Population Parameter	Sample Statistic	*Population Variance is Known*			Z vs. T Decision Rules & Degrees of Freedom
		Standard Deviation of the Sample Statistic (Standard Error)	**Confidence Interval**	**Hypothesis Testing**	
Mean μ	$\bar{x}$	$SE = \frac{\sigma}{\sqrt{n}}$	$CI = \bar{x} \pm Z_{(\frac{1-C}{2})} * SE$	$Z = \frac{\bar{x} - \mu_0}{SE}$	
Difference in means $\mu_1 - \mu_2$	$\bar{x}_1 - \bar{x}_2$	Pooled Variances: Unequal Variances:			
Proportion *p*	*P*				
Difference in Proportions $p_1 - p_2$	$P_1 - P_2$	Assume unknown p's:			