

Assignment - 5

Consumer Index

Age	Percent of total MinizT purchases	percent of total Population	Index
10-19	12%	8%	150
20-29	17%	8%	213
30-39	15%	14%	107
40-49	14%	15%	93
50-59	10%	16%	63
60-69	14%	15%	93
70-79	12%	13%	92
80-89	6%	11%	55

$$\text{customer index} = \frac{\% \text{ of purchasers}}{\% \text{ of population}} \times 100$$

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$$80 - 89 = \frac{6\%}{11\%} \times 100 = 15$$

3.84

For each sample, various estimates
of the population standard deviation
are obtained. The standard deviation
of the sample means is called the
standard error of the mean.

The standard error of the mean
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