

Sociology 291
Population and Society

Birth Rates, Death Rates and Growth Rates

The state of New Jersey recorded 111,166 births and 72,213 deaths in 1997. The population of New Jersey on July 1, 1997 was estimated by the Census Bureau to be 8,086,698 persons. On July 1, 1990, it was estimated to be 7,747,750. Net international migration to New Jersey in 1997 was approximately 55,171 and net domestic migration to New Jersey was – 37,585.

1. What was the crude birth rate of New Jersey in 1997?

2. What was the crude death rate of New Jersey in 1997?

3. What was the crude rate of natural increase in 1997?

4. What was the growth rate in 1997?

5. If this growth rate continued (that is, the one you found in #4), what would be the size of New Jersey's population in 2050?

6. At this growth rate, how long would it take for the population to double?

7. At this growth rate, when would the population reach 50 million?

8. What was the growth rate of the population between July 1, 1990 and July 1, 1997?