically Abused by Spouse in the Year Before Pregnancy by Race [PRAMS Data

$$\frac{\text{Weighted Sums of Women Physically Abused by Spouse in Year Before Pregnancy}}{\text{Weighted Sums of Women With Responses to Physical Abuse Question}} \times 100$$

I.4.6 Estimated Percent of Women (Age 18-44) Who Had Adequate Social Support by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Who Had Adequate Social Support}}{\text{Weighted Sums of Women (Age 18-44) With Responses to How Often Received Social Support}} \times 100$$

Chronic Conditions

I.5.1 Estimated Percent of Women (Age 18-44) Told They Had Diabetes Including Gestational Diabetes by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Were Told They Had Diabetes Including Gestational Diabetes}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Diabetes Question}} \times 100$$

I.5.2 Estimated Percent of Women (Age 18-44) Who Were Told They Had Hypertension Including Gestational Hypertension by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Were Told They Had Hypertension Including Gestational Hypertension}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Hypertension Awareness Question}} \times 100$$

I.5.3 Estimated Percent of Women (Age 18-44) Who Currently Have Asthma by Race [BRFSS Data]

$$\frac{\text{Weighted Sums of Women (Age 18-44) Who Currently Have Asthma}}{\text{Weighted Sums of Women (Age 18-44) With Responses to Asthma Question}} \times 100$$

I.5.4 Age-Adjusted Heart Disease Death Rate* (Women Age 15+) per 100,000 by Race

$$\frac{\text{Total Expected Number of Deaths Due to Heart Disease}^{*}\text{ (Women Age 15+)}}{\text{Total Number of Persons Age 15 or Older in the Standard Population}} \times 100{,}000$$

*Based on primary or underlying cause of death (ICD-10 Codes I00-I09, I11, I13, and I20-I51) for each state and the Region, age-adjusted rates were calculated using a standard population (the projected year 2000 U.S. population).

I.5.5 Age-Adjusted Lung Cancer Death Rate* (Women Age 15+) per 100,000 by Race

$$\frac{\text{Total Expected Number of Deaths Due to Lung Cancer}^{*}\text{ (Women Age 15+)}}{\text{Total Number of Persons Age 15 or Older in the Standard Population}} \times 100{,}000$$

*Based on primary or underlying cause of death (ICD-10 Codes C33-C34) for each state and the Region, age-adjusted rates were calculated using a standard population (the projected year 2000 U.S. population).

I.5.6 Age-Adjusted Breast Cancer Death Rate* (Women Age 15+) per 100,000 by Race

$$\frac{\text{Total Expected Number of Deaths Due to Breast Cancer}^{*}\text{ (Women Age 15+)}}{\text{Total Number of Persons Age 15 or Older in the Standard Population}} \times 100{,}000$$

*Based on primary or underlying cause of death (ICD-10 Codes C50) for each state and the Region, age-adjusted rates were calculated using a standard population (the projected year 2000 U.S. population).

I.5.7 Age-Adjusted Unintentional Overall Motor Vehicle Injury Death Rate* (Women Age 15+) per 100,000 by Race

$$\frac{\text{Total Expected Number of Deaths Due to Motor Vehicle Injury}^{*}\text{ (Women Age 15+)}}{\text{Total Number of Persons Age 15 or Older in the Standard Population}} \times 100{,}000$$

*Based on primary or underlying cause of death (ICD-10 Codes V02-V04, V09.0, V09.2, V12-14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2) for each state and the Region, age-adjusted rates were calculated using a standard population (the projected year 2000 U.S. population).

Infections

I.6.1 Rate of Sexually Transmitted Diseases/Reproductive Tract Infections (Combined Syphilis, Gonorrhea, and Chlamydia) in Women (Age 15+) per 100,000 by Race and Ethnicity

$$\frac{\text{Number of Cases of STDs (Combined Syphilis, Gonorrhea, and Chlamydia) in Women (Age 15+)}}{\text{Number of Women Age 15 or Older}} \times 100{,}000$$

I.6.2 Number of Women (Age 13-19 Years) Newly Diagnosed as HIV Positive

I.6.3 Number of Women (Age 20-29 Years) Newly Diagnosed as HIV Positive

I.6.4 Number of Women (Age ≥ 30 Years) Newly Diagnosed as HIV Positive

Domain II: Family Planning

Access Indicators

II.1.1 Estimated Number of Women (Age 15-44) In Need of Publicly Funded Family Planning Services

