

UNDERSTANDING

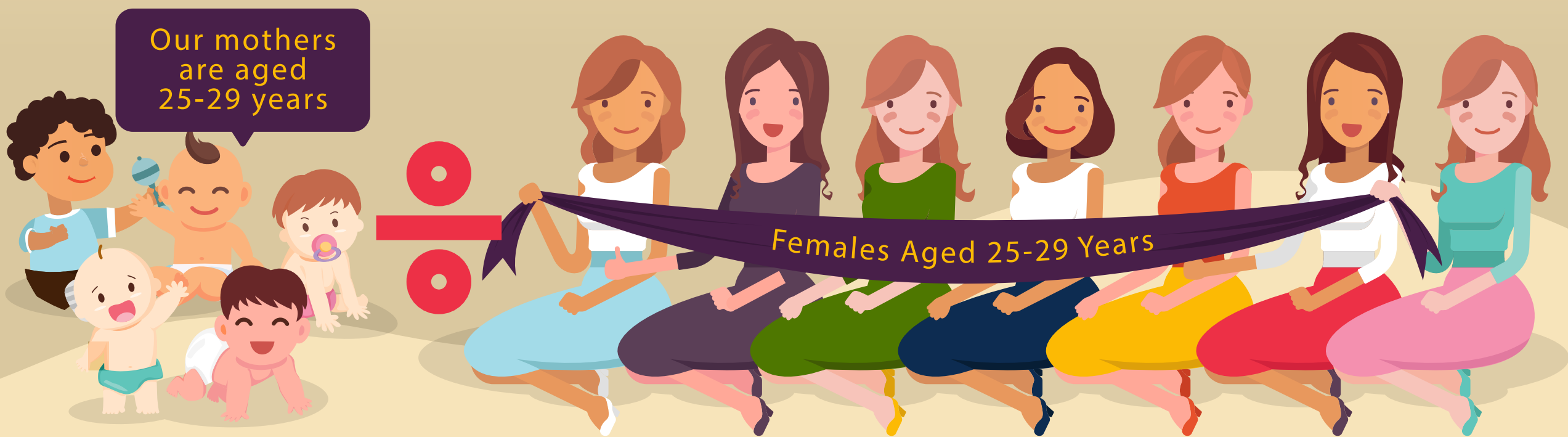
AGE-SPECIFIC FERTILITY RATE & TOTAL FERTILITY RATE



