COCOA
FLORIDA

Home Water Use Survey

How Much Water Does Your Family Use?

Water is a resource shared by all, so each of us should do our part to conserve

Save Water, Money and the Environment

Household Water Assessment Worksheet

How much water do you use?

Take the water consumption from your water bill _____ / days in billing cycle _____.
This is your daily water consumption (Cocoa bills per 1,000 gallons, so you must multiply your answer by a 1,000 to get actual gallons used).

Divide the daily consumption by the number of people living in the home and compare that number with the chart below.

How Efficient Is Your Water Use
Gallons per person per day

Winter	Summer	Rank
50 to 65	65 to 80	Efficient
70	91	Average
Exceeds 70	Exceeds 100	Inefficient

Where do you use your water?
You'll need to know a little about your plumbing fixtures

DAILY INDOOR WATER USE
Gallons per day = gpd

Showers: How many showers does your family take a day?
Total showers per day _____ X Number of minutes _____ X Gallons per minute _____ = _____ gpd
   (WaterSense® showerheads use 2.0 gallons per minute (gpm), avg. is 2.5, pre-1994 uses 5.0 gpm)

Baths: How many baths does your family take a day?
Total number of baths per day _____ X Gallons per bath _____ = _____ gpd
               (1/3 tub=12, full tub=36, garden tub=70 gallons)

Toilet flushing: How many times does your family flush the toilet each day?
Total number of flushes per day _____ X Gallons per flush _____ = _____ gpd
        (WaterSense® toilet uses 1.28 gallons per flush (gpf), avg. is 1.6, pre-1994 uses 3.5 gpf)

Hand washing: Most people wash their hands at home at least once a day.
Total times hands washed _____ X Minutes per time _____ X Gallons per minute _____ = _____ gpd
           (WaterSense® faucet uses 1.5 gpm, avg. is 2.2, pre-1994 uses 4 gpm)

Tooth brushing: Most family members brush their teeth twice a day.
Total number of brushes per day _____ X Minutes per time _____ X Gallons per minute _____ = _____ gpd
           (WaterSense® faucet uses 1.5 gpm, avg. is 2.2, pre-1994 uses 4 gpm)

Dishwashing by hand: How many times a day does your family wash dishes by hand?
Total times washed _____ X Minutes water runs _____ X Gallons per minute _____ = _____ gpd
(WaterSense® faucet uses 1.5 gpm, avg. is 2.2, pre-1994 uses 4 gpm)

Dishwasher
Uses per week _____ / Days per week ___**7**___ X Gallons per load _____ = _____ gpd
(Energy Star® dishwasher uses 5.8 gallons per load, avg. is 6.5, high is 11 gallons per load)

Clothes washer: How many loads of laundry does your family do each week?
Uses per week _____ / Days per week ___**7**___ X Gallons per load _____ = _____ gpd
(Energy Star® washer uses 18 gallons per load, avg. is 30, high is 40 gallons per load)

Other indoor uses
Estimate the amount of water used each day for preparing food, mopping floors, etc. = _____ gpd

Add the total from each category for your total daily indoor water use = _____ gpd

DAILY OUTDOOR WATER USE

Lawn watering by hand: How many times a week does your family water the lawn?
Days watered per week _____ X Minutes per use _____ X Gallons per minute ___**10**___ = _____ gpw
(12 gpm is based on using a garden hose and is an average flow)

Divide your total by 7 to get gallons per day (gpd) used for hand watering the lawn = _____ gpd

Lawn watering using an automatic irrigation system
Turn on your sprinkler system then watch your meter for one minute to determine how many gallons per minute your sprinkler system uses.

Days watered per week _____ X Avg. minutes per zone _____ X Gallons per minute _____ = _____ gpw

Divide your total by 7 to get gallons per day (gpd) used by your irrigation system = _____ gpd

Other outdoor uses
Estimate the amount of water you use each day for washing cars, filling the pool, etc. = _____ gpd

Add the total from each category for your total daily outdoor water use = _____ gpd

Total family water use per day
Indoor daily use _____ + Outdoor daily total _____ = _____ Gallons used per day

Divide the gallons used per day by the number of people in the home to get the gallons per person per day. Compare that number to the number you came up with at the beginning of the survey. This will help check the accuracy of your assumptions.

Water conservation saves water, energy and money!

Water conservation facts and tips

Toss it. In the wastebasket that is. Toss tissues, insects, dirt, food wastes or anything else you want to get rid of in the trash, not the toilet. Each flush uses several gallons of water.

Stop it. Check for leaks or drips in faucets and toilets. Don't leave the water running when you brush your teeth or wash dishes. When washing the car or the dog or watering the lawn, use a hose with a nozzle that automatically shuts off.

Shorten it. Take shorter showers, or fill your bathtub only partly full. Shorten the amount of time you water the lawn. Install a rain barrel so you use less water for watering.

Sweep it. Use a broom or leaf blower, not a hose to clean the driveway and sidewalk.

Replace it. If your plumbing fixtures and appliances are several years old, it's time to upgrade. Replace plumbing fixtures (toilets, faucets, and showerheads) with WaterSense® labeled fixtures. Check with Cocoa Utilities about rebates and giveaways. Replace dishwashers and clothes washers with ENERGY STAR® labeled appliances.

Set it. Set automatic irrigation systems correctly to follow watering restrictions and turn off when there has been adequate rainfall. Set clothes washers for the appropriate load size.

Maintain it. Maintain our irrigation system. Check for broken or misdirected sprinklers, clogged spray heads and wet spots around in-ground sprinklers that could indicate underground leaks. Clear rain sensors of debris.

Cover it. If you have a pool you can save water by installing a cover. Placing a cover over your pool will help reduce the amount of water lost to evaporation and reduce a pool's chemical consumption by 35–60 percent. As an added bonus the cover will keep out leaves, twigs and yard debris.

For more information visit http://www.cocoafl.org/
Or call 321-433-8705
Or email ddowns@cocoafl.org

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