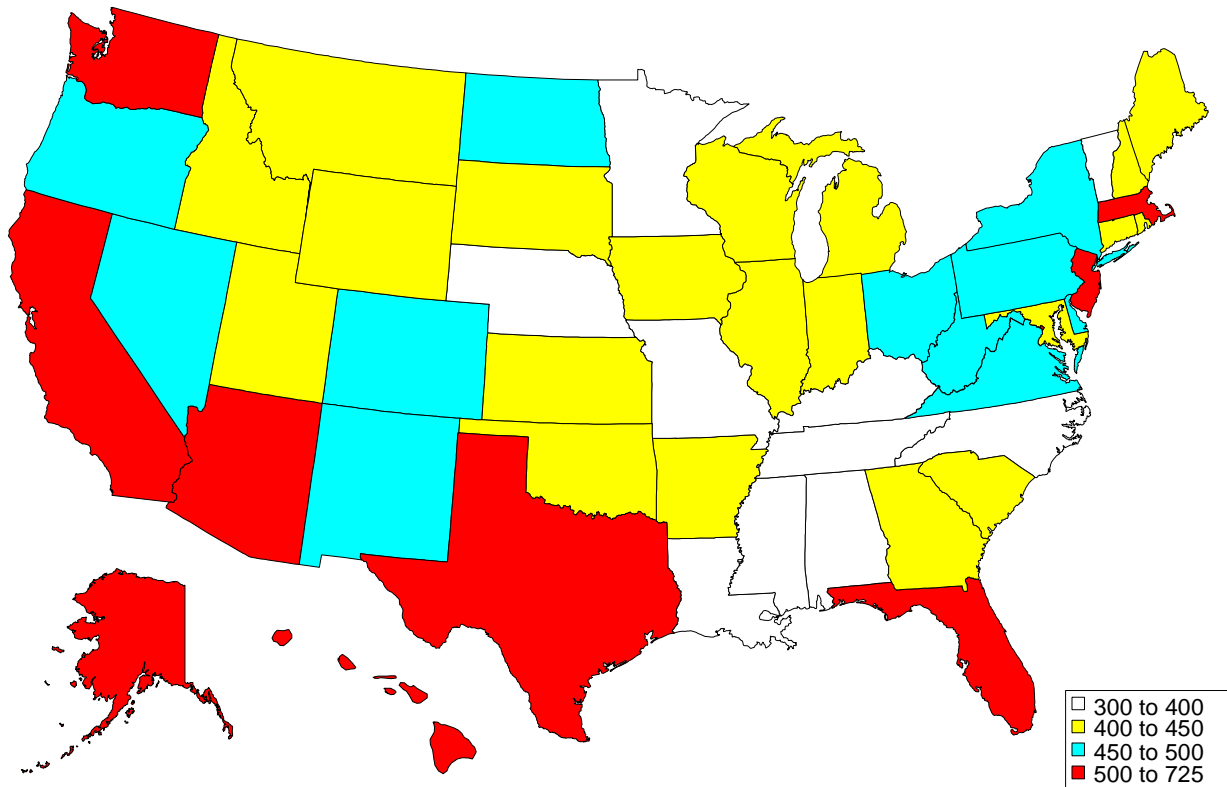


# The Cost of Water and Wastewater Service in the United States

## Appendix



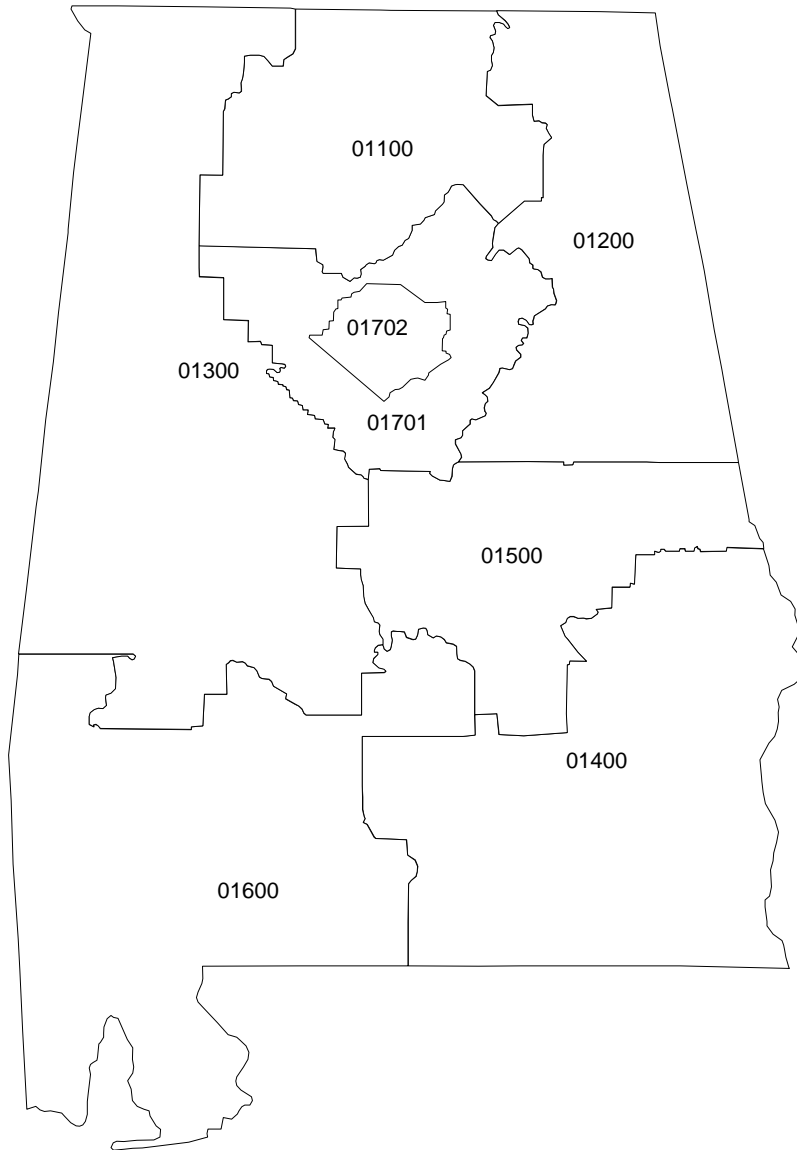
Prepared for  
National Rural Water Association

October 2003

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The Cost of Water and Wastewater Service in the United States - Appendix

