

FY 2022-23 Demand and Consumption Information Portland Water Bureau

SYSTEM-WIDE PRODUCTION DATA	FY 22-23	FY 21-22	FY 20-21	FY 19-20	FY 18-19	FY 17-18
Total Bull Run water produced	31.8 BG	30.9 BG	33.7 BG	31.1 BG	30.7 BG	34.9 BG
Total well field water produced	2.5 BG	1.6 BG	0.4 BG	1.8 BG	4.2 BG	0.6 BG
Total water produced	34.3 BG	32.5 BG	34.1 BG	32.9 BG	34.9 BG	35.4 BG
Less total water consumed	30.6 BG	30.5 BG	30.7 BG	30.6 BG	31.8 BG	32.5 BG
Total non-revenue water	3.7 BG	2.0 BG	3.4 BG	2.3 BG	3.2 BG	2.9 BG
Percent of non-revenue water to total produced	10.9%	6.2%	9.9%	7.1%	9.0%	8.1%
Percent of Water Loss to Water Supplied (a)			17.08%	15.25%	14.70%	14.45%
Percent of Water Loss non-adjusted (b)	NA	9.89%				
Winter Flow Average in MGD (Nov through March)	78	78	78	79	81	81
Summer Flow Average in MGD (June through Sept)	112	110	114	108	117	121
Peak Day Flow	150 MG	142 MG	147 MG	134 MG	142 MG	155 MG
Average Annual Production in MGD	94	89	93	90	96	97
Total water consumed	30.6 BG	30.5 BG	30.7 BG	30.6 BG	31.8 BG	32.5 BG
Total people served (b)	998,800	1,017,200	1,003,600	995,800	965,400	965,200
System annual per capita consumption in Gallons	30,600	30,000	30,600	30,700	32,900	33,700
System daily per capita consumption in Gallons	84	82	84	84	90	92
TOTAL RETAIL CUSTOMERS						
Total annual consumption	17.6 BG	17.6 BG	17.2 BG	17.6 BG	18.5 BG	19.0 BG
Retail Population (c)	676,400	666,200	656,000	645,500	631,900	621,200
# of services	188,300	187,700	187,400	186,800	186,600	185,600
Retail daily consumption per service in Gallons	256	257	251	257	272	280
Retail daily per capita consumption in Gallons	71	72	72	74	80	84
Residential Single Family						
Total annual consumption	7.1 BG	7.5 BG	7.6 BG	7.2 BG	7.5 BG	7.7 BG
# of services	154,100	153,900	153,900	153,700	153,900	153,500
Average daily consumption per service in Gallons	126	133	136	128	133	137
Residential Multifamily						
Total annual consumption	3.4 BG	3.3 BG	3.4 BG	3.2 BG	3.2 BG	3.2 BG
# of services	13,700	13,400	13,200	12,900	12,600	12,100
Residential Customers						
Total annual consumption	10.4 BG	10.8 BG	11.0 BG	10.4 BG	10.7 BG	10.9 BG
Residential population (d)	654,658	644,573	634,617	624,789	614,201	593,564
Residential daily per capita consumption in Gallons	44	46	50	46	48	50
Commercial, Industrial, & Institutional						
Total annual consumption	7.2 BG	6.8 BG	6.2 BG	7.1 BG	7.8 BG	8.1 BG
# of services	20,500	20,400	20,300	20,200	20,100	20,000
# of Fireline services	4,500	4,400	4,300	4,200	4,100	3,900
Average daily consumption per service (adjusted to exclude Fireline services) in Gallons	1,230	1,170	1,060	1,220	1,330	1,380
TOTAL WHOLESALE CUSTOMERS						
Wholesale consumption (as a % of total consumption)	42%	42%	44%	42%	42%	42%
Population served (b)	322,400	351,000	347,600	350,300	333,500	344,000
Wholesale daily per capita consumption in Gallons	110	101	107	101	109	108

BG = Billion Gallons, MG = Million Gallons, MGD=Million Gallons per Day

(a) Percent of Water Loss to Water Supplied is calculated based on AWWA methodology as noted in the annual water loss audit report.

(b) Percent of Water Loss is calculated using AWWA methodology. Beginning in FY 21-22 a data adjustment factor was removed to reflect water audit best practices.

(c) Population figures are based on PSU Population and Research Center forecasts prepared for the Regional Water Providers Consortium (RWPC). Wholesale population is adjusted to exclude an estimate for customers receiving water from sources other than Portland. Wholesale Population served has reduced as they purchase more water from other sources.

(3) Residential Population includes only people living in single family or multifamily buildings and excludes people living in hospitals or institutions.