

## FY 2020-21 Demand and Consumption Information Portland Water Bureau

<b>SYSTEM-WIDE PRODUCTION DATA</b>	<b>FY 20-21</b>	<b>FY 19-20</b>	<b>FY 18-19</b>	<b>FY 17-18</b>	<b>FY 16-17(c)</b>	<b>FY 15-16</b>
Total Bull Run water produced	33.7 BG	31.1 BG	30.7 BG	34.9 BG	31.4 BG	31.3 BG
Total well field water produced	0.4 BG	1.8 BG	4.2 BG	0.6 BG	2.7 BG	5.3 BG
Total water produced	34.1 BG	32.9 BG	34.9 BG	35.4 BG	34.1 BG	36.6 BG
Less total water consumed	30.7 BG	30.6 BG	31.8 BG	32.5 BG	31.2 BG	33.8 BG
Total non-revenue water	3.4 BG	2.3 BG	3.2 BG	2.9 BG	2.9 BG	2.8 BG
Percent of non-revenue water to total produced	9.9%	7.1%	9.0%	8.1%	8.5%	7.7%
Percent of Water Loss to Water Supplied (a)	17.08%	15.25%	14.70%	14.45%	13.92%	13.74%
Winter Flow Average in MGD (November through March)	78	79	81	81	82	85
Summer Flow Average in MGD (June through Sept)	114	108	117	121	115	123
Peak Day Flow	147 MG	134 MG	142 MG	155 MG	144 MG	159 MG
Average Annual Production in MGD	93	90	96	97	93	100
Total water consumed	30.7 BG	30.6 BG	31.8 BG	32.5 BG	31.2 BG	33.8 BG
Total people served (b)	1,003,600	995,800	965,400	965,200	952,600	966,600
System annual per capita consumption in Gallons	30,600	30,700	32,900	33,700	32,700	35,000
System daily per capita consumption in Gallons	84	84	90	92	90	96
<b>TOTAL RETAIL CUSTOMERS</b>						
Total annual consumption	17.2 BG	17.6 BG	18.5 BG	19.0 BG	18.4 BG	19.4 BG
Retail Population (b)	656,000	645,500	631,900	621,200	610,500	597,400
# of services	187,400	186,800	186,600	185,600	185,100	184,300
Retail daily consumption per service in Gallons	251	257	272	280	272	288
Retail daily per capita consumption in Gallons	72	74	80	84	83	89
<b>Residential Single Family</b>						
Total annual consumption	7.6 BG	7.2 BG	7.5 BG	7.7 BG	7.4 BG	7.8 BG
# of services	153,900	153,700	153,900	153,500	153,500	153,200
Average daily consumption per service in Gallons	136	128	133	137	133	139
<b>Residential Multifamily</b>						
Total annual consumption	3.4 BG	3.2 BG	3.2 BG	3.2 BG	3.2 BG	3.3 BG
# of services	13,200	12,900	12,600	12,100	11,700	11,300
<b>Residential Customers</b>						
Total annual consumption	11.0 BG	10.4 BG	10.7 BG	10.9 BG	10.6 BG	11.1 BG
Residential population (c)	634,617	624,789	614,201	593,564	583,958	574,400
Residential daily per capita consumption in Gallons	47	46	48	50	50	53
<b>Commercial, Industrial, &amp; Institutional</b>						
Total annual consumption	6.2 BG	7.1 BG	7.8 BG	8.1 BG	7.8 BG	8.3 BG
# of services	20,300	20,200	20,100	20,000	19,900	19,800
# of Fireline services	4,300	4,200	4,100	3,900	3,900	3,800
Average daily consumption per service (adjusted to exclude Fireline services) in Gallons	1,060	1,220	1,330	1,380	1,340	1,420
<b>TOTAL WHOLESALE CUSTOMERS</b>						
Wholesale consumption (as a % of total consumption)	44%	42%	42%	42%	41%	43%
Population served (b)	347,600	350,300	333,500	344,000	342,100	369,200
Wholesale daily per capita consumption in Gallons	107	101	109	108	102	107

**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.

(d) FY 2016-17 excludes City of Tigard, their water sales agreement ended on June 30, 2016.