

FY 2023-24 Demand and Consumption Information Portland Water Bureau

SYSTEM-WIDE PRODUCTION DATA	FY 23-24	FY 22-23	FY 21-22	FY 20-21	FY 19-20	FY 18-19
Total Bull Run water produced	30.2 BG	31.8 BG	30.9 BG	33.7 BG	31.1 BG	30.7 BG
Total well field water produced	3.3 BG	2.5 BG	1.6 BG	0.4 BG	1.8 BG	4.2 BG
Total water produced	33.5 BG	34.3 BG	32.5 BG	34.1 BG	32.9 BG	34.9 BG
Less total water consumed	30.5 BG	30.6 BG	30.5 BG	30.7 BG	30.6 BG	31.8 BG
Total non-revenue water	3.0 BG	3.7 BG	2.0 BG	3.4 BG	2.3 BG	3.2 BG
Percent of non-revenue water to total produced	9.0%	10.9%	6.2%	9.9%	7.1%	9.0%
Percent of Water Loss to Water Supplied (a)				17.08%	15.25%	14.70%
Percent of Water Loss non-adjusted (b)	13.70%	15.11%	9.89%			
Winter Flow Average in MGD (Nov through March)	77	78	78	78	79	81
Summer Flow Average in MGD (June through Sept)	114	112	110	114	108	117
Peak Day Flow	135 MG	150 MG	142 MG	147 MG	134 MG	142 MG
Average Annual Production in MGD	91	94	89	93	90	96
Total water consumed	30.5 BG	30.6 BG	30.5 BG	30.7 BG	30.6 BG	31.8 BG
Total people served (b)	999,800	975,200	1,017,200	1,003,600	995,800	965,400
System annual per capita consumption in Gallons	30,500	31,300	30,000	30,600	30,700	32,900
System daily per capita consumption in Gallons	83	86	82	84	84	90
TOTAL RETAIL CUSTOMERS						
Total annual consumption	17.7 BG	17.6 BG	17.6 BG	17.2 BG	17.6 BG	18.5 BG
Retail Population (c)	639,600	652,800	666,200	656,000	645,500	631,900
# of services	188,900	188,300	187,700	187,400	186,800	186,600
Retail daily consumption per service in Gallons	256	256	257	251	257	272
Retail daily per capita consumption in Gallons	76	74	72	72	74	80
Residential Single Family						
Total annual consumption	7.1 BG	7.1 BG	7.5 BG	7.6 BG	7.2 BG	7.5 BG
# of services	154,500	154,100	153,900	153,900	153,700	153,900
Average daily consumption per service in Gallons	126	126	133	136	128	133
Residential Multifamily						
Total annual consumption	3.4 BG	3.4 BG	3.3 BG	3.4 BG	3.2 BG	3.2 BG
# of services	13,900	13,700	13,400	13,200	12,900	12,600
Residential Customers						
Total annual consumption	10.5 BG	10.4 BG	10.8 BG	11.0 BG	10.4 BG	10.7 BG
Residential population (d)	614,676	654,658	644,573	634,617	624,789	614,201
Residential daily per capita consumption in Gallons	47	44	46	50	46	48
Commercial, Industrial, & Institutional						
Total annual consumption	7.2 BG	7.2 BG	6.8 BG	6.2 BG	7.1 BG	7.8 BG
# of services	20,500	20,500	20,400	20,300	20,200	20,100
# of Fireline services	4,500	4,500	4,400	4,300	4,200	4,100
Average daily consumption per service (adjusted to exclude Fireline services) in Gallons	1,230	1,230	1,170	1,060	1,220	1,330
TOTAL WHOLESALE CUSTOMERS						
Wholesale consumption (as a % of total consumption)	42%	42%	42%	44%	42%	42%
Population served (b)	360,200	322,400	351,000	347,600	350,300	333,500
Wholesale daily per capita consumption in Gallons	97	110	101	107	101	109

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.