GIS Research & Map Collection
Obesity is a medical condition in which excess body fat has accumulated to the extent that it may have an adverse effect on health, leading to reduced life expectancy and/or increased health problems. Body mass index (BMI), a measurement which compares weight and height, defines people as overweight (pre-obese) if their BMI is between 25 kg/m² and 30 kg/m², and obese when it is greater than 30 kg/m².

Obesity increases the likelihood of various diseases, particularly heart disease, type 2 diabetes, breathing difficulties during sleep, certain types of cancer, and osteoarthritis. Obesity is most commonly caused by a combination of excessive dietary calories, lack of physical activity, and genetic susceptibility, although a few cases are caused primarily by genes, endocrine disorders, medications or psychiatric illness. Evidence to support the view that some obese people eat little yet gain weight due to a slow metabolism is limited; on average obese people have a greater energy expenditure than their thin counterparts due to the energy required to maintain an increased body mass.

Dieting and physical exercise are the mainstays of treatment for obesity. Moreover, it is important to improve diet quality by reducing the consumption of energy-dense foods such as those high in fat and sugars, and by increasing the intake of dietary fiber. To supplement this, or in case of failure, anti-obesity drugs may be taken to reduce appetite or inhibit fat absorption. In severe cases, surgery is performed or an intragastric balloon is placed to reduce stomach volume and/or bowel length, leading to earlier satiation and reduced ability to absorb nutrients from food.

Obesity is a leading preventable cause of death worldwide, with increasing prevalence in adults and children, and authorities view it as one of the most serious public health problems of the 21st century. Obesity is stigmatized in much of the modern world (particularly in the Western world), though it was widely perceived as a symbol of wealth and fertility at other times in history, and still is in some parts of the world.

The per capita dietary energy supply varies markedly between different regions and countries. It has also changed significantly over time. From the early 1970s to the late 1990s the average calories available per person per day (the amount of food bought) has increased in all parts of the world except Eastern Europe. The United States had the highest availability with 3,654 calories per person in 1996. This increased further in 2003 to 3,754. During the late 1990s Europe had 3,394 calories per person, in the developing areas of Asia there were 2,648 calories per person, and in sub-Saharan Africa people had 2,176 calories per person. Total calorie consumption has been found to be related to obesity.
WORKING MOTHERS
Number of weeks paid maternity leave 1999
Source: press reports

Global Availability of Paid Leave for New Mothers

Global Availability of Paid Leave for New Fathers
Unsafe abortions
Estimated percentages that are unsafe within each region
2003
World average: 48%

Legal status of abortion

2007
Abortion may be more freely available or more restricted than the law allows
- illegal or severely restricted only to save woman's life
- illegal except to save life or preserve the health of woman and/or if the fetus is impaired
- legal for social or economic reasons
- legal on request but usually with gestational limits
- unclear
- husband's consent needed for abortion
1999 or latest available data
The GRMC includes a Collection of U.S. Geological Survey topographic maps from all fifty states—both current and historic. These maps can be analyzed to show the effects of global warming. The above maps of the same area over fifty years provide evidence of the recession of Davidson Glacier in Alaska.
Mt. Saint Helens, Washington
Europe
Lure of the rich and famous
Birthplace of the modern game, England helped popularize soccer worldwide; in 1966, on its home soil, it won its single World Cup. Today most global soccer revenue comes from Europe, home to the world’s richest professional clubs. Hosted by Germany, the 2006 World Cup will bring together the best national teams in the world, who survived a rigorous, two-year competition to qualify.

Asia
A growing passion
Over the past two decades, a heated soccer rivalry—among Japan, China, and South Korea—has stirred soccer passions across the continent. Not all countries share the fervor, however. Many in South Korea and Pakistan prefer other sports, especially baseball. Meanwhile, oil-rich Persian Gulf states like Saudi Arabia, Kuwait, and Qatar are spending huge sums of money in their programs, hoping to attract top coaches and players and Money can buy for baseball.

