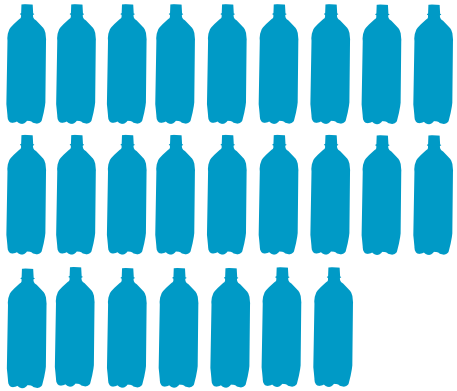
10 THINGS YOU SHOULD KNOW ABOUT WATER:

1] One drop of oil can make up to 25 liters (6.6 gallons) of water undrinkable. 2] 70% of the world's water is used for agriculture, 22% for industry, and 8% domestic use. Low and middle income countries use 82% of their water for agriculture, 10% for industry, and 8% for domestic use. High income countries use 30% of their water for Agriculture, 59% for industry, and 11% for domestic use. 3] A person is able to survive 1 month without food, but only 5 to 7 days without water. 4] Of all the Earth's water 97.5% is salt and 2.5% is fresh. Of that water, about 70% is locked in glacial ice, and 30% in soil, leaving under 1% (.007% of the total water) readily accessible for human use.

1

1 DROP

25 LITERS (6.6 gallons)



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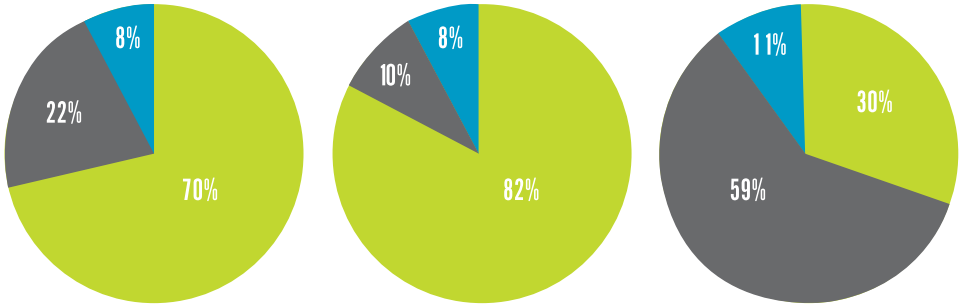
AGRICULTURAL USE

INDUSTRIAL USE

DOMESTIC USE



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Sources: EPA Water Facts, Environment Canada's Freshwater Quickfacts, UNESCO Water and Industry Figures, World Health Organization

1 kg of beef (2.2lbs)

16,000 liters
(4,226.8)

1 cup of tea

35 liters
(9.2 gallons)

1 microchip

32 liters
(8.5 gallons)

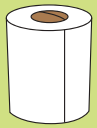
1 sheet of paper

10 liters
(2.6 gallons)

5

1 five-minute shower

94.5 - 189.3 liters
(25 - 50 gallons)



1 toilet flush

7.6 - 26.5 liters
(2 - 7 gallons)

brushing teeth

7.6 liters
(2 gallons)

hand washing dishes

75.7 liters
(20 gallons)

6

6,000 X

7

5] A water footprint, or Virtual Water, is the amount of water used in the entire production and/or growth of a specific product. For example, 1 kilogram (2.2 lbs) of beef has a water footprint of 16,000 liters (4,226.8 gallons); one sheet of paper has a water footprint of 10 liters (2.6 gallons); one cup of tea has a water footprint of 35 liters (9.2 gallons); and one microchip has a water footprint of 32 liters (8.5 gallons). 6] It takes 94.5 to 189.3 liters of water (25 to 50 gallons) to take a five-minute shower; 7.6 to 26.5 liters (2-7 gallons) to flush a toilet; 7.6 liters (2 gallons) to brush one's teeth; and 75.7 liters (20 gallons) to hand wash dishes. 7] 6,000 children die each day from preventable water-related diseases. 8] The population of the United States is approximately 304 million; The population of Europe is approximat ely 732.7 million; 1.1 billion people lack adequate drinking water access; and 2.6 billion people lack basic water sanitation.

