



## How big is a Gigatonne (Gt)?

Great Lakes Bioenergy Research Center  
Education and Outreach

# How many adult people would it take to weigh a gigatonne?



Average human weighs 180 pounds

**1 gigatonne =  
12,200,000,000 or  
12.2 billion humans –  
that's almost 2 times the current  
world population!**

# Bulls?



Average bull weighs 1 tonne

**1 gigatonne =  
1,000,000,000 bull  
COWS**

# How many vehicles weigh a gigatonne?



Average car weighs 2 tonnes

1 gigatonne =  
500,000,000 vehicles

# Statue of Liberty?





Statue of Liberty weighs 230 tonnes

1 gigatonne =  
4,400,000 Statues

# Lake Mendota?



Lake Mendota contains 5 million cubic meters of water.

1 gigatonne = 2 Lake  
Mendota's

# How many hours of water passing over Niagara Falls would it take to weigh a gigatonne?



Every hour, 2.7 billion gallons of water flow over  
Niagara Falls.

1 gigatonne = weight of  
98 hours of water  
passing over Niagara  
Falls