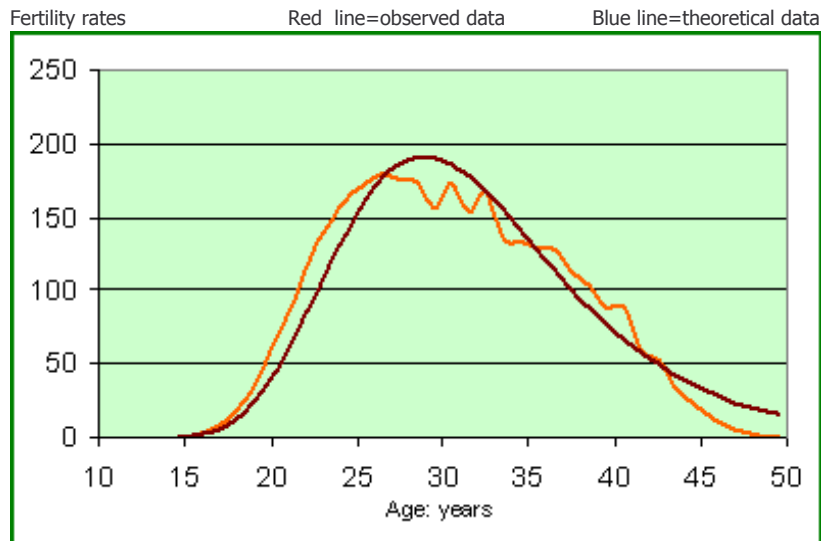


FERTILITY FUNCTIONS

(Source:Petrioli Luciano,"*PRODEMOG 3.0-Demographic software for Windows*", EMMECI-SIENA-ITALY,(2000).

VAPOR - PRESSURE



Age-specific fertility rates: Italy, year 1932

We have taken this function from a computer-program available on the Internet, regarding the adaptation of several data curves of various types (*).

The density function is presented as:

$$f(x) = e^{A+B/x+C \cdot \ln x} \quad \text{for } x > 0$$

The parameters are A, B and C, where C, contrary to what is generally seen in the previous functions, does not represent the total fertility rate.

(*) CURVEPERT 1.2 : A comprehensive curve fitting system for Windows, Copyright © 1995-1996, Daniel Hyams.