million barrels

Seventeen million barrels of oil can fuel one million cars per year. You know what else uses approximately 17 barrels of oil per year? Producing the 2.7 million tons of plastic used to make water bottles every year. On top of that, only one out of five plastic water bottles is recycled. The other four contribute to the three billion pounds of waste produced by water bottles every year. Water bottles are not exactly worth it considering that it takes three times as much water to produce the water bottle than to fill it. Source: webecoist.com.

Thumbs Up Great weather, sunshine and drizzling rain Summer Vacation is near!

**Arts Fair** SPRING!

Designed by Dee Luo

Allergies

**Pollution** 

Spring thunderstorms and crazy weather

AP, SAT, ACT, EOC, and finals testing

Near-government shutdown

umbs Down

Earth Day

Prom

Sievert

In light of the recent radiation scare from Japan, here are some radiation stats to put everything into perspective: 0.0000001 Sv from eating a banana, 0.05 Sv is the dose limit for radiation workers, and 8 Sv is the lethal dose. The dose radiation limit for workers who stayed to help cool down the Chernobyl disaster in Ukraine was 0.25 Sv. After standing next to the Chernobyl reactor core explosion and meltdown for ten minutes, the dose was 50 Sv. Source: xkcd.com.



percent

Ladies and gentlemen, the image below depicts one of the most common "animals" in today's rainforests: the machine. Deforestation has wiped out 80 percent of forests, and 90 percent of West Africa's coastal rain forests since 1900.





Amount of Beef Americans consume per year

Greenhouse gas emitted from raising 6.2 million cattle for steak annually

••••••

= 2 billion lbs

If every in America person ate a vegetarian diet for seven days, the amount of greenhouse gases we could save

1,543,500 lbs of CO<sub>2</sub>



With one billion people participating in Earth Hour, turning off



■ = 10 million lbs of CO<sub>2</sub> conserved

The next Earth Hour will be on

March 31, 2012



Amount of oil America consumes per day

= 1 million barrels of oil

Current dependence on foreign oil





If every car in America has one more passenger for one year

billion gallons of oil saved



= 20 billion lbs of CO<sub>2</sub> conserved



Amount of Carbon dioxide produced from:

a 30 minute workout on a treadmill

driving from New York to Chicago



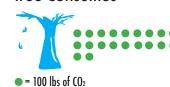
● = 20.6 lbs of CO<sub>2</sub>



a minute of breathing

0.037 grams

On the other hand, a tree consumes



Go on a jog Plant a tree. Keep breathing.



Clothes discarded annually, per household

•••••• = 5 lbs

Clothes recycled vs. clothes wasted

••••• 0000001 = recycled



Number of Google searches that produce the same amount of carbon dioxide as making



Carbon dioxide produced by Google

searches per month

= 2 billion lbs

www.ers.usda.gov www.planetsave.com www.1 bog.org www.digisecrets.co www.good.is.

www visualeconomics www.webcoexist.com www.atmoz.org www.eia.doe.gov

www.worldstream.com

We all know about Earth Day, but have you ever heard of Earth Overshoot Day? Earth Overshoot Day represents the day we use up our annual ecological budget -- when what humanity consumes exceeds what nature can produce, filter, and renew that year. From Earth Overshoot Day until the end of the year, the ecological resources we demand come from resource stocks, and the greenhouse gases we produce accumulate in the atmosphere, contributing to global warming. In 2010, we reached Earth Overshoot Day on August 21, spending approximately 50 more days in ecological debt than in 2000. The portion of the clock above the grey line represents 100 percent of the natural resources earth is able to provide.

For more information on Earth Overshoot Day, or to receive notice when we hit Earth Overshoot Day this year, got to www.footprintnetwork.com.

This red section represents the 50 percent we demanded further in 2010. By heavily exceeding our ecological income, going into resource debt and accumulating harmful waste, we deplete and unbalance our environment. We need to start decreasing our deficit because we only have one Earth.





What is this a picture of? Go to http://www.chsglobe.com/online/2011/04/april-zoom-out/to find out.