Alabama



The Cost of Water and Wastewater Service in the United States - Appendix

**Alabama**

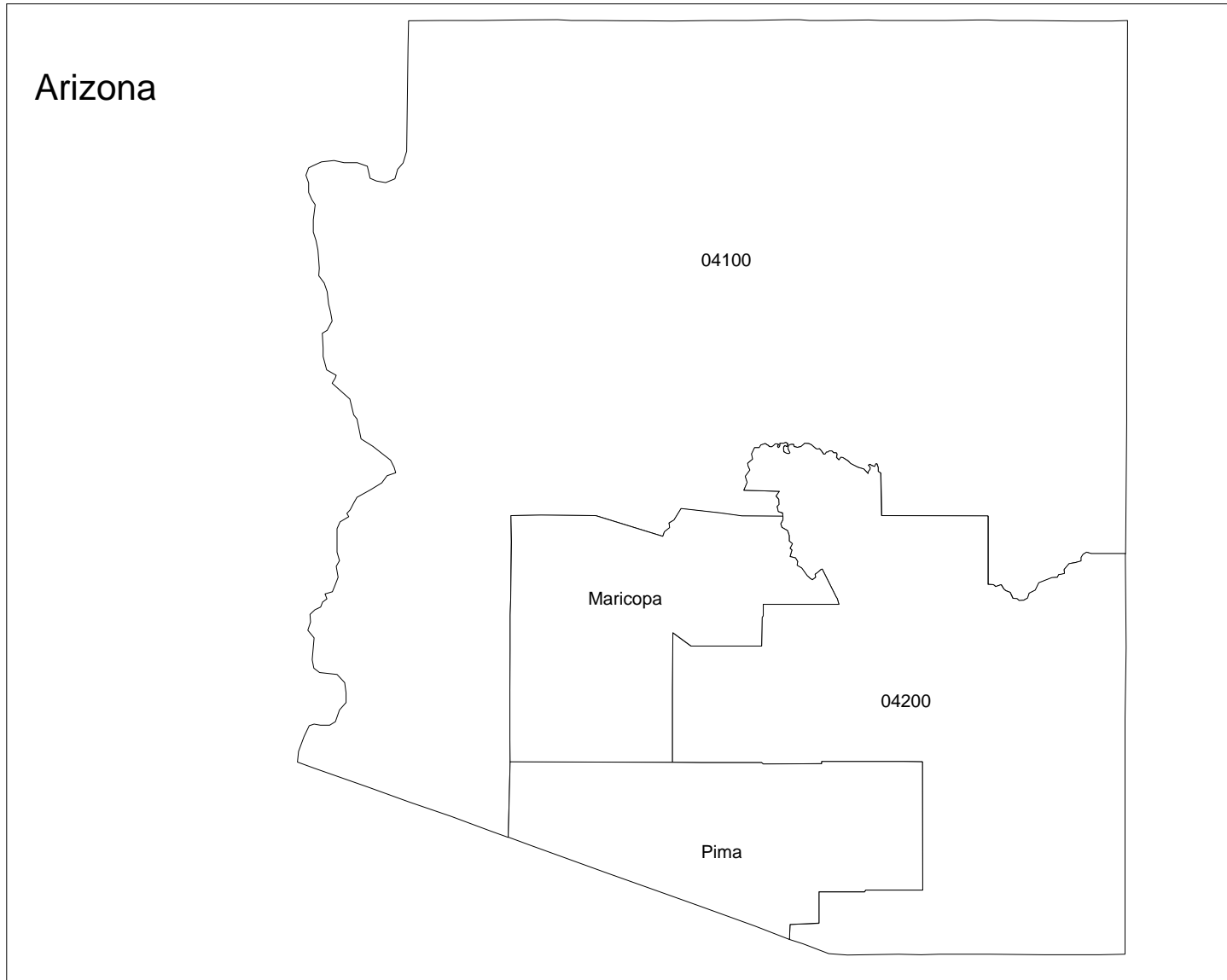
PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
1100	264,556	218,050	\$340	1.39	82.42
1200	185,595	150,394	\$338	1.64	81.03
1300	217,683	182,836	\$367	1.88	83.99
1400	208,659	150,612	\$353	1.67	72.18
1500	172,306	134,649	\$454	1.81	78.15
1600	257,466	200,876	\$387	1.85	78.02
1701	161,716	145,584	\$361	1.33	90.02
1702	216,882	164,155	\$387	1.54	75.69

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**Alaska**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
2100	220,658	93,408	\$603	1.63	42.33

