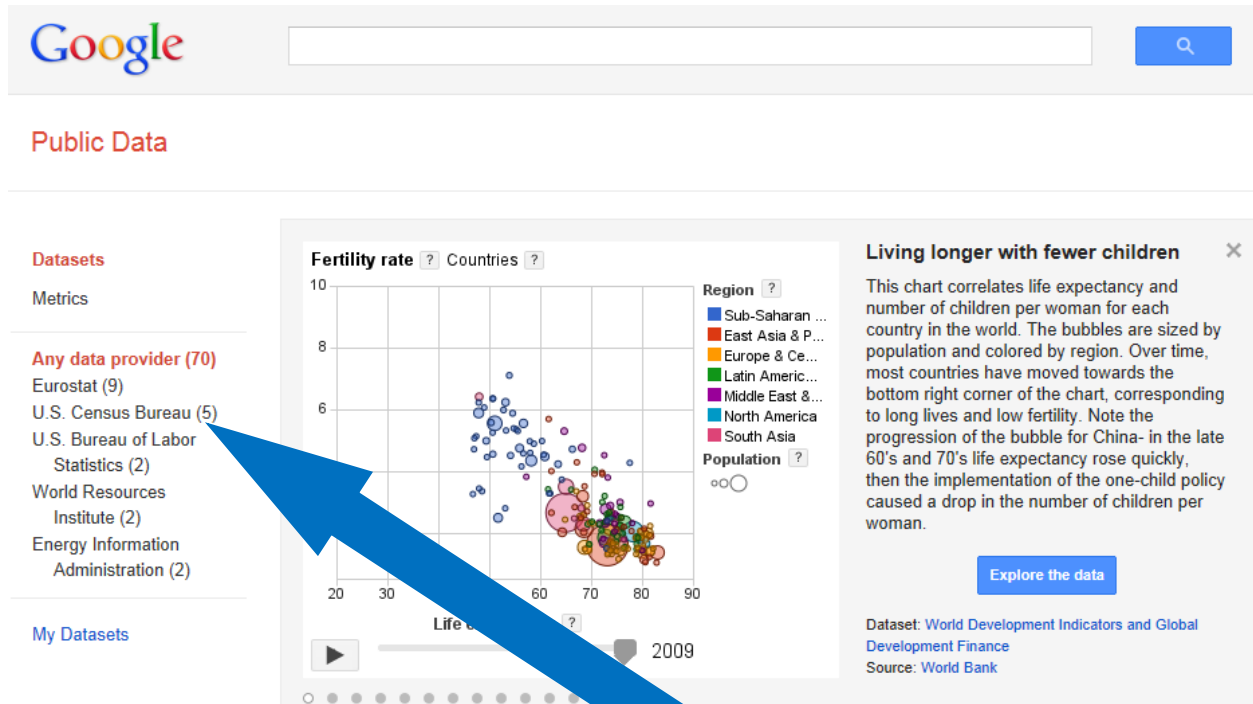


## Web Resources for Constructing Applications

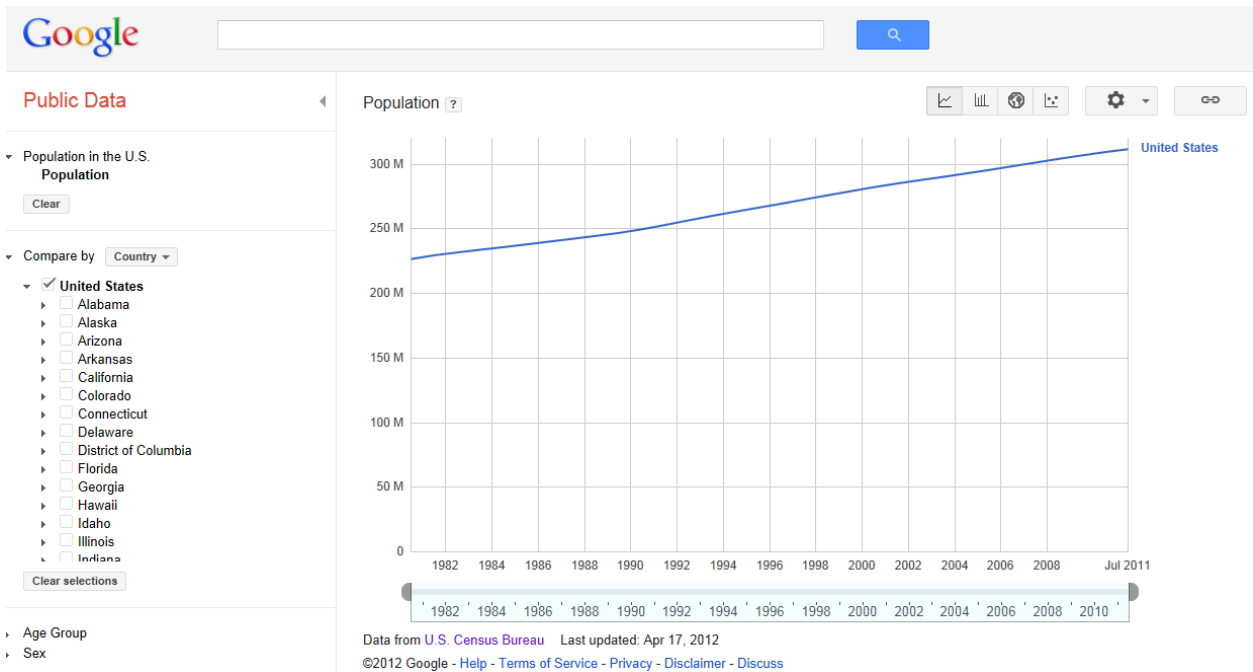
Andrea Hendricks and Pauline Chow

NCTM, April 26, 2012

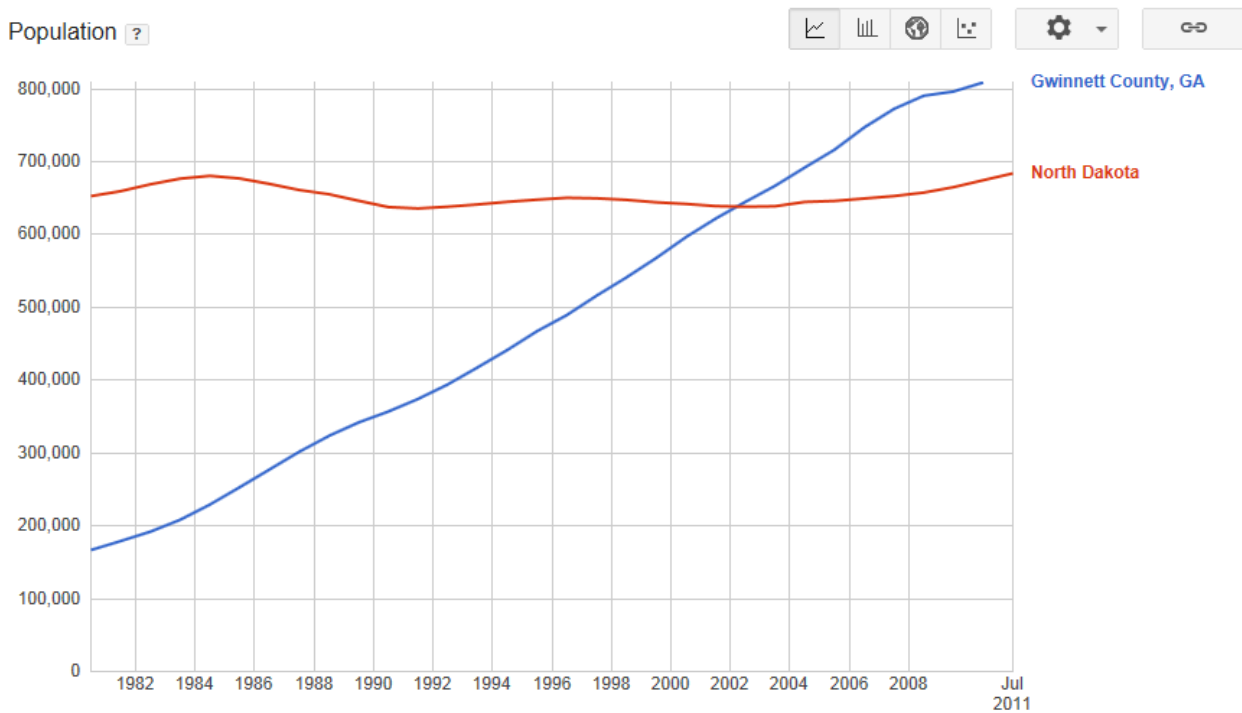
### Google Population Data (<http://google.com/publicdata/directory>)



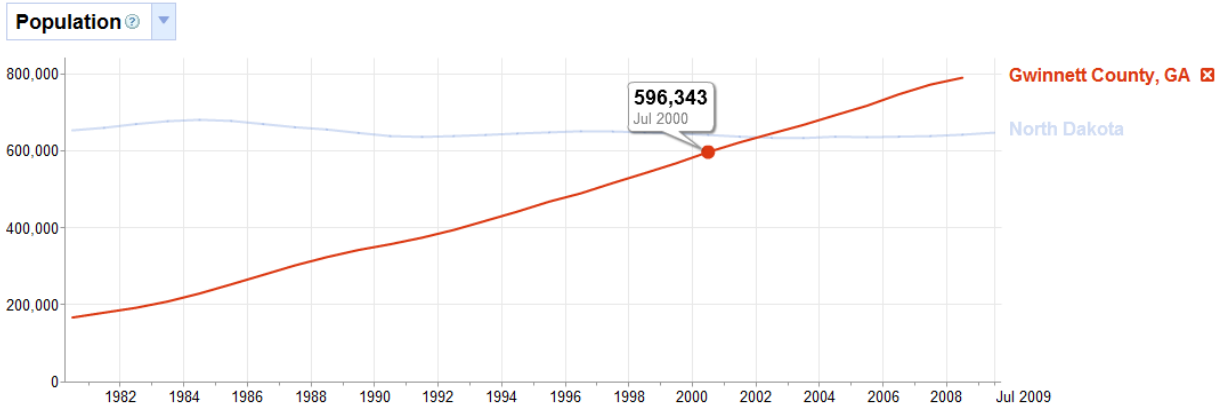
Click U.S. Census Bureau > Population in the U.S. > Explore the Data. From the left menu, you can drill down to state and county data.



In the next screen, the population of Gwinnett County, GA and North Dakota are displayed.



This is a great opportunity for an application of systems. We only need to find the trendlines for the years in question. Hover over the line in question to obtain specific data points.



