Explanation of Terms

- Marriage rates: the proportion of the number of marriages per 1,000 population

$$\text{Marriage rates} = \frac{\text{Number of marriages during a year}}{\text{Japanese population as of October 1 of the year}} \times 1,000$$

- Marriage rate based on unmarried population by age:
  Proportion of the number of marriages of groom (bride) per 1,000 unmarried male (female) by age

Marriage rate based on unmarried population by age

$$= \frac{\text{Number of marriages of groom (bride) of a given age during a year}}{\text{Japanese unmarried male (female) population of the given age as of October 1 of the year}} \times 1,000$$

- First marriage rate based on never-married population by age:
  Proportion of the number of first marriage of groom (bride) per 1,000 unmarried male (female) by age

First marriage rate based on never-married population by age $= \dfrac{\text{First marriage of groom (bride) of a given age during a year}}{\begin{array}{c}\text{Japanese never-married male (female) population of the given age}\\\text{as of October 1 of the year}\end{array}} \times 1,000$

- Cumulative first marriage rate of groom (bride):
  total of age-specific first marriage rates (*) of groom (bride) in a given period in the range up to a given age.
  It is equivalent to the ratio of groom (bride) who married at least once by a given age to the total population of groom (brides) in the same range.

  Cumulative first marriage rate of groom (bride)
  = the first marriage rate of 16-year-old groom (bride) in a given period + the first marriage rate of 17-year-old groom (bride) + …. + the first marriage rate of a given age groom (bride)

*Age-specific first marriage rate of groom (bride) in a given period $= \dfrac{\begin{array}{c}\text{Number of first marriage of groom (bride) of a given age}\\\text{in a year}\end{array}}{\begin{array}{c}\text{Population of Japanese male (female) of a given age as of}\\\text{October 1 of the year}\end{array}} \times 1,000$

- Cohort: Cohort is a set of people grouped by a certain life event such as birth or marriage that occurred to them in a given period. The grouping is referred to as "birth cohort" when the event is birth.

- Cumulative first marriage rate of groom (bride) by birth cohort:
  The total of age-specific first marriage rates of groom (bride) in the range up to a given age by birth cohort.
  It is equivalent to the ratio of groom (bride) who married at least once before a given age to the total population of groom (bride) in the same generation.

  Cumulative first marriage rate of groom (bride) by birth cohort
  = the first marriage rate of 16-year-old groom (bride) in the same generation + the first marriage rate of 17-year-old groom (brides) + …. + the first marriage rate of a given age groom (bride)