

**2013**

**ANNUAL SURVEY OF WHOLESALE CUSTOMERS:  
TABLES & FIGURES**



Seattle  
 Public  
Utilities

**December 2013**

**DRAFT**



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# Table 1.1

## A Comparison of 2013 Residential Rates

Purveyor:	3/4" mtr ch per month	Includes Minimum	Seasonal		Inclined Block					Break Points**
			Winter	Summer*	1st	2nd	3rd	4th	5th	
W.D. 20	\$19.75	0	-	-	\$2.13	\$2.71	-	-	-	10
W.D. 45	\$17.50	0	-	-	\$2.50	\$3.50	\$4.50	-	-	5/12.5
W.D. 49	\$16.00	0	-	-	\$3.05	\$3.75	\$5.25	-	-	5/8
W.D. 90	\$24.08	2.5	Block	Block	\$2.75/\$3.25***	\$3.20/\$3.70***	\$3.85/\$4.35***	-	-	7.5/12.5
W.D. 119***	\$37.50	0	Block	Block	\$2.30/\$2.90***	\$2.90/\$3.80***	\$3.80/\$4.75***	\$4.62/\$5.50***	-	7/14/21
W.D. 125***	\$12.50	0	Block	Block	\$3.19/\$3.30***	\$3.59/\$3.70***	\$3.94/\$4.05***	-	-	5/10
Bellevue <sup>T</sup>	\$18.66	0	-	-	\$3.73	\$5.14	\$6.59	\$9.81	-	10/15/50
Bothell <sup>T</sup>	\$11.95	0	-	-	\$2.35	\$3.45	\$4.45	\$5.65	\$6.46	5/10/15/25
Cedar River	\$18.33	1	-	-	\$2.42	\$4.26	\$4.54	\$7.38	-	5/15/25
Coal Creek	\$20.04	0	-	-	\$3.19	\$4.16	\$5.31	\$7.61	-	5/15/50
Duvall	\$23.96	2	-	-	\$3.57	\$4.59	\$5.61	\$6.63	\$7.67	4/6/8/10
Highline <sup>***</sup>	\$13.90	0	\$3.50	Block	\$3.50	\$4.14	-	-	-	5
Issaquah <sup>T</sup>	\$13.10	0	-	-	\$1.69	\$4.03	\$7.48	\$12.19	\$17.53	2/7/15/25
Kirkland <sup>T</sup>	\$19.64	2	-	-	\$4.72	\$6.18	-	-	-	12
Lake Forest Park <sup>T</sup>	\$29.78	0	-	-	\$3.37	-	-	-	-	-
Mercer Island <sup>***T</sup>	\$11.26	0	Block	Block	\$2.67	\$4.52	\$5.43/\$5.54***	\$7.30/\$7.62***	-	5/10/15
Northshore	\$15.00	0	-	-	\$2.75	\$3.25	\$4.00	\$5.00	-	6/7.5/11.5
Olympic View <sup>***T</sup>	\$14.69	0	Block	Block	\$2.09/\$2.23***	\$3.06/\$3.49***	-	-	-	20
Redmond	\$13.10	0	-	-	\$1.60	\$3.20	\$4.80	\$6.40	-	4/10/20
Renton	\$16.76	0	-	-	\$2.42	\$3.24	\$4.10	-	-	5/10
Sammamish Plateau	\$23.48	0	-	-	\$1.62	\$1.97	\$3.18	\$5.29	-	6/12/25
Shoreline <sup>S T</sup>	\$27.25	0	-	-	\$2.87	\$4.40	\$5.93	-	-	5/12
Skyway	\$15.59	0	-	-	\$3.46	\$4.38	\$5.53	\$6.99	-	4/6/12
Soos Creek <sup>***</sup>	\$13.25	0	Block	Block	\$1.70	\$3.40/\$4.06***	\$4.30/\$5.17***	\$4.85/\$5.82***	-	5/10/15
Tukwila	\$14.00	0	\$2.80	\$3.90	-	-	-	-	-	-
Woodinville	\$17.50	1	Block	Block	\$4.72/\$5.66***	\$6.97/\$7.91***	-	-	-	12.5
Seattle <sup>***</sup>	\$13.50	0	\$4.50	Block	\$4.73	\$5.71	\$11.80	-	-	5/18

\* All utilities with seasonal rates use a 4 month peak season.

\*\* Break Points are the number of ccf per month at which the next rate block is attained. For example, W.D. 45 charges \$2.50 per ccf for the first 5 ccf consumed, \$3.50 per ccf for the next 7.5 ccf per month, and \$4.50 per ccf for all consumption in excess of 12.5 ccf per month.

\*\*\* WD 119, WD125, Highline, Mercer Island, Olympic View, Soos Creek, and Seattle have both seasonal and block rates. For example, WD 119's 2nd block rate of \$2.90/ccf increases to \$3.80 during the peak season. Only Tukwila has simple seasonal rates with no blocks.

<sup>S</sup> Base Service Charge for Shoreline is based on square footage of buildings, not meter size.

<sup>T</sup> Taxes and fees not included in the published rates of these utilities (Bellevue, Bothell, Issaquah, Kirkland, Lake Forest Park, Mercer Island, Olympic View, and Shoreline) have been added to the rates shown in this table.

**Table 1.2**  
**A Comparison of 2013 Commercial Rates**

Purveyor:	2" mtr ch per month	Includes Minimum	Seasonal		Inclined Block						
			Winter	Summer*	1st	2nd	3rd	4th	5th	Break Points**	
W.D. 20	\$98.75	0	-	-	\$2.13	\$2.71	-	-	-	-	10
W.D. 45	\$17.50	0	-	-	\$2.50	\$3.50	\$4.50	-	-	-	5/12.5
W.D. 49 <sup>T</sup>	\$211.50	0	-	-	\$3.55	-	-	-	-	-	-
W.D. 90	\$62.20	2.5	-	-	\$3.85	-	-	-	-	-	-
W.D. 119***	\$65.50	0	Block	Block	\$2.30/\$2.90***	\$2.90/\$3.80***	\$3.80/\$4.75***	\$4.62/\$5.50***	-	-	7/14/21
W.D. 125	\$42.00	0	\$3.19	\$3.70	-	-	-	-	-	-	-
Bellevue <sup>T</sup>	\$85.84	0	\$3.79	\$5.32	-	-	-	-	-	-	-
Bothell <sup>T</sup>	\$100.53	0	\$2.82	\$4.81	-	-	-	-	-	-	-
Cedar River	\$64.70	1	-	-	\$2.42	\$4.26	\$4.54	\$7.38	-	-	5/15/25
Coal Creek	\$106.61	0	\$3.68	\$4.81	-	-	-	-	-	-	-
Duvall	\$23.96	2	-	-	\$3.57	\$4.59	\$5.61	\$6.63	\$7.67	-	4/6/8/10
Highline	\$121.88	0	\$3.50	Block	\$3.50	\$4.14	-	-	-	-	5
Issaquah <sup>T</sup>	\$116.88	0	-	-	\$3.41	\$5.27	-	-	-	-	32
Kirkland <sup>T</sup>	\$76.84	0	-	-	\$5.29	-	-	-	-	-	-
Lake Forest Park	\$215.24	0	-	-	\$3.37	-	-	-	-	-	-
Mercer Island <sup>T</sup>	\$90.06	0	\$2.45	\$6.12	-	-	-	-	-	-	-
Northshore	\$100.00	0	-	-	\$3.55	\$3.70	\$3.85	\$4.05	-	-	32/40/61.5
Olympic View*** <sup>T</sup>	\$53.43	0	Block	Block	\$2.09/\$2.23***	\$3.06/\$3.49***	-	-	-	-	160
Redmond	\$80.20	0	\$2.10	\$3.60	-	-	-	-	-	-	-
Renton	\$100.50	0	-	-	\$3.32	-	-	-	-	-	-
Sammamish Plateau	\$149.20	0	\$1.31	\$1.91	-	-	-	-	-	-	-
Shoreline <sup>S T</sup>	\$142.79	0	-	-	\$4.16	-	-	-	-	-	-
Skyway	\$177.92	0	-	-	\$4.43	\$5.26	-	-	-	-	48
Soos Creek***	\$52.80	0	Block	Block	\$1.70	\$3.40/\$4.06***	\$4.30/\$5.17***	\$4.85/\$5.82***	-	-	5/10/15
Tukwila	\$100.00	0	\$3.98	\$5.46	-	-	-	-	-	-	-
Woodinville	\$141.26	1	-	-	\$4.16	\$4.56	-	-	-	-	Prior winter avg
Seattle	\$23.75	0	\$4.50	\$5.72	-	-	-	-	-	-	-

\* All utilities with seasonal rates use a 4 month peak season.

\*\* Break Points are the number of ccf per month at which the next rate block is attained. For example, W.D. 45 charges \$2.50 per ccf for the first 5 ccf consumed, \$3.50 per ccf for the next 7.5 ccf per month, and \$4.50 per ccf for all consumption in excess of 12.5 ccf per month.

\*\*\* WD 119, Olympic View, and Soos Creek have both seasonal and block rates. For example, WD 119's 2nd block rate of \$2.90/ccf increases to \$3.80 during the peak season.