Gwinnett Co. , Georgia		North Dakota	
Years Since 2000	Population	Years Since 2000	Population
0	596343	0	641183
1	621901	1	636211
2	644872	2	633521
3	666978	3	632689
4	692302	4	636196
5	716818	5	635222

Input data into columns. Highlight the cells in the two columns and click Insert > Scatter Plot. Select the one shown by the arrow to get graph to the right.

Right click on the data points and select Add Trendline. Choose linear and check the box for display equation on chart and display r<sup>2</sup> value on chart.

$y = 23877x + 596844$   
 $R^2 = 0.9996$

Now we can interpret slope, find intersection and predict growth using the linear models.

# Star Tribune Population Data

(<http://www.startribune.com/newsgraphics/112068769.html>)

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Site Index Search the Star Tribune

## StarTribune | news graphics

Steals **READY TO SAVE?** 50% off at Cascade Lodge w/ Breakfast & Snowshoe/Cat Rental

News Local Sports Business Politics Opinion Lifestyle Entertainment Classifieds Autos Housing Jobs Shopping Weekly Ad

**COSTUMES, CANDY AND MONSTROUS SAVINGS AT THE HALLOWEEN 3-DAY SALE** rollover to SAVE NOW

Home > News Graphics

### 2010 Census Data

Information on population change, population density and apportionment from the 2010 Census

Recommend 20 Tweet 1 Share

POPULATION CHANGE | POPULATION DENSITY | APPORTIONMENT

#### Population Change

Population change is the rate of change in population between decennial census years. While every census region grew considerably during the twentieth century, the South and West experienced the largest increases in population.

**POPULATION CHANGE SINCE 1910 UNITED STATES**  
 POP. 308.8 MIL  
 92.2  
 308,745,538  
 % CHG: 21.0 15.0 18.2 7.3 14.5 18.5 13.3 11.5 9.8 13.2 9.7

**REGIONAL POPULATION GROWTH 2000-2010**  
 WEST 13.8% MIDWEST 3.9% NORTHWEST 3.2% SOUTH 14.3%

Choose a Decennial Census Year: 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010

See footnotes below

Data provided by U.S. Census Bureau.  
 Population Density: Includes Puerto Rico and the District of Columbia in population density rankings, 1 to 52.  
 Apportionment: Apportionment is the process of dividing the 435 seats in the House of Representatives among the 50 states. Puerto Rico and the District of Columbia are not included.  
 Alaska and Hawaii gained statehood in 1959. Arizona and New Mexico gained statehood in 1912. Data before those periods are not reflected on the map.  
 Congress did not reapportion in 1920. Therefore, the apportionment data shown for this decade replicates the data for 1910. There is no data reflected for the apportionment population in the 1920 "people per representative" chart.

As your scroll over each state, the long term trend for that state is displayed:

### Population Change

Population change is the rate of change in population between decennial census years. While every census region grew considerably during the twentieth century, the South and West experienced the largest increases in population.

**POPULATION CHANGE SINCE 1910 GEORGIA**  
 POP. 9.7 MIL  
 2.6  
 9,687,653  
 % CHG: 17.7 11.0 0.4 7.4 10.3 14.5 16.4 19.0 18.6 26.4 18.3

**REGIONAL POPULATION GROWTH 2000-2010**  
 WEST 13.8% MIDWEST 3.9% NORTHWEST 3.2% SOUTH 14.3%

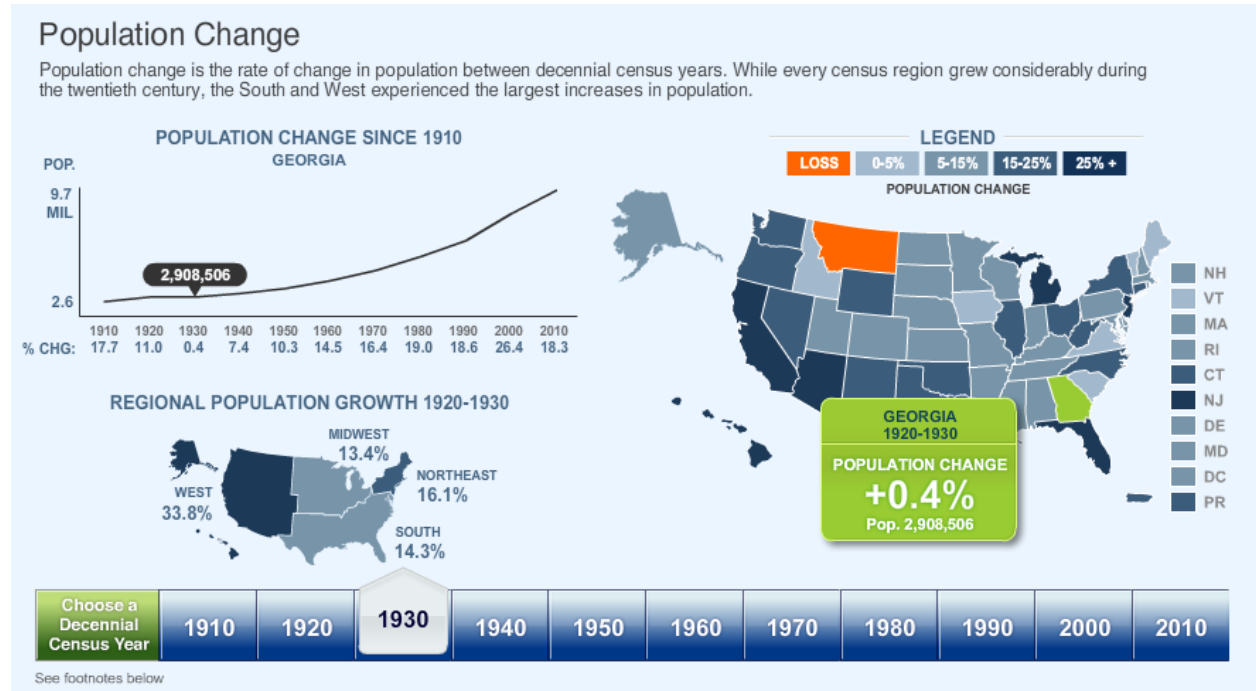
Choose a Decennial Census Year: 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010

See footnotes below

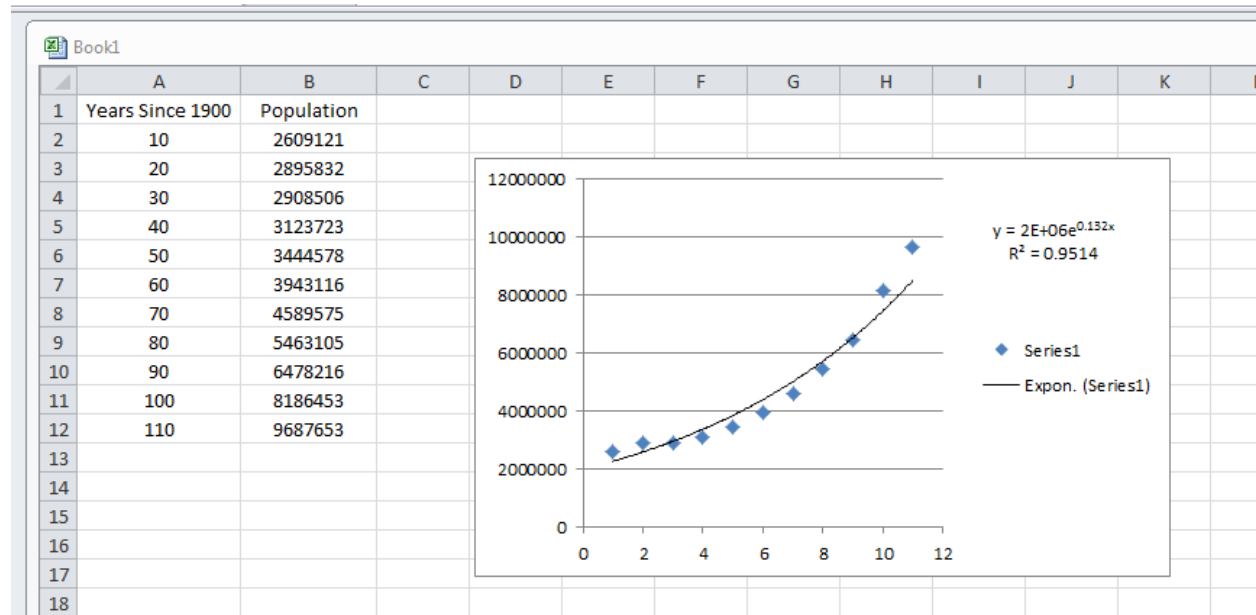
**LEGEND**  
 LOSS 0-5% 5-15% 15-25% 25% +  
 POPULATION CHANGE

**GEORGIA 2000-2010**  
 POPULATION CHANGE  
**+18.3%**  
 Pop. 9,687,653

This now leads to a discussion about the application of exponential functions. Select a year at the bottom to get specific annual data for that state.



