

FY 2021-22 Demand and Consumption Information Portland Water Bureau

SYSTEM-WIDE PRODUCTION DATA	FY 21-22	FY 20-21	FY 19-20	FY 18-19	FY 17-18	FY 16-17
Total Bull Run water produced	30.9 BG	33.7 BG	31.1 BG	30.7 BG	34.9 BG	31.4 BG
Total well field water produced	1.6 BG	0.4 BG	1.8 BG	4.2 BG	0.6 BG	2.7 BG
Total water produced	32.5 BG	34.1 BG	32.9 BG	34.9 BG	35.4 BG	34.1 BG
Less total water consumed	30.5 BG	30.7 BG	30.6 BG	31.8 BG	32.5 BG	31.2 BG
Total non-revenue water	2.0 BG	3.4 BG	2.3 BG	3.2 BG	2.9 BG	2.9 BG
Percent of non-revenue water to total produced	6.2%	9.9%	7.1%	9.0%	8.1%	8.5%
Percent of Water Loss to Water Supplied (a)	12.10%	17.08%	15.25%	14.70%	14.45%	13.92%
Winter Flow Average in MGD (Nov through March)	78	78	79	81	81	82
Summer Flow Average in MGD (June through Sept)	110	114	108	117	121	115
Peak Day Flow	142 MG	147 MG	134 MG	142 MG	155 MG	144 MG
Average Annual Production in MGD	89	93	90	96	97	93
Total water consumed	30.5 BG	30.7 BG	30.6 BG	31.8 BG	32.5 BG	31.2 BG
Total people served (b)	1,017,200	1,003,600	995,800	965,400	965,200	952,600
System annual per capita consumption in Gallons	30,000	30,600	30,700	32,900	33,700	32,700
System daily per capita consumption in Gallons	82	84	84	90	92	90
TOTAL RETAIL CUSTOMERS						
Total annual consumption	17.6 BG	17.2 BG	17.6 BG	18.5 BG	19.0 BG	18.4 BG
Retail Population (b)	666,200	656,000	645,500	631,900	621,200	610,500
# of services	187,700	187,400	186,800	186,600	185,600	185,100
Retail daily consumption per service in Gallons	257	251	257	272	280	272
Retail daily per capita consumption in Gallons	72	72	74	80	84	83
Residential Single Family						
Total annual consumption	7.5 BG	7.6 BG	7.2 BG	7.5 BG	7.7 BG	7.4 BG
# of services	153,900	153,900	153,700	153,900	153,500	153,500
Average daily consumption per service in Gallons	133	136	128	133	137	133
Residential Multifamily						
Total annual consumption	3.3 BG	3.4 BG	3.2 BG	3.2 BG	3.2 BG	3.2 BG
# of services	13,400	13,200	12,900	12,600	12,100	11,700
Residential Customers						
Total annual consumption	10.8 BG	11.0 BG	10.4 BG	10.7 BG	10.9 BG	10.6 BG
Residential population (c)	644,573	634,617	624,789	614,201	593,564	583,958
Residential daily per capita consumption in Gallons	46	50	46	48	50	50
Commercial, Industrial, & Institutional						
Total annual consumption	6.8 BG	6.2 BG	7.1 BG	7.8 BG	8.1 BG	7.8 BG
# of services	20,400	20,300	20,200	20,100	20,000	19,900
# of Fireline services	4,400	4,300	4,200	4,100	3,900	3,900
Average daily consumption per service (adjusted to exclude Fireline services) in Gallons	1,170	1,060	1,220	1,330	1,380	1,340
TOTAL WHOLESALE CUSTOMERS						
Wholesale consumption (as a % of total consumption)	42%	44%	42%	42%	42%	41%
Population served (b)	351,000	347,600	350,300	333,500	344,000	342,100
Wholesale daily per capita consumption in Gallons	101	107	101	109	108	102

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) 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. Wholesales Population served has reduced as they purchase more water from other sources.

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