

Web Resources for Quantitative Reasoning

Students should be aware that almost all government websites end in *.gov*, while sites ending *.com* generally indicate that a business is behind the website. Sites with *.org* endings are generally supported by nonprofit organizations, while *.edu* sites are generally supported by institutions of higher education. Before using any information from a site, it is important to find out exactly who or what organization is responsible for its content and supporting the site. It is also good to note when the site was last updated, if possible.

Here are some sites that might be useful to you throughout the Quantitative Reasoning course. This list of sites is meant to be representative of the types of sites through which data are available; it is not meant to be an exhaustive list. Using the available search capabilities on a website can help streamline a search for particular data. Please be aware that access to the data on a particular site may change as the site is updated. Many of these sites will also provide good starting places for links to other sites. We have included *.gov* sites, *.org* sites, and *.com* sites. There are also many useful *.edu* sites, but we did not include them because they change more frequently. Using a search engine to help you find additional resources is also recommended.

2 Web Resources for Quantitative Reasoning

.gov sites

www.bls.gov

The website of the U.S. Department of Labor, Bureau of Labor Statistics, contains data on employment, earnings, and other labor-related topics.

www.cdc.gov

This site is maintained by the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, and contains general health and safety information as well as data and statistics related to human well-being. The link www.cdc.gov/nchs/hus.htm connects to the National Center for Health Statistics, which contains data that you can download in Excel format.

www.census.gov

The website of the U.S. Census Bureau contains data on population, income, housing, and much more.

www.ed.gov

This site is the home page of the U.S. Department of Education. The National Center for Education Statistics maintains the site www.nces.ed.gov, which contains data and reports related to education.

www.eia.doe.gov/

The Energy Information Administration site contains official energy statistics from the U.S. government on a wide variety of energy sources.

www.epa.gov

The website of the U.S. Environmental Protection Agency contains information on environmental issues related to human health.

www.fbi.gov

The Federal Bureau of Investigation's site provides data resources for researchers and others who are interested in law enforcement and criminal investigations. Some of these data appear in Excel format.

www.fda.gov

The U.S. Food and Drug Administration site reports on studies related to the safety of food, cosmetics, medical devices, drugs, and medications.

www.fedstats.gov

This website provides links to federal agencies and official U.S. government statistical data. It also includes links to international government statistical agencies.

www.medlineplus.gov

This site, maintained by the National Library of Medicine and the National Institutes of Health, provides news releases and related information on medications and other health-related topics as well as links to databases and additional resources.

www.nih.gov

The National Institutes of Health maintains this site, which presents information on medical research and health issues.

www.noaa.gov

The National Oceanic & Atmospheric Administration's website contains weather data as well as information related to oceans.

www.nutrition.gov

This website provides information and data on human nutrition and food safety and links to data on nutrition-related topics.

www.pandemicflu.gov

Managed by the U.S. Department of Health and Human Services, this site contains up-to-date information on avian and pandemic flu outbreaks.

www.usgs.gov

The U.S. Geological Survey website provides scientific information and data about the earth, including topics related to biology, geography, and geology.

www.usda.gov

This is the website of the U.S. Department of Agriculture. The following link www.ars.usda.gov/is/np/fnr/b/ gives you access to food and nutrition research briefs—that is, research summaries about food and nutrition studies. The National Agricultural Statistics Service, www.nass.usda.gov, tracks and provides access to data about agriculture-related topics.

4 Web Resources for Quantitative Reasoning

.org sites

www.americanheart.org

The American Heart Association reports on studies and research related to heart health and heart disease.

<http://faostat.fao.org>

This website contains a database provided by the Statistics Division of the Food and Agriculture Organization of the United Nations. It includes information on production and prices for agriculture products by country.

www.guttmacher.org

This is the website of the Guttmacher Institute, a nonprofit organization focused on sexual and reproductive health research, policy analysis, and public education. It contains information on reproductive health issues for many countries in the world, and you can choose what variables you are looking for to create your own table.

www.pnas.org

Published by the National Academy of Sciences, this website contains abstracts and articles related to the physical, biological, and social sciences.

www.prb.org

The Population Reference Bureau provides population, health, environmental, and other demographic data from countries around the world.

www.uis.unesco.org

The UNESCO Institute for Statistics (UIS) website contains literacy and education statistics by continent and by country.

www.undp.org

This is the website of the United Nations Development Programme. The site www.undp.hdr.org contains international data given in the UN's annual Human Development Reports.

.com sites

www.disastercenter.com

This website contains data on tornados and other natural disasters as well as crime, accident, and other statistics.

www.marchofdimes.com

The March of Dimes National website contains data on preterm birth rates, number of births by mother's age, and other data that relates to number of birth defects.

www.nationmaster.com

This website presents a compilation of data from many different sources and provides worldwide data, by country, on a large variety of topics.

www.oncolink.com

The website of the Abramson Cancer Center of the University of Pennsylvania provides information on cancer-related studies.

www.the-numbers.com

This website is a source of business information on movies, including movie budgets and earnings.

www.worldclimate.com

This website is useful for analyzing weather trends. It provides worldwide climate data, including average monthly temperature and rainfall.