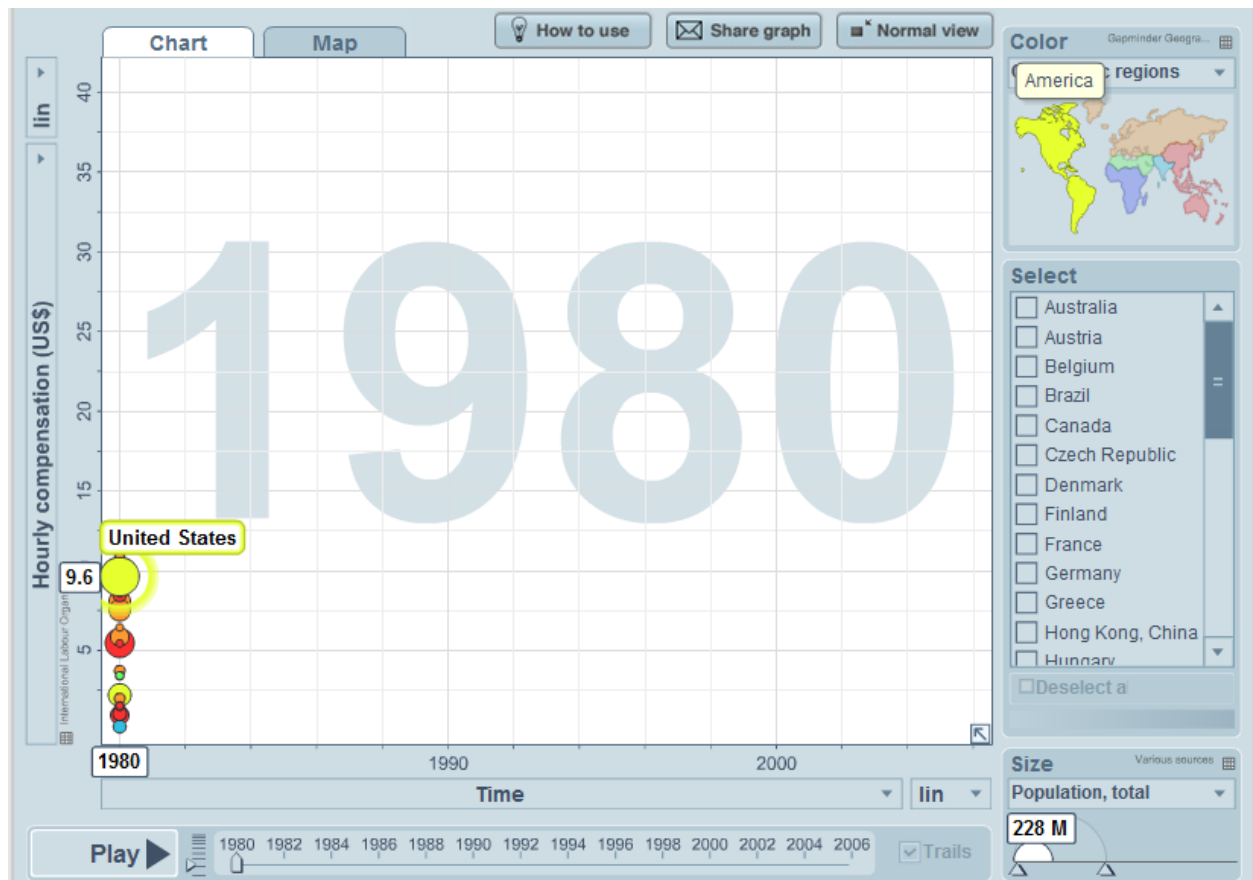
Build a data set and use Excel to produce the graph:



## GapMinder (<http://www.gapminder.org>)

A web-service displaying time series of development statistics for all countries

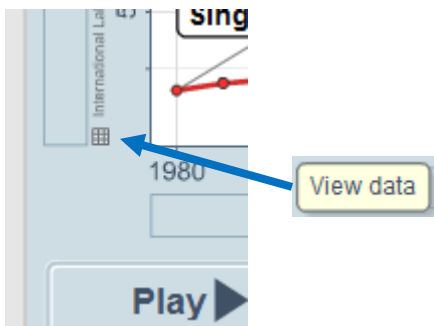
Data > Hourly compensation (Time on the  $x$ -axis and hourly compensation on the  $y$ -axis). As you scroll over a bubble, the country's name will appear. The population of the country will appear in the lower right corner and the geographic region where the country is located will be highlighted in the upper right corner.



Click play to view the changes in hourly compensation with respect to time. Then we can select countries to highlight.



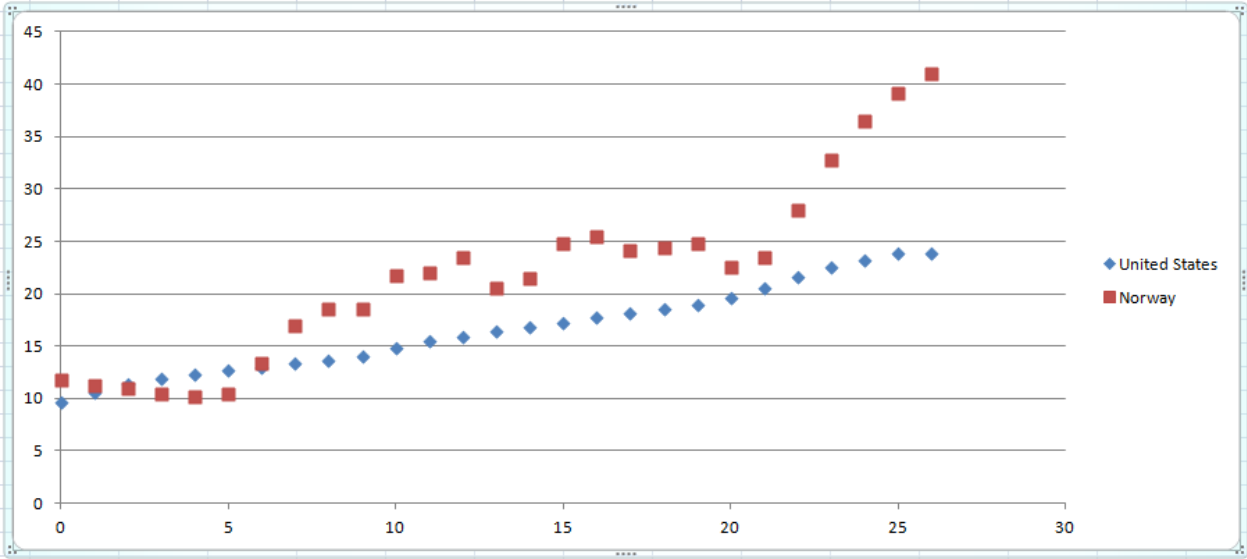
To get the data set, click the view data icon below the y-axis. This will display the data in a Google spreadsheet.



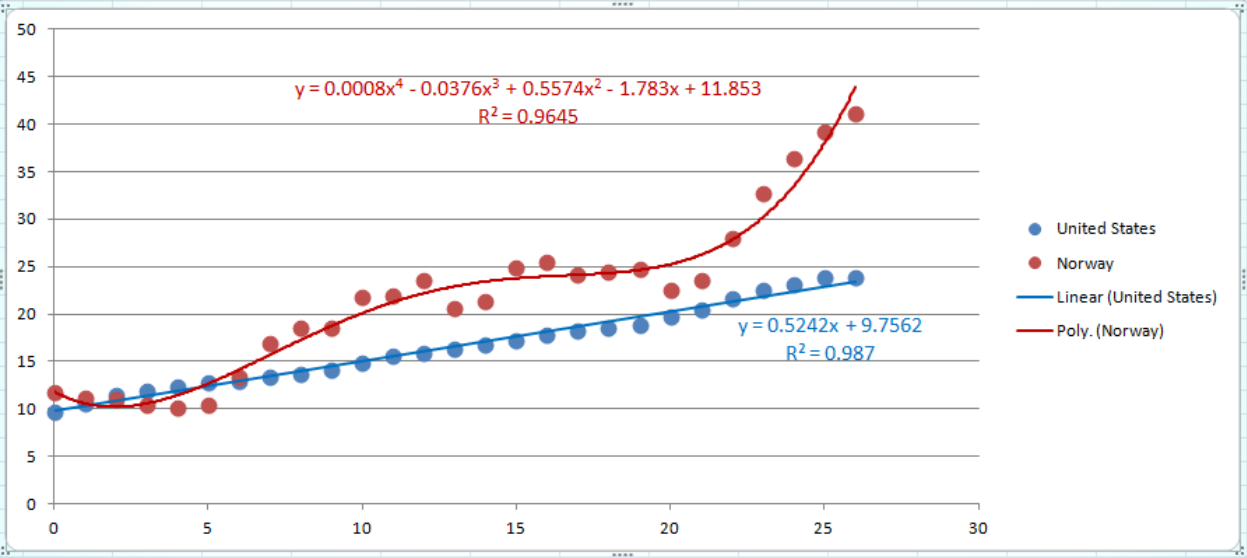
To download data into excel spreadsheet, go to [gapminder.org/data](http://gapminder.org/data) and search for hourly compensation. Click the excel icon.



Then copy and paste the selected rows into another sheet. Re-center years at 0 and then insert a scatter plot of the data.



Change markers > Format Data Series, right click on data set. Add trendline.





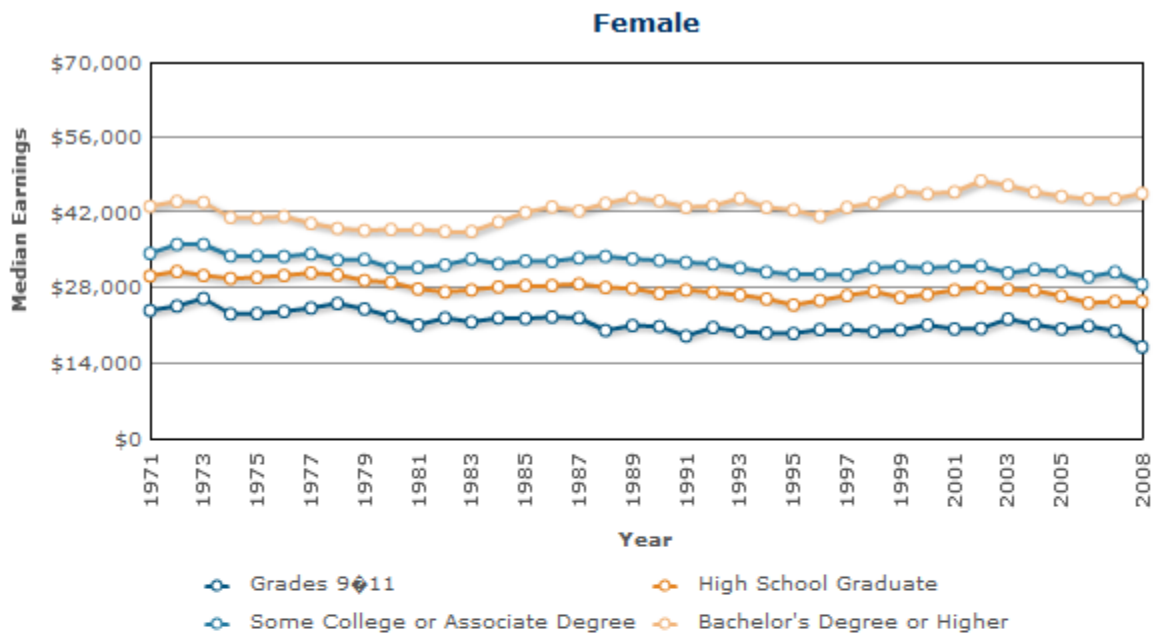
## Trends in Higher Education

The College Board provides detailed information on college pricing, student aid, and the benefits of education.

