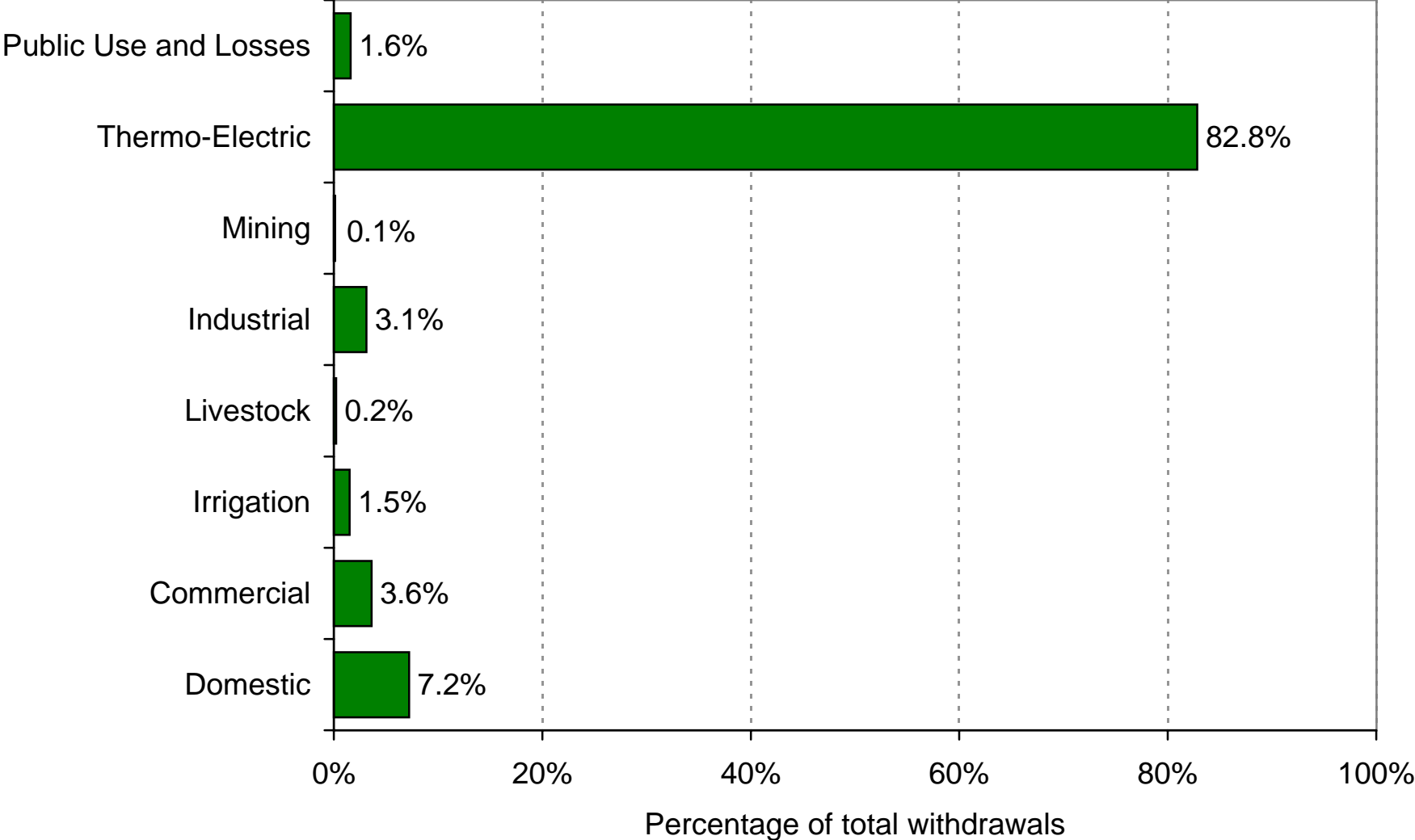


Utah Snowpack Levels By Basin

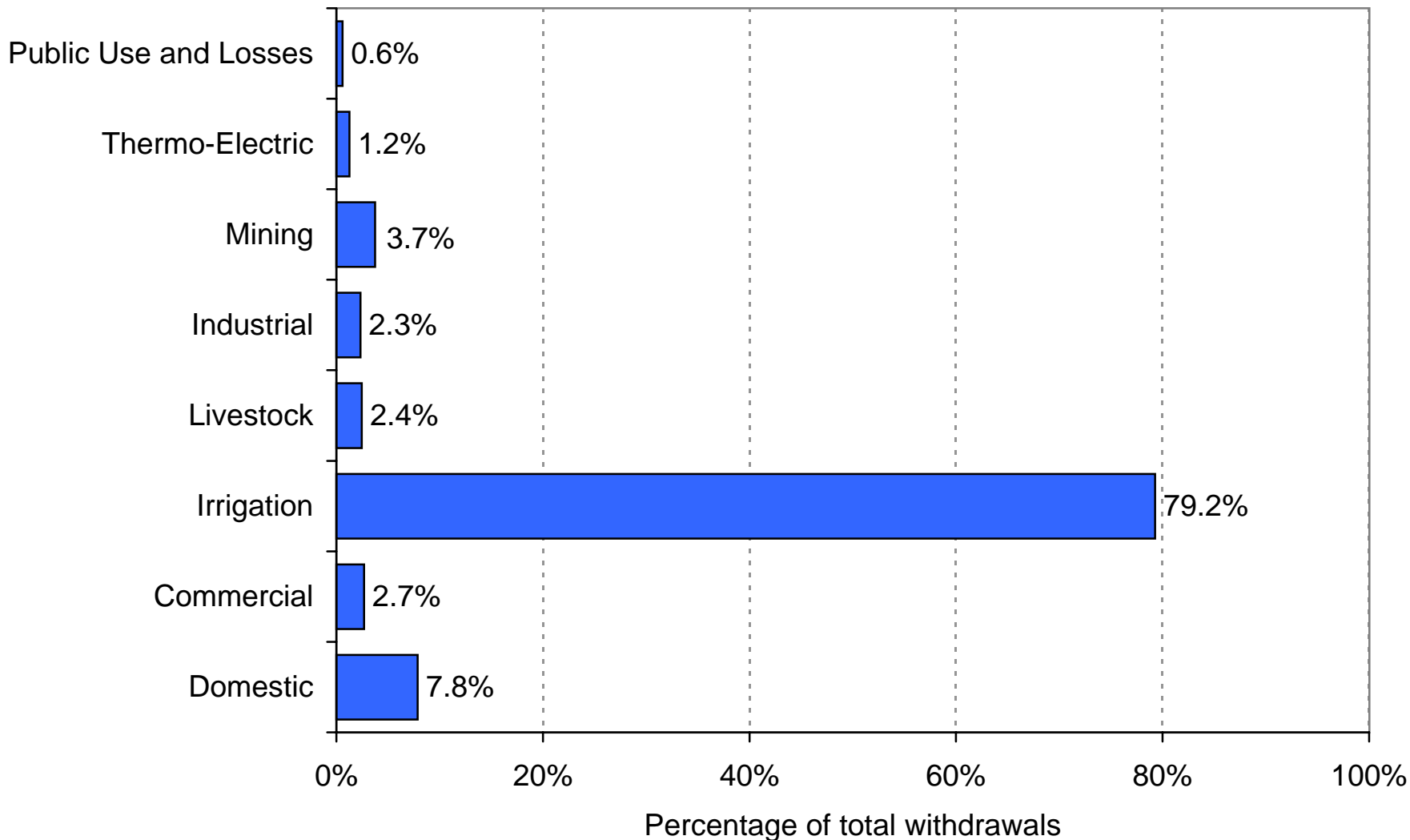
As of 3/31/2002

Basin	Snow Water Equivalent		
	Inches		% of Average
	Current	Average	
Weber Ogden Rivers	20.1	22.5	87%
Provo River, Jordan River, Utah Lake	18.2	20.1	87%
Bear River	18.1	22.5	80%
Tooele Valley-Vernon Creek	14.3	19.0	75%
Green River	7.4	10.4	72%
Duchsne River	9.8	15.0	65%
Price-San Rafael	11.4	16.6	68%
Dirty Devil	7.3	10.8	67%
Sevier River	8.2	14.2	60%
South Eastern Utah	6.1	11.7	52%
Beaver River	7.5	15.5	48%
Escalante River	4.6	10.2	41%
Virgin River	3.7	12.0	31%
Statewide Average	12.3	16.8	73%

