Confidence in Population Estimates from sampling
Based upon 1995 Test Census

<u>Chart CA 2.4</u>

Oakland, CA

SAMPLE FOR OAKLAND CITY

Base Population	*368232*
Standard error	*7060*
S.E. as % of base pop.	*1.91727*

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 354112 and 382352, or plus/minus 3.8%.
The range of "true" populations, as a %, will decrease with the increased size of the population estimate.

standard errors	+/- persons		+/- as % est.
		99% confidence	
2.5	17650	350582 385882	**4.8%**
		95% confidence	
2	14120	354112 382352	**3.8%**
		90% confidence	
1.645	11614	356618 379846	**3.2%**
		67% confidence	
1	7060	361172 375292	**1.9%**

338773 | 342456 | 346138 | 349820 | 353503 | 357185 | 360867 | 364550 | 368232 | 371914 | 375597 | 379279 | 382961 | 386644 | 390326 | 394008 | 397691

Bureau Estimate