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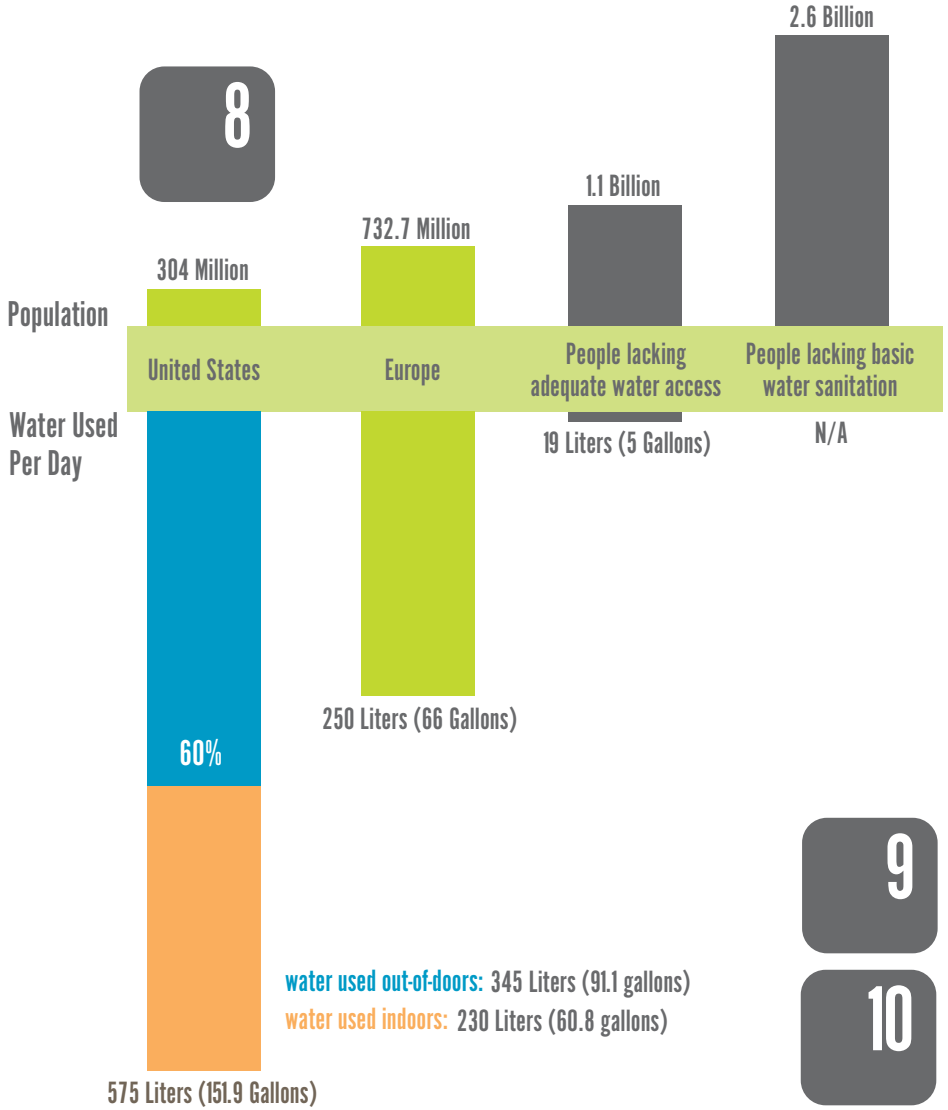
Sources: Water Footprint Network, EPA Water Facts and Water Trivia Facts, UNICEF water and sanitation fact sheet, UN Human Development Report 2006, UN Department of Economic and Social Affairs, Google Public Data

9] The average American uses about 575 liters of water (151.9 gallons) per day, with about 60% of that being used out-of-doors (watering lawns, washing cars, etc.). The average European uses 250 liters of water (66 gallons) per day. 1.1 billion people lack adequate water access, using less than 19 liters (5 gallons) per day. 10] The average American uses 30.3 times more water than a person who lacks adequate water access; the average European uses 13.2 times more water than a person who lacks adequate water access.

8



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