Water Consumption by Category: Massachusetts



Water Consumption by Category: Utah

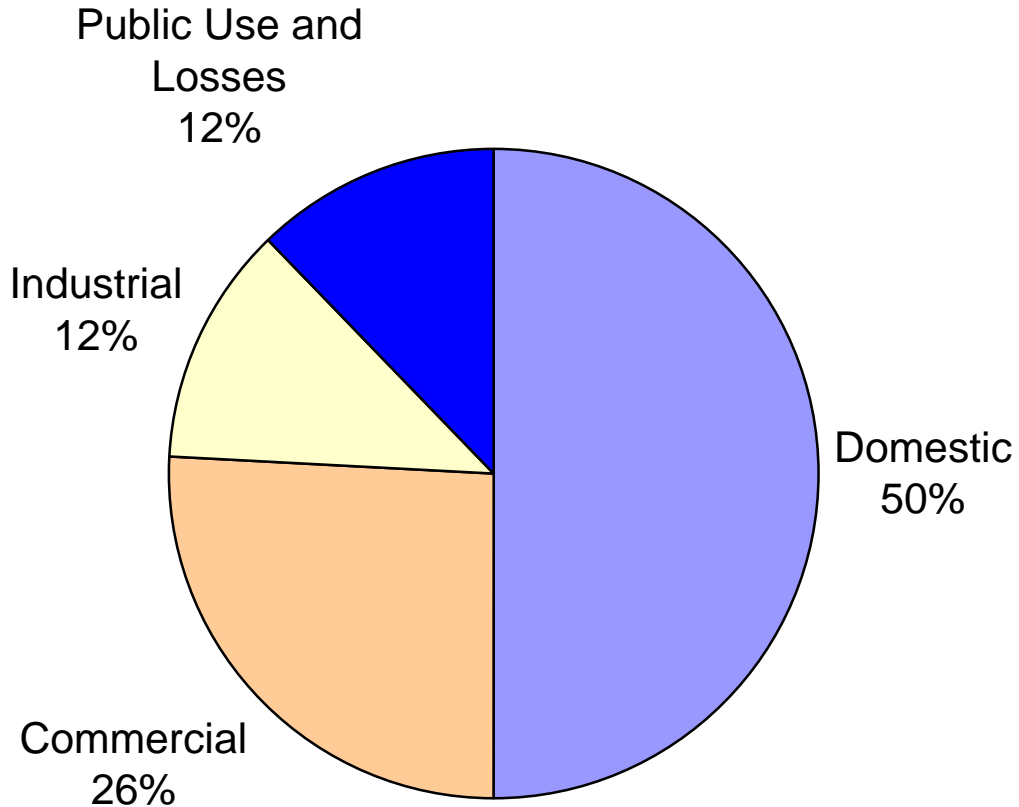


Efficiency of Water Delivery Systems

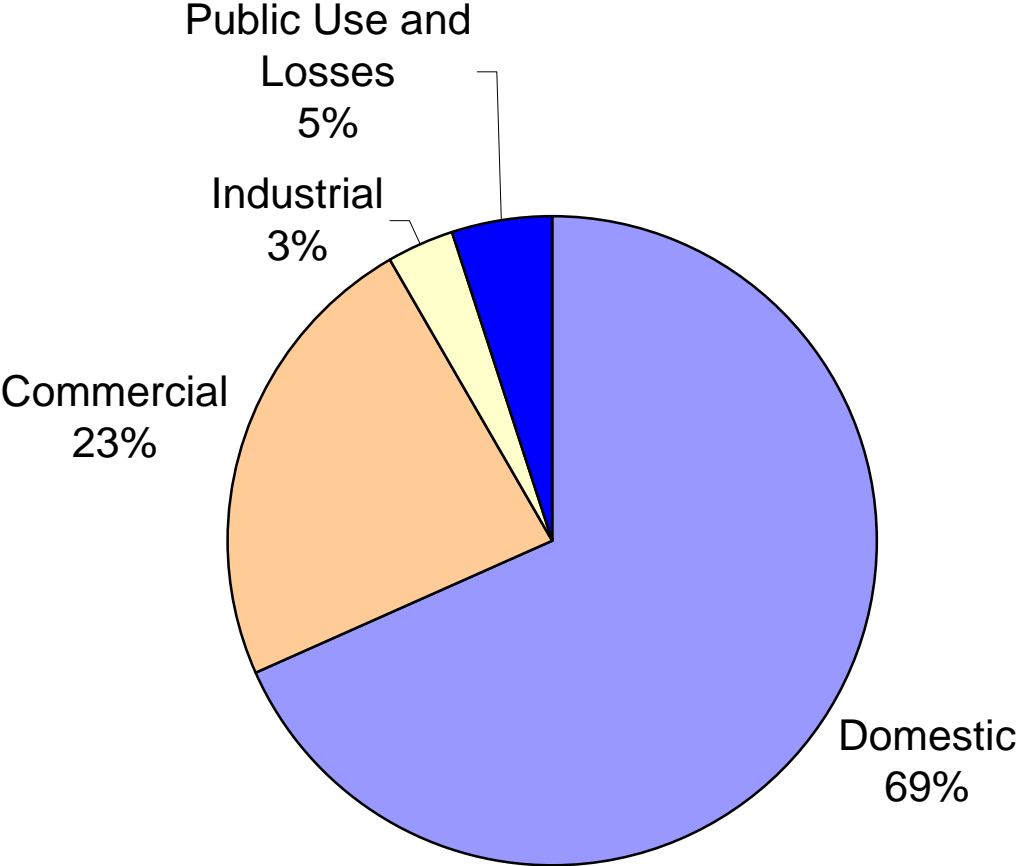
States With the Highest and Lowest Per Capita Water Deliveries

State	Rank		Per Capita	
	Withdrawals	Deliveries	Withdrawals	Deliveries
Nevada	1	1	325	296
Utah	2	2	269	255
Washington	3	3	266	239
Idaho	5	4	243	213
Wyoming	4	5	261	212
Minnesota	45	46	145	114
Massachusetts	49	47	130	114
Pennsylvania	27	48	171	108
Rhode Island	49	49	130	100
West Virginia	48	50	134	100

Consumption of Publicly Supplied Water by Category: Massachusetts



Consumption of Publicly Supplied Water by Category: Utah



Water Consumption and Population Growth

States Grouped by Population Growth and Water Consumption Rates, 1985-1995

	High Growth of Water Withdrawals					Low Growth of Water Withdrawals				
	1985-95 Population % Growth	1985-95 Water Withdrawals	Per Capita		1985-95 Population % Growth	1985-95 Water Withdrawals	Per Capita			
			Gal/day 1995	Growth 85-95			Gal/day 1995	Growth 85-95		
High Population Growth	Arizona	35.3	6.2	206	2.9	Nevada	60.4	-38.5	325	-0.5
	Florida	25.0	7.1	170	-1.6	Utah	20.3	3.2	269	-5.6
	Washington	23.4	26.0	266	-1.5	California	19.1	-7.6	184	-15.7