The Cost of Water and Wastewater Service in the United States - Appendix

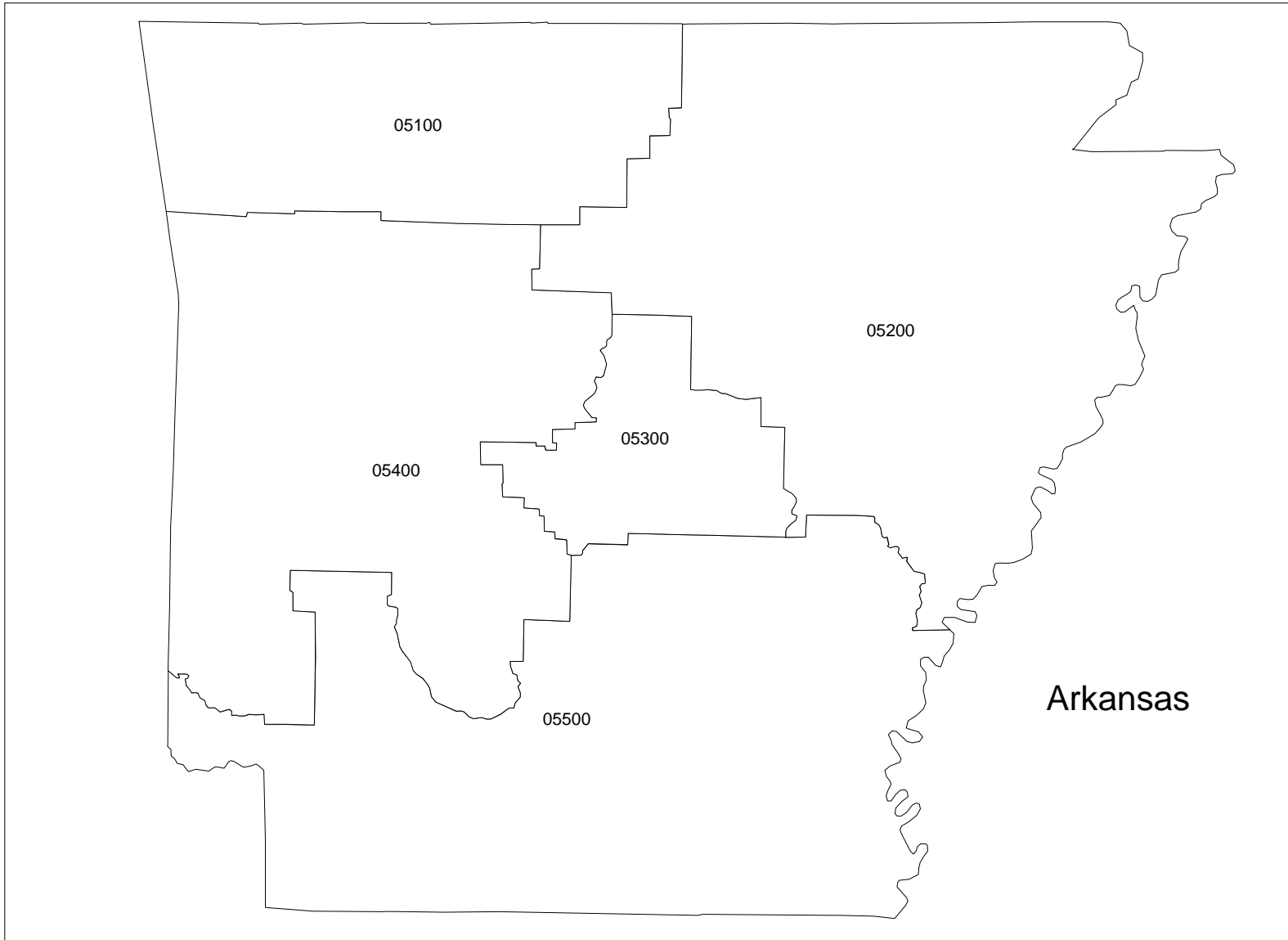


The Cost of Water and Wastewater Service in the United States - Appendix

**Arizona**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
4100	281,297	188,903	\$483	1.91	67.15
4200	146,993	104,659	\$480	1.93	71.20
4301	202,222	147,276	\$579	1.52	72.83
4302	192,935	146,469	\$592	1.35	75.92
4303	236,366	159,752	\$662	1.49	67.59
4304	149,554	74,518	\$650	2.42	49.83
4305	121,003	92,217	\$639	1.92	76.21
4306	208,110	160,698	\$586	1.50	77.22
4401	168,892	124,799	\$448	1.30	73.89
4402	158,378	100,301	\$400	1.58	63.33

The Cost of Water and Wastewater Service in the United States - Appendix



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**Arkansas**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
5100	174,949	123,903	\$414	1.70	70.82
5200	243,795	194,890	\$387	2.13	79.94
5300	223,749	179,495	\$456	1.56	80.22
5400	209,393	156,445	\$402	1.84	74.71
5500	166,683	132,212	\$432	2.00	79.32



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The Cost of Water and Wastewater Service in the United States - Appendix