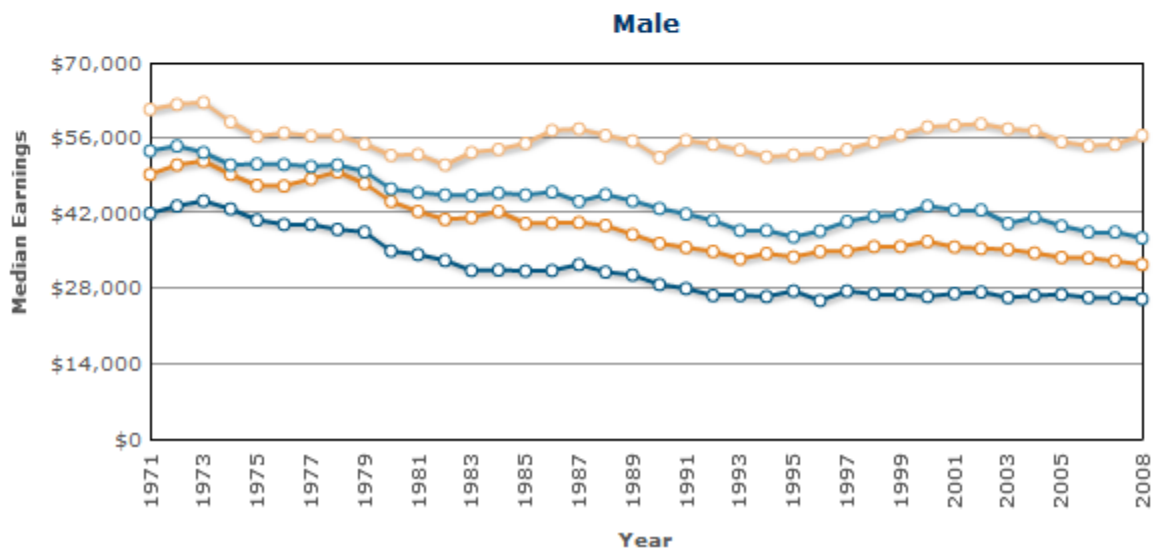
<http://trends.collegeboard.org/>


We will go into Education Pays > Enter website > Figures & Tables.

Earnings over Time by Education Level and Gender (Figure 1.6)



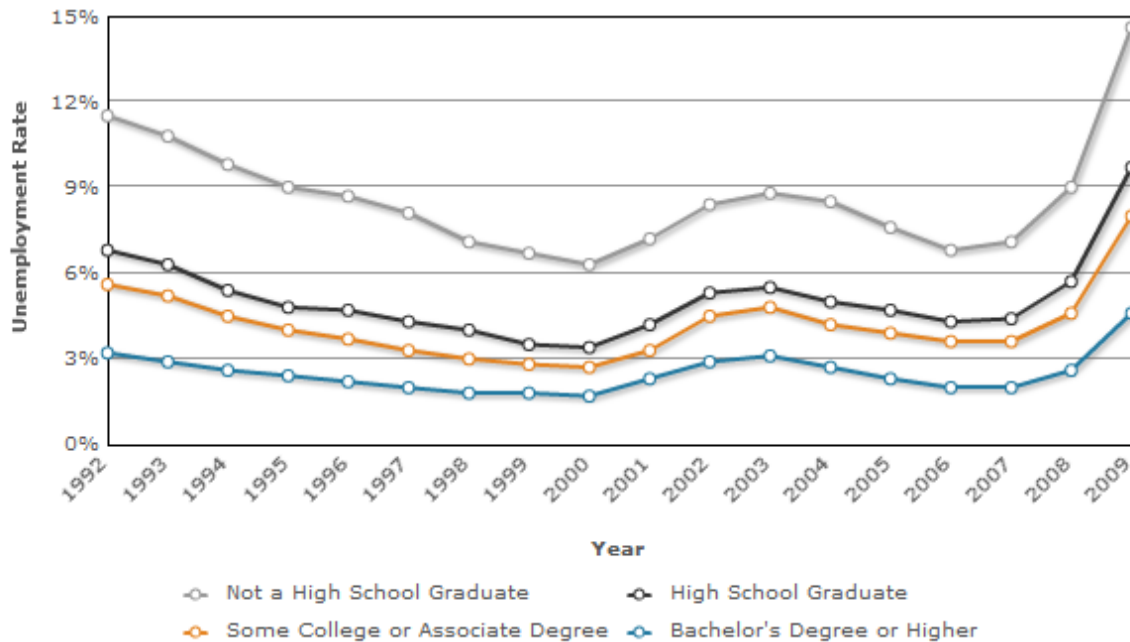
[View Notes and Sources](#)



Click  [Download Figure 1.6 data](#) to download data to excel.

## Unemployment Rates by Education Level

**Figure 1.10a: Unemployment Rates Among Individuals Ages 25 and Older, by Education Level, 1992–2009**



[View Notes and Sources](#)



[Download PDF of indicator](#)



[View accessible version](#)



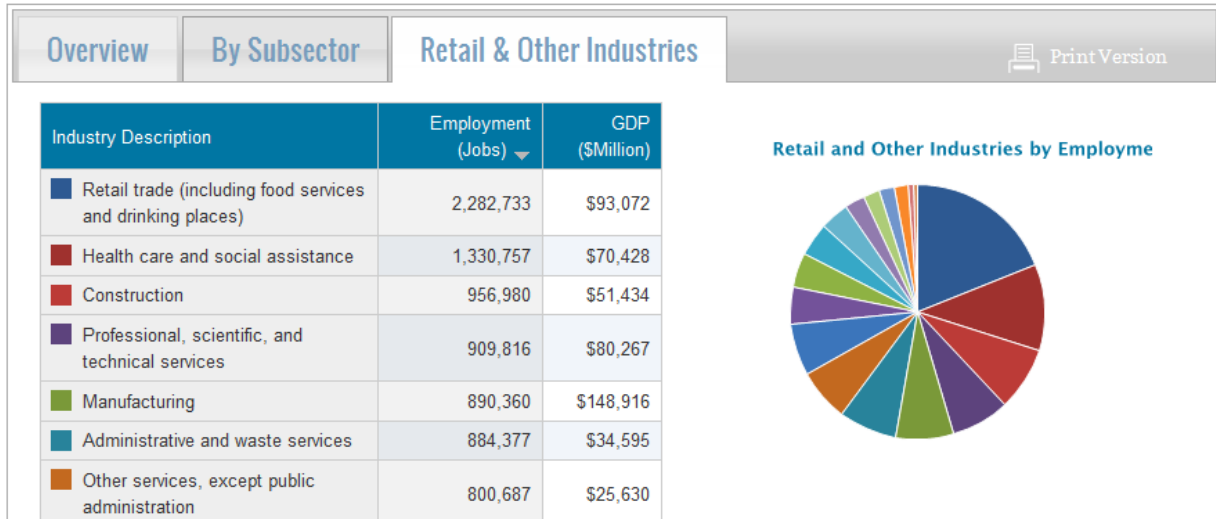
[Download Figure 1.10a data](#)

**Retail Means Jobs** (<http://www.retailmeansjobs.com/>) provides data on the economic impact of retail establishments.



Click on a state to find specific information about that state's retail industries. Good site for pie graphs.

*Greetings from*  
**TEXAS**



# National Association of Theater Owners Statistics

(<http://www.natoonline.org/statistics.htm>)

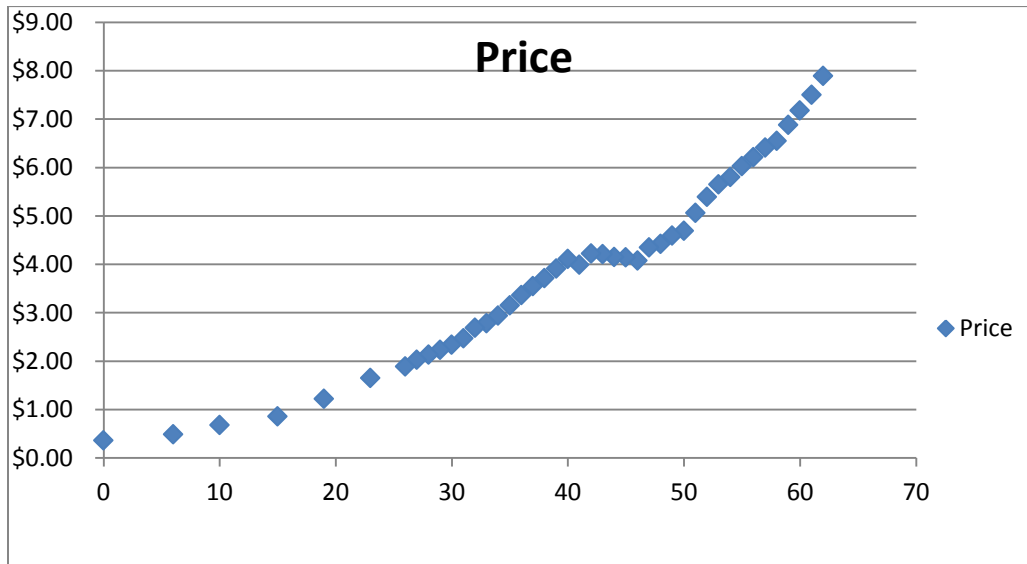
Application of Piecewise Defined Function

