

# Water Use Inventory

Water prices vary widely around the country, but usually fall in a range of \$1.50 /1000 gallons.

## 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 yard will vary depending on the area in need of water.

| Use                       | Conditions                     | Estimated gallons                 |
|---------------------------|--------------------------------|-----------------------------------|
| Shower                    | per minute                     | 4(low flow) -8                    |
| Fill bathtub              | per use                        | 30-50                             |
| Toilet Flushing           | per use (flush)                | 1.6 (new) – 5 (old)               |
| 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             | 5 (front load) - 40               |
| Dish Washing              | by hand (per minute)           | 3                                 |
| Dish Washing              | w/machine (depends on setting) | 20                                |
| Drinking                  | Per glass                      | 0.13                              |
| Lawn Sprinklers           | per minute (depends on area)   | 12                                |
| Washing Car               | per minute                     | 10                                |
| Wash down driveway w/hose | per minute                     | 10                                |
| Other                     | Per unit                       | Faucet = 3/min.<br>Hose = 10/min. |
|                           |                                |                                   |

## 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 |
|-------------------------------|-------------------------------------|---|--------------------------------|---------------------------------|-----------------|-------------------------|-------------------------|
| <i>Shower</i>                 |                                     |   |                                |                                 |                 |                         |                         |
| <i>Fill bathtub</i>           |                                     |   |                                |                                 |                 |                         |                         |
| <i>Toilet Flushing</i>        |                                     |   |                                |                                 |                 |                         |                         |
| <i>Tooth brushing</i>         |                                     |   |                                |                                 |                 |                         |                         |
| <i>Washing hands and face</i> |                                     |   |                                |                                 |                 |                         |                         |
| <i>Shaving</i>                |                                     |   |                                |                                 |                 |                         |                         |
| <i>Cooking</i>                |                                     |   |                                |                                 |                 |                         |                         |
| <i>Washing Machine</i>        |                                     |   |                                |                                 |                 |                         |                         |
| <i>Dish Washing</i>           |                                     |   |                                |                                 |                 |                         |                         |
| <i>Drinking</i>               |                                     |   |                                |                                 |                 |                         |                         |
| <i>Lawn Sprinklers</i>        |                                     |   |                                |                                 |                 |                         |                         |
| <i>Wash Car</i>               |                                     |   |                                |                                 |                 |                         |                         |
| <i>Wash down driveway</i>     |                                     |   |                                |                                 |                 |                         |                         |
|                               |                                     |   |                                |                                 |                 |                         |                         |
| <i>Other:</i>                 |                                     |   |                                |                                 |                 |                         |                         |