

Estimating the Number of Pregnant Women in a Geographic Area

Try Calculating a Point-in-Time Estimate now!

_____ WRA = women of reproductive age (15-44 years)

_____ B = fertility (births) rate from the most recent year for appropriate jurisdiction

_____ A = abortion rate

_____ D = fetal loss (death) rate (most recent national rate per 1,000 women)

_____ P = proportion of the year a woman is pregnant for each pregnancy outcome by month.

Pb: 9 months = .75

Pa: 2 months = .167

Pd: 3 months = .25

The calculation for pregnant women where all values are known is: $\text{WRA}/1000 * \{ (\text{B} * \text{Pb}) + (\text{A} * \text{Pa}) + (\text{D} * \text{Pd}) \}$

$$\frac{\text{WRA}}{1000} * \{ (\text{Fertility (Births) rate} * 0.75) + (\text{Abortion rate} * 0.167) + (\text{Fetal loss} * 0.25) \} = \text{Your Point in Time Estimate}$$

You would describe this as "Approximately X women in (name of place) were pregnant at any given point in time."



For more information, see www.cdc.gov/reproductivehealth/emergency

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