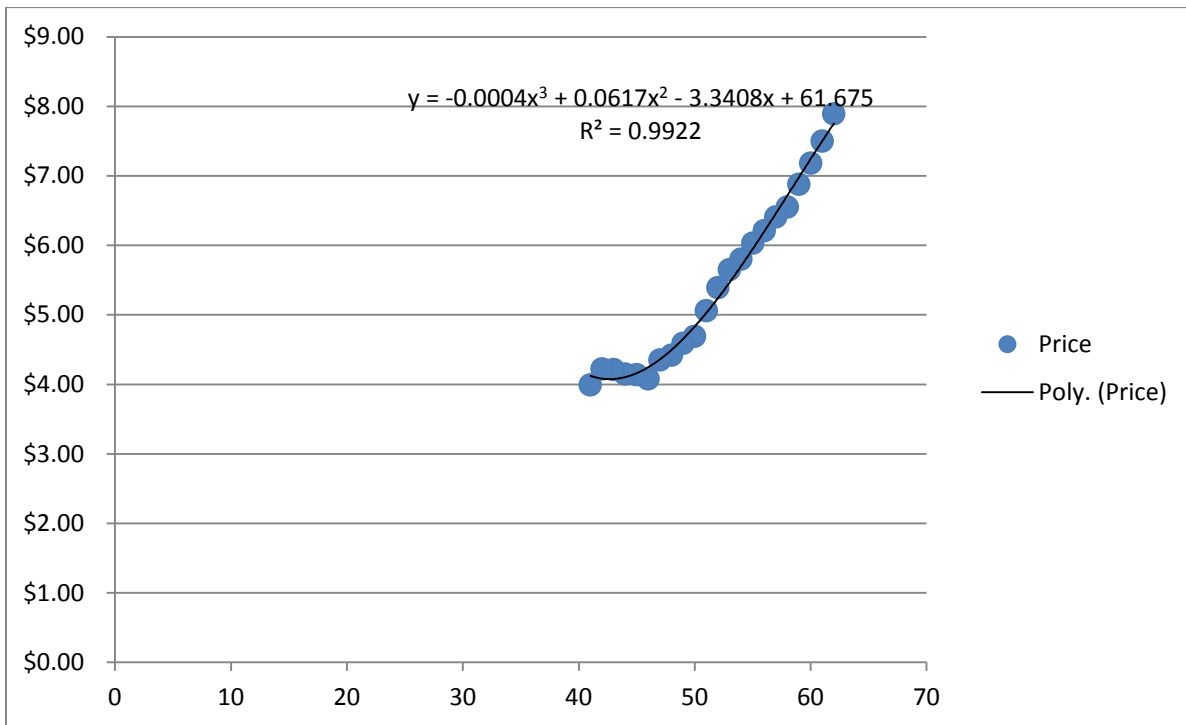
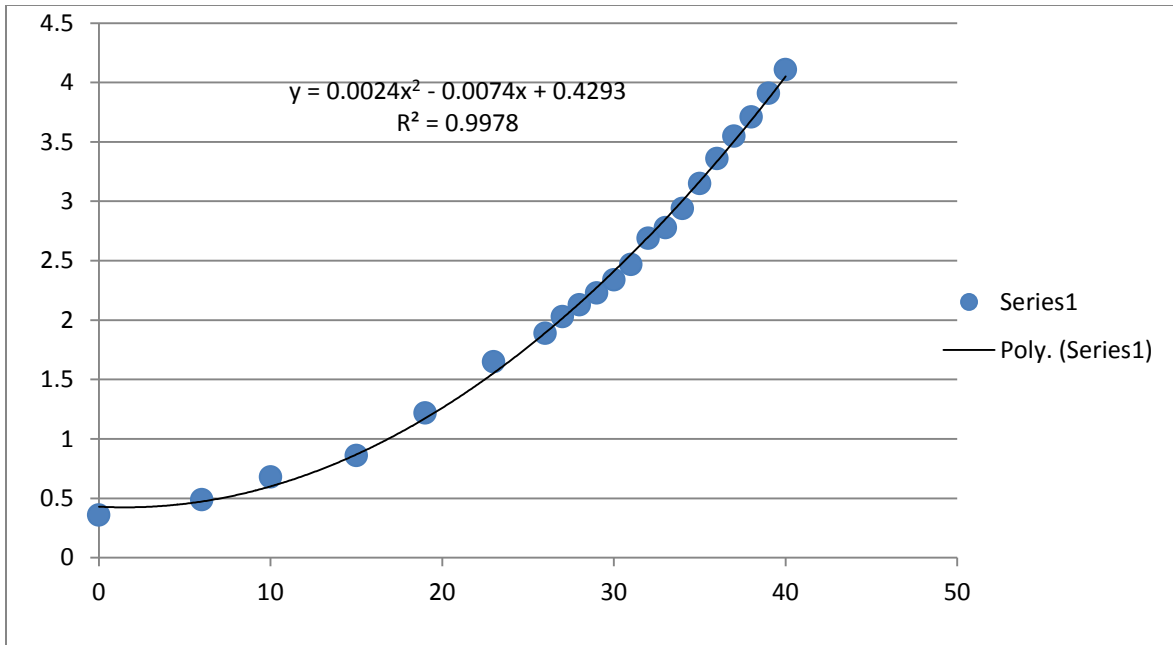
### MOVIE THEATRE STATISTICS

- [Total U.S. Box Office Grosses](#)
- [Total Number of U.S. Admissions](#)
- [Average U.S. Ticket Prices](#)
- [Number of U.S. Movie Screens](#)
- [Number of U.S. Cinema Sites](#)
- [Top 10 Circuits](#)
- [Top Movies by Rating](#)

### U. S. TICKET PRICES

Year	Price
2010	\$7.89
2009	7.50
2008	7.18
2007	6.88
2006	6.55
2005	6.41
2004	6.21
2003	6.03
2002	5.80
2001	5.65
2000	5.39
1999	5.06
1998	4.69
1997	4.59
1996	4.42
1995	4.35
1994	4.08
1993	4.14
1992	4.15
1991	4.21
1990	4.22
1989*	3.99
1988	4.11
1987	3.91
1986	3.71
1985	3.55
1984	3.36
1983	3.15
1982	2.94
1981	2.78
1980	2.69
1979	2.47
1978	2.34
1977	2.23
1976	2.13
1975	2.03
1974	1.89
1971	1.85
1967	1.22
1963	.88
1958	.68
1954	.49
1948	.36





## CTIA - The Wireless Association (<http://www.ctia.org/index.cfm>)

An international nonprofit membership organization that has represented the wireless communications industry since 1984

Media > Industry Info > Wireless 101 > Wireless Quick Facts

<b>Wireless Quick Facts</b>				
<b>Mid-Year Figures</b>				
<b>Topic</b>	<b>Jun-11</b>	<b>June-06</b>	<b>June-01</b>	<b>June-96</b>
<b>Wireless Subscriber Connections</b>	322.9M	219.6M	118.4M	38.2M
<b>Wireless Penetration equals</b> # of active units divided by the total U.S. and territorial population (Puerto Rico, Guam and the USVI)	102.4%	72.5%	40.9%	14%
<b>Wireless-Only Households<sup>1</sup></b> % of U.S. Households	29.7%	10.5%	N/A	N/A
<b>Direct Carrier Jobs</b>	243,239	238,236	196,317	73,365
<b>Wireless Carrier Payroll<sup>2</sup></b> Direct Carrier Wages	N/A	\$13.1B	\$11.3B	N/A
<b>Annualized Total Wireless Revenues</b>	\$164.6B	\$118.3B	\$58.7B	\$21.5B
<b>Annualized Wireless Data Revenues</b>	\$55.4B	\$11.3B	\$280.8M	N/A
<b>Annualized Incremental Capital Investment</b>	\$27.5B	\$22.7B	\$23.1B	\$5B
<b>Annualized Minutes of Use</b>	2.25T	1.68T	344.9B	44.4B
<b>Monthly Text Messages</b>	196.9B	12.5B	33.5M	N/A
<b>Annualized Yearly Text Messages</b>	2.12T	113.5B	N/A	N/A
<b>Cell Sites</b>	256,920	197,576	114,059	24,802

# The National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration collects data concerning climate. The data can be accessed by state and by major city.

[www.esrl.noaa.gov/psd/data/usstations](http://www.esrl.noaa.gov/psd/data/usstations)

U.S. Department of Commerce | National Oceanic & Atmospheric Administration | NOAA Research

**Earth System Research Laboratory**  
Physical Sciences Division

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Physical Sciences Division | About | Contact | Research | Data | Products | Outreach

### US Station Daily Data: Access by State

By selecting a state and then a city, the user can examine the temperature and precipitation station data for continental US. All stations available have data from 1950 until 1999 for daily maximum and minimum temperature and for precipitation.

If you have problems with a plot, please send me the webpage you were using and all input values.  
Detailed help and data set information is available.

**Choose a state**

Alabama	Arizona	Arkansas
California	Colorado	Connecticut
Delaware	Florida	Georgia
Idaho	Illinois	Indiana
Iowa	Kansas	Kentucky
Louisiana	Maine	Maryland
Massachusetts	Michigan	Minnesota
Mississippi	Missouri	Montana
Nebraska	Nevada	New Hampshire
New Jersey	New Mexico	New York
North Carolina	North Dakota	Ohio
Oklahoma	Oregon	Pennsylvania
Rhode Island	South Carolina	South Dakota
Tennessee	Texas	Utah
Vermont	Virginia	Washington
West Virginia	Wisconsin	Wyoming

U.S. Department of Commerce | National Oceanic and Atmospheric Administration  
Earth System Research Laboratory | Physical Sciences Division  
<http://www.esrl.noaa.gov/psd/data/usstations/index.html>

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Contact Us | Webmaster  
Site Index

Once you have selected a state (Georgia was selected as an example), select “climatologies” :

## Georgia: Select a city

Select type of plot. Plots use data from 1950-1999.

- Climatologies
- Time Series Plots
- Data Distribution Plots

---

Now you can gather data. In the example below, mean temperatures for the station in Atlanta are collected:

### Georgia Climatologies: Select a city

Click over a city name. Plots use data from 1950-1999.

**Stations Available:** ALBANY, ALMA FAA AIRPORT, AMERICUS 4 ENE, ATHENS BEN EPPS AP, **ATLANTA HARTSFIELD AP**, AUGUSTA DANIEL FIELD, BLAIRSVILLE EXP STA, BROOKLET 1 W, BRUNSWICK, BRUNSWICK FAA AIRPORT, CAMILLA 3 SE, CARROLLTON, CARTERSVILLE, CEDARTOWN 3 NE, CLAYTON 1 W, COLUMBUS METRO AP, CORDELE WATER WORKS, CORNELIA, CUTHBERT, Central CD, DAHLONEGA 2 NW, DALTON, DOUGLAS 2 NNE, DUBLIN, EASTMAN 1 W, EXPERIMENT, East Central CD, FITZGERALD

**Purpose:** To calculate and display long-term means of station data variables over the US.

Climatology Options: [Help and Hints](#) [Data Set Information](#)

(If you have any problems, please email me your input options, the URL and the nature of the problem. Thanks.)