II.1.2 Ratio of Women (Age 13-19) Served by the Title X Program to the Estimated Number of Women (Age 15-19) In Need of Family Planning Services per 100

$$\frac{\text{Number of Women (Age 13-19) Served by the Title X Program}}{\text{Estimated Number of Women (Age 15-19) in the In Need Population}} \times 100$$

II.1.3 Ratio of the Women (Age 20-44, < 150% of Poverty) Served by the Title X Program to the Estimated Number of Women (Age 20-44, < 150% of Poverty) In Need of Family Planning Services per 100

$$\frac{\text{Number of Women (Age 20-44, < 150\% of Poverty) Served by the Title X Program}}{\text{Estimated Number of Women (Age 20-44, < 150 \% of Poverty) in the In Need Population}} \text{ X } 100$$

II.1.4 Ratio of Women (as Defined by II.1.2 and II.1.3) Served by the Title X Program to the Estimated Number of Women (as Defined by II.1.2 and II.1.3) In Need of Family Planning Services per 100

$$\frac{\text{Number of Women (as Defined by II.1.2 and II.1.3) Served by the Title X Program}}{\text{Estimated Number of Women (as Defined by II.1.2 and II.1.3) in the In Need Population}} \text{ X } 100$$

II.1.5 Ratio of Title X Family Planning Clinical Service Encounters* to Full Time Equivalent Title X Clinical Service Providers

$$\frac{\text{Number of Title X Family Planning Clinical Service Encounters}^{*}}{\text{Number of Full Time Equivalent Title X Clinical Service Providers}}$$

*For 2000-2004, primary medical services personnel include physicians, physician assistants, nurse practioners, and and nurse midwives. Since 2005, this table is based on encounters and FTEs for clinical service providers, including physicians, physician assistants, nurse practitioners, nurse midwives and other providers (i.e, registered nurses).

II.1.6 Ratio of Women In Need to Full Time Equivalent Title X Clinical Service Providers*

$$\frac{\text{Number of Women in Need of Publicly Funded Family Planning Services}}{\text{Number of Full Time Equivalent Title X Clinical Service Providers}^{*}}$$

*For 2000-2004, primary medical services personnel include physicians, physician assistants, nurse practioners, and and nurse midwives. Since 2005, this table is based on FTEs for clinical service providers, including physicians, physician assistants, nurse practitioners, nurse midwives and other providers (i.e, registered nurses).

Services Provided

II.2.1 Total Number of Title X Family Planning Users (Male and Female) by Race and Ethnicity [FPAR Data]

II.2.2 Percent of Female Title X Family Planning Users Obtaining a Pap Test [FPAR Data]

$$\frac{\text{Number of Female Title X Family Planning Users Who Obtained a Pap Test}}{\text{Number of Female Title X Family Planning Users}} \text{ X } 100$$

II.2.3 Percent of Title X Family Planning Users Receiving a Clinical Breast Exam [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Received a Clinical Breast Exam}}{\text{Number of Title X Family Planning Users}} \text{ X } 100$$

II.2.4 Percent of Title X Family Planning Users Tested for Chlamydia Who Were Less than 18 Years of Age by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Age Less Than 18 Years Who Were Tested for Chlamydia}}{\text{Number of Title X Family Planning Users Who Were Tested for Chlamydia}} \text{ X } 100$$

II.2.5 Percent of Title X Family Planning Users Tested for Chlamydia Who Were 18-24 Years of Age by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Age 18-24 Who Were Tested for Chlamydia}}{\text{Number of Title X Family Planning Users Who Were Tested for Chlamydia}} \text{ X } 100$$

II.2.6 Percent of Title X Family Planning Users Tested for Chlamydia Who Were Age 25 or More by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Age 25+ Who Were Tested for Chlamydia}}{\text{Number of Title X Family Planning Users Who Were Tested for Chlamydia}} \text{ X } 100$$

Contraceptive Use

II.3.1 Total Number of Title X Family Planning Users with Incomes ≤ 150 Percent of Poverty (Male and Female) [FPAR Data]

II.3.2 Percent of Title X Family Planning Users (Male and Female) by Income Status: ≤ 100 % FPL [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users at} \leq 100\ \%\ \text{of Federal Poverty Level}}{\text{Number of Title X Family Planning Users Whose Income Level is Known}} \times 100$$

II.3.3 Percent of Title X Family Planning Users (Male and Female) by Income Status: ≤ 150 % FPL [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users at} \leq 150\ \%\ \text{of Federal Poverty Level}}{\text{Number of Title X Family Planning Users Whose Income Level is Known}} \times 100$$