	Georgia	20.6	6.8	195	8.6	Idaho	17.2	-32.3	242	-19.5
	Oregon	17.5	20.9	234	9.3	Colorado	16.5	1.5	208	-15.1
	New Mexico	17.0	7.0	225	-0.3	Delaware	16.2	-9.1	158	5.3
	Virginia	15.5	13.9	158	15.2	North Carolina	14.9	6.1	162	-6.1
	New Hampshire	14.9	47.7	141	0.6	Hawaii	13.5	-10.2	191	5.8
	Texas	14.8	17.0	187	-3.7	Alaska	13.0	-19.0	213	-2.7
	Maryland	13.8	15.2	200	-7.7	South Carolina	12.0	-9.1	200	40.1
	Tennessee	11.2	19.5	176	2.6	Alabama	7.3	-17.4	237	35.3
	Minnesota	10.1	19.8	145	-17.1					
	Vermont	10.0	348.4	149	-3.4					
Wisconsin	8.2	7.6	169	-8.3						
Low Population Growth	Wyoming	-4.3	13.5	262	-12.2	North Dakota	-5.2	-3.4	149	10.8
	Oklahoma	-0.2	60.6	194	5.1	West Virginia	-4.5	-15.1	133	15.7
	Iowa	0.4	9.4	173	5.6	Louisiana	-1.8	-5.3	166	2.7
	Connecticut	2.0	17.7	155	15.0	Rhode Island	2.1	0.5	130	-1.1
	New York	2.0	10.5	185	3.0	Pennsylvania	2.3	-32.3	171	-12.5
	Mississippi	4.0	27.5	152	10.3	Massachusetts	3.1	-43.0	130	-9.7
	Illinois	4.3	37.2	175	-3.4	Nebraska	3.2	5.0	222	18.0
	Indiana	6.1	13.8	156	-0.2	Ohio	3.9	-17.3	153	-4.1
	Michigan	6.4	6.1	188	11.1	South Dakota	4.3	-31.9	146	0.1
	Missouri	6.5	15.1	161	3.6	Kentucky	4.3	5.2	148	1.2
	Arkansas	6.6	48.1	191	24.5	New Jersey	5.3	-12.0	150	-4.1
						Montana	5.7	2.4	222	-13.8
						Maine	6.4	-78.6	141	8.4
					Kansas	6.6	-7.6	159	0.9	

