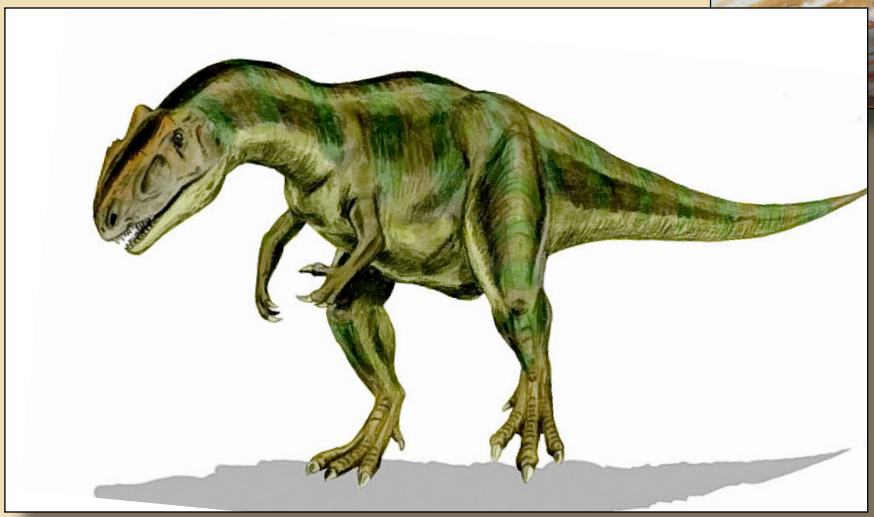
VA #1 Coyote in California

VA #2 Extinct Species



VA #3 Human Population

Which of the choices below represent an estimate of the population for the following areas in 2008?

