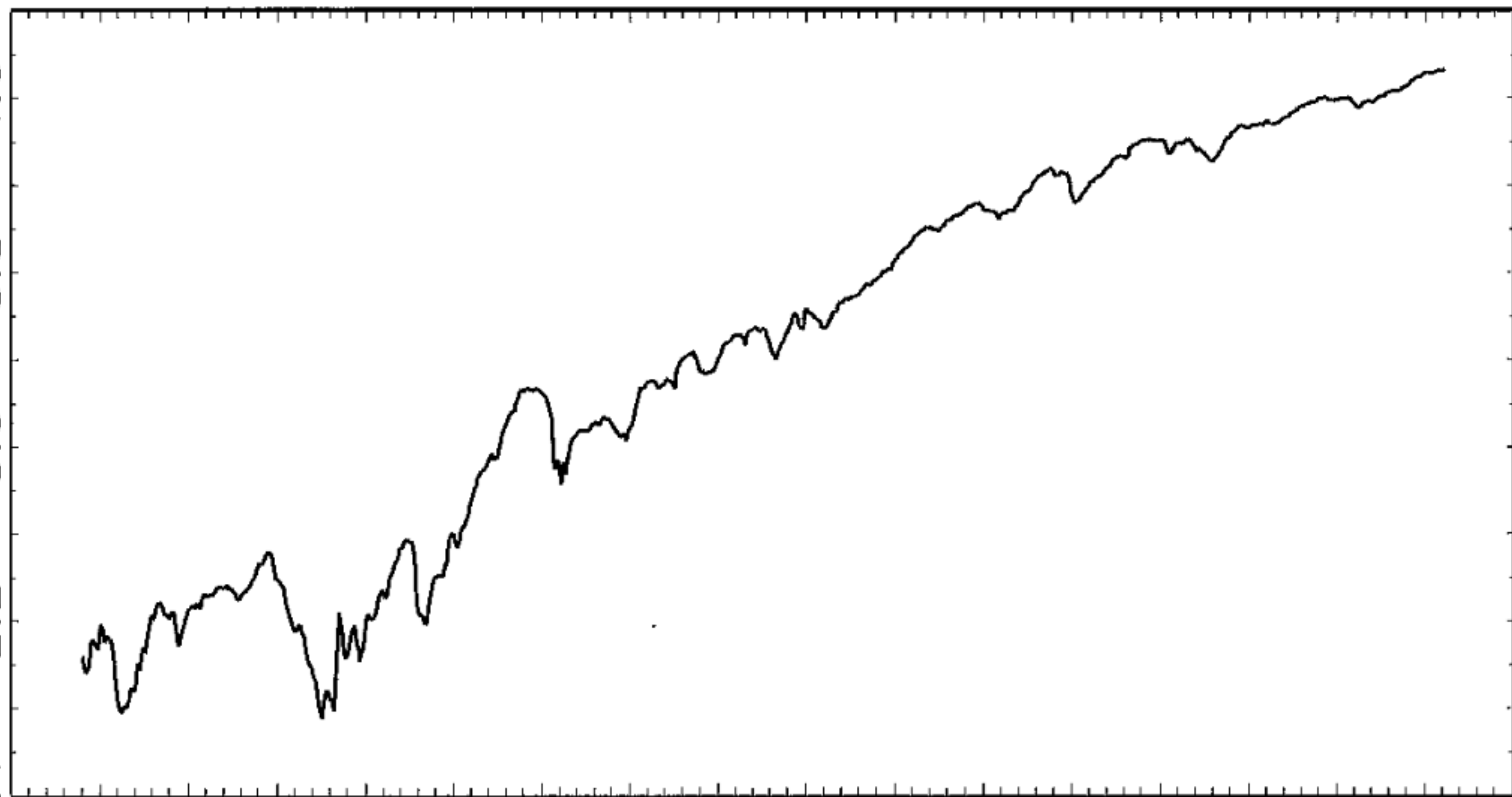
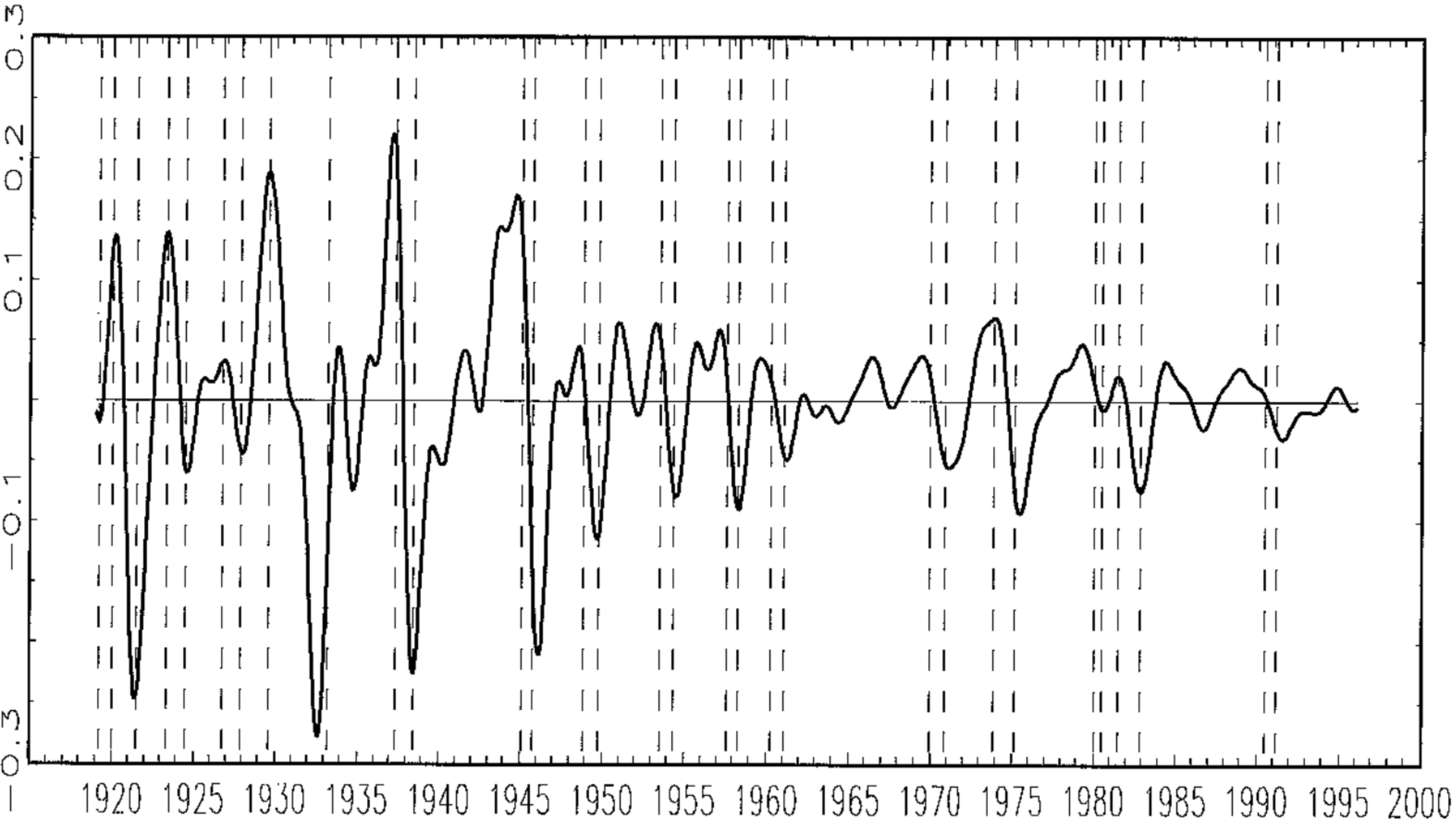