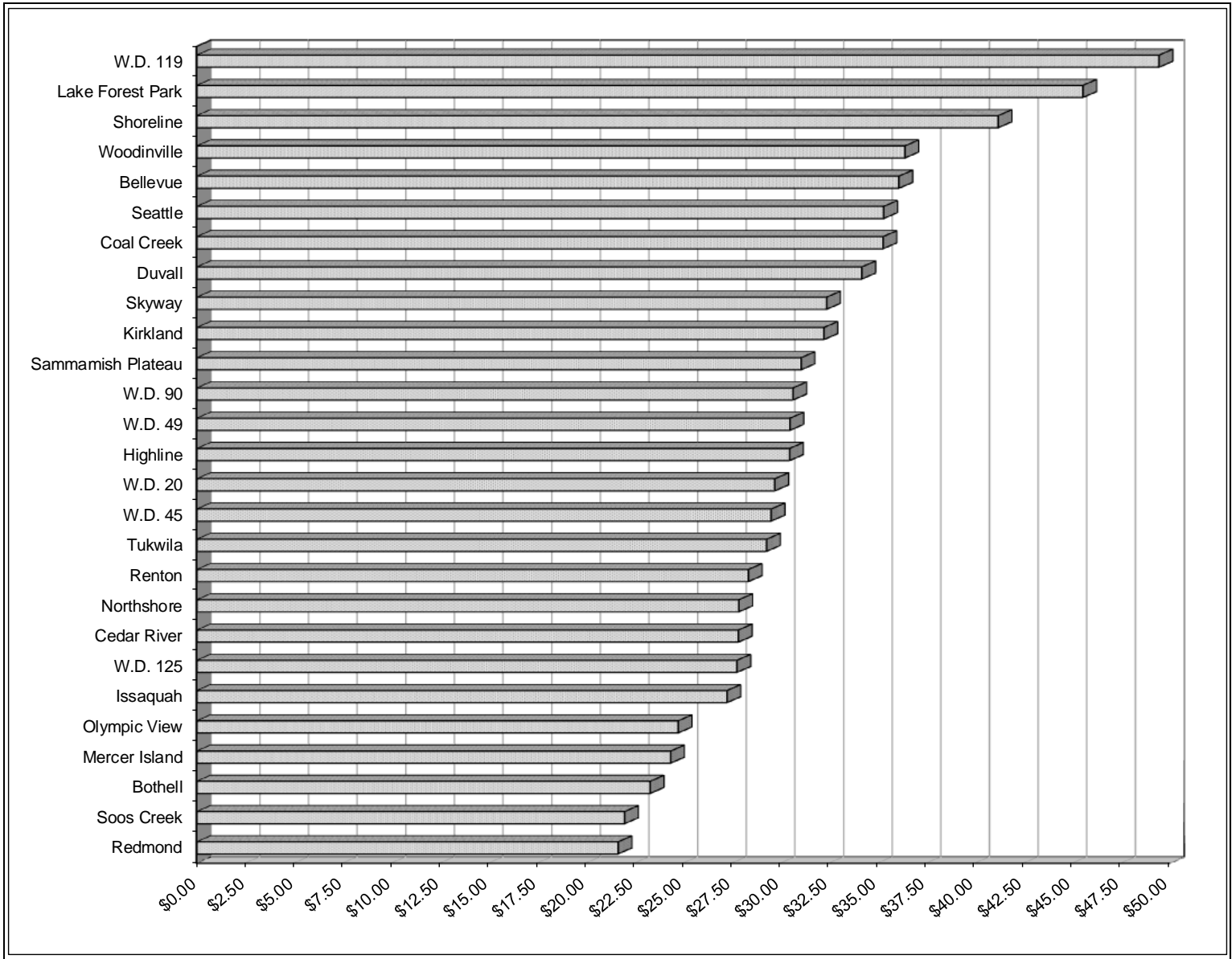
<sup>S</sup> Base Service Charge for Shoreline is based on square footage of buildings, not meter size.

<sup>T</sup> Taxes and fees not included in the published rates of these utilities (Bellevue, Bothell, Issaquah, Kirkland, Lake Forest Park, Mercer Island, Olympic View, and Shoreline) have been added to the rates shown in this table.

### Figure 1.1

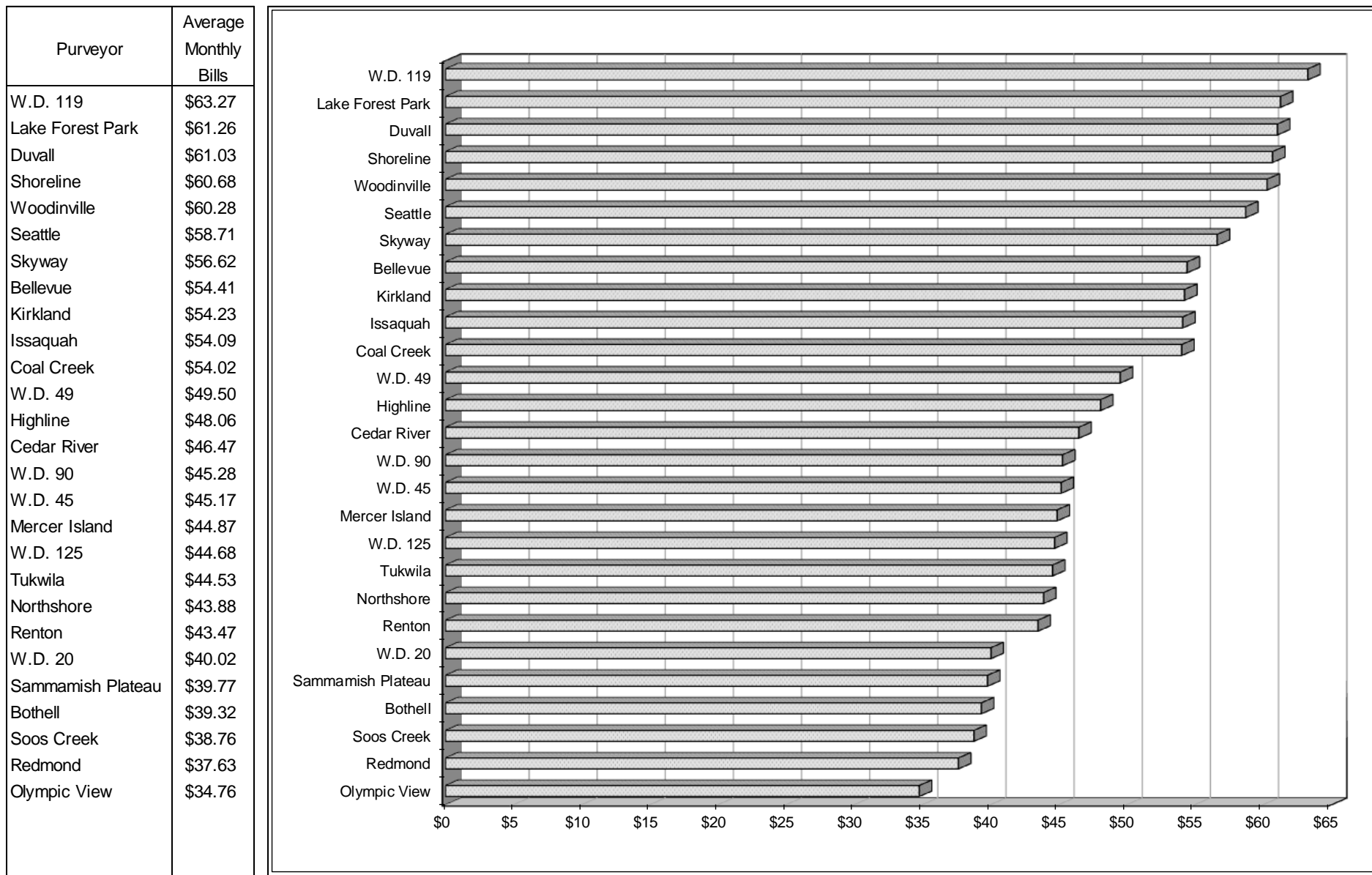
**Average Monthly Residential Bills at 2013 Rates and LOW Consumption  
(4 ccf/mo Winter and 6 ccf/mo Summer Consumption)**

Purveyor	Average Monthly Bills
W.D. 119	\$49.43
Lake Forest Park	\$45.52
Shoreline	\$41.17
Woodinville	\$36.37
Bellevue	\$36.07
Seattle	\$35.29
Coal Creek	\$35.25
Duvall	\$34.16
Skyway	\$32.35
Kirkland	\$32.22
Sammamish Plateau	\$31.04
W.D. 90	\$30.62
W.D. 49	\$30.47
Highline	\$30.45
W.D. 20	\$29.69
W.D. 45	\$29.50
Tukwila	\$29.27
Renton	\$28.33
Northshore	\$27.83
Cedar River	\$27.82
W.D. 125	\$27.74
Issaquah	\$27.23
Olympic View	\$24.72
Mercer Island	\$24.34
Bothell	\$23.28
Soos Creek	\$21.97
Redmond	\$21.63