**Variables:** Daily Temperature Range, Max Temperature, **Mean Temperature**, Min Temperature, Precipitation, Record High Max Temperature, Record High Min Temperature, Record High Precipitation, Record Low Max Temperature

Type of climatology: Daily Type of output: Mean

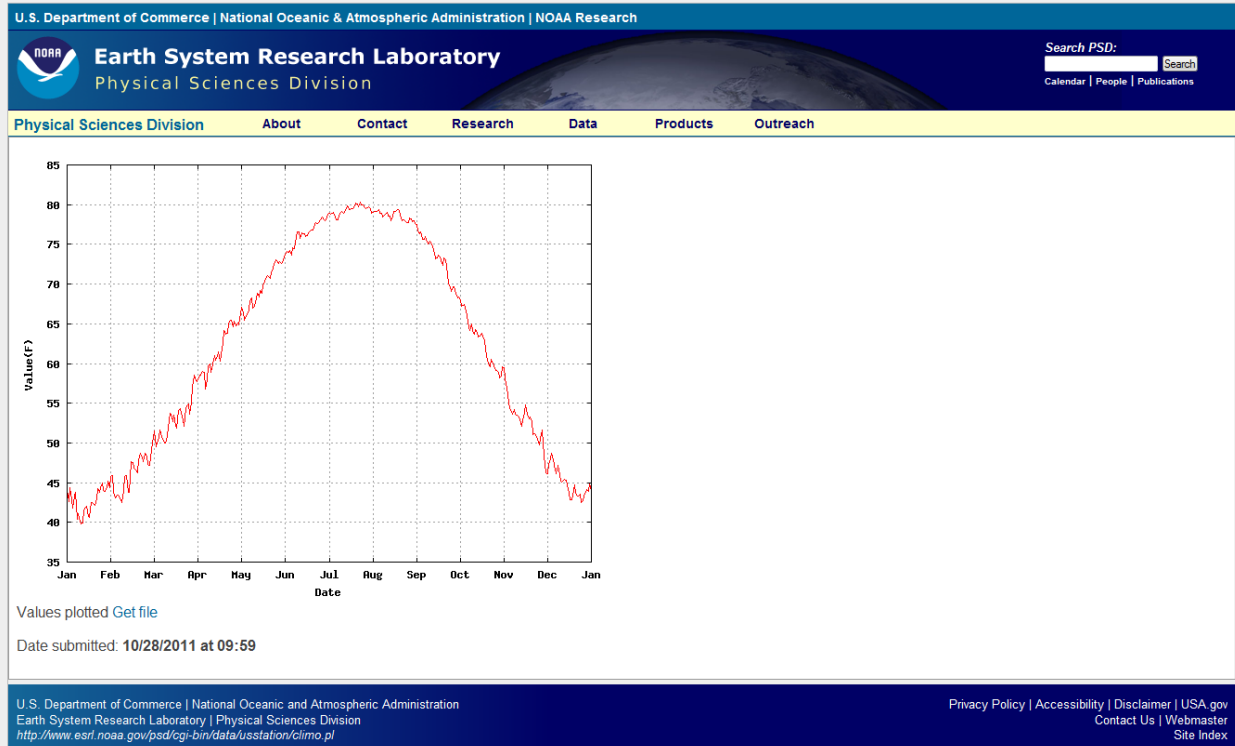
(Optional) Set year range for climatology: First Year: Last Year:

(Optional) Set y-range: Low: High:

(Optional) Set time sub-range on plot: Low High (Day of year: 1-365 Can overlap Dec 31 as in 335 to 59)

(Optional) Running Mean smoother: Days, Weeks or Months.

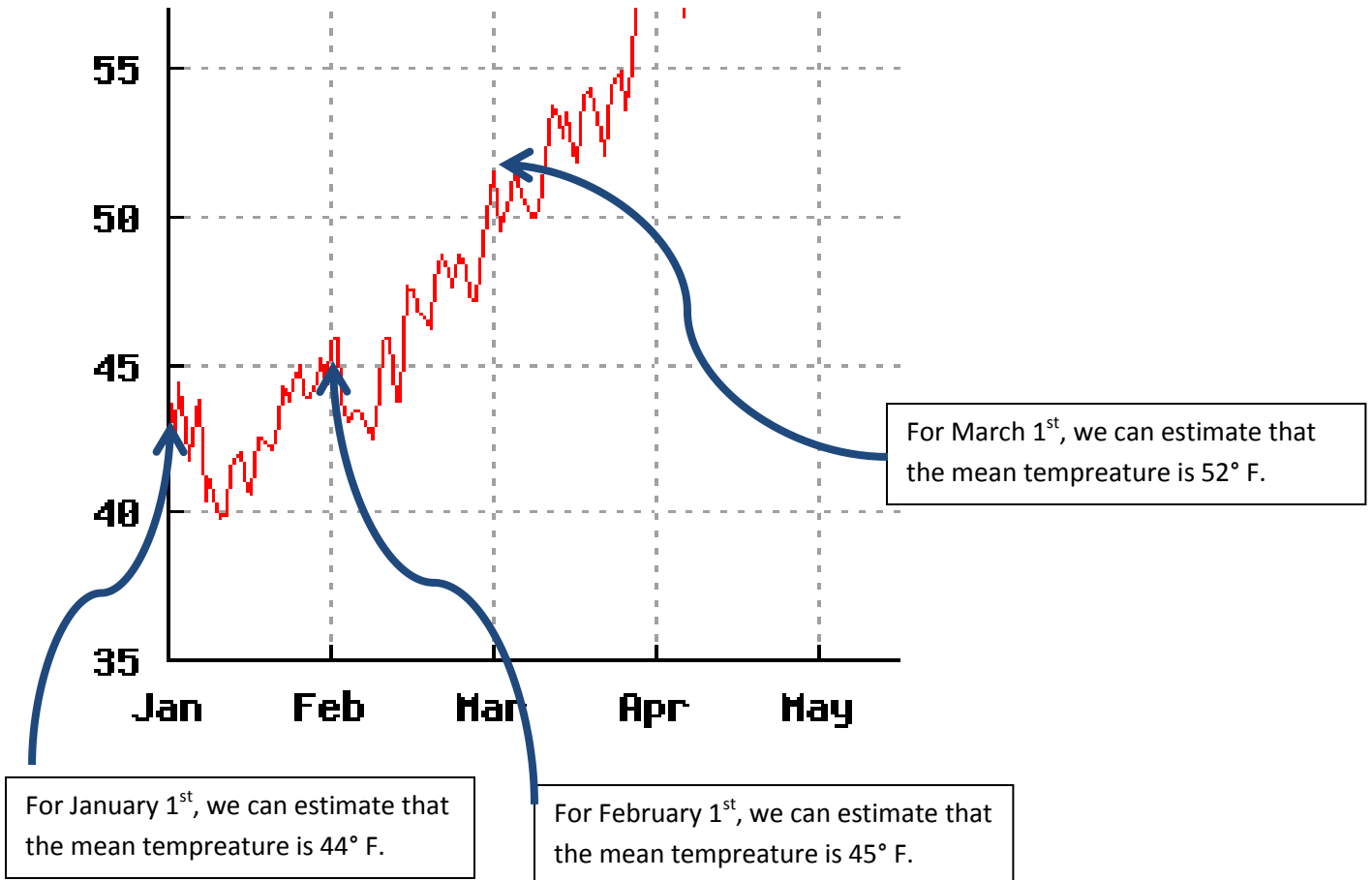
Once "Submit" is pressed, the output is seen below:





Now it's time to put the student's to work....

Students can use the above graph to pull estimated data values to use in a spreadsheet. We will demonstrate the creation of a data set. The independent variable will be the first day of the month; the dependent variable will be the daily mean temperature. The picture below is an enlargement of the bottom left corner of the above graph.



Continuing with the above, we develop a data set:

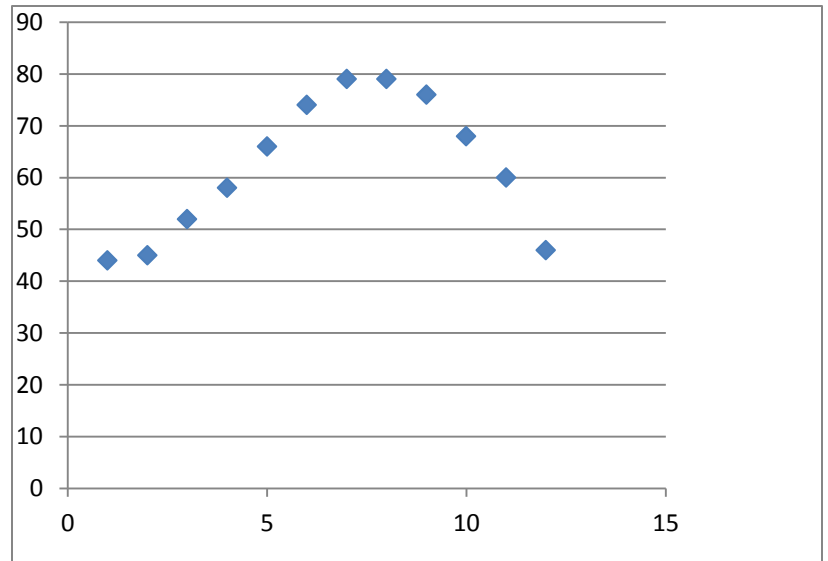
X First day of Month	Y Mean Temperature (°F)	X First day of Month	Y Mean Temperature (°F)
1	44	9	76
2	45	10	68
3	52	11	60
4	58	12	46
5	66		
6	74		
7	79		
8	79		

This is the data that we enter into an Excel spreadsheet.

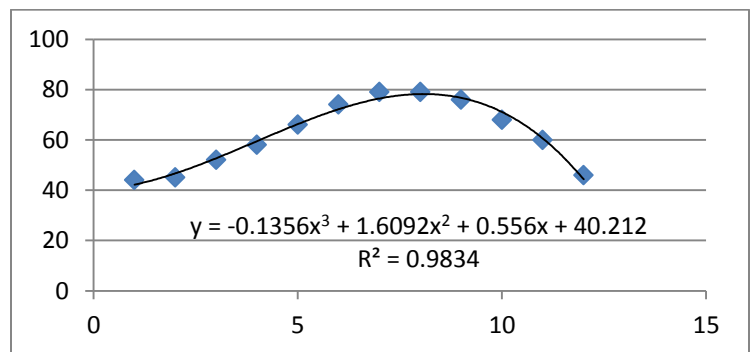
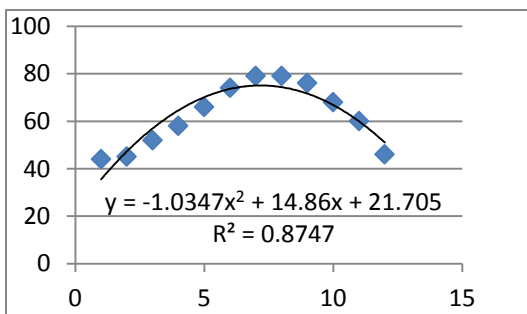
	A	B	C
1			
2			
3	1	44	
4	2	45	
5	3	52	
6	4	58	
7	5	66	
8	6	74	
9	7	79	
10	8	79	
11	9	76	
12	10	68	
13	11	60	
14	12	46	
15			

Now the students can develop their own trendlines and explore models that best fit the data.

The student should drag and select the temperatures column and then select the “Insert” tab. Once there, they should select “Scatter” and produce a scatter plot of the temperatures.



