FORMULAS

Birth (crude) rate	=	(number of births) ÷ (total population)	X	1,000
Age-specific birth rate	=	(number of live births to females in a specific age group) ÷ (female population in that age group)	X	1,000
Teen-age birth rate	=	(number of births to females aged 10-19) ÷ (female population aged 10-19)	X	1,000
Abortion rate	=	(number of abortions) ÷ (female population aged 15-44)	X	1,000
Teenage abortion rate	=	(number of abortions to females aged 10-19) ÷ (female population aged 10-19)	X	1,000
Estimated total fetal losses	=	20 percent of births + 10 percent of abortions		
Estimated pregnancies	=	number of births + number of abortions + estimated total fetal losses		
Pregnancy rate	=	(number of births + number of abortions+ estimated total fetal losses) ÷ (female population 15-44 years of age)	X	1,000
Teenage pregnancy rate	=	(number of births to females aged 10-19 + number of abortions to females aged 10-19 + estimated total fetal losses to females aged 10-19) ÷ (female population 10-19 years of age)	X	1,000
Total fertility rate	=	$\sum$ (five-year age-specific birth rates for females aged 10 to 49)	X	5

Percent low weight births	=	(number of births with a birth weight less than 2500 grams) ÷ (number of births)	X	100
Infant mortality rate	=	(number of deaths to live born infants under one year of age) ÷ (number of births)	X	1,000
Neonatal mortality rate	=	(number of deaths to live born infants occurring within the first 27 days of life) ÷ (number of births)	X	1,000
Postneonatal mortality rate	=	(number of deaths to live born infants occurring after the first 27 days of life but before one year of age) ÷ (number of births)	X	1,000
Death (crude) rate	=	(number of deaths) ÷ (total population)	X	1,000
Cause-specific death rate	=	(number of deaths for a specific cause) ÷ (total population)	X	100,000
Age-specific death rate	=	(number of deaths for a specific age group) ÷ (population for that age group)	X	1,000
Marriage rate	=	(number of marriages) ÷ (total population)	X	1,000
Divorce (dissolution) rate	=	(number of divorces and annulments) ÷ (total population)	X	1,000

Note: Population refers to the projected mid-year population.