

## Water Use Inventory- **Estimated Water Use**

These figures are *estimates*. There is a tremendous amount of variation. For example, if you have a *water-efficient showerhead*. The water flow will be about **half** the estimate below. If you have a water-efficient toilet, the water used per flush will be as low as 1.5-2 gallons per flush. The amount of water used for tooth brushing, shaving, hand and face washing, and dishwashing will vary significantly based on the time spent and the faucet setting. The amount of water used on the yard will vary depending on the area in need of water.

**Directions:** Create a **PIE CHART** showing your **water use percentages**

Use	Conditions	Estimated gallons
Shower	per minute	4-10
Fill bathtub	per use	30-50
Toilet Flushing	per use (flush)	5
Tooth brushing	per minute (letting water run)	3
Washing hands and face	per minute (letting water run)	3
Shaving	per minute (letting water run)	3
Cooking	per meal	3
Washing Machine	depends on setting	20-50
Dish Washing	by hand (per minute)	3
Dish Washing	w/machine (depends on setting)	15-30
Water Lawn	per minute (depends on area)	10-20
Lawn Sprinklers	per minute (depends on area)	5-20
Washing Car	per minute	10
Wash down driveway w/hose	per minute	10
Fill swimming pool	per use	20,000-30,000

## Personal Water Use Inventory

For shared activities like washing clothes, calculate your share of the water. For example, if there are 4 people in your house and the washing machine is estimated to use 40 gallons per load, your share is  $40/4 = 10$  gallons.

Use the data in the first table to fill in the “**Estimated gallons per use or unit of time,**” but *change the figures in that column if you have more accurate data about your personal water use.*

Use	Number of uses or time used per day	Estimated gallons per use or unit of time	Estimated gallons used per day	Estimated gallons used per week	Cost per gallon	Estimated cost per week	Estimated cost per year
Shower	2	9	18	126	\$0.002	\$0.25	\$13.14
Fill bathtub	0	0	0	0	0	0	0
Toilet Flushing	2	5	10	70	\$0.002	\$0.14	\$7.30
Tooth brushing	2	3	6	42	\$0.002	\$0.08	\$4.38
Washing hands and face	2	3	6	42	\$0.002	\$0.08	\$4.38
Shaving	1	0	0	0	0	0	0
Cooking	3	2	6	42	\$0.002	\$0.08	\$4.38
Washing Machine	1	40	40	280	\$0.002	\$0.56	\$29.20
Dish Washing	3	3	9	63	\$0.002	\$0.13	\$6.57
Water Lawn	1	12	12	84	\$0.002	\$0.17	\$8.76
Lawn Sprinklers	0	0	0	0	0	0	0
Wash Car	0	0	0	0	0	0	0
Wash down driveway w/hose	0	0	0	0	0	0	0
Fill swimming pool	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0

## Cost Per Year