**California**

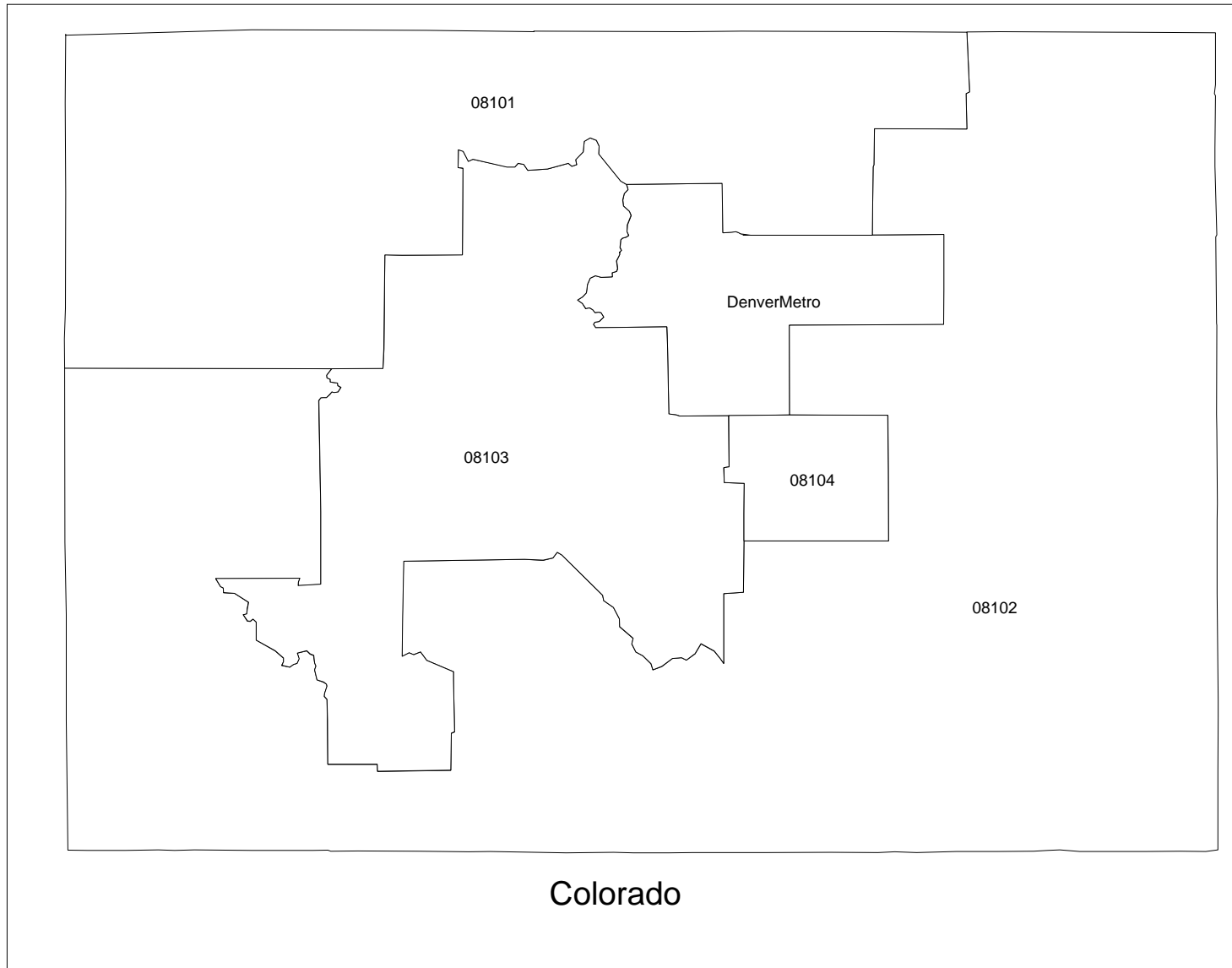
PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
6010	156,469	90,092	\$388	1.58	57.58
6020	177,206	92,431	\$406	1.64	52.16
6030	150,369	80,241	\$463	1.46	53.36
6040	272,303	169,997	\$550	1.22	62.43
6050	172,006	118,850	\$701	1.67	69.10
6060	149,253	76,587	\$639	2.08	51.31
6071	155,900	88,055	\$543	1.61	56.48
6072	140,702	97,036	\$581	1.34	68.97
6080	150,311	104,856	\$596	1.29	69.76
6090	171,928	89,864	\$479	1.91	52.27
6100	178,883	119,575	\$494	1.62	66.85
6110	139,047	94,326	\$572	1.71	67.84
6121	187,471	126,074	\$524	0.97	67.25
6122	149,860	116,564	\$675	1.22	77.78
6130	321,204	127,370	\$577	1.52	39.65
6140	247,868	170,373	\$557	0.94	68.74
6151	204,149	113,450	\$601	1.82	55.57
6152	156,321	99,925	\$456	1.26	63.92
6153	160,356	114,680	\$495	0.86	71.52
6161	162,793	88,552	\$550	0.85	54.40
6162	118,229	89,556	\$563	0.96	75.75
6163	278,832	186,610	\$507	0.88	66.93
6170	222,943	142,959	\$526	1.38	64.12
6180	243,281	141,475	\$654	2.25	58.15
6190	144,072	94,909	\$526	2.17	65.88
6201	184,382	135,115	\$736	1.73	73.28
6202	170,745	119,807	\$579	2.00	70.17
6203	150,082	112,458	\$581	1.93	74.93
6210	208,508	142,854	\$407	1.56	68.51
6220	225,100	141,632	\$668	1.92	62.92
6230	243,896	179,008	\$694	1.47	73.40
6301	153,172	100,637	\$926	1.96	65.70
6302	143,308	65,942	\$741	2.20	46.01
6303	184,759	107,872	\$957	1.83	58.39