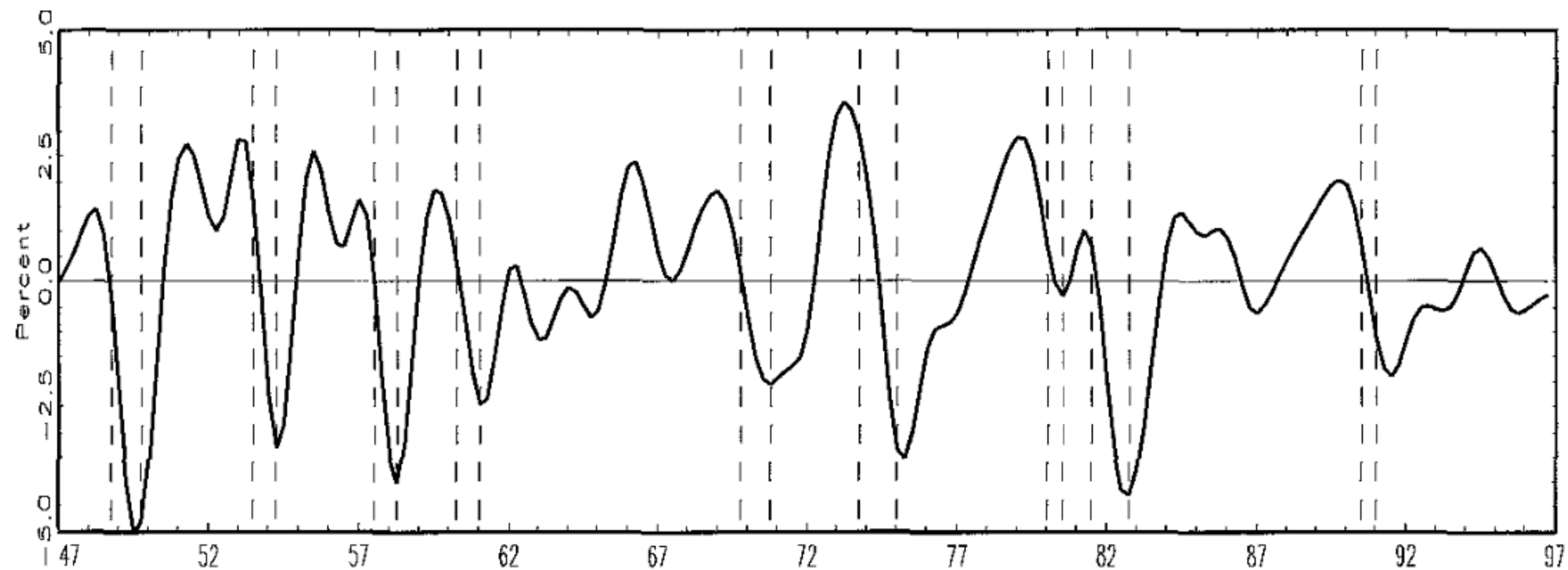
Logarithm

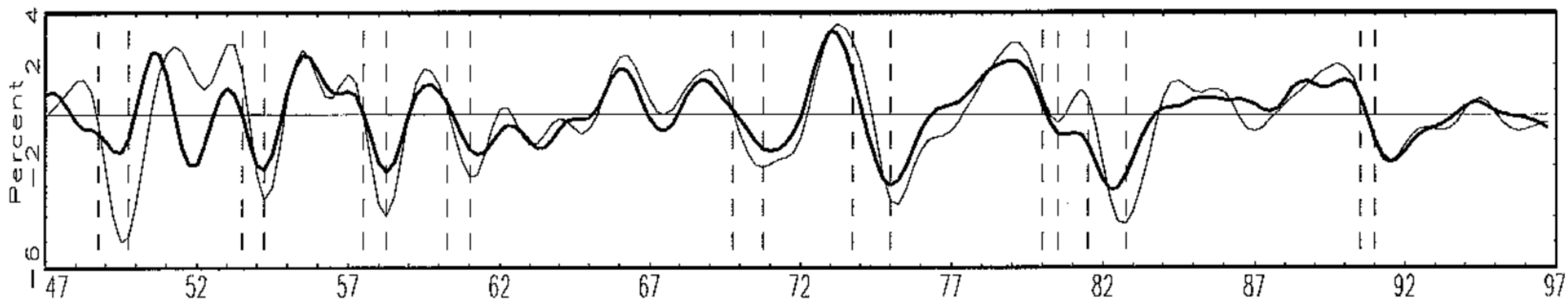
4.6
3.8
3.0
2.2
4

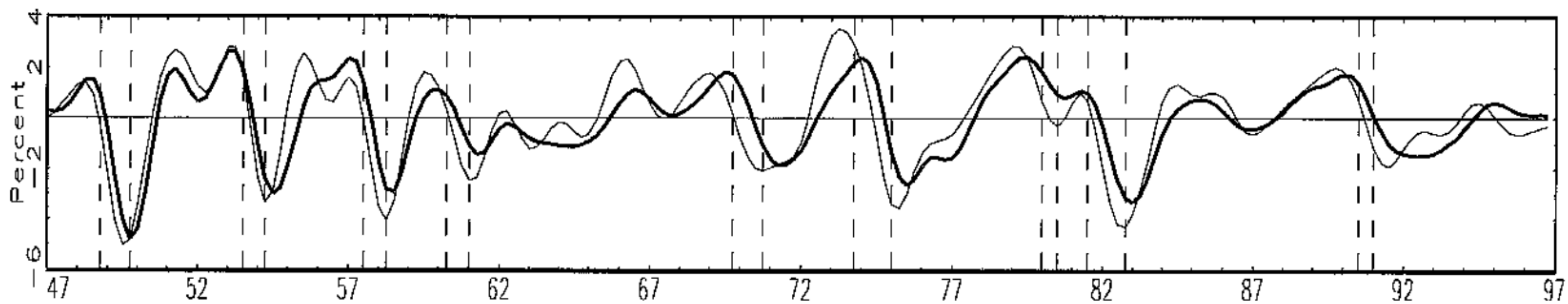
1920 1925 1930 1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000