II.3.4 Percent of Title X Family Planning Users (Male and Female) by Income Status: Greater Than 150 % FPL [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users at} > 150\ \%\ \text{of Federal Poverty Level}}{\text{Number of Title X Family Planning Users Whose Income Level is Known}} \times 100$$

II.3.5 Percent of Title X Family Planning Users Who Were Less Than 15 Years of Age by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age} < 15}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.6 Percent of the Title X Family Planning Users Who Were Age 15-17 by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age 15-17}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.7 Percent of the Title X Family Planning Users Who Were Age 18-19 by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age 18-19}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.8 Percent of the Title X Family Planning Users Who Were Age 20-24 by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age 20-24}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.9 Percent of the Title X Family Planning Users Who Were Age 25-29 by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age 25-29}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.10 Percent of the Title X Family Planning Users Who Were Age 30 or More by Sex [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users Who Were Age 30 or More}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.11 Percent of the Title X Family Planning Users (Male and Female) by Race and Ethnicity [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users in Each Racial/Ethnic Group}}{\text{Total Number of Title X Family Planning Users}} \times 100$$

II.3.12 Number of the Title X Family Planning Users Who Were Male by Race and Ethnicity [FPAR Data]

II.3.13 Percent of Title X Family Planning Users (Male and Female) by Insurance Coverage [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users by Insurance Status}}{\text{Total Number of Title X Family Planning Users Whose Insurance Status is Known}} \times 100$$

II.3.14 Percent of Title X Family Planning Users (Male and Female) with Limited English Proficiency [FPAR Data]

$$\frac{\text{Number of Title X Family Planning Users With Limited English Proficiency}}{\text{Number of Title X Family Planning Users}} \text{ X } 100$$

II.3.15 Percent of Female Title X Family Planning Contraceptive Users Whose Primary Method Lasts Longer Than Three Months [FPAR Data]

$$\frac{\text{Number of Family Planning Contraceptive Users Whose Primary Method Lasts Longer Than Three Months}}{\text{Number of Family Planning Contraceptive Users}} \text{ X } 100$$

II.3.16 Percent of Female Title X Family Planning Contraceptive Users Whose Primary Method Lasts One to Three Months [FPAR Data]

$$\frac{\text{Number of Family Planning Contraceptive Users Whose Primary Method Lasts One to Three Months}}{\text{Number of Family Planning Contraceptive Users}} \text{ X } 100$$

II.3.17 Percent of Female Title X Family Planning Contraceptive Users Whose Primary Method Was Encounter Specific [FPAR Data]

$$\frac{\text{Number of Family Planning Contraceptive Users Whose Primary Method Was Encounter Specific}}{\text{Number of Family Planning Contraceptive Users}} \text{ X } 100$$

II.3.18 Percent of Female Title X Family Planning Contraceptive Users Whose Primary Method Was Unspecified or Unknown [FPAR Data]

$$\frac{\text{Number of Family Planning Contraceptive Users Whose Primary Method Was Unspecified or Unknown}}{\text{Number of Family Planning Contraceptive Users}} \text{ X } 100$$

II.3.19 Estimated Percent of Women with a Live Birth That Were Doing Something to Keep from Getting Pregnant at Time of Pregnancy by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Women with a LB Reporting They or Partner Doing Something to Keep From Getting Pregnant at Time of Pregnancy}}{\text{Weighted Sums of Women Responding to Whether They Were Doing Anything to Keep From Getting Pregnant at Time of Pregnancy}} \text{ X } 100$$

Program Expenditures

II.4.1 Percent of Total Family Planning Program Expenditures That Come from Title X [FPAR Data]

$$\frac{\text{Total Family Planning Expenditures That Were Title X State Dollars}}{\text{Total Family Planning Expenditures}} \text{ X } 100$$

II.4.2 Percent of Total Family Planning Program Expenditures That Come from Medicaid and SCHIP [FPAR Data]

$$\frac{\text{Total Family Planning Expenditures Using Medicaid and State Children′s Health Insurance Program Dollars}}{\text{Total Family Planning Expenditures}} \text{ X } 100$$

II.4.3 Percent of Total FP Program Expenditures That Come from State Government Grants and Contracts [FPAR Data]

$$\frac{\text{Total Family Planning Expenditures Using State Government Grants and Contracts Dollars}}{\text{Total Family Planning Expenditures}} \text{ X } 100$$