We can then use Excel to provide trendlines in various degrees:



# The Centers for Disease Control and Prevention

The Centers for Disease Control and Prevention website also proves to be an excellent resource:

<http://www.cdc.gov/>

The screenshot shows the CDC website homepage. At the top is the CDC logo and the tagline "Centers for Disease Control and Prevention. CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention." Below this is a search bar and an alphabetical index. The main content area features a "World Stroke Day" banner with a family photo and a "GO" button. To the right of the banner is a vertical menu with links: "Halloween Health", "Prevent Infections", "Video Contest", "Lead Poisoning", and "Stroke". Below the banner is a "Health & Safety Topics" section with eight categories: "Diseases & Conditions", "Healthy Living", "Emergency Preparedness & Response", "Injury, Violence & Safety", "Environmental Health", "Travelers' Health", "Life Stages & Populations", and "Workplace Safety & Health". To the right of this section is a "Drinking and Driving: A Threat to Everyone" advertisement for Vital Signs. Below the advertisement is a "Data & Statistics" section featuring a chart titled "Duration of RSV Season, by Region, Jul 2010–Jun 2011" and a "More Data & Statistics" link. To the right of the "Data & Statistics" section is a "News & Events" section with a "Public Health Matters Blog" and a "Multistate Outbreak of Human Salmonella Enteritidis Infections" link. At the bottom of the page is a "Featured Multimedia & Tools" section with three items: "CDC-TV", "Buttons & Badges", and "Mobile". A blue arrow points from a text box at the bottom left to the "More Data & Statistics" link.

**World Stroke Day**  
Reduce Your Chance of Stroke **GO**

Halloween Health  
Prevent Infections  
Video Contest  
Lead Poisoning  
Stroke

**Health & Safety Topics**

- Diseases & Conditions**  
ADHD, Birth Defects, Cancer, Diabetes, Fetal Alcohol Syndrome, Flu, Hepatitis, HIV/AIDS, STDs...
- Healthy Living**  
Food Safety, Bone Health, Physical Activity, Immunizations, Genetics, Smoking Prevention...
- Emergency Preparedness & Response**  
Bioterrorism, Chemical & Radiation Emergencies, Severe Weather...
- Injury, Violence & Safety**  
Brain Injury, Child Abuse, Falls, Fires, Poisoning, Suicide, Youth Violence...
- Environmental Health**  
Air Pollution, Carbon Monoxide, Lead, Mold, Water Quality, Climate Change...
- Travelers' Health**  
Destinations, Outbreaks, Travel Vaccinations, Yellow Book...
- Life Stages & Populations**  
Infant & Child, Men, Minorities, Pregnancy, Seniors, Women...
- Workplace Safety & Health**  
Asbestos, Chemical Safety, Construction, Mining, Office Environments, Respirators...

**Drinking and Driving: A Threat to Everyone**  
See Full Issue »  
Vital Signs

**Data & Statistics**  
Duration of RSV Season, by Region, Jul 2010–Jun 2011  
More Data & Statistics »

**News & Events**  
Public Health Matters Blog  
Multistate Outbreak of Human Salmonella Enteritidis Infections

**Featured Multimedia & Tools**  
CDC-TV: Watch, listen, and learn  
Buttons & Badges: Add a button or badge to  
Mobile: View CDC information on

Select "More Data and Statistics"

The available reports:



Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention.

 **SEARCH**

A-Z Index **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #**

## Data & Statistics

Motorcycle Safety  
Gaps in Services  
Ground Water >>

Replay GO >>

Protect Ground Water Sources

### Data & Statistics by Topic

- Aging
- Alcohol
- Arthritis
- Asthma
- Autism (ASD)
- Births
- Blood Disorders
- Breastfeeding
- Cancer
- Chronic Diseases
- Deaths
- Diabetes
- Disease Classification
- Foodborne Illness
- Genomics
- Growth Charts
- Healthy Water
- Heart Disease
- HIV/AIDS
- Immunizations
- Injuries & Violence
- Life Expectancy
- Lyme Disease
- MRSA
- Oral Health
- Overweight & Obesity
- Physical Inactivity
- Reproductive Health
- Smoking & Tobacco
- STDs
- Vital Signs
- Workplace

### Tools & Resources

- [CDC Free Materials & Resources](#)
- [Data & Statistics Features](#)
- [Data & Statistics Publications](#)
- [Growth Charts](#)
- [Health Data Interactive](#)
- [Healthy People 2010 Data](#)
- [Interactive Database Tools](#)
- [National Center for Health Statistics](#)
- [State and Territorial Data](#)
- [State, Tribal, Local & Territorial Gateway](#)
- [State, Tribal, Local & Territorial Publications and Resources](#)
- [State, Tribal, Local & Territorial Surveillance](#)
- [Surveillance Resource Center](#)
- [Surveys and Data Collection Systems](#)
- [VitalStats](#)

Text size: **S** **M** **L** **XL**

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Saving Lives. Protecting People. Saving Money through Prevention.<sup>™</sup>

**LEARN MORE ABOUT HOW CDC WORKS FOR YOU.**

### Highlights

- [Dietary Supplement Use Among U.S. Adults Has Increased Since NHANES III \(1988–1994\)](#)
- [Cost of Injury Reports](#)
- [Excessive Alcohol Use: Addressing A Leading Risk For Death, Chronic Disease, and Injury At A Glance 2011](#)
- [Current Intelligence Bulletin 64: Coal Mine Dust Exposures and Associated Health Outcomes - A Review of Information Published Since 1995](#)

### Related Pages

- [Tools & Resources](#)
- [Publications](#)

### Related CDC Organizations

Public Health Data & Statistics

Published on: Oct 24, 2011

**Duration of RSV Season, by Region, Jul 2010–Jun 2011**

Florida

- Region 2 (New York)
- Region 4 (Atlanta)\*
- Region 6 (Dallas)
- Region 9 (San Francisco)
- Region 3 (Philadelphia)
- Region 1 (Boston)
- Region 10 (Seattle)
- Region 5 (Chicago)
- Region 7 (Kansas City)
- Region 8 (Denver)

JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN

Click image for more information

« Previous Next »

share

First we will examine STD's...

CDC Home  
**CDC** Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention.

A-Z Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) #

## Sexually Transmitted Diseases (STDs)

**Sexually Transmitted Diseases**

- Diseases & Related Conditions
- Pregnancy & Infertility
- Publications & Products
- Program Tools
- Projects & Initiatives
- Data & Statistics**
- Indian Health Service Reports
- Reportable STDs in Young People 15-24, by State
- STD Health Equity
- Archive
- SDMB Contacts
- Training
- Treatment
- About the Division of STD Prevention

[Sexually Transmitted Diseases](#)

### Data & Statistics

**Most Recent Data**

- [Sexually Transmitted Disease Surveillance, 2009](#) - Annual report of statistics and trends for sexually transmitted diseases in the United States through 2009
  - [Trends in Sexually Transmitted Diseases 2009](#) - Summary of trends and highlights of data from the annual report
  - [Slides](#) - Presentation-ready slides of graphs and maps from STD Surveillance, 2009
- [Chlamydia Profiles 2009](#)
- [Syphilis Profiles 2009](#)
- [Gonococcal Isolate Surveillance Project \(GISP\) Profiles 2009](#)

To view older reports, visit the [Data & Statistics Archive](#).

**More Data**

-  **Interactive STD Data 1996-2008**  
Selected STDs by Age, Gender, and Race 1996-2008
-  **STD Health Equity**  
Differences in STD rates by location, gender, age and race.
-  **Reportable STDs in Young People 15-24 Years of Age, by State**
-  **Indian Health Surveillance - STDs**

**Other Resources**

- [Volume and Type of Laboratory Testing Methods for STDs in Public Health Laboratories 2007](#) (February 18, 2011)
- [Sexually Transmitted Disease Morbidity Data](#) - interactive search of STD data from 1984-2008 by state or region
- [Recommendations for Public Health Surveillance of Syphilis in the United States](#) (May 20, 2003)
- [STD Surveillance Case Definitions from 2009 Surveillance Report](#)
  - [Web Version](#)
  - [Print Version](#)
- [Statistics and Data Management Branch \(SDMB\) Contact List](#)

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Page last reviewed: May 14, 2010  
Page last updated: March 16, 2011  
Content source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, Division of STD Prevention

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Centers for Disease Control and Prevention 1600 Clifton Rd. Atlanta, GA 30333, USA  
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348, New Hours of Operation 8am-8pm ET/Monday-Friday  
Closed Holidays - [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

**USA.gov** Government Made Easy

Be sure to note: Prepared PowerPoint Slides, Sexually Transmitted Disease Surveillance (Browse Report Online)

## Next, Smoking and Tobacco

**CDC** Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention.

A-Z Index **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #**

### Data & Statistics

**Data & Statistics by Topic**

- Aging
- Alcohol
- Arthritis
- Asthma
- Autism (ASD)
- Births
- Blood Disorders
- Breastfeeding
- Cancer
- Chronic Diseases
- Deaths
- Diabetes
- Disease Classification
- Foodborne Illness
- Genomics
- Growth Charts
- Healthy Water
- Heart Disease
- HIV/AIDS
- Immunizations
- Injuries & Violence
- Life Expectancy
- Lyme Disease
- MRSA
- Oral Health
- Overweight & Obesity
- Physical Inactivity
- Reproductive Health
- **Smoking & Tobacco**
- STDs
- Vital Signs
- Workplace

#### Tools & Resources

- CDC Free Materials & Resources
- Data & Statistics Features
- Data & Statistics Publications
- Growth Charts
- Health Data Interactive
- Healthy People 2010 Data
- Interactive Database Tools
- National Center for Health Statistics
- State and Territorial Data
- State, Tribal, Local & Territorial Gateway
- State, Tribal, Local & Territorial Publications and Resources
- State, Tribal, Local & Territorial Surveillance
- Surveillance Resource Center
- Surveys and Data Collection Systems
- VitalStats

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#### Public Health Data & Statistics

Published on Oct 24, 2011  
 Duration of RSV Season, by Region, Jul 2010–Jun 2011

#### Highlights

- Dietary Supplement Use Among U.S. Adults Has Increased Since NHANES III (1988–1994)
- Cost of Injury Reports
- Excessive Alcohol Use: Addressing A Leading Risk For Death, Chronic Disease, and Injury At A Glance 2011
- Current Intelligence Bulletin 64: Coal Mine Dust Exposures and Associated Health

## From there, choose State Data:

**CDC** Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention.

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### Smoking & Tobacco Use

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- Youth Tobacco Prevention
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- Publications and Products
- Interagency Committee on Smoking and Health
- Stay Connected
- Frequently Asked Questions
- Newsroom

**Data and Statistics**

Data and other information from various sources, such as CDC surveillance systems, journal articles, and reports.