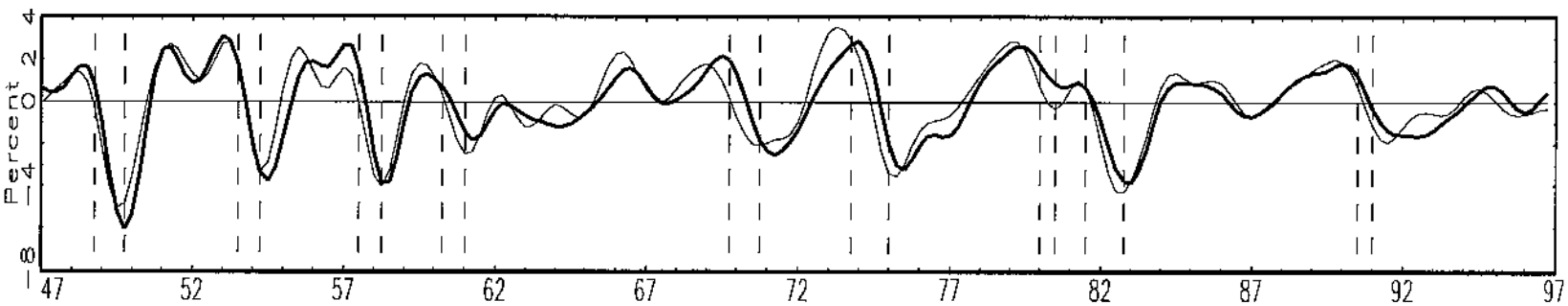


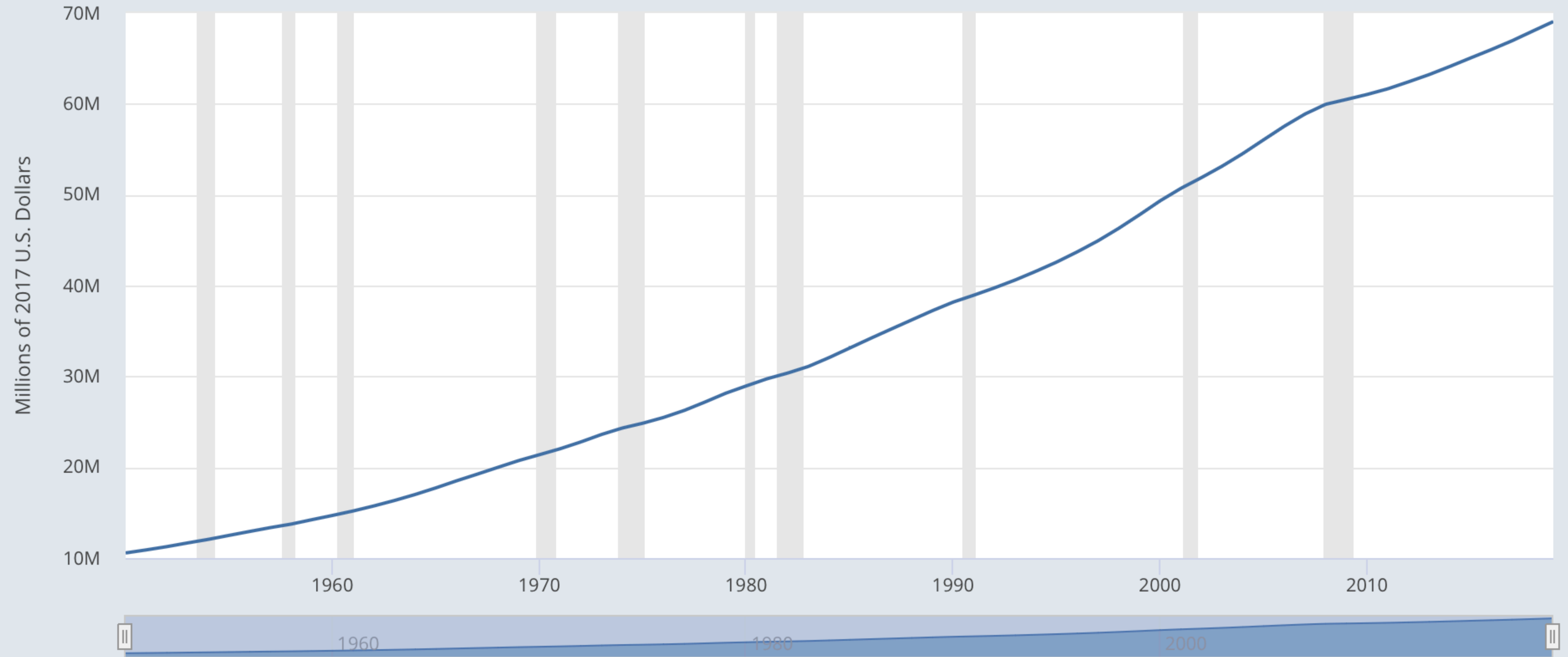


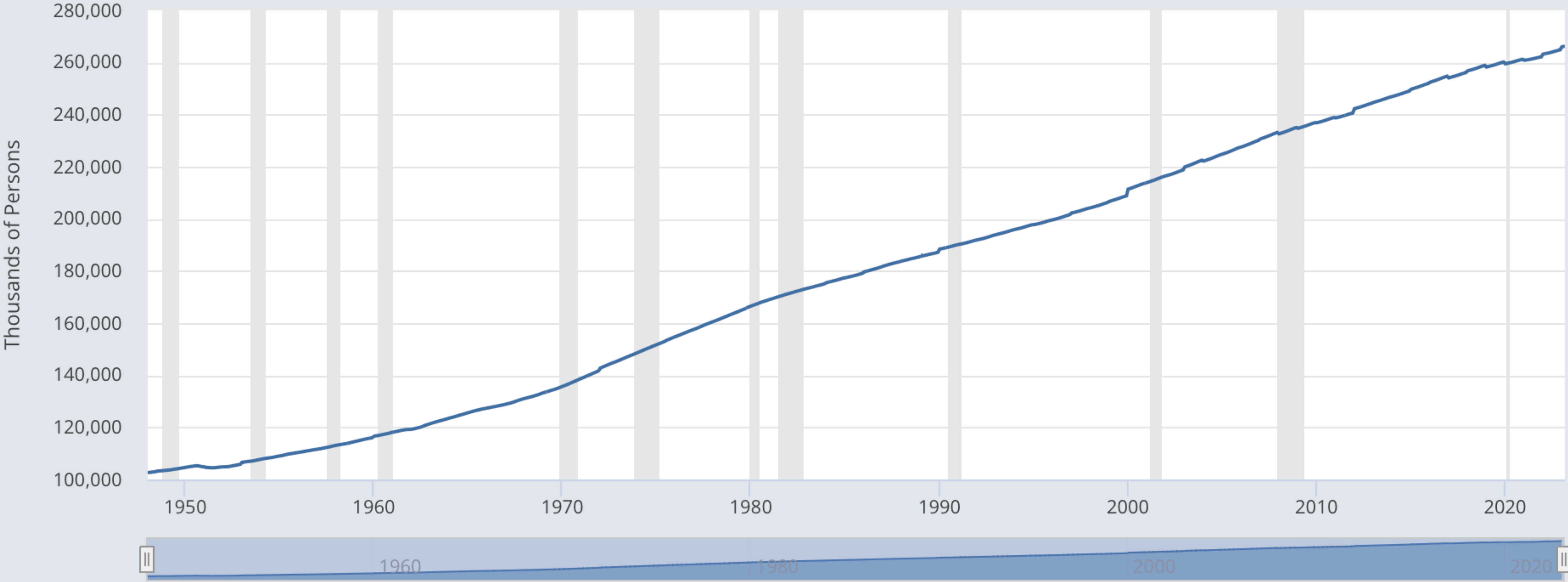


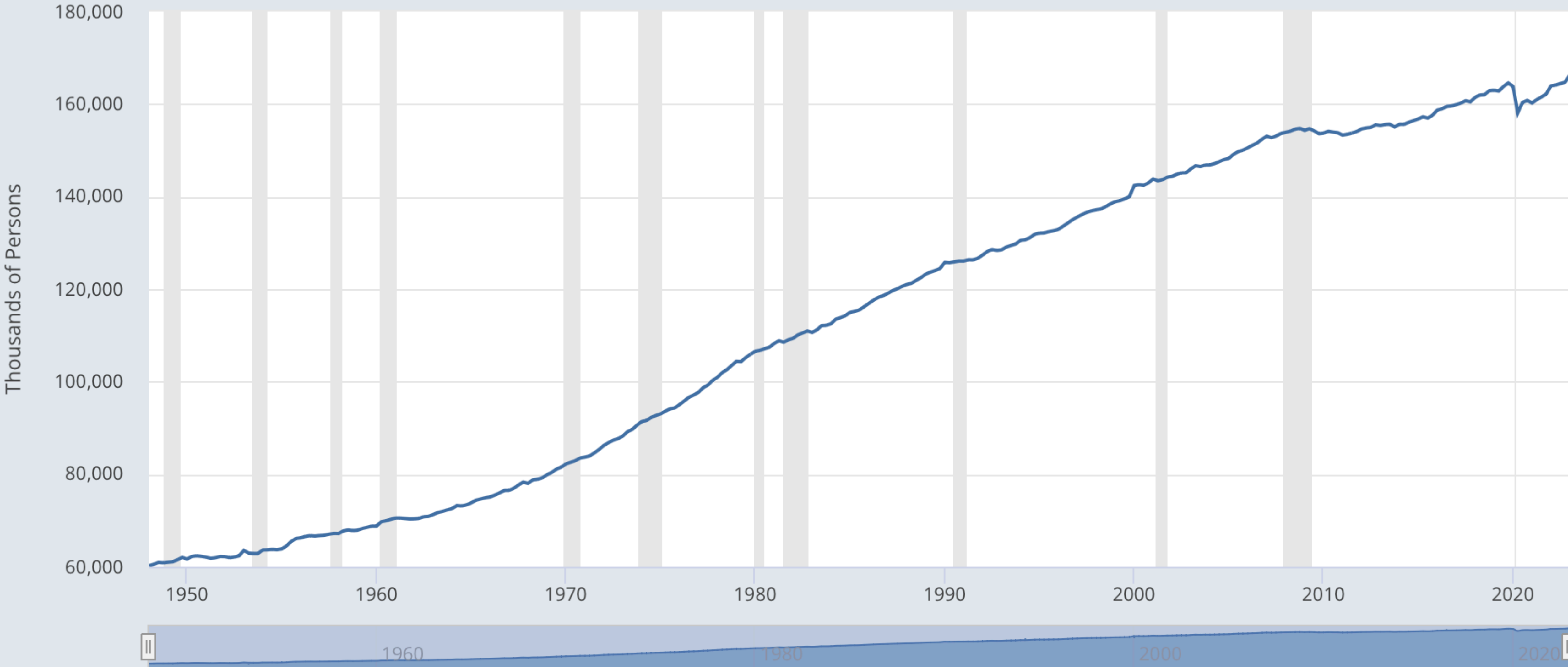