II.4.4 Percent of Total Family Planning Program Expenditures That Come from Other Sources [FPAR Data]

$$\frac{\text{Total Family Planning Expenditures Using Dollars from Other Sources}}{\text{Total Family Planning Expenditures}} \text{ X } 100$$

II.4.5 Average Family Planning Program Dollars Spent Per Person Served [FPAR Data]

$$\frac{\text{Total Family Planning Expenditures}}{\text{Total Title X Family Planning Caseload}}$$

II.4.6 Ratio of Family Planning Program Dollars [FPAR Data] to the Estimated Number of Women In Need

$$\frac{\text{Total Family Planning Expenditures}}{\text{Estimated Number of Women (Age 15-44) in the In Need Population}}$$

Domain III: Fertility

Rates

III.1.1 Fertility Rate (Age 10-14) per 1,000 by Race

$$\frac{\text{Number of Live Births to Adolescents 10-14 Years}}{\text{Number of Female Adolescents 10-14 Years}} \text{ X } 1{,}000$$

III.1.2 Fertility Rate (Age 10-17) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births to Women Age 10-17}}{\text{Number of Women Age 10-17}} \text{ X } 1{,}000$$

III.1.3 Fertility Rate (Age 18-24) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births to Women Age 18-24}}{\text{Number of Women Age 18-24}} \text{ X } 1{,}000$$

III.1.4 Fertility Rate (Age 25-44) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births to Women 25-44 Years}}{\text{Number of Women 25-44 Years}} \text{ X } 1{,}000$$

High-Risk Childbearing

III.2.1 Percent of Live Births to Teens (Age <18) by Race

$$\frac{\text{Number of Live Births to Teens} < 18 \text{ Years}}{\text{Number of Live Births}} \text{ X } 100$$

III.2.2 Percent of Live Births to Women (Age 35-39) by Race

$$\frac{\text{Number of Live Births to Women Age 35-39 Years}}{\text{Number of Live Births}} \text{ X } 100$$

III.2.3 Percent of Live Births to Women (Age ≥ 40) by Race

$$\frac{\text{Number of Live Births to Women Age 40 or More Years}}{\text{Number of Live Births}} \text{ X } 100$$

III.2.4 Percent of Live Births to Women at High Risk Determined by Age and Pregnancy History* by Race

$$\frac{\text{Number of Live Births to Women With High Risk Age/Pregnancy History Combinations}^{*}}{\text{Number of Live Births}} \text{ X } 100$$

*See Appendix C for definition

III.2.5 Percent of Live Births to Women with Three or More Prior Pregnancies by Race

$$\frac{\text{Number of Live Births to Women Who Have Three or More Prior Pregnancies}}{\text{Number of Live Births}} \times 100$$

III.2.6 Percent of Live Births to Women (Age >18) With Less Than a 12th Grade Education by Race and Ethnicity

$$\frac{\text{Number of Live Births to Women Age > 18 and With Education < 12 Grade}}{\text{Number of Live Births to Women Age > 18 Years}} \times 100$$

III.2.7 Percent of Teen (Age ≤ 17) Live Births and Fetal Deaths* That Were Repeat Pregnancies by Race**

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Teens} \leq 17 \text{ Years That Were} \geq \text{2nd Pregnancy}^{**}}{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Teens} \leq 17 \text{ Years}} \times 100$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

**Repeat pregnancy includes live births now living plus live births now dead plus other terminations.

III.2.8 Percent of Teen (Age 18-19) Live Births and Fetal Deaths* That Were Repeat Pregnancies by Race**

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Teens 18-19 Years That Were} \geq \text{2nd Pregnancy}^{**}}{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Teens 18-19 Years}} \times 100$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

**Repeat pregnancy includes live births now living plus live births now dead plus other terminations.

III.2.9 Percent of Women (Age 20-21) with Live Births and Fetal Deaths* That Were Repeat Pregnancies by Race**

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Women 20-21 Years That Were} \geq \text{2nd Pregnancy}^{**}}{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ to Women 20-21 Years}} \times 100$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

**Repeat pregnancy includes live births now living plus live births now dead plus other terminations.

Domain IV: Pregnancy

Rates

IV.1.1 Estimated Adolescent Pregnancy Rate (Age 10-14) per 1,000 by Race

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ plus Induced Abortions to Adolescents 10-14 Years}}{\text{Number of Female Adolescents 10-14 Years}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

IV.1.2 Estimated Adolescent Pregnancy Rate (Age 10-17) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ plus Induced Abortions to Adolescents 10-17 Years}}{\text{Number of Female Adolescents 10-17 Years}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

