

Water Consumption Worksheet

Question	Your Answer	Multiply	By this number	Equals	Answer in Gallons
How many times does your family wash their hands or face per day?	_____	X	14 (avg. 2 gallons for 7 days)	=	_____ gallons per week
How many times does your family brush their teeth per day?	_____	X	21 (avg. 3 gallons for 7 days)	=	_____ gallons per week
How many times does your family flush the toilet per day?	_____	X	35 (avg. 5 gallons for 7 days)	=	_____ gallons per week
How many baths are taken in your family per week?	_____	X	30	=	_____ gallons per week
How many showers are taken in your family per week?	_____	X	25	=	_____ gallons per week
How many washing machine loads does your family run per week?	_____	X	55 (full cycle) or 27 (short cycle)	=	_____ gallons per week
How many dishwasher loads does your family run per week?	_____	X	16	=	_____ gallons per week
How many times does your family wash dishes by hand per week?	_____	X	30	=	_____ gallons per week
How many hours does your family water the yard per week?	_____	X	250	=	_____ gallons per week
Estimated total gallons used by your family per week		Now add the numbers in the last column to get your family's estimated consumption of water per week.			_____ total gallons per week
Estimated gallons used by your family per year	_____ total gallons per week	X	52.14	=	_____ total gallons of water per year

Seasonal water consumption can include watering of your lawn at a normal use rate of 250 gallons per hour.

When water planners talk about the amount of water used by all the people in a community, they usually use a different unit of measurement, called an acre foot. An acre foot of water is the total amount of water it would take to fill an acre of land one foot high (1 acre foot = 325,851 gallons). If they didn't use this measurement, the numbers would get really big. Just imagine how large the number would be if you added up all the water used in one year by all the families in your community! Let's convert your family's water usage to acre feet.

Estimated acre feet of water used by your family per year	_____ total gallons per year	÷	325,851	=	_____ total acre feet of water used by your family per year
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Source: The data for estimated normal water usage was taken from a United States Department of Agriculture handout, *How on Earth Do You Save Water?* (February 2003). More Information can be found at www.tx.nrcs.usda.gov. Clearwater promotes the smart usage of water, and therefore provides this worksheet for informational purposes only. There are several little things you can do to save a lot of water. Tips for water conservation can be found in this packet, please see "Being Water Smart Indoors," "Being Water-Wise Outdoors," and the TWDB "Dillo Buck" and "Dillo Dollar."