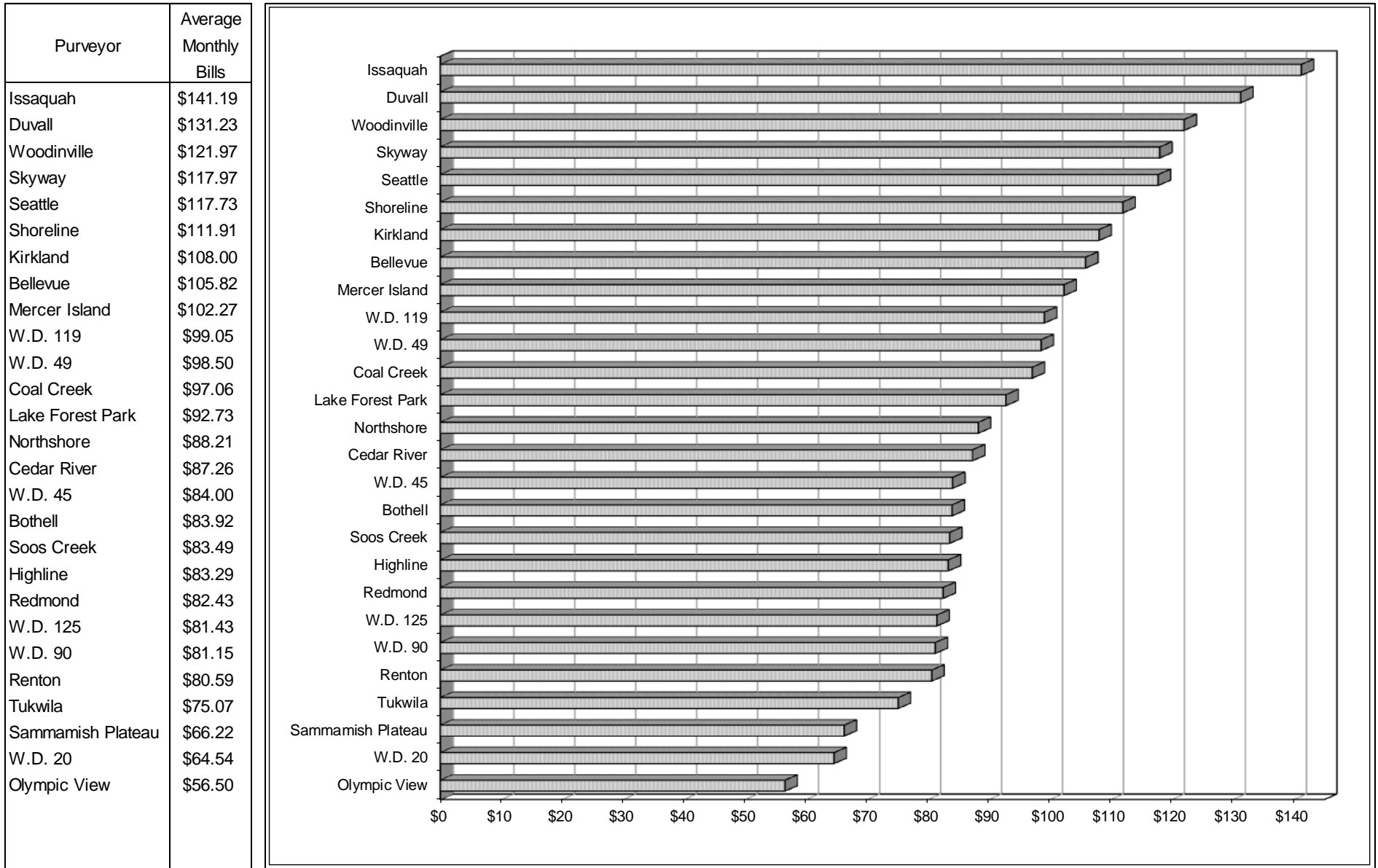
### Figure 1.2

#### Average Monthly Residential Bills at 2013 Rates and MEDIUM Consumption (8 ccf/mo Winter and 12 ccf/mo Summer Consumption)



### Figure 1.3

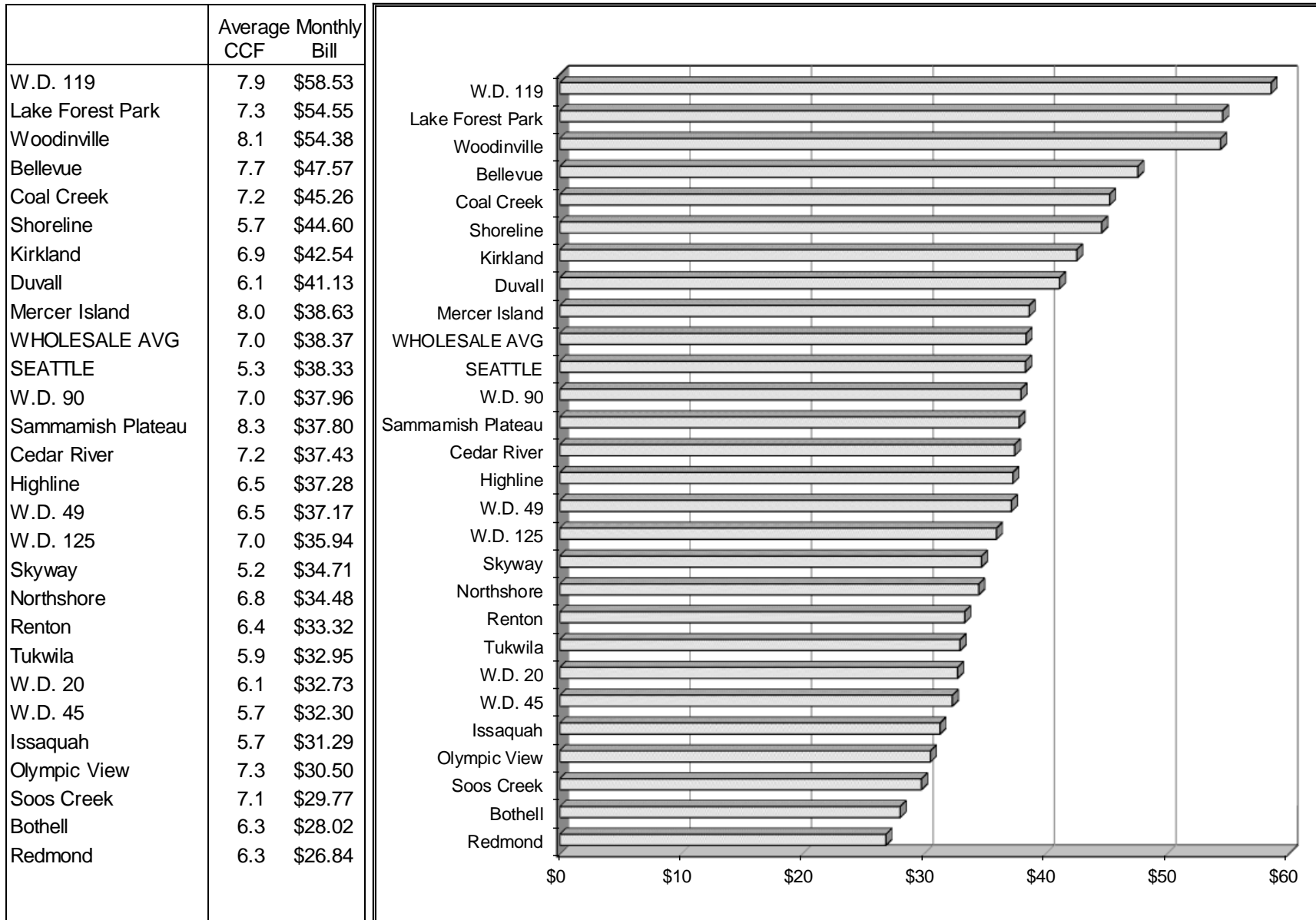
#### Average Monthly Residential Bills at 2013 Rates and HIGH Consumption (16 ccf/mo Winter and 24 ccf/mo Summer Consumption)





# Figure 1.4

## Average Monthly Residential Water Bills at Each Utility's Average Consumption



## Table 1.3

**AVERAGE ANNUAL, WINTER, AND SUMMER RESIDENTIAL BILLS**  
with 2013 Rates & Medium Consumption: 8 ccf/mo Winter, 12 ccf/mo Summer

Ranked from Highest to Lowest

Rank	Purveyor	Monthly Residential Bills			Summer/Winter Differential*
		Avg. Annual	Winter	Summer	
1	W.D. 119	\$63.27	\$56.50	\$76.80	35.9%
2	Lake Forest Park	\$61.26	\$56.76	\$70.25	23.8%
3	Duvall	\$61.03	\$51.50	\$80.10	<b>55.5%</b>
4	Shoreline	\$60.68	\$54.81	\$72.41	32.1%
5	Woodinville	\$60.28	\$50.54	\$79.76	<b>57.8%</b>
6	Seattle	\$58.71	\$49.50	\$77.12	<b>55.8%</b>
7	Skyway	\$56.62	\$49.25	\$71.37	44.9%
8	Bellevue	\$54.41	\$48.50	\$66.24	36.6%
9	Kirkland	\$54.23	\$47.94	\$66.80	39.4%
10	Issaquah	\$54.09	\$44.11	\$74.05	<b>67.9%</b>
11	Coal Creek	\$54.02	\$48.47	\$65.11	34.3%
12	W.D. 49	\$49.50	\$42.50	\$63.50	49.4%
13	Highline	\$48.06	\$41.90	\$60.38	44.1%
14	Cedar River	\$46.47	\$40.79	\$57.83	41.8%
15	W.D. 90	\$45.28	\$39.43	\$56.98	44.5%
16	W.D. 45	\$45.17	\$40.50	\$54.50	34.6%
17	Mercer Island	\$44.87	\$38.17	\$58.28	<b>52.7%</b>
18	W.D. 125	\$44.68	\$39.22	\$55.60	41.8%
19	Tukwila	\$44.53	\$36.40	\$60.80	<b>67.0%</b>
20	Northshore	\$43.88	\$38.38	\$54.88	43.0%
21	Renton	\$43.47	\$38.58	\$53.26	38.1%
22	W.D. 20	\$40.02	\$36.79	\$46.47	26.3%
23	Sammamish Plateau	\$39.77	\$37.14	\$45.02	21.2%
24	Bothell	\$39.32	\$34.05	\$49.85	46.4%
25	Soos Creek	\$38.76	\$31.95	\$52.39	<b>64.0%</b>
26	Redmond	\$37.63	\$32.30	\$48.30	49.5%
27	Olympic View	\$34.76	\$31.41	\$41.45	32.0%
<b>WHOLESALE AVERAGE</b>		<b>\$48.69</b>	<b>\$42.61</b>	<b>\$60.86</b>	<b>42.8%</b>

\* Note that the summer/winter differential is not the differential in rates but in bills. Most purveyors have a differential of less than 50% even though bills are calculated with 50% more consumption in summer than in winter. This means that the average rate charged per ccf by these purveyors is actually less in the summer than in the winter. This seemingly contradictory result is due to the impact of the meter charge which is spread over a greater number of ccf in the summer.