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**California**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
6304	246,537	75,443	\$714	1.73	30.60
6305	172,681	62,914	\$600	1.70	36.43
6306	172,617	61,670	\$626	2.04	35.73
6307	158,427	74,793	\$688	2.63	47.21
6401	156,536	110,834	\$469	1.12	70.80
6402	131,054	91,991	\$676	1.78	70.19
6403	153,325	108,868	\$528	1.39	71.00
6404	147,511	88,894	\$603	1.42	60.26
6405	159,915	74,341	\$622	1.58	46.49
6406	146,581	92,862	\$477	1.37	63.35
6407	186,041	126,956	\$467	1.28	68.24
6408	131,709	70,232	\$635	2.54	53.32
6409	157,928	72,609	\$484	1.39	45.98
6410	184,511	113,029	\$569	1.11	61.26
6411	256,140	100,610	\$831	1.70	39.28
6501	178,283	119,136	\$530	1.09	66.82
6502	138,058	77,217	\$491	1.24	55.93
6503	166,316	106,635	\$452	1.08	64.12
6504	174,354	104,772	\$435	0.98	60.09
6505	268,781	199,666	\$502	0.91	74.29
6601	121,567	100,799	\$730	1.91	82.92
6602	185,243	140,111	\$586	1.91	75.64
6603	227,141	154,226	\$538	1.62	67.90
6701	155,636	54,290	\$702	2.45	34.88
6702	151,333	95,178	\$656	1.78	62.89
6703	168,745	99,503	\$687	1.43	58.97
6704	256,670	155,904	\$763	1.52	60.74
6705	256,286	161,573	\$763	1.69	63.04