Baseball Travel Map
Majors • Minors • Independents
Essential information for the roaming fan

Total players
34,708,100
Adult and youth
female participation
See Part 1
Map of Panem

District 1 Luxury Items
District 2 Granite & Peacekeepers
District 3 Electronics
District 7 Lumber
The Capitol
District 8 Textiles
District 9 Electricity
District 5 Unknown
District 6 Unknown
District 10 Livestock
District 12 Coal
District 13 Graphite & Nuclear
District 11 Agriculture
District 4 Fishing

LEGEND
- Wilds
- Underwater

HUNGER GAMES
Public Enemies: Robberies of the John Dillinger Gang
Journey of a King: The Life of Dr. Martin Luther King, Junior

Ball State University Libraries GIS Research & Map Collection,
from the book A Time to Remember: A Journey of a King by Tony Selden

- January 15, 1959: King, then 34, was given the name "Dr. Martin Luther King Jr." by his father.
- April 1960: King joined the Southern Christian Leadership Conference (SCLC), which later became the Southern Christian Leadership Conference (SCLC).
- May 28, 1960: King delivered his "I Have a Dream" speech at the March on Washington.
- August 28, 1963: King delivered his "I Have a Dream" speech at the March on Washington.
- September 28, 1963: King was arrested in Birmingham, Alabama.
- April 4, 1968: King was assassinated at the Lorraine Motel in Memphis, Tennessee.
Black Diamonds:
Negro League Baseball Teams, 1920-1949

Akron Blue Birds
Atlantic Black Crackers
Atlantic City Beach Bums
Baltimore Black Sox, Elite Giants
Birmingham Black Barons
Brooklyn Eagles, Royal Giants
Chattanooga Black Lookouts
Chicago American Giants, Columbus Giants, Giants
Cincinnati Crescents, Cuban Stars, Tigers, Ethiopeon Buckeyes
Cleveland Bears, Bluebirds, Browns, Buckeyes, Cub, Elite Giants, Hornets, Red Sox, Stars, Tate Stars, Tigers
Columbus Blue Birds, Buckeyes, Elite Giants, Redbirds, Elites
Dayton Maroons
Detroit Elite, Stars, Wolves
Harrisburg Giants
Homestead Grays (Pittsburgh)
Indianapolis ABC’s, American Giants, Athletics, Clowns, Crawfords, Cuban Stars
Jacksonville Red Caps
Kansas City Monarchs
Knoxville Giants
Louisville Red Caps, White Sox
Memphis Red Sox
Milwaukee Bears
Monroe Monarchs
Montgomery Gray Sox
Nashville Elite Giants, Elites
New Orleans Crescent Stars, Stars
New York Buckanee Giants, Black Yankees, Cuban Stars, Culbus, Harlem Stars, Bombers, Lincoln Giants
North Carolina, Dodgers, Eagles, Stars
Philadelphia Hilldiggers, Mounties, Hilldiggers, Stars
Pittsburgh Crawfords, Keystone
St. Louis Giants, Stars
Toledo Crawfords, Tigers
Washington Elite Senators, Elite Giants, Homestead Grays, Pilots, Potomacs
Wilmington Potomacs
State-by-State Cell Phone Driving Laws

- No statewide cell phone laws
- Cell phones must be used hands-free
- Cell phone use not permitted by holders of learner’s permits or provisional licenses
- Drivers under the age of 18 banned from all cell phone use
- Bus drivers (school and transit) prohibited from cell phone use
- Text messaging prohibited while driving

*Washington, D.C. allows only hands-free cell phone use
The Geography of Football

NFL Teams

2007 NCAA College Football Rankings

NCAA Division I-A Football Teams
Indiana High School Boys Basketball Champions, 1911-1997
Producing Thanksgiving Dinner

Sweet Potato Production in the Continental United States

Cranberry Production in the Continental United States

Turkey Production in the Continental United States

Pumpkin Production in the Continental United States
This Web page allows you to create maps:  

Save the map as a JPEG in order to customize it in PowerPoint or PhotoShop.

States with No Woman’s Suffrage before the 19th Amendment (1919)
Winter Olympic Games Sites

Summer Olympic Games Sites
Malaria Deaths

www.worldmapper.org
1,367 people were reported killed by landmines in 2006.

Persistent killers
Countries experiencing casualties from landmines and/or Explosive Remnants of War
2006

Same-sex partnership recognition
Status as of mid-2008
- Green: same-sex marriages and partnerships accorded the same legal standing as heterosexual marriages in national law
- Blue: same-sex partnerships have similar status to heterosexual marriages
- Green: same-sex partnerships have legal standing under national law, but not on parity with heterosexual marriages
- Yellow: legal recognition of same-sex partnerships is extended at some state or local levels
- Red: national-level legislation bans federal recognition of same-sex partnerships

Where homosexuality is criminalized, the prevailing assumption is that recognition of same-sex relationships is also not possible.

Vietnam
- Same-sex marriage banned since 1998.

Uganda
- Constitution amended in 2005 to ban same-sex marriage.