# Table 1.4

## Ranking of Purveyor Bills from High to Low at Different Levels of Consumption

Ranking at Low Consumption	Ranking at Medium Consumption	Ranking at High Consumption
1 W.D. 119	1 W.D. 119	1 Issaquah
2 Lake Forest Park	2 Lake Forest Park	2 Duvall
3 Shoreline	3 Duvall	3 Woodinville
4 Woodinville	4 Shoreline	4 Skyway
5 Bellevue	5 Woodinville	5 Seattle
6 Seattle	6 Seattle	6 Shoreline
7 Coal Creek	7 Skyway	7 Kirkland
8 Duvall	8 Bellevue	8 Bellevue
9 Skyway	9 Kirkland	9 Mercer Island
10 Kirkland	10 Issaquah	10 W.D. 119
11 Sammamish Plateau	11 Coal Creek	11 W.D. 49
12 W.D. 90	12 W.D. 49	12 Coal Creek
13 W.D. 49	13 Highline	13 Lake Forest Park
14 Highline	14 Cedar River	14 Northshore
15 W.D. 20	15 W.D. 90	15 Cedar River
16 W.D. 45	16 W.D. 45	16 W.D. 45
17 Tukwila	17 Mercer Island	17 Bothell
18 Renton	18 W.D. 125	18 Soos Creek
19 Northshore	19 Tukwila	19 Highline
20 Cedar River	20 Northshore	20 Redmond
21 W.D. 125	21 Renton	21 W.D. 125
22 Issaquah	22 W.D. 20	22 W.D. 90
23 Olympic View	23 Sammamish Plateau	23 Renton
24 Mercer Island	24 Bothell	24 Tukwila
25 Bothell	25 Soos Creek	25 Sammamish Plateau
26 Soos Creek	26 Redmond	26 W.D. 20
27 Redmond	27 Olympic View	27 Olympic View

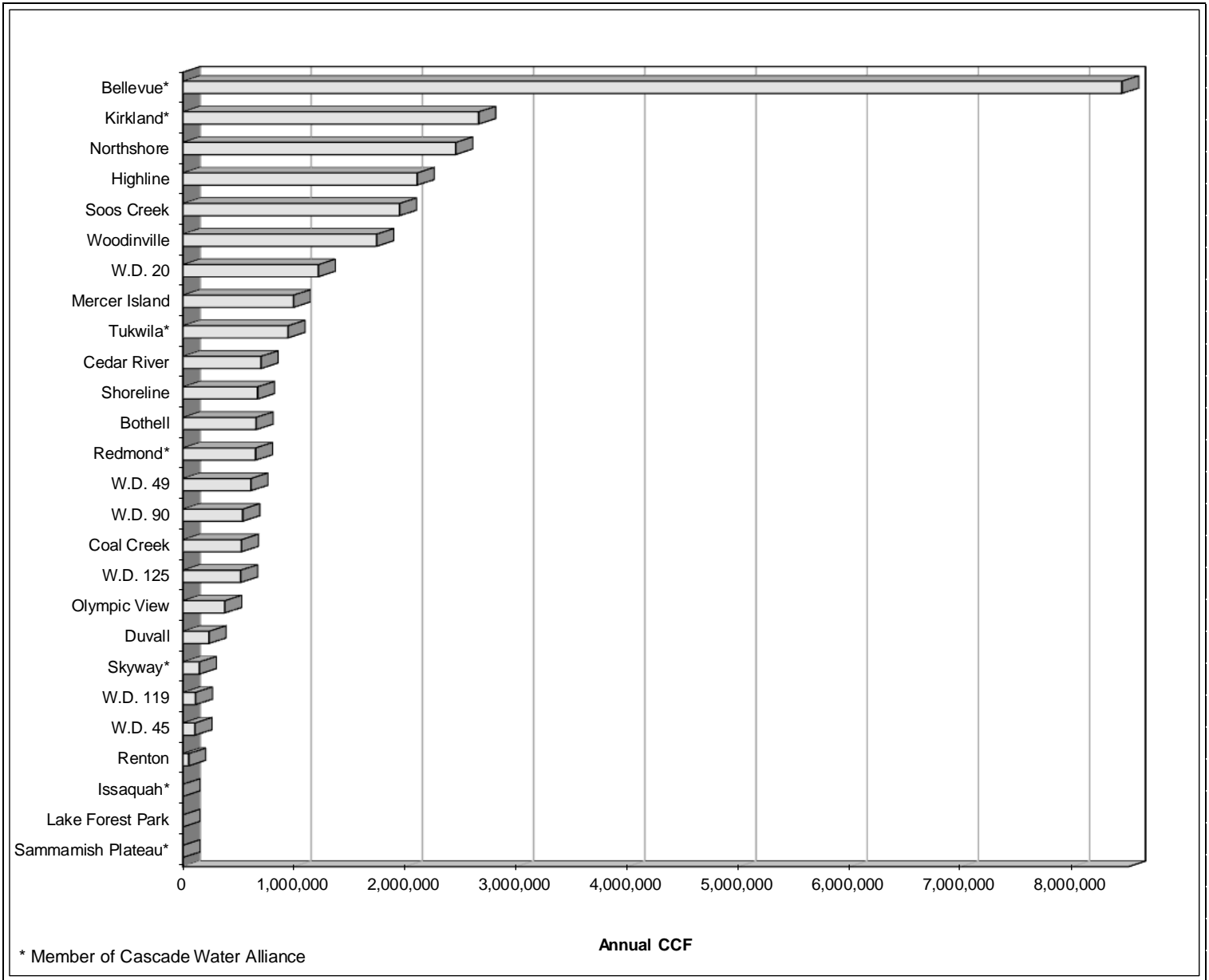
Definition of Consumption Levels:

	Winter	Summer	Average
Low	4 ccf/mo	6 ccf/mo	4.67 ccf/mo
Medium	8 ccf/mo	12 ccf/mo	9.33 ccf/mo
High	16 ccf/mo	24 ccf/mo	18.67 ccf/mo

**Figure 2.1**

**WHOLESALE CUSTOMERS RANKED BY 2012 ANNUAL DIRECT PURCHASES FROM SPU**

Wholesale Customer	Purchases
Bellevue*	8,440,512
Kirkland*	2,658,078
Northshore	2,451,174
Highline	2,105,391
Soos Creek	1,945,924
Woodinville	1,740,966
W.D. 20	1,215,151
Mercer Island	992,386
Tukwila*	943,018
Cedar River	701,387
Shoreline	669,971
Bothell	656,581
Redmond*	652,641
W.D. 49	610,235
W.D. 90	536,673
Coal Creek	525,773
W.D. 125	517,820
Olympic View	374,499
Duvall	232,947
Skyway*	146,535
W.D. 119	111,287
W.D. 45	107,679
Renton	51,086
Issaquah*	0
Lake Forest Park	0
Sammamish Plateau*	0
<b>TOTAL</b>	<b>28,387,714</b>



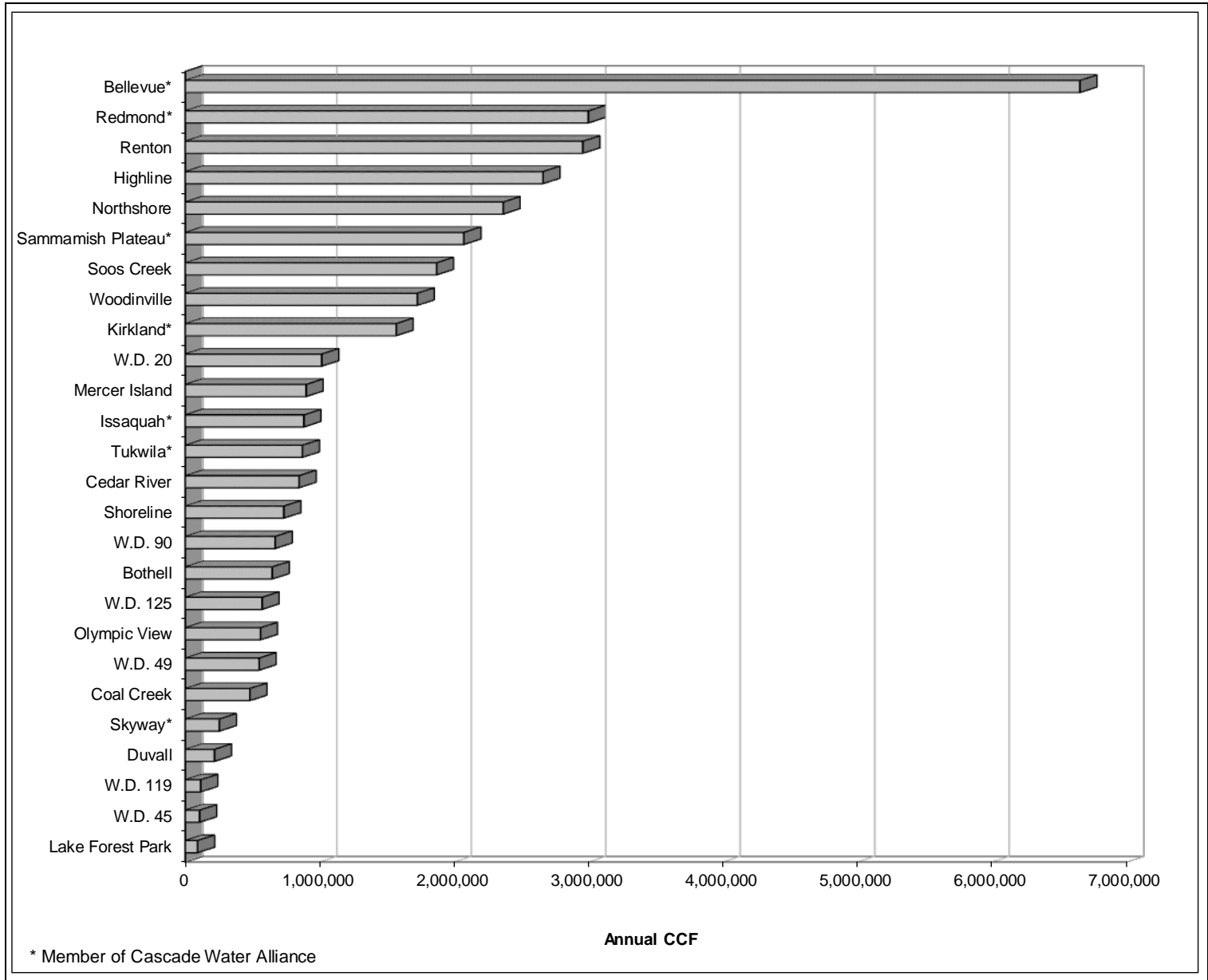
**Table 2.1**  
**Annual Direct Water Purchases from SPU by Wholesale Customer in CCF: 1999-2012**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Bellevue*	8,053,791	8,012,735	7,221,979	7,559,140	8,124,609	8,525,078	7,864,907	8,474,731	8,336,308	8,314,028	8,573,043	7,714,349	7,912,285	8,440,512
Bothell	638,894	761,656	720,652	751,322	783,847	790,903	710,804	791,591	745,144	725,123	732,256	640,359	637,415	656,581
Bryn Mawr	59,525													
Cedar River	841,243	891,413	835,740	912,348	980,516	989,535	985,386	1,071,615	947,745	872,814	924,524	800,755	758,691	701,387
Coal Creek	1,110,773	1,124,051	942,044	1,121,178	1,237,310	607,964	525,361	598,753	526,420	516,395	597,952	485,859	493,533	525,773
Duvall	193,759	211,270	168,746	202,939	257,645	244,321	236,868	242,851	230,852	222,695	253,521	224,298	233,390	232,947
Highline	3,058,440	3,020,265	2,856,390	2,918,609	3,233,149	2,964,590	2,559,715	2,565,923	2,517,632	2,473,927	2,351,174	2,143,580	2,126,929	2,105,391
Kirkland*	2,955,265	3,138,937	2,861,685	2,989,315	3,238,310	3,044,835	2,833,027	3,150,078	2,954,510	2,980,975	3,009,442	2,670,036	2,660,037	2,658,078
Lake Forest Park	34	22	186	168	16	0	2	6	2	9	20	10	59	0
Mercer Island	1,141,068	1,198,242	1,033,318	1,091,347	1,165,501	1,219,866	1,072,336	1,139,931	1,087,304	1,039,660	1,032,966	855,678	924,062	992,386
Northshore	2,716,809	2,833,106	2,547,889	2,833,696	2,983,637	2,838,343	2,556,349	2,698,337	2,555,901	2,441,109	2,574,352	2,394,673	2,463,963	2,451,174
Olympic View	462,821	439,561	360,013	382,872	475,345	462,990	414,859	549,538	406,617	406,802	496,479	361,712	348,497	374,499
Redmond*	169,630	230,796	259,585	385,288	364,646	461,140	471,211	668,574	452,805	504,742	1,242,852	499,676	705,173	652,641
Renton	125,765	111,747	101,894	69,078	62,364	64,549	51,841	48,314	51,959	38,125	42,490	59,904	88,749	51,086
Shoreline	1,001,449	1,053,182	888,156	908,984	968,906	936,967	866,334	917,711	871,042	850,414	860,299	771,973	650,376	669,971
Skyway*	173,355	203,520	316,097	318,079	326,364	235,574	226,417	212,135	201,841	177,990	185,047	165,814	174,797	146,535
Soos Creek	1,860,482	2,045,482	1,993,363	2,173,499	2,296,099	2,336,428	2,126,144	2,205,083	2,126,508	1,981,264	2,119,629	1,873,183	2,008,295	1,945,924
Tukwila*	1,198,360	1,096,157	1,095,812	1,119,261	1,092,216	1,136,059	1,069,148	1,068,642	1,060,170	993,747	986,705	920,469	942,999	943,018
Woodinville	2,077,944	2,197,389	2,040,624	2,070,493	2,371,019	2,243,238	1,873,605	2,032,328	1,996,289	1,956,618	2,184,773	1,781,785	1,759,518	1,740,966
W.D. 20	1,559,582	1,366,147	1,346,239	1,285,424	1,427,155	1,346,869	1,325,298	1,416,165	1,339,902	1,358,086	1,386,645	1,237,668	1,233,990	1,215,151
W.D. 45	142,361	156,010	105,556	137,852	133,350	127,217	116,943	105,832	95,913	94,013	95,912	100,229	106,783	107,679
W.D. 49	685,368	673,859	616,296	625,111	611,986	640,512	587,490	599,956	636,898	585,791	589,113	556,683	638,260	610,235
W.D. 85	45,286	74,155	34,458	45,048										
W.D. 90	708,119	735,758	683,434	538,035	496,043	503,774	452,581	539,675	542,270	550,935	521,397	433,468	493,819	536,673
W.D. 119	101,798	117,447	132,490	128,518	139,875	133,744	126,416	131,697	121,176	117,871	132,998	115,579	110,073	111,287
W.D. 125	688,626	778,596	560,097	580,052	560,331	646,969	603,604	623,262	597,401	549,107	587,539	514,478	495,650	517,820
<b>Total</b>	<b>31,770,547</b>	<b>32,471,503</b>	<b>29,722,743</b>	<b>31,147,656</b>	<b>33,330,239</b>	<b>32,501,465</b>	<b>29,656,646</b>	<b>31,852,728</b>	<b>30,402,609</b>	<b>29,752,240</b>	<b>31,481,128</b>	<b>27,322,218</b>	<b>27,967,343</b>	<b>28,387,714</b>

