



## Water

### Introduction

Water is a critical resource for community health and well-being. Because of the artificially low pricing of water in most of the country, it can be challenging to get water efficiency and conservation prioritized. However, water efficiency and conservation remains a vital part of a strong environmental stewardship program. Tracking and measuring the amount of direct water used is the first step a hospital should take to begin its water management and minimization program.

### Water Use Demographics

Learn more about Practice Greenhealth's [Less Water Goal](#). See the [Less Water Toolkit](#) for more information and guidance on water reduction strategies.

For the purpose of this application, **baseline Year** is the year the facility began actively tracking water use and reduction--and can be no more than **five (5) years ago** (or 2015).

**1.\*** Please enter the facility's **Baseline Year (2015-2020)**:

Baseline Year is the year the facility began actively tracking water use and reduction--and can be no more than **five (5) years ago** (or 2015).

### Water Usage

Please indicate the facility's **total water use in Table A.** below. Please include irrigation water if applicable in these totals. All applicants are required to complete the **Current Year** (2020) water consumption data. If 2020 was your facility's Baseline Year, please provide the 2020 water consumption data in **both Current and Baseline Year**, and leave Previous Year blank. **Do not enter zeros.**

For **Gross Floor Area**, please enter the same value for all three years if the facility's **Gross Floor Area** has not changed. **These values will populate on both the Water and Energy pages.**

PGH uses **Energy Star Portfolio Manager's** definition of **Gross Floor Area**. If the facility uses Portfolio Manager, you can cut and paste the value for **Gross Floor Area** into the application.

**Cleanable Square Feet:** Gross square footage refers to all measurable space contained within the walls and under the roof of any individual facility. Cleanable square footage only counts the actual space that the Environmental Services (EVS) staff clean. Consequently, it excludes locations such as electrical or maintenance closets, inner space between walls, courtyards or patios and parking garages. The engineering or facilities department may be a good place to acquire this information, as well as contracts for housekeeping services if your facility outsources EVS. To calculate **Cleanable Square Feet** when a measured value is not available, the facility can estimate that Cleanable Square Feet = Gross Square Feet minus walls (1.5% of gross square feet) minus square footage of non-cleanable areas (i.e., electrical closets, mechanical rooms, storage rooms).

**Table A. Total Water Consumption**

	Baseline Year	Units	Previous Year	Units	Current Year	Units
Gross Floor Area	<b>2.*</b> <input type="text"/>	Square Feet	<b>3.*</b> <input type="text"/>	Square Feet	<b>4.*</b> <input type="text"/>	Square Feet
Cleanable Area	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>5.*</b> <input type="text"/>	Square Feet
Annual Water Consumption	<b>6.*</b> <input type="text"/>	<b>7.*</b> Select an option <input type="text"/>	<b>8.*</b> <input type="text"/>	<b>9.*</b> Select an option <input type="text"/>	<b>10.*</b> <input type="text"/>	<b>11.*</b> Select an option <input type="text"/>
Annual Water Consumption	<b>12.*</b> <input type="text"/>	Gallons	<b>13.*</b> <input type="text"/>	Gallons	<b>14.*</b> <input type="text"/>	Gallons

					If this number is zero, please select units in Question 11.	
<b>Gallons per square foot</b>	<b>15.*</b> 0	Gallons / square foot	<b>16.*</b> 0	Gallons / square foot	<b>17.*</b> 0	Gallons / square foot

Learn more about calculating [cleanable square feet](#).

**18.\*** Was irrigation water included as part of overall water consumption in Table A above?

☐ Yes

☒ No

Practice Greenhealth asks that facilities include irrigation water in the totals above. Irrigation water will be broken out separately below for calculation of more precise water use metrics.

**18.a\*** Please add irrigation water into totals in Table A if you can. Otherwise, please explain barriers to providing this data:

**19.\*** Please provide the Annual Costs (\$) for Current Year Water Consumption:

**20.\*** Does your facility irrigate any landscape areas?

☒ Yes

☐ No

**20.a\*** Please provide the **Irrigated Area** for the hospital campus (in square feet):

There are 43,560 square feet in an acre. To convert acres to square feet, multiply acres by 43,560.

**20.b\*** Does your facility **separately meter irrigation water** versus other water used for the facility?

☒ Yes

☐ No

**20.b.a\*** Please indicate the **gallons** of water used for **irrigation** in 2020 (actual):

**20.b.c\*** Based on the data above, the facility's (actual) indoor water use for 2020 is:

**20.c\*** Based on the data above, the facility's **Irrigation Water Use** for 2020 is:

This number will be used for calculation of Gallons of Water Use per Irrigated Square Foot.

**20.d\*** The facility's metric for **Gallons of Water Use per Irrigated Square Foot** is:

**20.e\*** The facility's **Indoor Water Use** for 2020 is:

This number will be used for calculation of Indoor Water Use Metrics in Table C.

Based on the data above, your facility's normalized **water use metrics** for Indoor Water Use are presented in Table C. below.

**Table C. Indoor Water Use Metrics**

<b>26.*</b> <b>Indoor Gallons per Square Foot</b> 0	<b>27.*</b> <b>Indoor Gallons per Cleanable Square Foot</b> 0	<b>28.*</b> <b>Indoor Gallons per FTE</b> (Values generally range from 2,100 to 67,300) 0
---	---	---

Given the data you provided in Table A, your facility's normalized **water use metrics** for Total Water Use are presented in Table B1 below.

Table B2 highlights the facility's normalized **water use reduction metrics**.

**Table B1. Total Water Use Metrics (Current Year)**

<b>21.*</b> <b>Total Gallons per Square Foot</b> (Values generally range from 6.5 to 30) <input type="text" value="0"/>	<b>22.*</b> <b>Total Gallons per Cleanable Square Foot</b> (Values generally range from 8 to 40) <input type="text" value="0"/>	<b>23.*</b> <b>Total Gallons per FTE</b> (Values generally range from 2,500 to 20,000) <input type="text" value="0"/>
---	---	---

**Table B2. Water Use Reduction Metrics**

Percent Total Water Use Reduction from Baseline Year	Percent Total Water Use Reduction from Previous Year
<b>24.*</b> <input type="text" value="0"/>  This is the percent change between total gallons per square foot in Current Year and Baseline Year. A negative number indicates an increase in consumption.	<b>25.*</b> <input type="text" value="0"/>  This is the percent change between total gallons per square foot in Current Year and Previous Year. A negative number indicates an increase in consumption.

### Other Water Program Successes

Please describe any additional **projects, savings, successes or innovations** in the water program or projects at your facility that you would like to share in the space provided below. Please feel free to provide commentary and/or attach a file.

**29.\*** Water Success 1: Please describe or attach any additional documentation.

**30.\*** Optional Attachment:

**31.\*** Water Success 2: Please describe or attach any additional documentation.

**32.\*** Optional Attachment:

The content of all material available on [awards.practicegreenhealth.org](https://awards.practicegreenhealth.org) is copyrighted by Practice Greenhealth. Reproduction in whole or in part without written permission is prohibited.

©2013-2021 Practice Greenhealth Environmental Excellence Awards