<p><b>Surgeon General's Reports</b></p> <p>Tobacco-related reports from Surgeon Generals, as well as related materials.</p>	<p><b>Fact Sheets</b></p> <p>Fact sheets by topic, as well as a link to subscribe to the fact sheet RSS feed.</p>
<p><b>Morbidity and Mortality Weekly Reports (MMWRs)</b></p> <p>Brief introduction, highlights, and links to full text of tobacco-related MMWRs.</p>	<p><b>State Data</b></p> <p>State-by-state data with highlights, as well as links to tools.</p>
<p><b>Surveys</b></p> <p>National and international surveys, as well as guides and manuals.</p>	<p><b>Information by Topic</b></p> <p>Adult, global, and other data and statistical information by topic.</p>
<p><b>Tables, Charts, and Graphs</b></p> <p>Collection of adult data, economics, health effects and trends.</p>	<p><b>Vital Signs</b></p> <p>Concise tobacco-related data published by the CDC.</p>

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## Tobacco Control State Highlights:

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## State Data

- **Tobacco Control State Highlights 2010**
- [2006 Data Highlights](#)

### Tools (To Obtain State Data)

- [State Tobacco Activities Tracking and Evaluation \(STATE\) System](#)
- [Smoking-Attributable Mortality, Morbidity, and Economic Costs \(SAMMEC\)](#) (log-in required)



Tobacco Control State Highlights 2010

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## Choose Highlights 2010 (by section)

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## Tobacco Control State Highlights 2010

### Abstract

- **Highlights 2010 Abstract**
- **Highlights 2010 (by section)**
- [Highlights by State](#)
- [Surveillance and Evaluation Supplement](#)
- [Highlights 2010 Download](#) (PDF-6.80 MB)
- [Highlights 2010 Errata](#)
- [Buttons & Widgets](#)
- [Health eCards](#)

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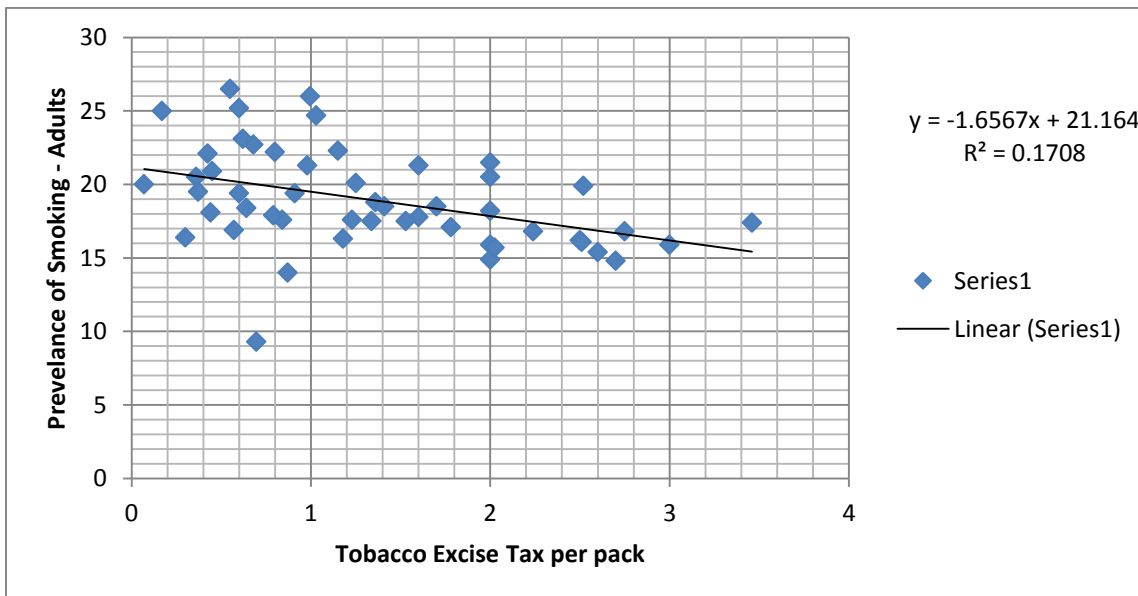
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Select "Indicators by State" at the bottom of the next page, this is a spreadsheet containing summary data for all states (and D.C.)

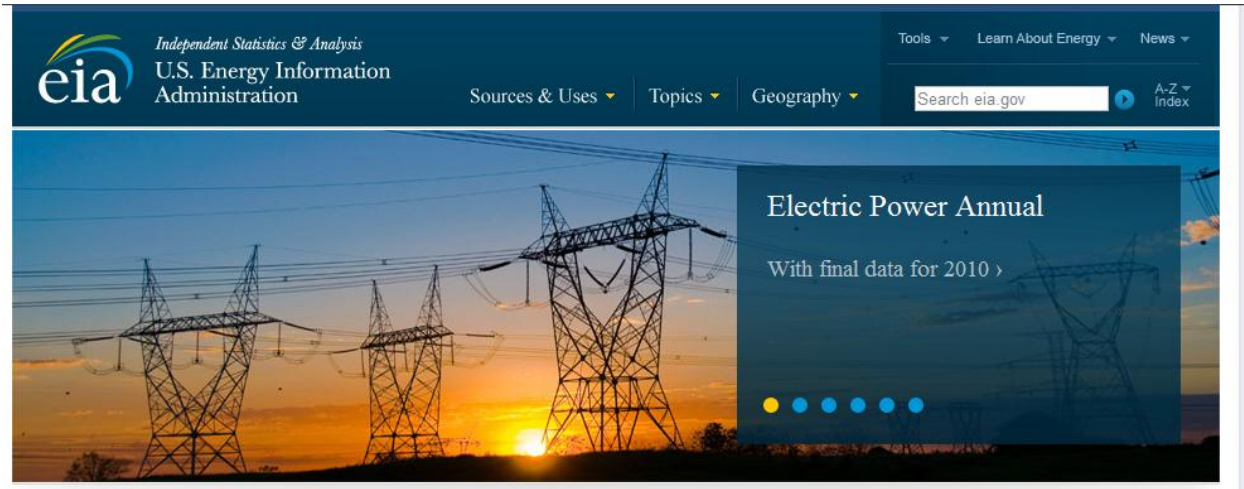
The screenshot shows the CDC website's 'Smoking & Tobacco Use' section. The main heading is 'Complete Document (by section)'. Below this, there are several links to PDF documents, including 'Highlights 2010 Abstract', 'Highlights 2010 Download (PDF-6.80 MB)', 'Highlights 2010 (by section)', 'Highlights 2010 Errata', 'Highlights by State', 'Buttons & Widgets', 'Surveillance and Evaluation Supplement', and 'Health eCards'. A 'Table with all Indicators' section is highlighted in yellow, containing a link to '\* Indicators by State (Excel-59 KB)'. The page also features a sidebar with navigation options like 'Home', 'About This Office', and 'Quit Smoking', along with social media links and a search bar.

I compared excise tax levels to prevalence of smoking: (Taxation doesn't associate with behavior.)





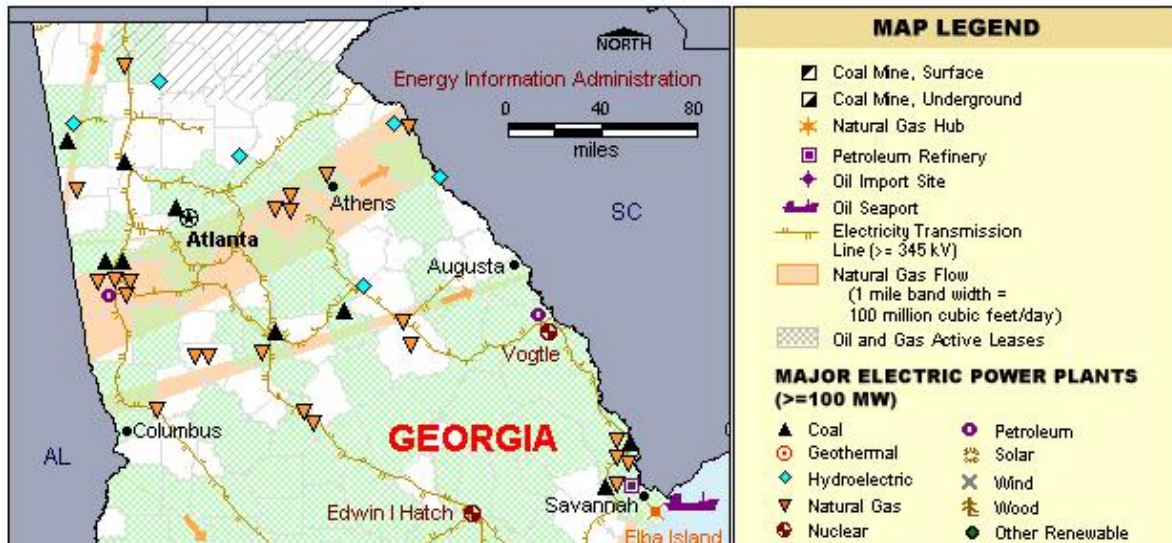
U.S. Energy Information Administration (<http://www.eia.gov/>)



Geography > U.S. States > Select State > Go to Data Tab > Select Economy



### Map of Georgia



## PETROLEUM & OTHER LIQUIDS

### Weekly Retail Gasoline and Diesel Prices

(Dollars per Gallon, Including Taxes)

Area:  Period:

[Download Series History](#) [Definitions, Sources & Notes](#)

Show Data By:		10/10/11	10/17/11	10/24/11	10/31/11	11/07/11	11/14/11	View History
<input checked="" type="radio"/> Product	<input type="radio"/> Area							
<b>Gasoline - All Grades</b>		3.476	3.533	3.520	3.511	3.482	3.495	<a href="#">1993-2011</a>
	All Grades - Conventional Areas	3.422	3.484	3.469	3.460	3.424	3.442	<a href="#">1994-2011</a>
	All Grades - Reformulated Areas	3.584	3.632	3.623	3.614	3.599	3.602	<a href="#">1994-2011</a>
<b>Regular</b>		3.417	3.476	3.462	3.452	3.424	3.436	<a href="#">1990-2011</a>
	Conventional Areas	3.368	3.431	3.415	3.405	3.370	3.388	<a href="#">1990-2011</a>
	Reformulated Areas	3.520	3.571	3.560	3.551	3.535	3.538	<a href="#">1994-2011</a>
<b>Midgrade</b>		3.551	3.604	3.594	3.587	3.558	3.571	<a href="#">1994-2011</a>
	Conventional Areas	3.481	3.540	3.529	3.520	3.483	3.502	<a href="#">1994-2011</a>
	Reformulated Areas	3.685	3.728	3.721	3.714	3.701	3.703	<a href="#">1994-2011</a>
<b>Premium</b>		3.679	3.730	3.721	3.713	3.683	3.697	<a href="#">1994-2011</a>
	Conventional Areas	3.627	3.683	3.673	3.664	3.627	3.647	<a href="#">1994-2011</a>
	Reformulated Areas	3.777	3.818	3.811	3.803	3.788	3.792	<a href="#">1994-2011</a>