\* Members of Cascade Water Alliance. Water shown as "purchased" by individual Cascade members reflects consumption measured through their meters with SPU. However, individual Cascade members are not billed directly by SPU.

**Figure 2.2**  
**WHOLESALE CUSTOMERS RANKED BY 2012 ANNUAL RETAIL BILLED SALES**

Wholesale Customer	Retail Sales
Bellevue*	6,652,102
Redmond*	2,996,495
Renton	2,955,165
Highline	2,659,258
Northshore	2,362,615
Sammamish Plateau*	2,070,994
Soos Creek	1,867,566
Woodinville	1,724,180
Kirkland*	1,566,695
W.D. 20	1,013,874
Mercer Island	897,230
Issaquah*	881,251
Tukwila*	869,865
Cedar River	845,321
Shoreline	731,780
W.D. 90	667,072
Bothell	645,746
W.D. 125	570,319
Olympic View	558,421
W.D. 49	548,241
Coal Creek	479,094
Skyway*	252,642
Duvall	216,172
W.D. 119	113,957
W.D. 45	105,855
Lake Forest Park	90,176
<b>TOTAL</b>	<b>34,342,086</b>



**Table 2.2**  
**Annual Retail Water Sales by Wholesale Customer in CCF: 1999-2012**

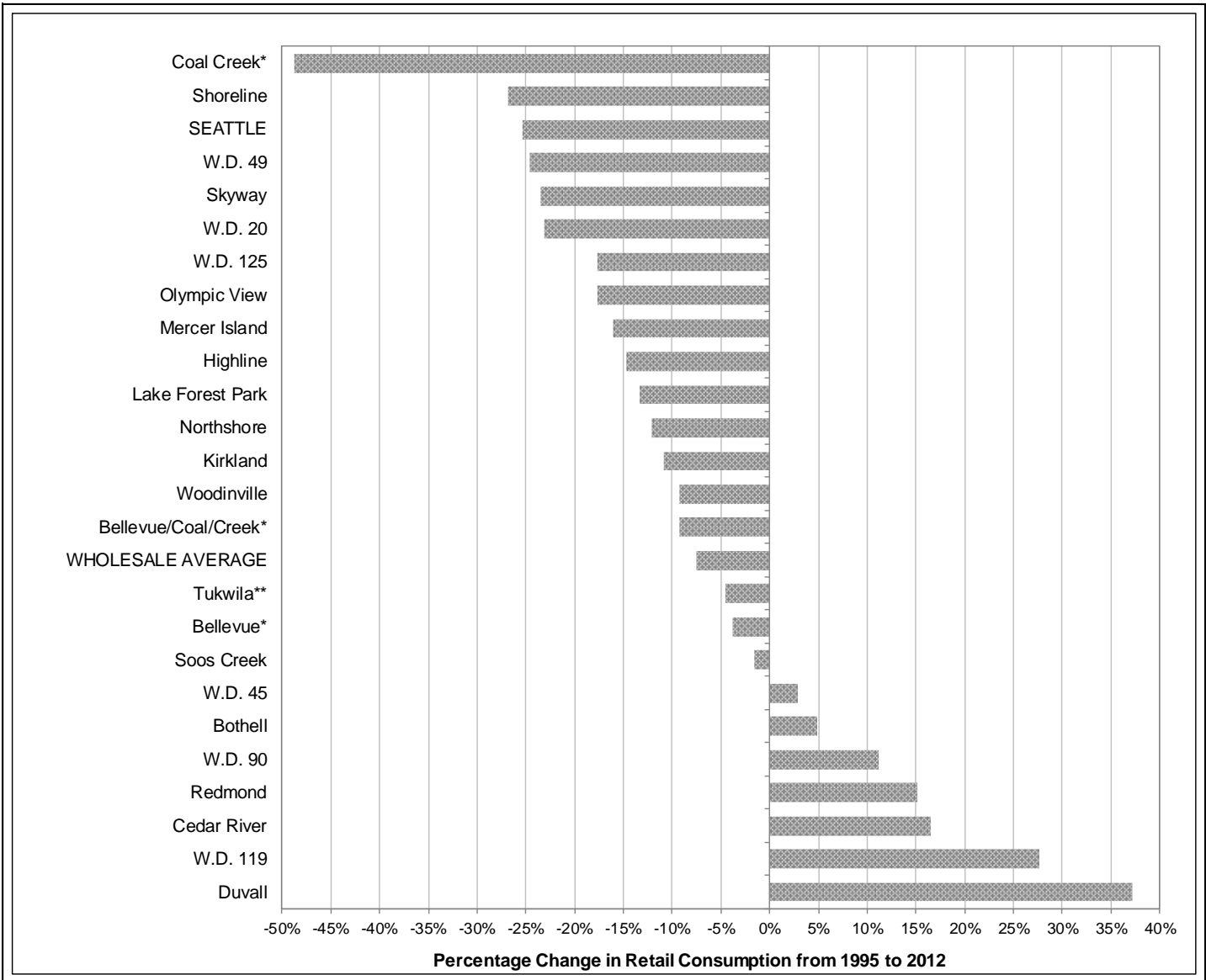
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Belleuve*	6,723,028	6,791,413	6,332,424	6,519,723	7,055,800	7,078,453	6,783,981	No Data	6,851,810	6,612,399	6,908,439	6,276,954	No Data	6,652,102
Bothell*	659,376	739,669	684,621	714,466	760,131	No Data	577,806	656,619	693,484	711,427	726,962	681,145	627,483	645,746
Bryn Mawr	185,172	Merged with Skyway												
Cedar River	791,379	854,728	784,795	858,905	949,620	925,955	855,114	964,037	904,362	855,210	941,306	816,633	791,574	845,321
Coal Creek	1,056,803	1,070,525	1,013,672	1,084,280	1,219,567	543,762	488,466	563,705	491,502	473,088	554,686	439,423	443,453	479,094
Duvall	178,958	191,604	187,714	197,080	231,577	218,230	205,341	223,653	220,032	216,704	239,872	200,987	215,895	216,172
Highline	3,190,115	3,229,719	3,020,857	3,090,006	3,302,253	3,149,274	3,029,761	3,066,659	2,976,073	2,840,910	2,920,652	2,661,812	2,644,611	2,659,258
Issaquah*	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	806,842	892,875	809,031	821,652	881,251
Kirkland*	1,837,946	1,936,149	1,645,395	1,790,609	1,906,772	1,739,111	1,833,509	1,843,186	1,729,375	1,657,408	1,801,406	1,574,869	No Data	1,566,695
Lake Forest Park	140,077	140,077	102,375	107,268	116,970	105,794	101,256	106,343	96,000	92,421	106,697	94,119	97,582	90,176
Mercer Island	1,064,830	1,104,852	954,551	1,089,710	1,149,546	1,155,137	984,570	996,235	978,013	931,806	1,000,468	866,165	891,529	897,230
Northshore*	2,674,545	2,665,229	2,831,579	2,630,028	2,808,235	2,676,062	No Data	2,630,374	2,501,954	2,394,514	2,512,510	2,334,511	2,266,068	2,362,615
Olympic View	673,260	671,687	607,893	648,736	703,425	699,541	627,376	659,836	612,943	600,568	683,135	585,617	575,861	558,421
Redmond*	2,975,707	2,979,125	2,783,755	2,940,175	3,254,994	No Data	No Data	No Data	No Data	3,085,835	3,165,854	2,969,511	2,832,871	2,996,495
Renton*	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	3,083,313	2,900,725	3,035,983	2,789,845	2,830,862	2,955,165
Sammamish Plateau*	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	2,113,475	2,310,814	1,976,398	1,984,468	2,070,994
Shoreline	925,532*	956,858	871,251	862,972	914,477	886,232	815,594	849,559	813,161	856,562	843,675	746,571	709,027	731,780
Skyway	153,043	356,220	309,537	325,930	329,497	309,832	280,643	292,983	285,914	275,432	277,182	257,760	257,921	252,642
Soos Creek	1,947,093	1,995,096	1,822,072	1,941,211	2,191,349	2,023,063	1,870,978	2,003,456	1,972,069	1,832,233	1,903,844	1,693,450	1,737,069	1,867,566
Tukwila*	1,040,590	1,030,948	925,230	903,189	938,989	1,000,684	1,043,575	No Data	918,957	883,576	888,759	843,254	836,866	869,865
Woodinville	1,999,930	2,104,568	1,887,481	2,003,091	2,232,174	2,077,734	1,867,062	2,044,244	1,884,117	1,789,966	1,987,478	1,679,587	1,696,919	1,724,180
W.D. 20	1,310,712	1,238,771	1,137,766	1,137,678	1,216,998	1,200,605	1,144,053	1,196,913	1,141,240	1,099,170	1,115,278	1,034,602	1,005,816	1,013,874
W.D. 45	131,770	145,677	130,769	138,113	132,207	121,307	108,416	99,325	90,092	89,336	90,799	97,857	100,065	105,855
W.D. 49	668,462	653,378	613,239	614,343	645,016	610,845	616,020	620,546	602,572	576,403	586,525	549,063	548,355	548,241
W.D. 85	68,419*	69,231*	52,480	54,985	Merged with WD 20									
W.D. 90	570,985	602,704	555,734	599,564	656,449	665,985	602,173	694,640	664,617	652,558	720,856	634,419	638,859	667,072
W.D. 119*	102,391	106,602	103,963	108,359	124,407	113,288	105,277	126,326	109,394	109,449	116,871	102,606	No Data	113,957
W.D. 125	682,754	729,943	641,283	718,981	678,557	652,703	611,276	636,882	637,662	616,905	654,841	574,180	559,617	570,319
<b>Seattle</b>	<b>32,994,553</b>	<b>33,581,789</b>	<b>30,325,199</b>	<b>30,829,010</b>	<b>30,422,909</b>	<b>29,994,131</b>	<b>28,340,298</b>	<b>29,114,620</b>	<b>28,490,213</b>	<b>27,538,310</b>	<b>28,015,569</b>	<b>26,561,023</b>	<b>25,824,242</b>	<b>26,279,721</b>

