Confidence in Population Estimates from sampling
Based upon 1995 Test Census

<u>Chart CA 2.2</u>

Oakland, CA

SAMPLE FOR A LARGE TRACT
Base Population   *10000*
Standard error   *238*
S.E. as % of base pop.   *2.38*

For each population estimate, the Bureau calculates the standard error as a measure of the sampling error.
The range of how much the estimate may vary from the census count depends upon the confidence level desired.
That is, the true census count is, with 95% certainty, between 9524 and 10476, or plus/minus 4.8%.
The range of "true" populations, as a %, will decrease with the increased size of the population estimate.

standard errors	+/- persons		+/- as % est.
2.5	595	99% confidence 9405 ... 10595	6.0%
2		95% confidence 9524 ... 10476	4.8%
		9608 ... 10392	3.9%
1	238	9762 ... 10238	2.4%

9200 9300 9400 9500 9600 9700 9800 9900 10000 10100 10200 10300 10400 10500 10600 10700 10800

Bureau Estimate