- World
- United States
- California
- Los Angeles County

a. 10 million

b. 38 million

c. 300 million

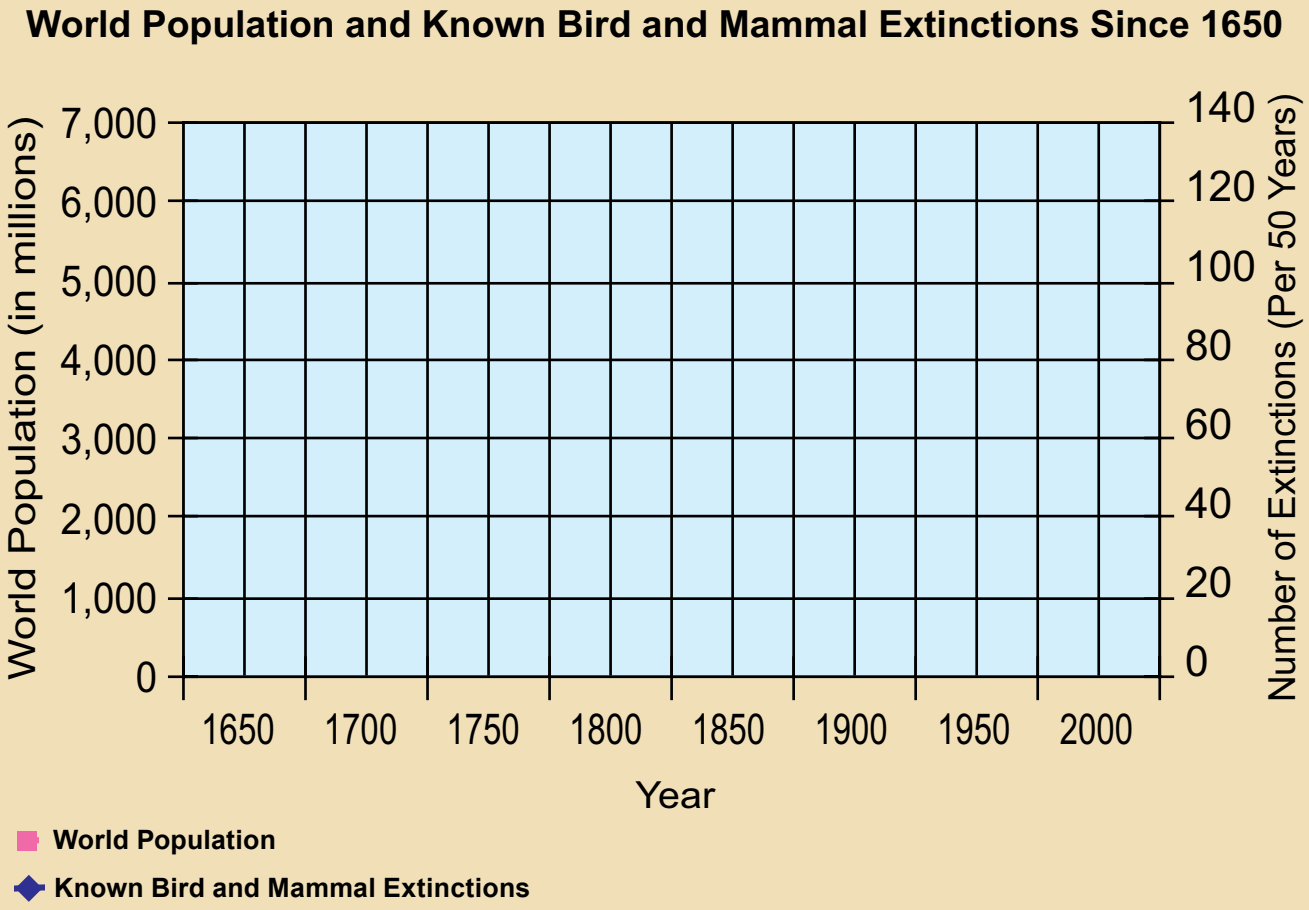
d. 7 billion

How do you think scientists count the world's human population?

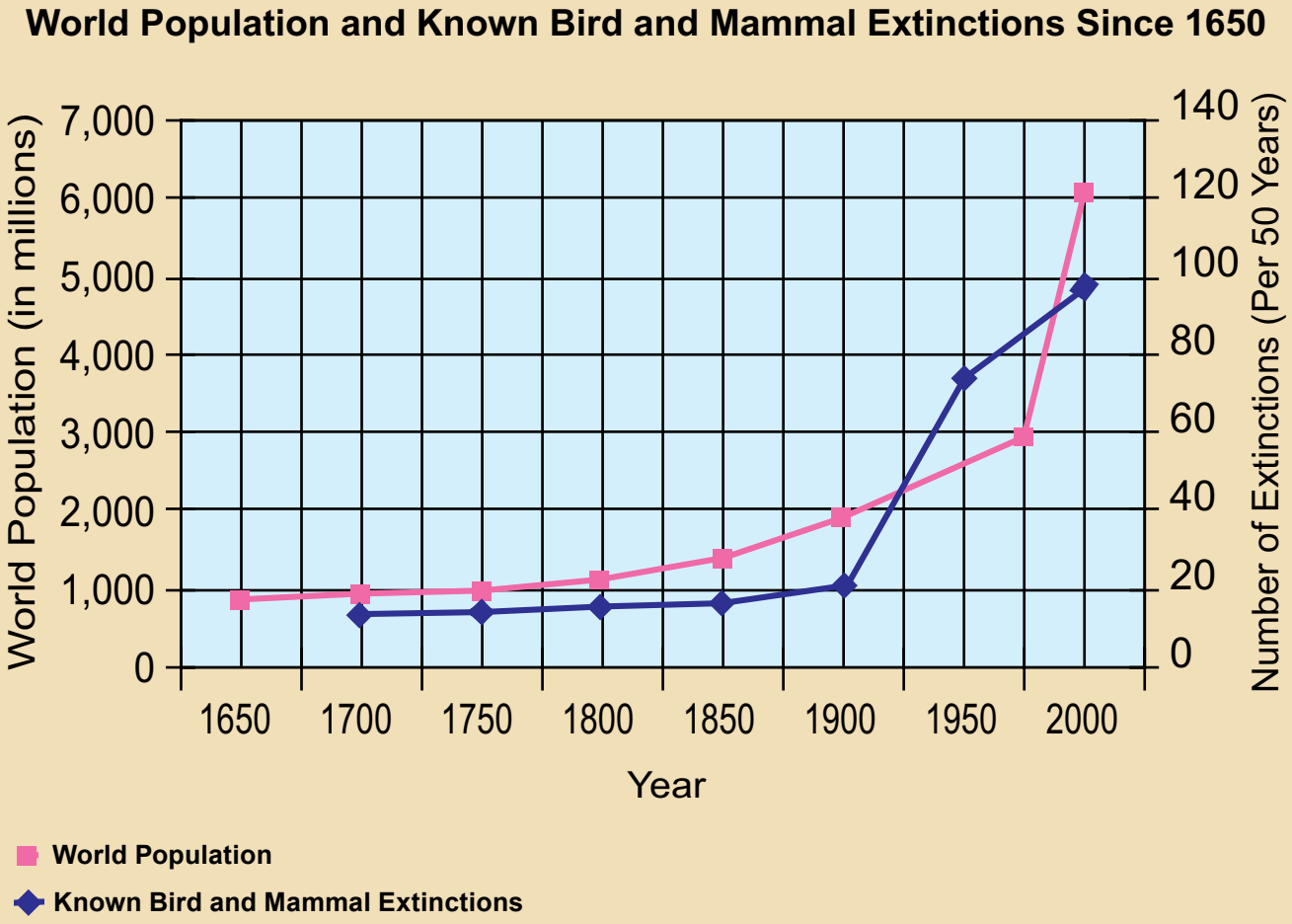
How do scientists predict future population sizes?