\* Consumption data is missing for Bothell in 2004 and Northshore in 2005. Redmond did not provide data for 2004, 2005, 2006, and 2007. Bellevue and Tukwila did not provide data for 2006. Historical data is not available for Renton prior to 2007 nor available for Issaquah and Sammamish Plateau prior to 2008. Bellevue, Kirkland and WD 119 did not provide data for 2011.

**Figure 2.3**

**PERCENT GROWTH (OR DECLINE) IN RETAIL DEMAND BY UTILITY FROM 1995 TO 2012**

Utility	Percent Change	
	1995-2010	Average Annual
Coal Creek*	-48.8%	-3.9%
Shoreline	-26.8%	-1.8%
<b>SEATTLE</b>	<b>-25.4%</b>	<b>-1.7%</b>
W.D. 49	-24.6%	-1.6%
Skyway	-23.5%	-1.6%
W.D. 20	-23.1%	-1.5%
W.D. 125	-17.7%	-1.1%
Olympic View	-17.7%	-1.1%
Mercer Island	-16.1%	-1.0%
Highline	-14.8%	-0.9%
Lake Forest Park	-13.3%	-0.8%
Northshore	-12.1%	-0.8%
Kirkland	-10.9%	-0.7%
Woodinville	-9.3%	-0.6%
Bellevue/Coal/Creek*	-9.2%	-0.6%
<b>WHOLESALE AVERAGE</b>	<b>-7.5%</b>	<b>-0.5%</b>
Tukwila**	-4.5%	-0.3%
Bellevue*	-3.8%	-0.2%
Soos Creek	-1.5%	-0.1%
W.D. 45	2.8%	0.2%
Bothell	4.9%	0.3%
W.D. 90	11.1%	0.6%
Redmond	15.1%	0.8%
Cedar River	16.5%	0.9%
W.D. 119	27.7%	1.4%
Duvall	37.2%	1.9%



\* Growth rates for Bellevue and Coal Creek reflect the impact of the annexation of a large portion of Coal Creek by Bellevue in 2003. Much of the 49% decline in Coal Creek's consumption is due to their transferring more than half their customers to Bellevue. The change in demand for the combined Bellevue/Coal Creek service area is also shown.

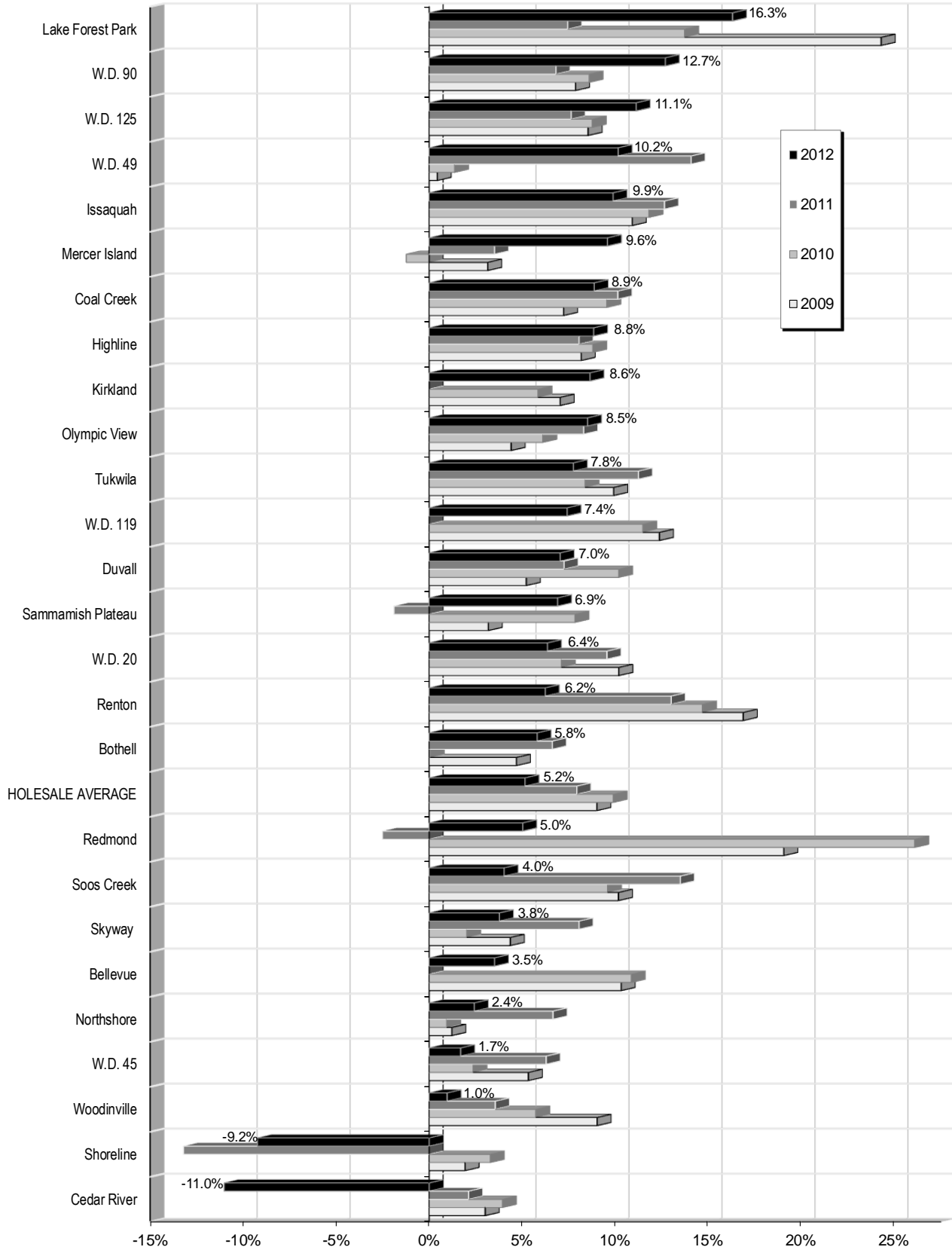
\*\* Growth rate for Tukwila is measured from 1996, the year after a large area, including Boeing, was transferred from Seattle's retail service area to Tukwila.



