

**TABLE 5.5** Effect of sample size on the range of estimates for Census data

<i>Sample size</i>	<i>Average value of 50 slope estimates</i>	<i>Sample standard deviation of 50 slope estimates</i>	<i>Minimum of 50 slope estimates</i>	<i>Maximum of 50 slope estimates</i>
10	4,558.3	4,626.4	-4,194.1	18,538
100	3,926.1	1,549.0	1,284.3	8,153.4
1,000	3,900.3	379.83	3,198.3	4,748.3
10,000	3,839.4	137.07	3,549.4	4,242.9
100,000	3,844.3	25.476	3,792.2	3,901.8
<i>Sample size</i>	<i>Average value of 50 intercept estimates</i>	<i>Sample standard deviation of 50 intercept estimates</i>	<i>Minimum of 50 intercept estimates</i>	<i>Maximum of 50 intercept estimates</i>
10	-27,549	57,421	-228,713	79,465
100	-18,520	16,820	-66,136	9,506.6
1,000	-17,848	4,472.9	-28,976	-8,374.9
10,000	-17,023	1,507.0	-21,063	-13,392
100,000	-17,140	283.76	-17,767	-16,550