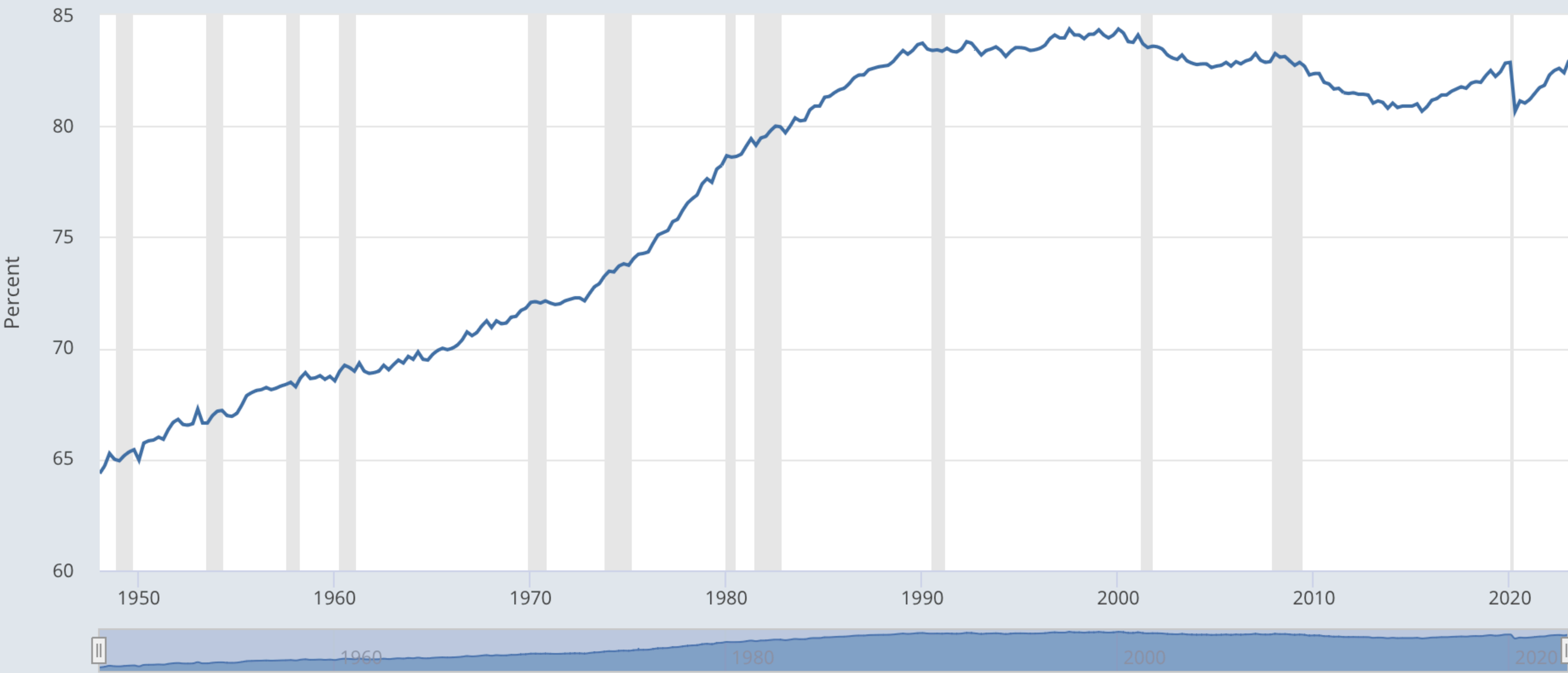


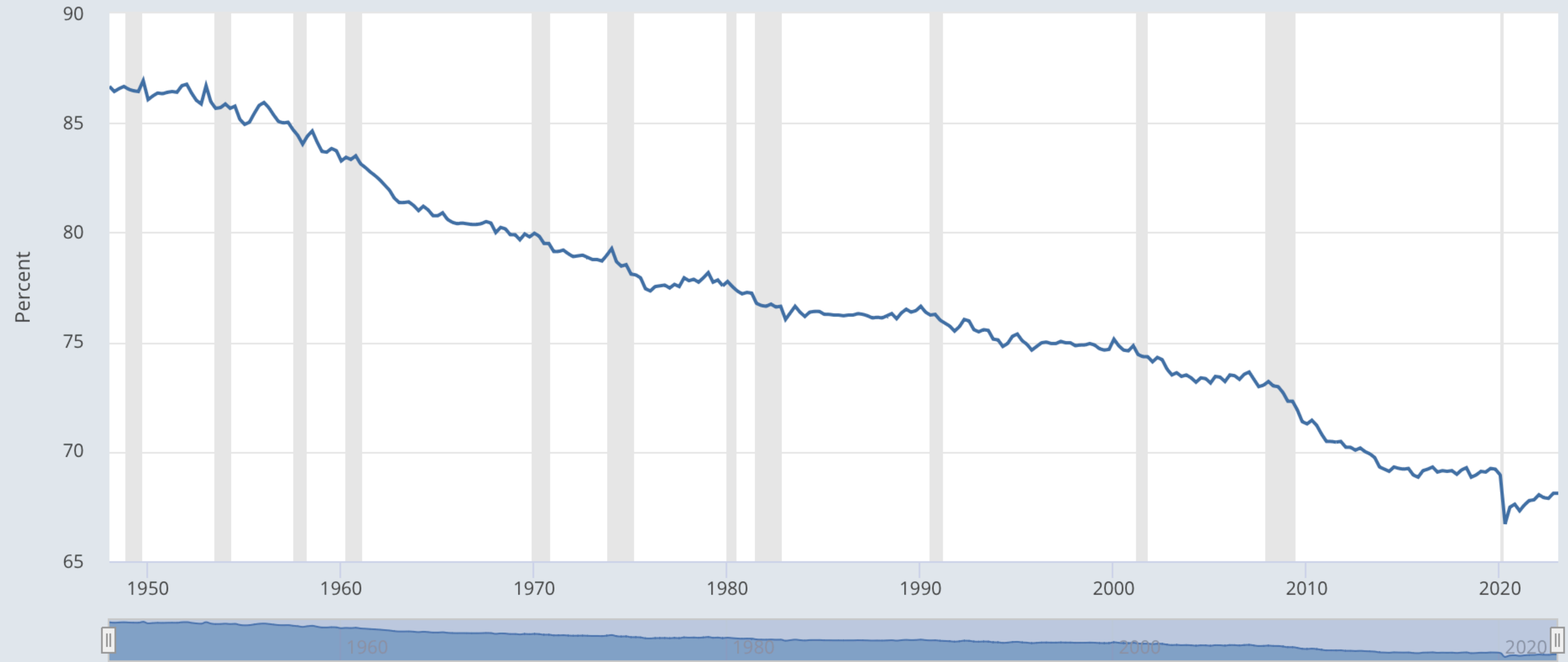


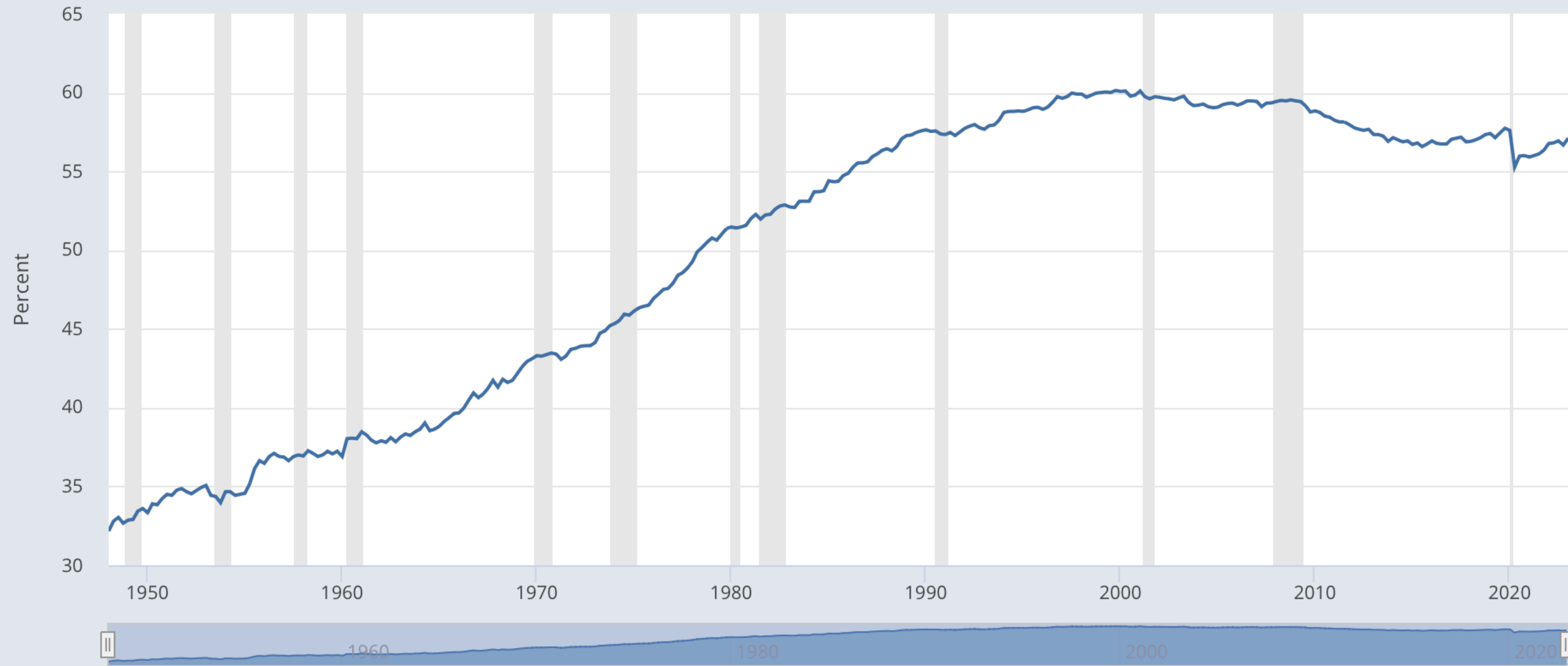






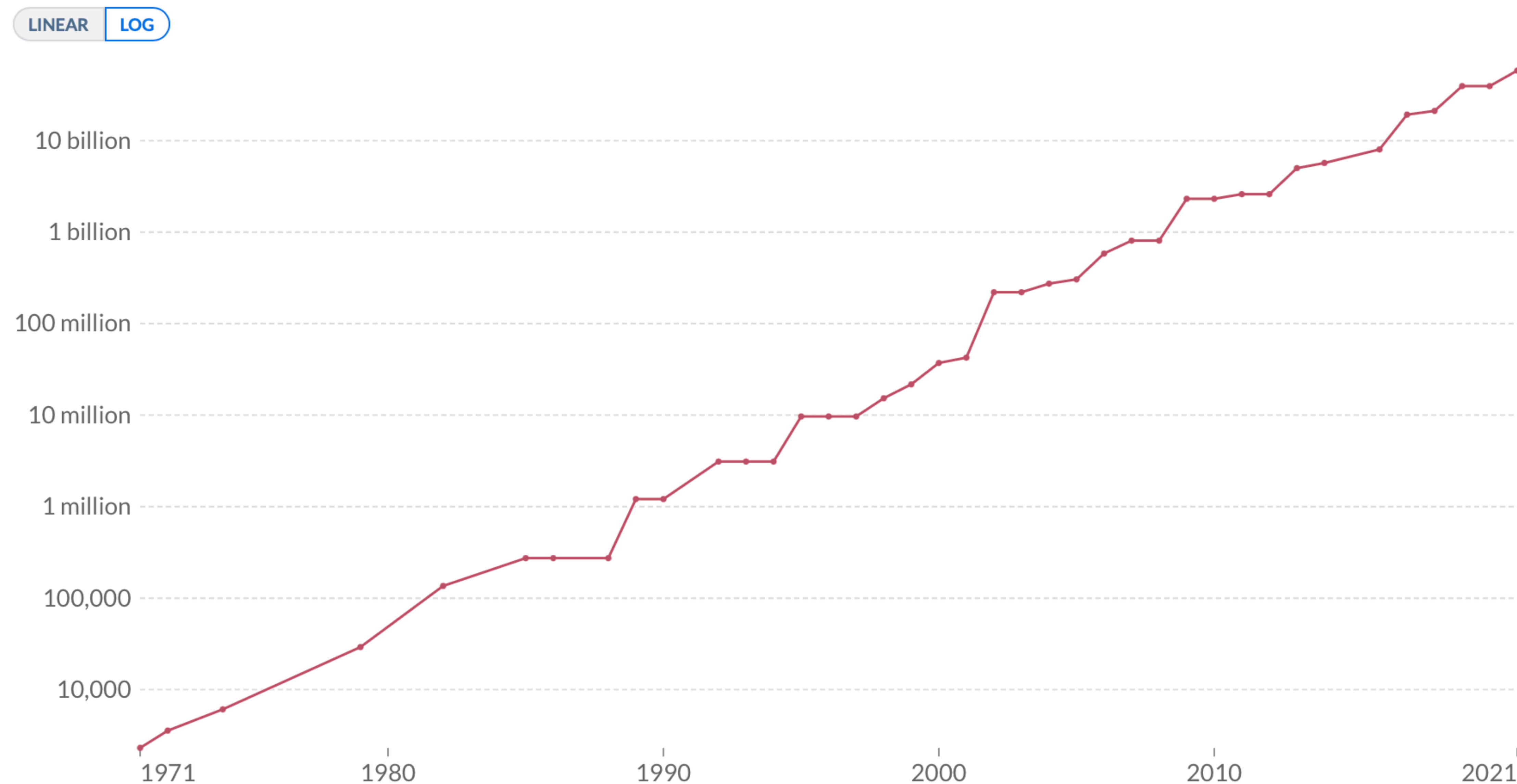






