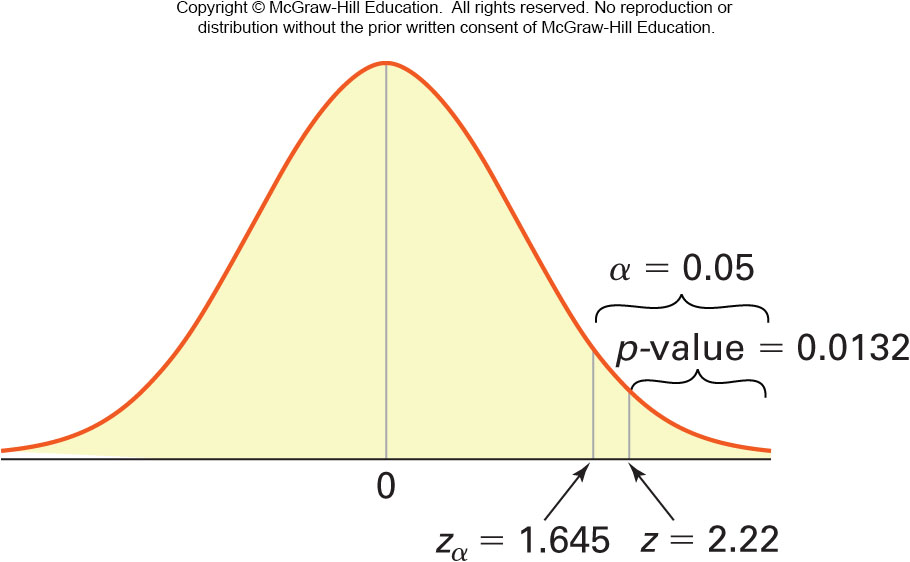


Sampling – take a representative subset of American HS teachers

Sample

(sample statistics)

= Average salary of the sample



Inferential Statistics – Estimate parameters and text hypotheses about parameters

Descriptive Statistics – numerical and graphical summaries of data

\*Cost prohibitive or \*infeasible to study the entire population

Population

Example: American HS Teachers

(population parameters)

=Average salary of American HS teachers