

Fixture Count Calculation Form

Project ID (If applicable): _____
 Applicant Name: _____
 Applicant Phone #: _____
 Applicant E-mail Address: _____
 Service Address: _____

Date: _____
 (mm/dd/yyyy)

Unit Type/ Model: _____
 (If multiple building configura

Please fill in the blue boxes below.

Property Use: Commercial - If multi-family please enter total units

Definitions

Public vs. Private Utilization:

***Public utilization** applies to fixtures in general toilet rooms of schools, gymnasiums, hotels, airports, bus and railroad stations, public buildings, bars, public comfort stations, office buildings, stadiums, stores, restaurants and other installations where a number of fixtures are installed so that their utilization is similarly unrestricted.

***Private utilization** applies to fixtures in residences and apartments, and to fixtures in nonpublic toilet rooms of hotels and motels and similar installations in buildings where the plumbing fixtures are intended for utilization by a family or an individual.

**Bathroom Group:

A **bathroom group** is a defined term as "a group of plumbing fixtures installed in the same room, consisting of one domestic-type lavatory (sink), one water closet (toilet) and either one bathtub without a shower) or one one-head shower.

If any other fixtures (i.e.. Separated bathtub and shower areas), beyond those permitted in circumstances that comply with the definition above, are fed from the piping that leads to a bathroom then the fixtures in the bathroom group must be considered individually for determining the fixture unit load.

Entry valid. Continuing filling out the form. Please save the form as an Excel document and submit it to Denver Water's Water Sales Department.

Fixture or Appliance	Number of Fixtures	
	Public*	Private*
Toilet (tank)		1
Toilet (flush valve)		
Toilet (flushometer tank)		
Bathtub (only)		
Bathtub/Shower Combination		
Shower (only)		
Bathroom Sink (lavatory)		
Urinal (tank)		
Urinal (3/4" flush valve)		
Urinal (1" flush valve)		
Bidet		
Kitchen Sink		1
Utility/Service/Mop Sink		1
Bar Sink		
Laundry Sink		
Vash-up Sink, each set of faucets		2
Dishwashing Machine		
Washing machine (8 lb.)		
Washing machine (15 lb.)		
Laundry trays (1 to 3)		
Bedpan washers		
Drinking fountains		
Ice Maker	1	
Soda Fountain		
Coffee Machine	3	
Dental Unit		
Hose Bibb 1/2 in.		
Hose Bibb 5/8 in.		
Hose Bibb 3/4 in.		1

Common in residential bathrooms
 Common in public restrooms

IF A FIXTURE ISN'T INCLUDED ON THIS LIST PLEASE TYPE IN THE FIXTURE NAME IN WHITE BOX AND THE TOTAL GPM IN THE BLUE BOXES.

Updated October 2024

Calculations based on the AWWA M22 Manual Fourth Edition, 2018 International Plumbing Code (IPC) and Denver Water Engineering Standards

**IPC Bathroom groups are calculated in the background calculation. Please enter each fixture type above individually.