Moore's law: The number of transistors per microprocessor

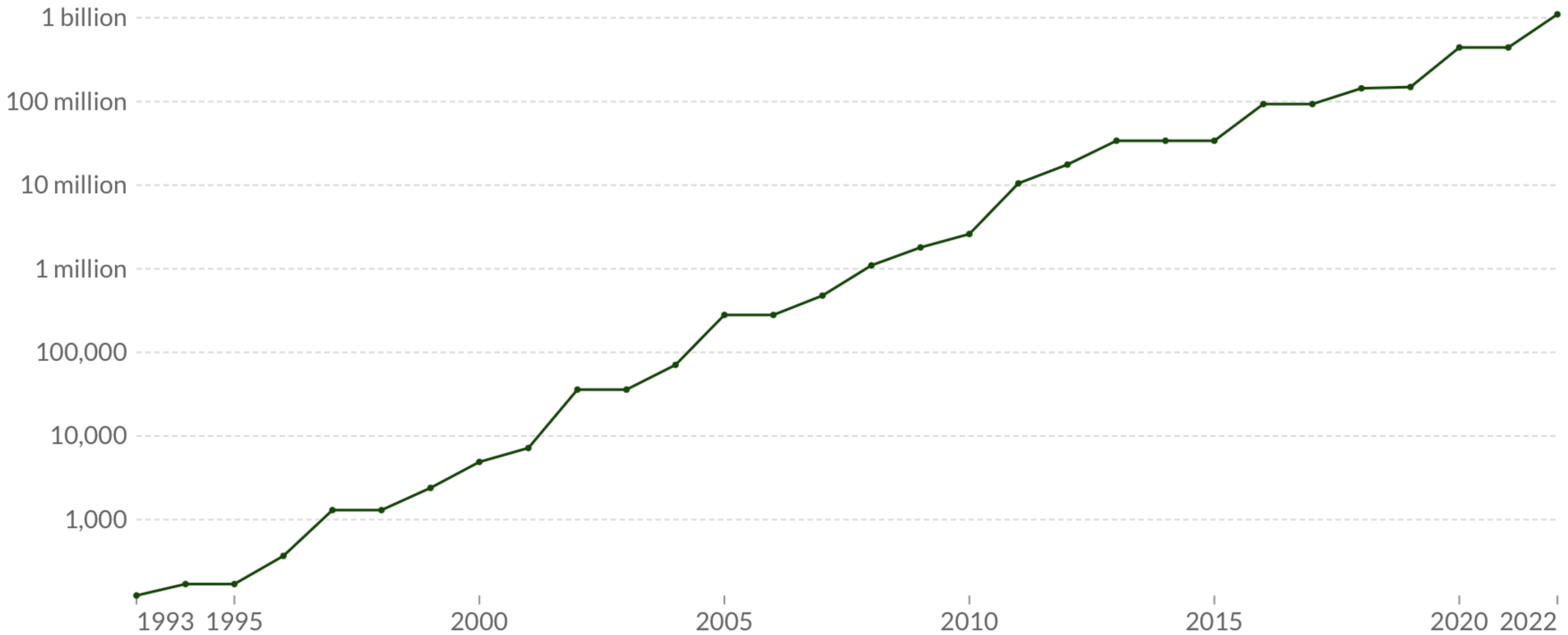
The number of transistors that fit into a microprocessor. The observation that the number of