

Online Statistics Resources:

Encyclopedias of Statistical Concepts and Methods:

Use these links if you need to quickly review a concept, method, or statistical term.

Electronic Statistics Textbook	http://www.statsoft.com/textbook/stathome.html
A New View of Statistics	http://www.sportsci.org/resource/stats/index.html
Wikipedia (search for a concept)	http://www.wikipedia.org/

Introductory Statistics Textbooks:

These online textbooks clearly explain statistical concepts and demonstrate methods through examples

Hyperstat Online Textbook	http://davidmlane.com/hyperstat/
Concepts and Applications of Inferential Statistics	http://faculty.vassar.edu/lowry/webtext.html
StatPrimer	http://www2.sjsu.edu/faculty/gerstman/StatPrimer/
Introductory Statistics: Concepts, Models, and Apps	http://www.psychstat.missouristate.edu/sbk00.htm
Engineering Statistics	http://www.itl.nist.gov/div898/handbook/
Multivariate Statistics: Concepts, Models, Apps	http://www.psychstat.missouristate.edu/multibook2/mlt.htm
Statistics at Square One	http://bmj.bmjournals.com/collections/statsbk/index.shtml
SurfStat Australia	http://www.anu.edu.au/nceph/surfstat/surfstat-home/surfstat.html

Data Analysis Programs, Statistical Calculators, Java Applets, Statistical Visualization:

Use these links to analyze data, conduct statistical tests, or to help visualize statistical concepts

StatCrunch (a complete data analysis program)	http://www.statcrunch.com/
Statistical Links	http://statpages.org/javastat.html
SticiGui	http://www.stat.berkeley.edu/~stark/SticiGui/index.htm
StatGames	http://www.economics.pomona.edu/StatSite/Statgame.html
StatQuiz (multiple-choice questions)	http://www.economics.pomona.edu/StatSite/Quiz.html
Statistical Simulations (Java-based)	http://www.ruf.rice.edu/~lane/stat_sim/

Statistical Software Packages:

Links to sites that will assist you with statistical software packages

SPSS	http://www.spss.com/
Stata	http://www.stata.com/
SAS	http://www.sas.com/
Statistica	http://www.statistica.com/
UCLA Statistical Consulting Center Tutorials	http://www.ats.ucla.edu/stat/
Free Statistical Software for download	http://statpages.org/javasta2.html

Statistical Journals & Teaching Statistics:

Statistical journals and papers related to the best practices in statistics education

CHANCE News	http://www.dartmouth.edu/~chance/chance_news/news.html
Journal of Statistical Education	http://www.amstat.org/publications/jse/
<i>Statistics and mathematics: tension and cooperation</i>	http://www.stat.purdue.edu/~dsmoore/articles/Statmath.pdf
<i>Undergraduate programs and the future of academic stats</i>	http://www.stat.purdue.edu/~dsmoore/articles/Undergrad.pdf
<i>Statistics Among the Liberal Arts</i>	http://www.stat.purdue.edu/~dsmoore/articles/LibArts.pdf
<i>New pedagogy and new content: the case of stats</i>	http://www.stat.purdue.edu/~dsmoore/articles/PedagogyContent.pdf
<i>A data-oriented, active learning, post-calculus introduction to statistical concepts, applications, and theory</i>	http://www.rossmanchance.com/iscat/RossmanChanceIASEpaper.pdf