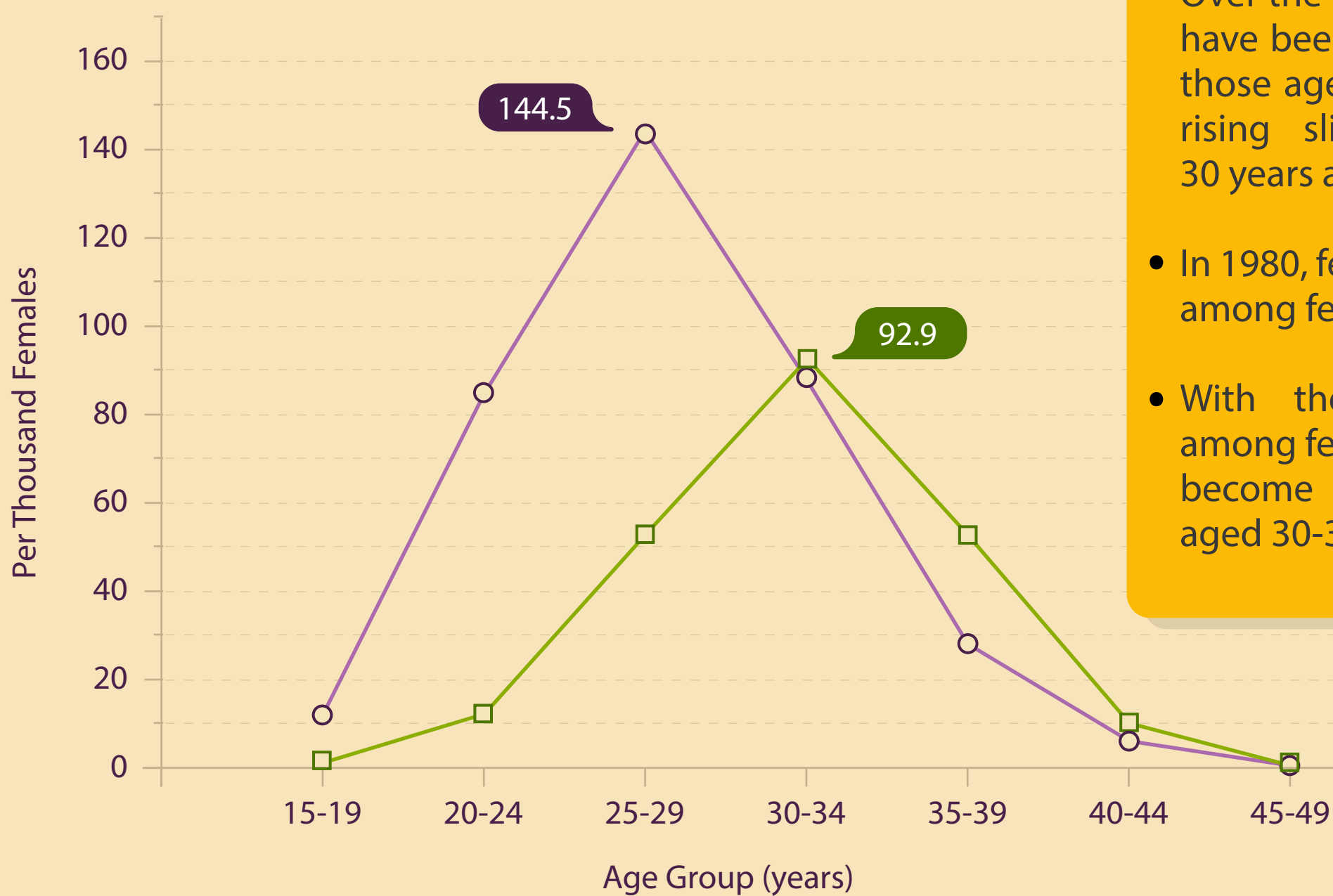
AGE-SPECIFIC FERTILITY RATE

Age-specific fertility rate (ASFR) is the number of live-births born to females of a specific age group, out of every thousand females in the same age group.

Illustration for computation of ASFR for 25-29 years



Resident Age-Specific Fertility Rates, 1980 & 2021



- Over the years, the resident ASFRs have been gradually declining for those aged below 30 years, while rising slightly for those aged 30 years and over.
- In 1980, fertility rates were highest among females aged 25-29 years.
- With the delay in childbirth among females, fertility rates have become highest among females aged 30-34 years instead.