transistors on an integrated circuit doubles approximately every two years is called Moore's law.



Computational capacity of the fastest supercomputers

The number of floating-point operations carried out per second by the fastest supercomputer in any given year. This is expressed in gigaFLOPS, equivalent to 10^9 floating-point operations per second.

LINEAR LOG



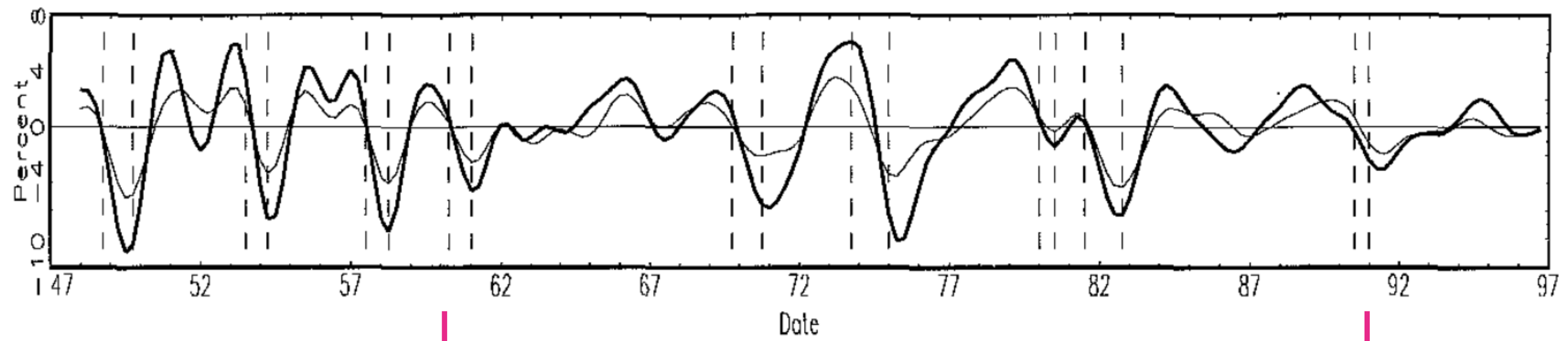


Fig. 3.31. Factor utilization in manufacturing.

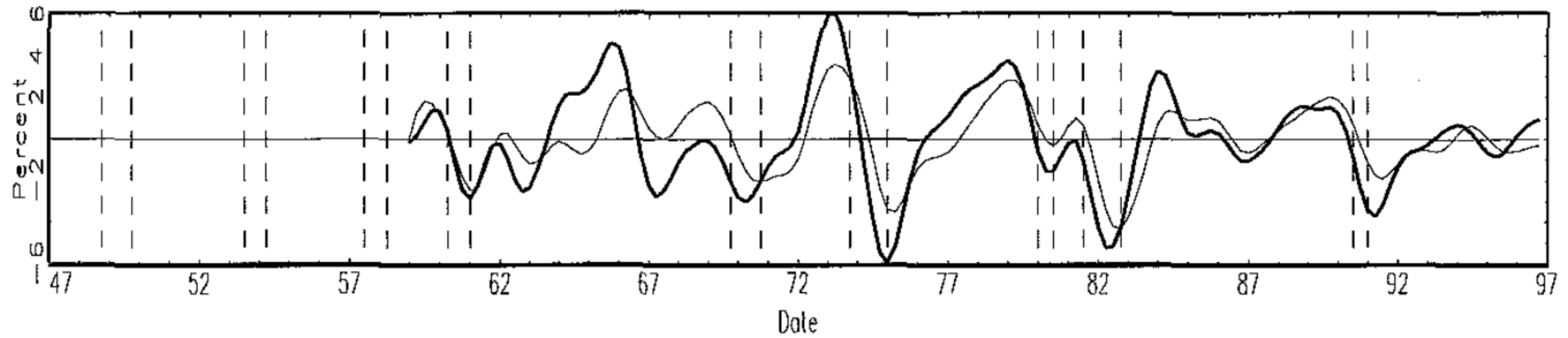


Fig. 3.32. Total factor productivity.

