

### Life Expectancy in the United States vs. Time

Year	Life Expectancy
1900	35
1910	37
1920	47
1930	50
1940	55
1950	63
1960	66
1970	69
1980	74
1990	75.4
2000	76.9

1. Plot the points on a graph. Include a title, labels and units on your graph.
2. Make a trendline.
3. What is the rate of change of life expectancy?

Explanation #3

4. Write the equation of the line of best fit.

Explanation #4

5. If the trend continues, what might the life expectancy be in the year 2010?

Explanation #5

6. If the trend continues, when will the life expectancy be 100?

Explanation #6