**Figure 2.4**

**2012 Wholesale Customer Non-Revenue Water as a Percentage of Total Water Use**

(2009, 2010, & 2011 Non-Revenue Shown in Gray)



\* Members of Cascade Water Alliance

**Table 2.3  
Wholesale Customer Distribution System Non-Revenue Water: 1998-2012**

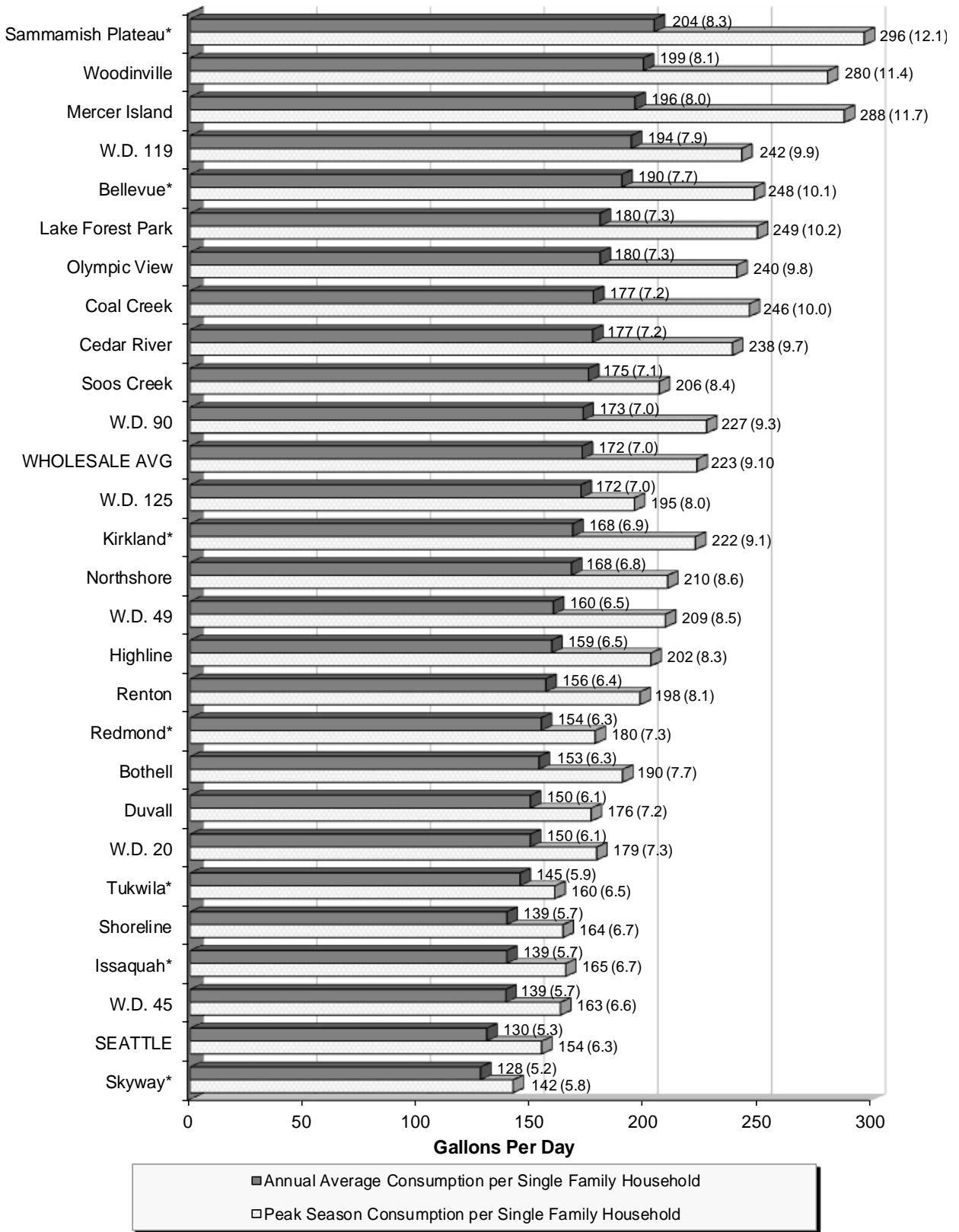
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	1994-2012 Average
Bellevue*	10.4%	8.5%	7.8%	4.6%	6.0%	5.0%	8.6%	4.3%	NA	9.2%	12.5%	10.3%	10.9%	NA	3.5%	7.6%
Bothell	5.4%	7.9%	7.6%	7.4%	7.1%	6.6%	NA	18.7%	18.8%	4.6%	5.5%	4.7%	0.1%	6.6%	5.8%	7.4%
Bryn Mawr**	4.8%	10.4%	Merged with Skyway													6.7%
Cedar River	4.4%	7.0%	5.3%	7.0%	6.3%	4.1%	7.3%	14.1%	10.0%	4.6%	1.9%	3.0%	3.9%	2.1%	-11.0%	5.3%
Coal Creek	2.4%	4.9%	4.8%	-7.6%	3.3%	1.4%	10.6%	7.0%	5.9%	6.6%	8.4%	7.2%	9.6%	10.1%	8.9%	5.2%
Duvall	-1.6%	7.6%	9.3%	-11.2%	2.9%	10.1%	10.5%	13.1%	7.7%	4.5%	2.5%	5.2%	10.2%	7.3%	7.0%	6.1%
Highline	3.9%	5.8%	6.6%	4.3%	5.0%	5.7%	10.7%	7.8%	3.2%	7.2%	10.1%	8.2%	8.8%	8.1%	8.8%	8.2%
Issaquah*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.0%	10.9%	11.8%	12.7%	9.9%	11.7%
Kirkland*	-3.7%	2.7%	-1.3%	7.4%	2.5%	5.0%	9.1%	0.7%	0.9%	4.5%	10.3%	7.0%	5.9%	NA	8.6%	4.5%
Lk Forest Pk	-19.7%	11.0%	NA	14.4%	13.9%	15.4%	21.0%	6.0%	14.3%	19.4%	39.8%	24.3%	13.7%	7.5%	16.3%	12.3%
Mercer Island	4.0%	6.7%	7.8%	7.6%	0.1%	1.4%	5.3%	8.2%	7.4%	10.1%	10.4%	3.1%	-1.2%	3.5%	9.6%	5.6%
Northshore	4.1%	0.0%	4.4%	-12.0%	6.4%	4.8%	5.0%	NA	2.5%	1.9%	0.8%	1.2%	0.9%	6.7%	2.4%	2.7%
Olympic View	13.4%	7.3%	7.3%	2.0%	-1.4%	-6.2%	2.6%	7.8%	8.5%	7.0%	5.8%	4.4%	6.1%	8.3%	8.5%	5.6%
Redmond*	-3.7%	1.7%	3.5%	2.6%	6.5%	3.4%	NA	NA	NA	NA	7.2%	19.1%	26.1%	-2.5%	5.0%	4.1%
Renton	NA	NA	NA	13.5%	13.2%	12.1%	13.1%	14.3%	17.0%	20.2%	18.6%	16.9%	14.7%	13.0%	6.2%	14.4%
Samm Plateau*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.5%	3.2%	7.8%	-1.9%	6.9%	5.1%
Shoreline	NA	NA	NA	NA	NA	NA	NA	5.9%	7.4%	6.6%	-0.7%	1.9%	3.3%	-13.2%	-9.2%	0.2%
Skyway*	11.7%	7.3%	3.4%	7.7%	2.7%	4.3%	13.9%	20.0%	7.6%	5.1%	0.7%	4.4%	2.0%	8.1%	3.8%	7.1%
Soos Creek	3.3%	-4.7%	2.5%	8.7%	10.7%	4.6%	13.4%	12.0%	9.1%	7.3%	7.5%	10.2%	9.6%	13.5%	4.0%	8.1%
Tukwila*	10.9%	13.5%	6.6%	16.7%	20.0%	14.8%	11.9%	2.4%	NA	13.3%	11.1%	9.9%	8.4%	11.3%	7.8%	13.6%
Woodinville	2.0%	5.4%	4.2%	7.5%	3.3%	5.9%	7.4%	0.3%	-0.6%	5.6%	8.5%	9.0%	5.7%	3.6%	1.0%	3.0%
W.D. 20***	5.6%	8.3%	7.1%	6.2%	0.6%	7.6%	3.1%	5.5%	7.6%	5.4%	7.1%	10.2%	7.1%	9.6%	6.4%	6.3%
W.D. 45	-2.5%	7.4%	6.6%	-23.9%	-0.2%	0.9%	4.6%	7.3%	6.1%	6.1%	5.0%	5.3%	2.4%	6.3%	1.7%	2.5%
W.D. 49	5.3%	3.4%	3.3%	0.6%	1.7%	-5.4%	4.6%	-4.9%	-3.4%	5.4%	1.6%	0.4%	1.4%	14.1%	10.2%	2.8%
W.D. 85***	4.2%	NA	13.7%	10.8%	41.0%	Merged with WD 20										11.8%
W.D. 90	22.1%	19.4%	18.1%	18.7%	9.3%	9.2%	11.3%	11.4%	7.7%	7.0%	11.0%	7.9%	8.6%	6.8%	12.7%	13.6%
W.D. 119	-1.7%	-0.3%	9.5%	21.7%	16.0%	11.4%	15.5%	17.0%	4.4%	10.0%	7.4%	12.4%	11.5%	NA	7.4%	8.1%
W.D. 125	8.1%	7.7%	9.4%	14.3%	6.5%	15.4%	13.5%	14.4%	12.7%	12.7%	13.8%	8.5%	8.8%	7.6%	11.1%	11.9%
Wholesale Avg	5.3%	5.8%	6.2%	6.1%	6.8%	6.1%	9.4%	7.3%	7.0%	8.6%	9.7%	9.0%	9.9%	7.9%	5.2%	7.3%

\* Members of Cascade Water Alliance. No history available for Issaquah, and Sammamish Plateau prior to 2008.

\*\* Formerly Bryn Mawr-Lakeridge Water & Sewer District. Skyway Water & Sewer District merged with Bryn Mawr-Lakeridge as of June 1, 1999 and the name was changed back to Skyway in 2002.