Median Per Capita Consumption = 174 gallons per day

Spanish Fork City

New Residential Water and Pressurized Irrigation Rates

Culinary Water

Base Charge

\$10.00 which includes up to 4,000 gallons

Additional Usage Charge

Usage over 4,000 gallons is \$0.77 per 1,000 gallons

Pressurized Irrigation

Lot Size

Rate

Under 6,000 sq. ft.

\$6.75 per month year round

6,000 - 9,999 sq. ft.

\$7.00 per month year round

10,000 - 14,999 sq. ft.

\$7.50 per month year round

15,000 - 19,999 sq. ft.

\$14.50 per month year round

20,000 sq. ft. and above

Metered same as culinary rates (\$0.77 per 1,000 gallons)

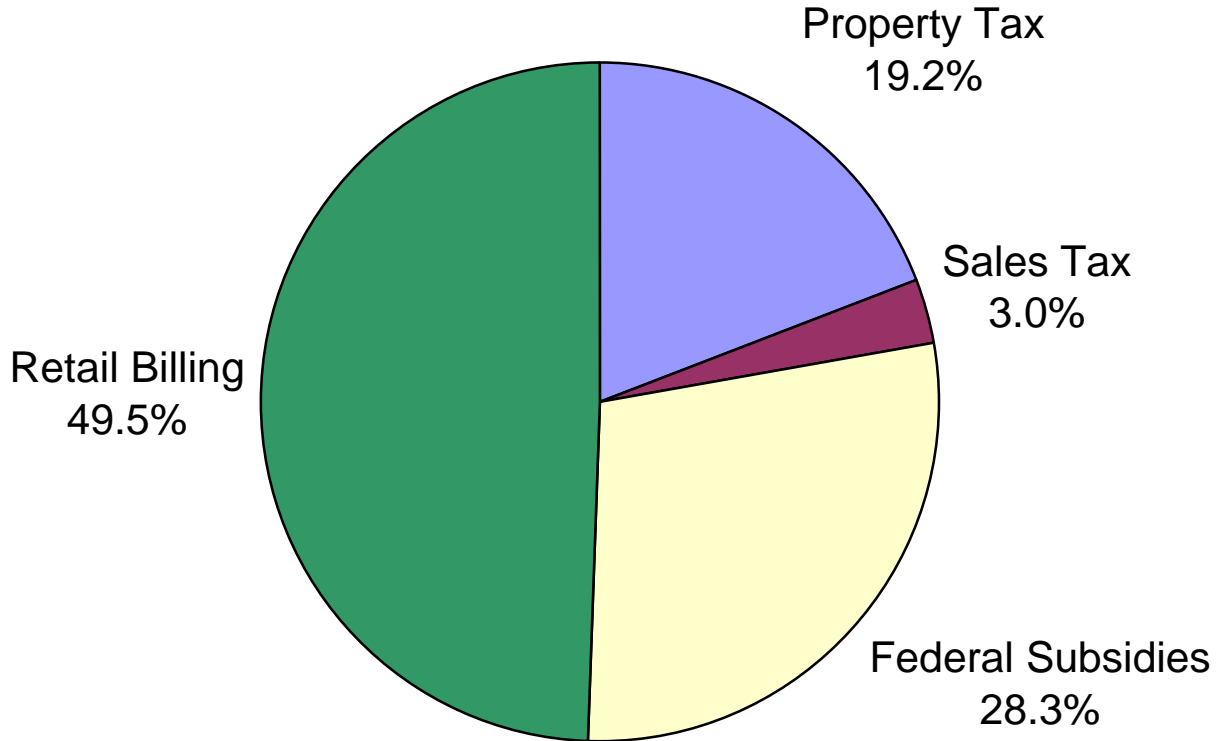
Agricultural

Metered \$0.46 per 1,000 gallons

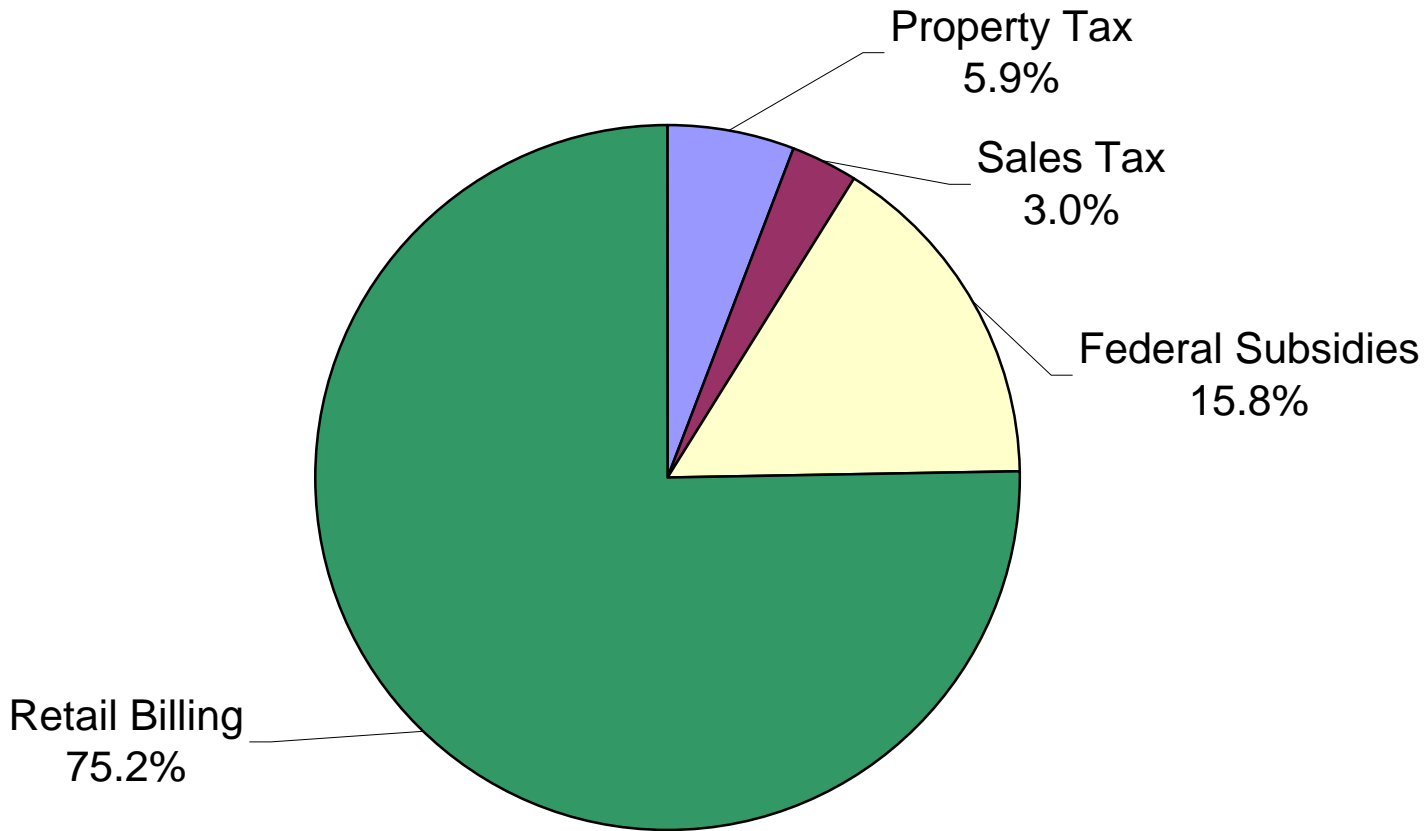
Residential Water Rates in Western Cities