IV.1.3 Estimated Pregnancy Rate (Age 18-24) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ plus Induced Abortions to Women 18-24 Years}}{\text{Number of Women 18-24 Years}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

IV.1.4 Estimated Pregnancy Rate (Age 25-44) per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Live Births plus Fetal Deaths}^{*} \text{ plus Induced Abortions to Women 25-44 Years}}{\text{Number of Women 25-44 Years}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

Intentions, Ambivalence

IV.2.1 Estimated Percent of Live Births Resulting from Unintended Pregnancies (Age ≤ 19) by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Live Births Resulting from Unintended Pregnancy (Age} \leq 19)}{\text{Weighted Sums of Women (Age} \leq 19) \text{ With a Response to Intendedness}} \times 100$$

IV.2.2 Estimated Percent of Live Births Resulting from Unintended Pregnancies (Age 20-29) by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Live Births Resulting from Unintended Pregnancy (Age 20-29)}}{\text{Weighted Sums of Women (Age 20-29) With a Response to Intendedness}} \times 100$$

IV.2.3 Estimated Percent of Live Births Resulting from Unintended Pregnancies (Age ≥ 30) by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Live Births Resulting from Unintended Pregnancy (Age} \geq 30)}{\text{Weighted Sums of Women (Age} \geq 30) \text{ With a Response to Intendedness}} \times 100$$

IV.2.4 Estimated Percent of Women with a Live Birth and Not Trying to Become Pregnant Who Were Using No Contraceptive Method by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Women with a LB Reporting They or Partner Not Doing Anything to Avoid Getting Pregnant at Time of Pregnancy}}{\text{Weighted Sums of Women Responding to Whether They Were Doing Anything to Keep From Getting Pregnant at Time of Pregnancy}} \times 100$$

Service Utilization (PNC/WIC)

IV.3.1 Percent of Live Births with No Prenatal Care by Race and Ethnicity

$$\frac{\text{Number of Live Births with No Prenatal Care}}{\text{Number of Live Births With Known Initiation of Care}} \times 100$$

IV.3.2 Percent of Live Births with Prenatal Care Starting After the First Trimester* by Race

$$\frac{\text{Number of Live Births with Prenatal Care Starting After the First Trimester}^{*}}{\text{Number of Live Births With Known Initiation of Care}} \times 100$$

*Live births with no prenatal care are not included in the numerator

IV.3.3 Percent of Live Births with Adequate or Adequate Plus Prenatal Care (Kotelchuck Index*) by Race and Ethnicity

$$\frac{\text{Number of Live Births with Adequate or Adequate Plus Prenatal Care (Kotelchuck Index*)}}{\text{Number of Live Births Whose Level of Care is Known}} \times 100$$

*See Appendix D for definition

IV.3.4 Ratio of the Number of Women Receiving Prenatal WIC Assistance to the Number of Live Births per 100 by Race

$$\frac{\text{Number of Women Receiving Prenatal WIC Assistance}}{\text{Number of Live Births}} \times 100$$

Smoking

IV.4.1 Percent of Live Births to Teens (Age <18) Who Smoked by Race

$$\frac{\text{Number of Live Births to Teens Age < 18 Who Used Tobacco During Their Pregnancy}}{\text{Number of Live Births to Teens Age < 18 Years}} \times 100$$

IV.4.2 Percent of Live Births to Women (Age ≥ 18) Who Smoked by Race

$$\frac{\text{Number of Live Births to Women Age} \geq 18 \text{ Who Used Tobacco During Their Pregnancy}}{\text{Number of Live Births to Women Age} \geq 18 \text{ Years}} \times 100$$

IV.4.3 Percent of Live Births to Women (All Ages) Who Smoked by Race and Ethnicity

$$\frac{\text{Number of Live Births to All Women Who Used Tobacco During Their Pregnancy}}{\text{Number of Live Births}} \times 100$$

Previous Preterm Births

IV.5.1 Estimated Percent of Live Births to Women with Previous Preterm Delivery (< 37 Weeks) by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Live Births to Women Whose Last Baby Was Born More Than Three Weeks Early}}{\text{Weighted Sums of Live Births to Women With a Response to Whether Their Last Baby Was Born More Than 3 Weeks Early}} \times 100$$

Spacing (Risk, Optimal)

IV.6.1 Percent of Live Births (Excluding First Pregnancies) with Interval to Conception of ≤ 6 Months by Race and Ethnicity

$$\frac{\text{Number of Live Births with an Interval to Conception from Last Live Birth or Other Termination of} \leq 6 \text{ Months}}{\text{Number of Live Births for Which This Was the Second or Greater Pregnancy}} \times 100$$

