

Name:

Date:

Personal Income in Washington

(PS03/CU02)

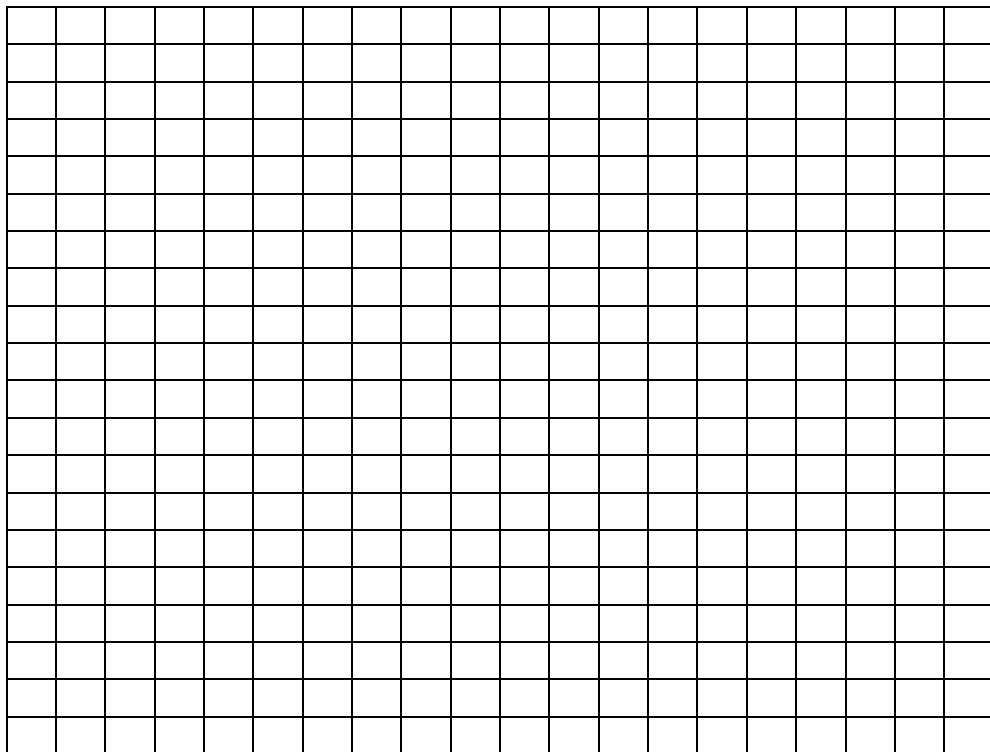
On-Demand (Check One) Yes No

You are presenting findings and making predictions on the personal income of Washington State residents. Per Capita Personal Income is the income earned by all the people in an area divided by the population of the area. The Per Capita Personal Income for Pierce County, Washington is given in the table.

Per Capita Personal Income for Pierce County, WA									
Year	1996	1997	1998	1999	2000	2001	2002	2003	2004
Per Capita Personal Income (Thousands of Dollars)	22.3	24.1	25.3	26.1	27.6	28.8	29.4	30.1	31.2

*Data obtained from www.bea.gov/bea/regional/reis

1. On the graph, create a scatter plot of the data on Per Capita Personal Income given in the table. Be sure to include a title, labels for the axes, consistent scales, and an accurate data display.



2. Draw a line that best fits the data displayed on your scatter plot.
3. For the Year 1990, make a prediction of the per capita personal income in Pierce County. Support your prediction using specific numbers from the table, scatterplot, or your best fit line.

4. The actual per capita personal income of Pierce County in 1990 was \$17,911. How does your prediction compare to this value? If your prediction differs from the actual per capita personal income, identify the factors that may have caused the differences.

5. Make a conjecture about what the per capita personal income for a resident of Pierce County might be in 2015. Support your prediction using specific numbers from the table, scatterplot, or best fit line.