City	Estimated Cost per 1,000 gallons
Reno, NV	\$3.39
Seattle, WA	2.30
Los Angeles, CA	2.22
Park City, UT	2.20
Tucson, AZ	1.81
Boise, ID	1.68
Las Vegas, NV	1.65
Phoenix, AZ	1.61
Albuquerque, NM	1.41
Denver, CO	1.14
Salt Lake City, UT	1.04
Provo, UT	0.75
Sacramento, CA	0.75
AVERAGE	\$1.63
Utah Average	\$1.15
National Average	\$1.96

Water Funding Sources: Salt Lake County Average



Water Funding Sources: Holladay



Appendix A: Efficiency of Water Delivery Systems

State	Rank		Per Capita		Per Capita Leakage	Leakage as % of Withdrawals	Rank: Efficiency of System
	Withdrawals	Deliveries	Withdrawals	Deliveries			
Nevada	1	1	325	296	29	9.0%	7
Utah	2	2	269	255	14	5.2%	1
Washington	3	3	266	239	27	10.2%	12
Idaho	5	4	243	213	30	12.4%	19
Wyoming	4	5	261	212	49	18.7%	38
Alabama	6	6	237	210	27	11.6%	16
Oregon	7	7	235	206	29	12.5%	20
New Mexico	8	8	225	204	21	9.5%	8
Nebraska	10	9	221	202	19	8.8%	6
Alaska	11	10	212	192	20	9.6%	9
Arizona	13	11	206	185	21	10.1%	10
Oklahoma	17	12	194	182	12	6.2%	2
Colorado	12	13	208	181	27	12.8%	22
South Carolina	14	14	200	170	30	15.1%	33
Georgia	16	15	195	168	27	14.0%	26
Michigan	20	16	188	166	22	11.7%	17
California	22	17	185	164	21	11.5%	15
Texas	20	18	188	164	24	13.0%	23
Hawaii	18	19	191	163	28	14.5%	28
Montana	9	20	222	161	61	27.4%	48
New York	22	21	185	159	26	14.0%	27
Tennessee	24	22	176	158	18	10.1%	11
Arkansas	18	23	191	154	37	19.4%	39
Louisiana	30	24	166	145	21	12.7%	21
Florida	28	25	169	144	25	14.7%	31
Illinois	25	26	175	144	31	17.8%	37
North Carolina	31	27	162	140	22	13.7%	25
Delaware	33	28	159	138	21	13.0%	24
Kentucky	42	29	148	135	13	8.7%	5
Maryland	14	30	200	135	65	32.5%	49
Mississippi	39	31	152	135	17	11.5%	14
South Dakota	44	32	147	134	13	8.6%	4
Virginia	33	33	159	134	25	15.7%	34
Indiana	36	34	156	133	23	14.6%	30
Missouri	32	35	161	133	28	17.7%	36
Iowa	26	36	173	133	40	23.4%	45
Vermont	42	37	148	132	16	11.0%	13
New Hampshire	47	38	140	131	9	6.4%	3
Ohio	38	39	153	130	23	15.0%	32
Connecticut	37	40	155	128	27	17.6%	35
Kansas	33	41	159	128	31	19.8%	41
Wisconsin	28	42	169	127	42	24.9%	46
Maine	46	43	142	121	21	14.5%	29
New Jersey	40	44	150	121	29	19.5%	40
North Dakota	41	45	149	119	30	20.4%	42
Minnesota	45	46	145	114	31	21.1%	43
Massachusetts	49	47	130	114	16	12.2%	18
Pennsylvania	27	48	171	108	63	36.9%	50
Rhode Island	49	49	130	100	30	22.9%	44
West Virginia	48	50	134	100	34	25.4%	47