

**Government of India**  
**Ministry of Health & Family Welfare**  
**Statistics Division**

**Methodology for Calculation of Estimates for 2021-22**

The estimated pregnant women, estimated live births and estimated infants number (0-1 yrs.) are calculated using latest mid-year projected population from Office of the Registered General of India (RGI) and latest available Crude Birth Rate (CBR) & Infant Mortality Rate (IMR) of Sample Registration System (SRS 2018) and Pregnancy wastage from NFHS 4.

The estimated number of sterilised is calculated using estimated eligible couples (currently married females) based on 2011 Census India (age group 15-49 years), Mid-Year population of Office of the Registered General of India (RGI) and Currently married women in the age group 15-49 using sterilization (NFHS-4, 2015-16)

Estimated no. of unsterilised Couples (age groups 15-49 years) calculated by subtracting estimated no. of Sterilised Couples (age 15-49 years) from estimated eligible couples (currently married females) during 2020-21 (age 15-49 years).

**Methodology of calculation (Decimal rounding of up to one digit only):**

1. **Projected Mid-Year Population (Mid-year pop. as on Oct, 2021):**  
Projected mid-year population as provided in Technical Committee on Population Projection (2011-2036) released by Office of the Registered General. (Latest)
2. **Estimated Live Birth:** Projected Mid-Year Population x latest available CBR/1000
3. **Estimated No. of Pregnant Women:** Est. Live Births + (Est. Live Births \* Pregnancy Wastage % in NFHS 4)
4. **Estimated No. of Infants:** {Estimated Live Births – (Estimated Live Births x latest available IMR) /1000}
5. **Est. Eli. Couples (currently married females) during the year (age 15-49 years):** (Estimated Eligible Couples (currently married females) per 1000 population based on 2011 Census India (age group 15-49 years)) x (Projected mid-year population as provided in Technical Committee on Population Projection (2011-2036) released by Office of the Registered General)
6. **Estimated no. of Sterilised Couples for the year (age 15-49 years):** (Est. Eli. Couples (currently married females) during the year (age 15-49 years)) x (Currently married women in the age group 15-49 using sterilization (NFHS-4 2015-16))
7. **Estimated no. of unsterilised couples for the year (age-15-49 years):**  
Est. Eli. Couples (currently married females) during the year (age 15-49 years)  
- Estimated no. of Sterilised Couples for the year (age 15-49 years)