Locating and Using Statistical Information

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Data sets consist of statistics that have been collected, but not analyzed

Compiled statistics are data sets that have been turned into usable information through analysis.
General Data Sets
Celebrating over 10 years of making statistics from more than 100 agencies available to citizens everywhere

Links to statistics

- **Topic Links - A To Z** - Direct access to statistical data on topics of your choice.
- **MapStats** - Statistical profiles of States, counties, cities, Congressional Districts, and Federal judicial districts.
- **Statistics By Geography From U.S. Agencies** - International comparisons, national, State, county, and local.
- **Statistical Reference Shelf** - Published collections of statistics available online including the Statistical Abstract of the United States.
- **Search** across agency websites.

Links to statistical agencies

- **Agencies Listed Alphabetically** with descriptions of the statistics they provide and links to their websites, contact information, and key statistics.
- **Agencies by subject** - Select a subject:
  - Environment
- **Press Releases** - The latest news and announcements from individual agencies.
- **Kids’ Pages** on agency websites.
- **Data Access Tools** - Selected agency online databases.

http://fedstats.gov/
Water use for agriculture and manufacturing, by usage type and selected industry, 1990s.

Rhode Island water supply and use, land area, and population, for selected cities and towns in Narragansett Bay area, various periods 1971-99.


http://www.library.illinois.edu/orr/get.php?instid=258185
In a ceremony held on 29 July 2010, the Secretary General presented the United Nations Statistics Division with its third UN21 Award. This latest award recognized UNdata as the winner in the category “Improvements in Client Services”. UNdata is an innovative service which enables free and easy access to UN statistical databases to users of statistical information around the world. UNdata currently has 32 databases with 60 million records. Plans are underway to include country databases into this searchable, metadata-enabled database environment.

The UN 21 Awards were established in 1996 to recognize outstanding initiatives by United Nations individual staff members or teams to improve the delivery of the Organization’s programmes and services. The Awards serve to highlight innovations across the Organization which have a multiplier effect and ensure sustainable results.
http://www.census.gov/
Topical Data Sets
The Environmental Indicators Gateway features information on EPA’s environmental indicator projects. These projects provide information on environmental conditions and trends over a range of geographic scales and time periods. The Gateway provides summaries of the indicator projects and links to the related reports and Web sites developed by each project. You can search these summaries by geographic location, keyword, and topic.
Minerals Information

Statistics and information on the worldwide supply of, demand for, and flow of minerals and materials essential to the U.S. economy, the national security, and protection of the environment.

Search USGS Minerals:
Enter text: 

Subscribe to USGS Minerals:
Readers interested in the latest periodicals may subscribe to a list service to receive an e-mail notification, or to an RSS feed (requires an RSS reader, or RSS-capable browser).

List Service Information
RSS feed
USGS Water Data Discovery

What are you looking for?
- What is happening today...
  Water Now
- What happened in the past...
  Water Then
- What might happen in the future...
  Water Tomorrow

The National Water Information System (NWIS) is the Nation's principal repository of water resources data. It includes data from more than 1.5 million sites, some in operation for more than 100 years. Most NWIS data can be accessed directly at:

waterdata.usgs.gov

Additional tools are provided here to help find data in NWIS, in other USGS products and services, and from other federal partners and national organizations. If you do not find what you need try contacting a local USGS Water Science Center.

Water Now
WaterAlert
How can I be alerted to water conditions that exceed thresholds that are important to me, such as high water levels or temperatures? How do I find locations where these alerts may be available?

Real-time streamflow
Where is the USGS collecting and transmitting real-time streamflow data right now? How does flow today compare with historical trends?

Water Then
Annual water data reports
Can I see all of the locations where the USGS has published water resources data for a particular year? How can I see these sites on a map and get to the data?

You can retrieve data using a map or a search form.

Instantaneous streamflow data
I want to find long-term streamflow data reported in short time intervals (such as 15 minutes or 1 hour).

http://water.usgs.gov/data/
http://www.eia.doe.gov/
UNSD Environmental Indicators

UNSD Environmental Indicators disseminate global environment statistics on ten indicator themes compiled from a wide range of data sources. The themes and indicator tables were selected based on the current demands for international environmental statistics and the availability of internationally comparable data. Indicator tables, charts and maps with relatively good quality and coverage across countries, as well as links to other international sources, are provided under each theme.

Statistics on Water and Waste are based on official statistics supplied by national statistical offices and/or ministries of environment (or equivalent institutions) in response to the biennial UNSD/UNEP Questionnaire on Environment Statistics, complemented with comparable statistics from OECD and Eurostat, and water resources data from FAO Aquastat. Statistics on other themes were compiled by UNSD from other international sources. In a few cases, UNSD has made some calculations in order to derive the indicators. However, generally no adjustments have been made to the values received from the source. UNSD is not responsible for the quality, completeness/availability, and validity of the data.

Environment statistics is still in an early stage of development in many countries, and data are often sparse. The indicators selected here are those of relatively good quality and geographic coverage. Information on data quality and comparability is given at the end of each table together with other important metadata.

- Air and Climate
- Biodiversity
- Energy and Minerals
- Forests
- Governance
- Inland Water Resources
- Land and Agriculture
- Marine and Coastal Areas
- Natural Disasters
- Waste

http://unstats.un.org/unsd/ENVIRONMENT/qindicators.htm
Public Opinion Polls
http://people-press.org/
Data Visualization
Keep it simple
Choose the right tool
Test Your Graph IQ
More than Charts and Graphs
The Digital Dump

40 Million Tons Per Year

Electronic waste is piling up around the world at a rate of 40 million tons per year.

The United States

3.3 Million Tons of e-waste in a year

100 Million Cell Phones

47.5 Million Computers

China Produces

2.6 Million Tons

Recycling

Reusing

Disposal

The worldwide market for e-waste will grow in the coming years.

2009

$8.7 Billion

2014

$14.7 Billion

E-waste Destinations

http://awesome.good.is/transparency/web/1010/digital-dump/flat.html
The Eastern Pacific Garbage Patch if floating over 61821

More about the Great Pacific Garbage Patch

The two gigantic swirling patches of rubbish that have formed either side of Hawaii are known as the Great Pacific Garbage Patch or trash vortex. These vast expanses of decomposing plastic and debris are held in place in the Pacific Ocean by swirling underwater currents. Here we’ve illustrated the one closest to the USA mainland.

The area affected by the 2010 Gulf oil spill if it had happened at...

The 2010 Gulf of Mexico oil spill has been described as the worst environmental disaster in US history. On the 20th April, the Deepwater Horizon rig blew...

The area covered by the Exxon Valdez oil spill if it had happened at...

In 1989 the Exxon Valdez oil tanker found itself in trouble when it hit Bligh Reef just off the Alaskan coast. The impact caused the side of the tanker...

http://howbigreally.com/dimension/environmental_disasters
The Story of the Center

Words from Center Publication Titles, 1985-2010
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