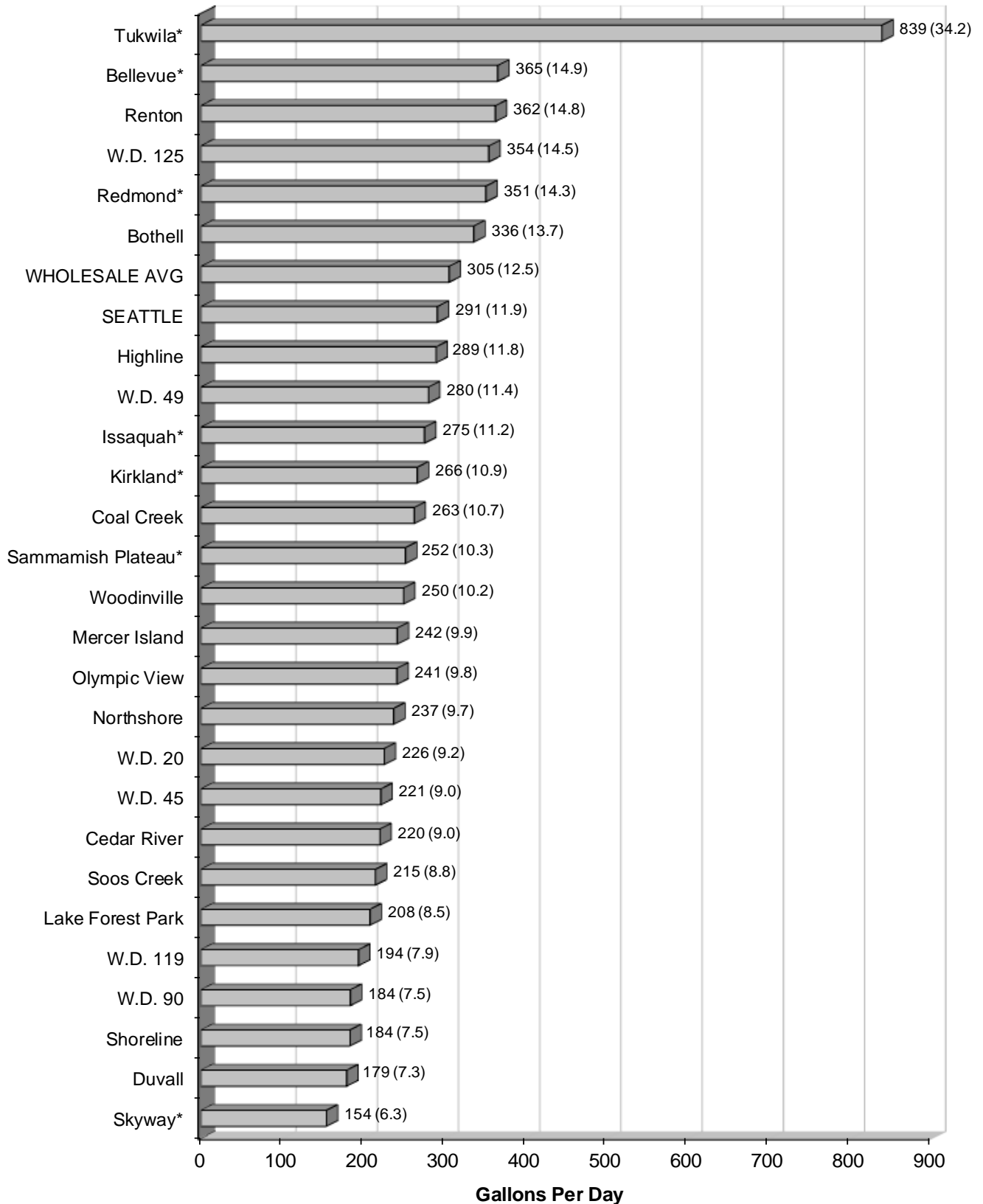
\*\*\* Water District 85 merged with Water District 20 in 2003.

**Figure 2.5**  
**2012 Single Family Consumption per Household**  
**in Gallons per Day (CCF per Month)**



\* Members of Cascade Water Alliance

**Figure 2.6**  
**2012 Total Consumption per Account**  
**in Gallons per Day (CCF per Month)**



\* Members of Cascade Water Alliance

### Table 2.4

#### Single Family Residential Consumption per Household by Wholesale Customer: 1995-2012 (in CCF per Household per Month)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Bellevue*	10.0	9.8	9.4	10.0	9.6	9.7	8.9	9.1	9.7	10.4	8.5	NA	8.5	7.5	8.6	7.6	NA	7.7
Bothell	7.9	8.1	7.9	8.4	7.6	8.0	7.5	7.6	8.0	NA	5.7	5.7	9.1	7.2	7.3	7.2	6.1	6.3
Bryn Mawr	NA	NA	NA	NA	7.5	Merged with Skyway												
Cedar River	9.7	9.7	9.1	9.6	8.9	9.5	8.0	8.6	9.1	8.6	7.8	8.5	7.9	7.4	8.3	7.1	6.8	7.2
Coal Creek	9.5	9.4	9.2	9.9	9.1	9.1	8.0	8.6	9.3	9.4	8.2	8.9	7.9	7.7	8.5	7.1	7.0	7.2
Duvall	8.6	8.3	8.9	9.7	8.1	8.8	7.1	7.2	8.4	7.6	6.8	7.4	6.4	6.9	7.6	6.6	6.7	6.1
Highline	9.0	8.6	9.0	8.8	8.3	8.5	7.6	8.1	8.2	7.9	7.5	7.6	7.3	7.0	7.5	6.6	6.5	6.5
Issaquah*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7	6.1	5.5	5.4	5.7
Kirkland*	8.6	8.5	8.5	8.6	8.2	9.3	7.5	8.0	8.9	7.8	10.4	7.8	7.8	7.3	7.8	6.8	NA	6.9
Lake Forest Park	NA	11.4	12.8	10.7	12.2	12.2	9.9	10.4	11.3	10.3	9.8	10.2	9.2	8.8	10.2	8.9	9.2	7.3
Mercer Island	10.7	9.9	9.8	11.0	10.0	10.5	9.2	10.0	10.6	10.5	9.9	9.8	8.9	8.5	9.0	7.8	8.0	8.0
Northshore	9.2	9.0	8.6	9.8	8.7	8.5	8.1	8.4	8.9	8.4	NA	8.4	7.6	6.9	7.4	6.8	6.5	6.8
Olympic View	9.8	9.5	8.9	9.5	9.0	9.3	8.1	9.0	9.7	9.2	8.3	9.0	8.4	8.0	8.7	7.5	7.5	7.3
Redmond*	9.0	9.1	8.7	9.1	8.6	8.3	7.7	7.7	8.2	NA	NA	NA	NA	6.5	6.6	6.4	6.1	6.3
Renton	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	7.0	6.4	6.6	6.4
Sammamish Plateau*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7	9.7	8.2	8.1	8.3
Shoreline	7.9	7.8	7.5	7.9	NA	7.7	6.7	7.0	7.4	7.0	6.5	6.5	6.3	6.8	6.7	5.8	5.7	5.7
Skyway*	7.2	7.3	7.0	7.2	6.8	7.8	6.3	7.0	7.1	6.7	6.0	6.3	6.0	5.9	5.9	5.4	5.3	5.2
Soos Creek	8.4	8.4	7.7	8.2	7.8	7.8	7.0	7.5	8.5	8.1	6.8	6.9	7.2	7.0	7.2	6.5	6.6	7.1
Tukwila*	6.4	7.7	7.4	7.4	7.2	7.0	6.7	6.9	7.2	6.2	5.8	NA	6.6	6.2	6.7	6.1	5.8	5.9
Woodinville	11.1	11.3	10.5	11.7	10.7	11.1	10.8	10.4	11.6	10.4	9.1	10.2	8.9	8.6	9.5	7.9	7.9	8.1
W.D. 20	8.2	8.0	7.7	8.5	8.1	7.9	7.0	7.1	7.7	7.4	6.9	7.2	6.8	6.7	6.8	6.3	6.0	6.1
W.D. 45	8.9	NA	NA	NA	6.8	7.5	6.8	7.6	6.9	6.4	6.2	6.4	6.3	6.0	6.2	5.9	5.7	5.7
W.D. 49	9.6	8.7	8.5	8.4	8.2	7.9	7.2	7.7	8.1	7.7	7.2	8.0	7.1	6.8	7.3	6.6	6.5	6.5
W.D. 85	NA	NA	NA	NA	9.9	9.7	6.9	7.2	Merged with WD 20									
W.D. 90	NA	NA	NA	NA	8.4	9.5	8.5	8.8	8.7	8.5	7.5	8.2	7.7	7.4	8.0	6.8	6.9	7.0
W.D. 119	NA	NA	NA	NA	8.1	8.2	7.7	8.1	9.1	8.2	7.5	9.0	7.6	7.6	8.1	7.1	NA	7.9
W.D. 125	8.3	8.3	8.2	8.3	8.1	8.3	8.5	9.4	8.5	8.1	7.8	8.0	8.0	7.5	7.9	7.1	7.0	7.0
<b>Wholesale Average</b>	<b>9.4</b>	<b>9.2</b>	<b>8.9</b>	<b>9.5</b>	<b>8.9</b>	<b>9.1</b>	<b>8.1</b>	<b>8.4</b>	<b>9.0</b>	<b>8.7</b>	<b>7.9</b>	<b>8.0</b>	<b>7.8</b>	<b>7.3</b>	<b>7.9</b>	<b>6.9</b>	<b>7.0</b>	<b>7.0</b>
<b>Seattle</b>	<b>7.6</b>	<b>7.4</b>	<b>7.1</b>	<b>7.1</b>	<b>7.1</b>	<b>7.3</b>	<b>6.5</b>	<b>6.7</b>	<b>6.6</b>	<b>6.4</b>	<b>6.0</b>	<b>6.2</b>	<b>5.9</b>	<b>5.7</b>	<b>5.9</b>	<b>5.4</b>	<b>5.2</b>	<b>5.3</b>

\* Members of Cascade Water Alliance. No history is available for Issaquah, and Sammamish Plateau prior to 2008.  
No history is available for Renton prior to 2008. Bellevue, Kirkland, and WD 119 did not provide data for 2011.

### Figure 2.7