IV.6.2 Percent of LBs (Excluding First Pregnancies) with Interval to Conception of ≥ 18 and ≤ 59 Months by Race and Ethnicity

$$\frac{\text{Number of Live Births with an Interval to Conception from Last Live Birth or Other Termination of} \geq 18 \text{ and} \leq 59 \text{ Months}}{\text{Number of Live Births for Which This Was the Second or Greater Pregnancy}} \times 100$$

Domain V: Pregnancy Outcomes

Depression

V.2.1 Estimated Percent of Women Who Had Symptoms of Post-Partum Depression by Race [PRAMS Data]

$$\frac{\text{Weighted Sums of Women Who Reported They Felt Depressed Often or Always Since New Baby Was Born}}{\text{Weighted Sums of Women With a Response to Whether They Felt Depressed Since New Baby Was Born}} \times 100$$

Medicaid Live Births

V.3.1 Percent of Live Births Paid For by Medicaid by Race

$$\frac{\text{Number of Live Births Paid for by Medicaid}}{\text{Number of Live Births}} \times 100$$

V.3.2 Percent of Live Births Paid for by Medicaid That Were < 1500 Grams by Race

$$\frac{\text{Number of Medicaid Live Births} < 1500 \text{ Grams}}{\text{Number of Live Births Paid for by Medicaid}} \times 100$$

Delivery Level (Hospital, Staffing)

V.4.1 Percent of 500 - 1499 Gram Infants Delivered at Subspecialty Facilities (Level III Hospitals) by Race

$$\frac{\text{Number of Live Births 500-1499 Grams Delivered at Subspeciality Facilities (Level III Hospitals)}}{\text{Number of Live Births 500-1499 Grams}} \times 100$$

Morbidity (BW, PTB, HIV+)

V.5.1 Number of Births That Were Less Than 500 Grams by Race

V.5.2 Percent of Births That Were Less Than 1500 Grams by Race

$$\frac{\text{Number of Live Births} < 1500 \text{ Grams}}{\text{Number of Live Births}} \times 100$$

V.5.3 Percent of Births That Were Less Than 2500 Grams by Race

$$\frac{\text{Number of Live Births} < 2500 \text{ Grams}}{\text{Number of Live Births}} \times 100$$

V.5.4 Percent of Births That Were Less Than 37 Weeks Completed Gestation by Race

$$\frac{\text{Number of Live Births Delivered at} < 37 \text{ Weeks Gestation}}{\text{Number of Live Births With Known Gestational Age}} \times 100$$

V.5.5 Percent of Live Births That Were 34-36 Weeks Completed Gestation by Race

$$\frac{\text{Number of Live Births Delivered at 34-36 Weeks Gestation}}{\text{Number of Live Births With Known Gestational Age}} \times 100$$

V.5.6 Number of Perinatal HIV Infections

Feto-Infant Mortality

V.6.1 Fetal Mortality* Rate per 1,000 by Race

$$\frac{\text{Number of Fetal Deaths}^{*}}{\text{Number of Live Births Plus Fetal Deaths}^{*}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

V.6.2 Neonatal Mortality (<1 Day) Rate per 1,000 by Race

$$\frac{\text{Number of Infant Deaths} < 1 \text{ Day}}{\text{Number of Live Births}} \times 1{,}000$$

V.6.3 Summary Neonatal Mortality (< 28 Days) Rate per 1,000 by Race

$$\frac{\text{Number of Infant Deaths} < 28 \text{ Days}}{\text{Number of Live Births}} \times 1{,}000$$

V.6.4 Perinatal Mortality* Rate per 1,000 by Race

$$\frac{\text{Number of Fetal Deaths}^{*} \text{ Plus Number of Infant Deaths} < 28 \text{ Days}}{\text{Number of Live Births Plus Fetal Deaths}^{*}} \times 1{,}000$$

*Before 2001 a fetal death was defined as a stillbirth ≥ 500 grams or if weight was unknown, ≥ 22 weeks gestation. Beginning with 2001 a fetal death is a stillbirth ≥ 20 weeks gestation or if gestational age is unknown, ≥ 500 grams.

V.6.5 Infant Mortality Rate per 1,000 by Race and Ethnicity

$$\frac{\text{Number of Infant Deaths} < 1 \text{ Year}}{\text{Number of Live Births}} \times 1{,}000$$