Australia
- Federal ban on same-sex marriage, but some local recognition of partnerships.
World Environmental Hotspots as identified by Conservation International.

Logging in British Columbia
Credit: Rick Collins/UNEP/Topham
Barbie, invented by Ruth Handler, first appeared at the American International Toy Fair in 1959, wearing a zebra-striped swimsuit.

The first boxer to knock himself out was Henry Wallitsch in 1959. He swung a punch, missed, fell through the ropes, and hit his head on the floor.

Stan Lee’s first comic superhero was Destroyer, who appeared in 1941. Lee went on to cocreate the Fantastic Four, Spiderman, the Hulk, and the X-Men.

The world’s first roller coaster opened in 1884 at Coney Island, New York. It was designed by Lemarcus Thompson, a former Sunday-school teacher.
Women undergo a staggering amount of suffering in the pursuit of beauty. Around the world, but especially in the rich countries, tens of thousands of women each year have their bodies cut, shaped, stapled, nailed, and manipulated to conform to prevailing standards of beauty. A preoccupation with weight and body image has become an integral part of the lives of women and girls. This is particularly so in the USA, but eating disorders are also noticeably increasing in Europe, Japan, and the former Soviet Union.

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

Aven’s world

By 2001, Aven products were on sale in 143 countries

Aven opened new markets in:
- 1988: China, Hungary, East Germany
- 1991: Russia, Czechoslovakia, Panama, Ecuador, Bolivia, Romania
- 1993: Poland
- 1999: Ireland, Turkey, Nepal, South Africa, India
- 2001: Brazil, Morocco

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

The beauty beat

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

Aven’s world

By 2001, Aven products were on sale in 143 countries

Aven opened new markets in:
- 1988: China, Hungary, East Germany
- 1991: Russia, Czechoslovakia, Panama, Ecuador, Bolivia, Romania
- 1993: Poland
- 1999: Ireland, Turkey, Nepal, South Africa, India
- 2001: Brazil, Morocco

The beauty beat

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

Aven’s world

By 2001, Aven products were on sale in 143 countries

Aven opened new markets in:
- 1988: China, Hungary, East Germany
- 1991: Russia, Czechoslovakia, Panama, Ecuador, Bolivia, Romania
- 1993: Poland
- 1999: Ireland, Turkey, Nepal, South Africa, India
- 2001: Brazil, Morocco

The beauty beat

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

Aven’s world

By 2001, Aven products were on sale in 143 countries

Aven opened new markets in:
- 1988: China, Hungary, East Germany
- 1991: Russia, Czechoslovakia, Panama, Ecuador, Bolivia, Romania
- 1993: Poland
- 1999: Ireland, Turkey, Nepal, South Africa, India
- 2001: Brazil, Morocco

The beauty beat

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.

Aven’s world

By 2001, Aven products were on sale in 143 countries

Aven opened new markets in:
- 1988: China, Hungary, East Germany
- 1991: Russia, Czechoslovakia, Panama, Ecuador, Bolivia, Romania
- 1993: Poland
- 1999: Ireland, Turkey, Nepal, South Africa, India
- 2001: Brazil, Morocco

The beauty beat

USA 2002
- 42% of girls in grades 1-3 want to be thinner
- 81% of 10-year-old girls are afraid of being fat
- The average US model is thinner than 98% of all US women.
Unmet need
2007

20% or more of married women would like to limit childbearing but do not use any contraceptive device or technique
Although health care providers are not required to report every genital warts or genital herpes diagnosis to the CDC, estimates are compiled. Because there is currently no cure for either virus, those who contract these viruses will always have them.
Births to Women per 1,000 Women Age 15 to 19, 2003

- 18.2–30.0
- 30.1–35.0
- 35.1–40.0
- 40.1–45.0
- 45.1–62.9
Rangers in Volcanoes National Park, Rwanda, destroying snares set by poachers.

Ian Redmond/UNESCO
Making faces
Wild chimpanzees communicate with a greater range of facial expressions than any of the other large primates, except for humans.
“A woman’s place is in the House...and the Senate.”

Women in the Current House of Representatives

Women in the Current Senate
(States where both Senators are women).

All Males in the U.S. Congress Historically

All Male Senators Historically

March is Women’s History Month

Women’s History

www.grmcwomensmaps.blogspot.com
Maps for Creative Writing Projects

www.grmcmaps.blogspot.com
GRMC Blog
www.bsumaps.blogspot.com
Contact the GRMC Monday through Friday 7:30 to 4:30 if you need reference assistance or finding other materials in the Library.