- fertility information (birth rates)
- mortality information (death rates)
- rates of immigration (movement to the country)
- census counts (government population counts)

VA #4 Graphing Population Data

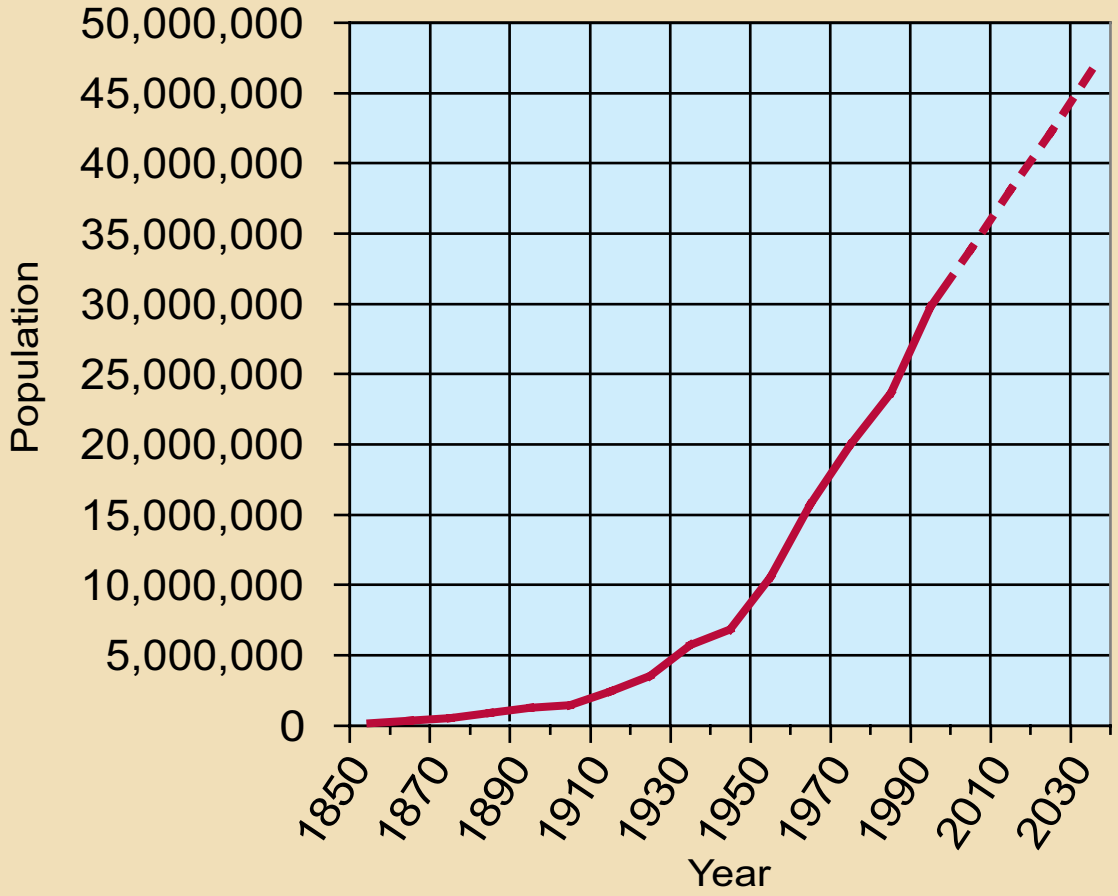


VA #5 Graphing Population Data Answer Key



Source: http://www.uwsp.edu/geo/faculty/heywood/geog358/endanger.htm

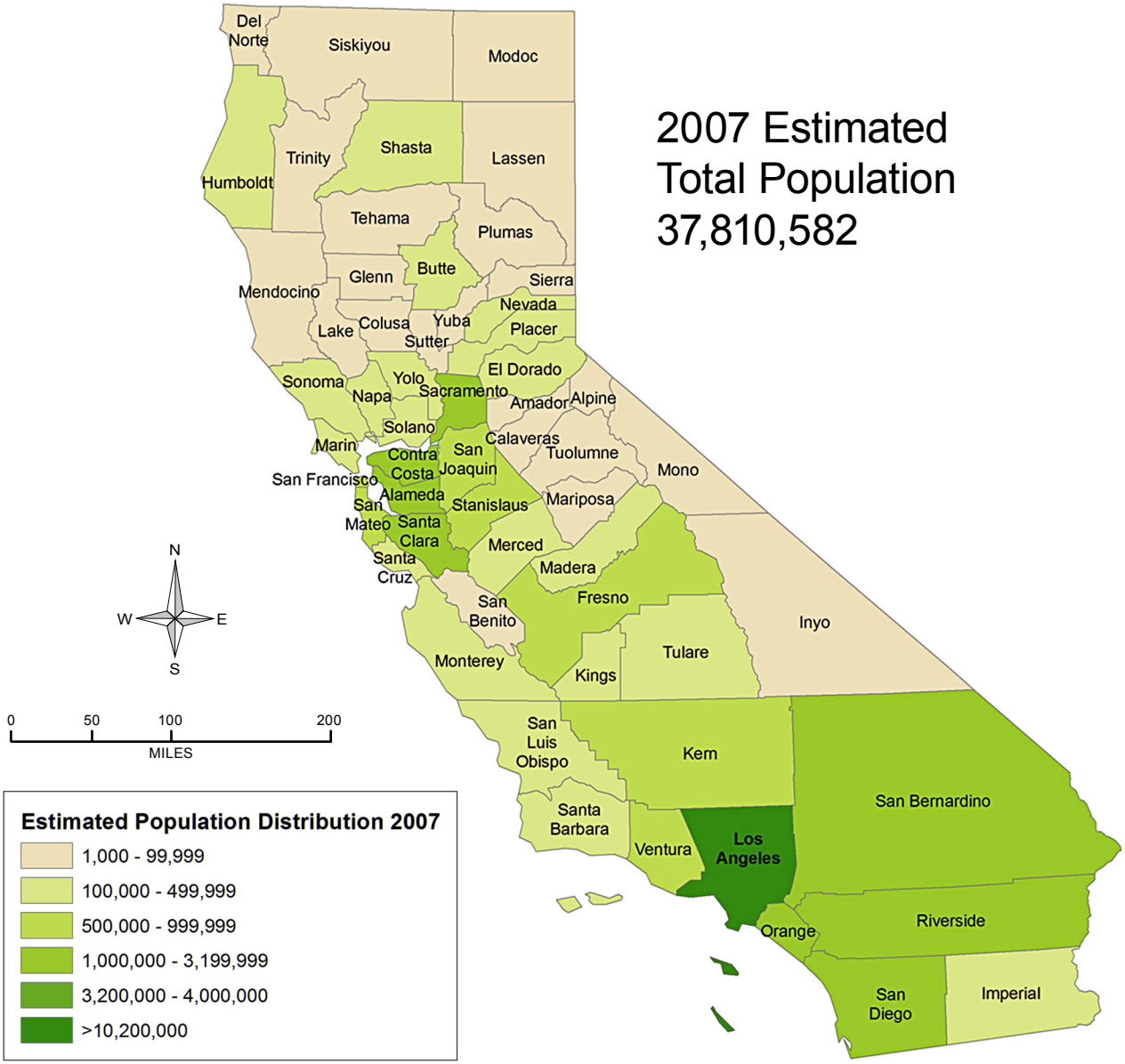
VA #6 California Population Graph



Year	Population	Year	Population	Year	Population
1850	92,597	1920	3,426,861	1990	29,760,021
1860	379,994	1930	5,677,251	2000	33,871,648
1870	560,247	1940	6,907,387	2010	38,067,134
1880	864,694	1950	10,586,223	2020	42,206,743
1890	1,213,398	1960	15,717,204	2030	46,444,861
1900	1,485,053	1970	19,971,069		
1910	2,377,549	1980	23,667,764		

Source: U.S. Census Bureau

VA #7 California Population



VA #8 Coastal Dunes

VA #9 High Desert

VA #10 Kelp Forest

VA #11 Survey Questions

For each statement, hold up one finger if you think the statement is true and two fingers if you think it is false.

1. Ecosystems never change . . . . . True? False?

2. When a species cannot adapt to environmental changes, it becomes extinct . . . . . True? False?

3. Human activities always cause animal populations to decrease . . . . . True? False?

4. Extinction has happened since the beginning of all life . . . . . True? False?

5. Adaptive species can survive in any ecosystem . . . . True? False?

6. Ecosystems where species live are always changing. Species can always adjust to natural changes, but they often cannot survive the changes caused by people . . . . . True? False?