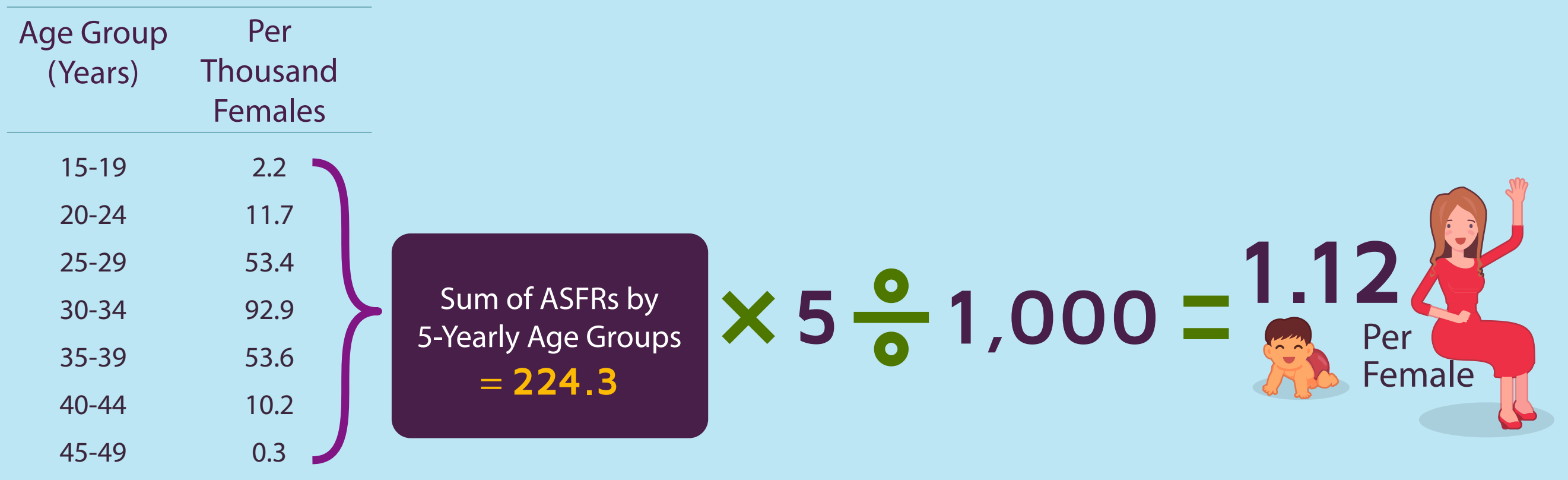


○ 1980	12.7	84.9	144.5	87.8	28.0	5.8	0.5
□ 2021	2.2	11.7	53.4	92.9	53.6	10.2	0.3

TOTAL FERTILITY RATE

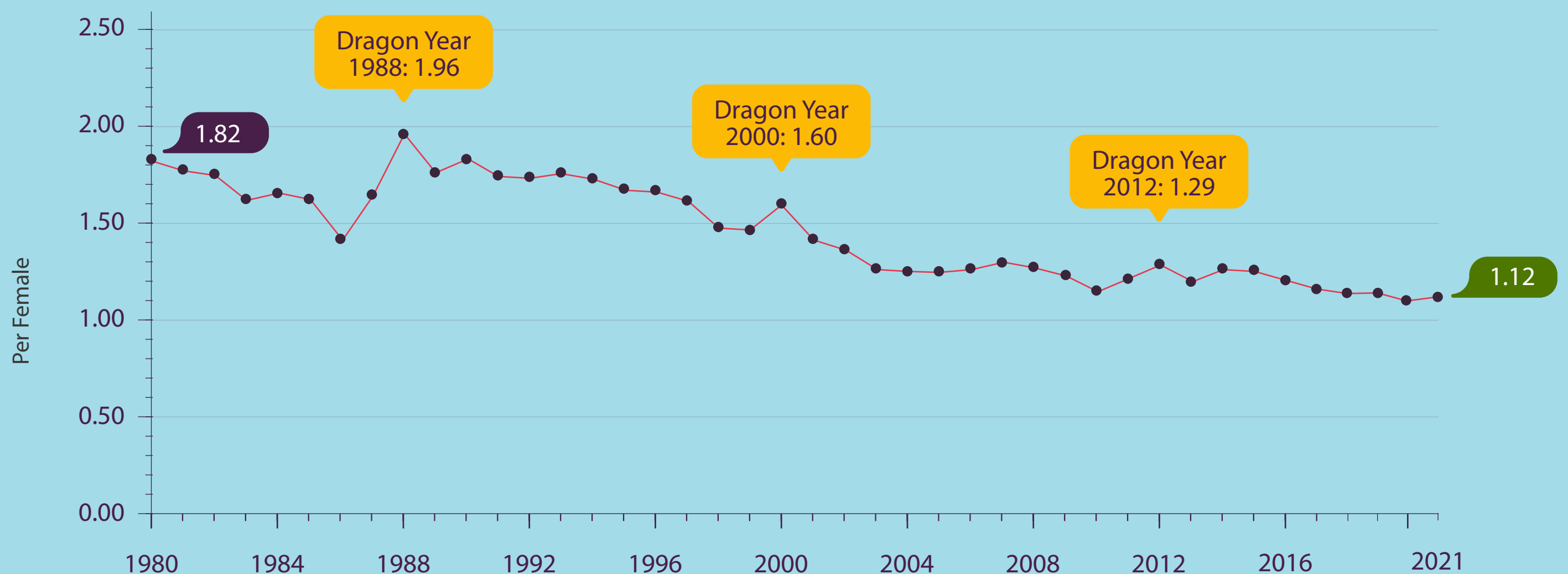
Total fertility rate (TFR) refers to the average number of live-births each female would have during her reproductive years if she were subject to the prevailing ASFRs in the population in the given year. Mathematically, it is 5 times the sum of the ASFRs by 5-yearly age groups, over the female reproductive ages for the reference period.

Illustration for computation of 2021 TFR using ASFRs



Note: Dividing by 1,000 is required since the ASFRs are expressed as per thousand females while the TFR is expressed as per female.

Resident Total Fertility Rate



The resident TFR has been gradually declining over the past decades (similar to the experience in many developed societies) and is at 1.12 for 2021.