

TABLE 7.4 Effect of sample size on the width of 95% confidence intervals for Census data

<i>Sample size</i>	<i>Slope estimate</i>	<i>Estimated standard deviation of slope estimates</i>	<i>Lower bound of confidence interval for β</i>	<i>Upper bound of confidence interval for β</i>	<i>Width of confidence interval for β</i>
10	1,500.8	1,255.1	-1,393.4	4,395.0	5,788.4
100	3,362.8	946.71	1,484.1	5,241.5	3,757.4
1,000	3,374.0	342.21	2,702.4	4,045.5	1,343.1
10,000	3,793.9	113.03	3,572.3	4,015.5	443.13
100,000	3,855.9	35.678	3,785.9	3,925.8	139.86