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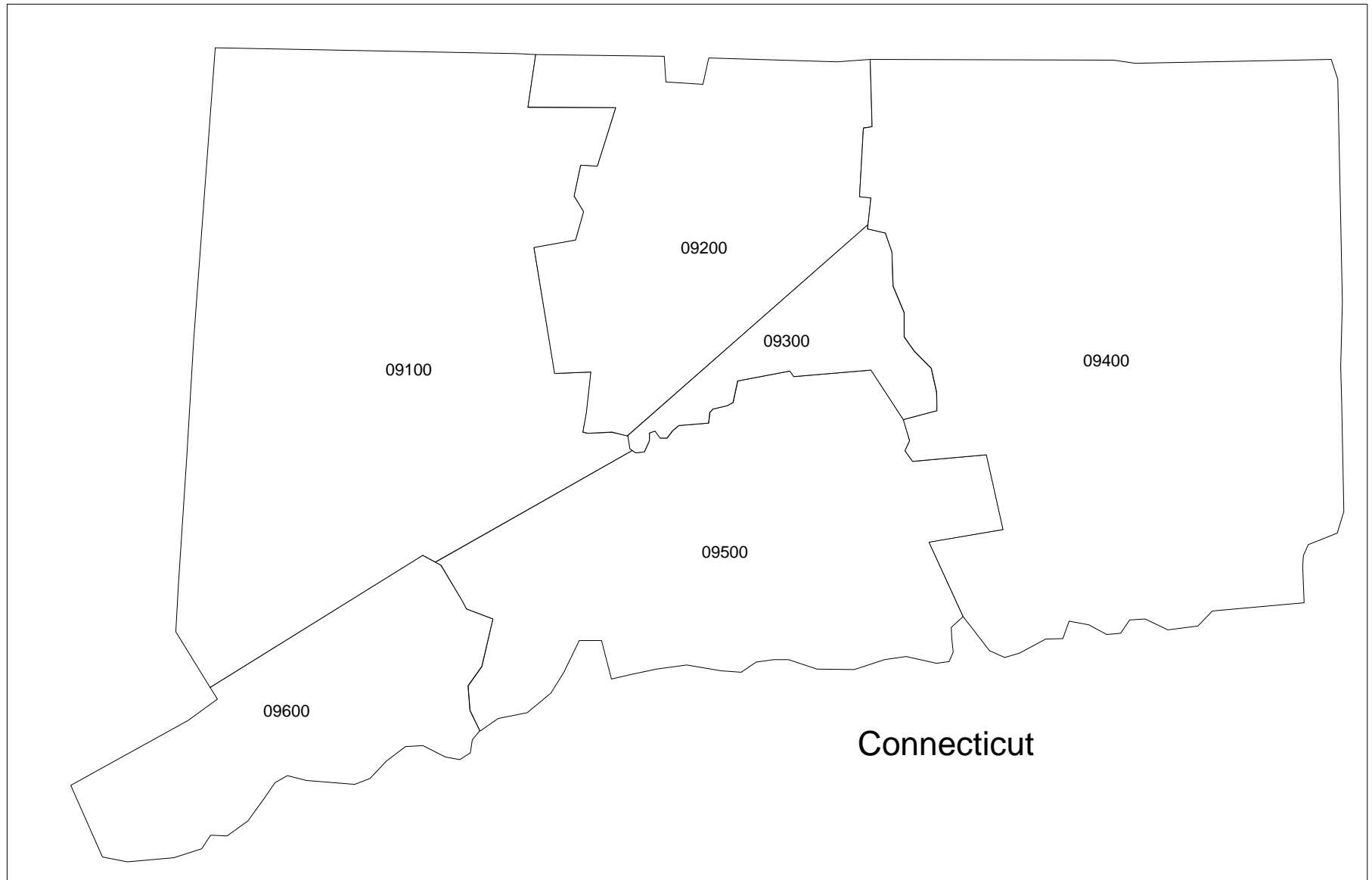


The Cost of Water and Wastewater Service in the United States - Appendix

**Colorado**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
8101	190,318	123,905	\$520	1.46	65.10
8102	185,830	117,226	\$401	1.69	63.08
8103	165,793	93,420	\$460	1.36	56.35
8104	161,770	117,470	\$387	1.08	72.62
8201	163,664	104,067	\$489	0.97	63.59
8202	245,535	128,037	\$429	1.37	52.15
8203	153,840	115,750	\$521	1.25	75.24
8204	157,303	103,318	\$473	0.91	65.68
8205	212,409	147,966	\$503	1.01	69.66

The Cost of Water and Wastewater Service in the United States - Appendix



The Cost of Water and Wastewater Service in the United States - Appendix

**Connecticut**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
9100	216,581	82,727	\$450	1.58	38.20
9200	155,716	99,366	\$367	0.83	63.81
9300	171,852	83,115	\$320	0.82	48.36
9400	189,530	68,112	\$407	1.07	35.94
9500	293,961	147,514	\$453	1.12	50.18
9600	253,440	140,521	\$570	1.14	55.45

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**Delaware**

<u>PUMA</u>	<u>Households</u>	<u>Households that Pay Directly for W/WW</u>	<u>Average Cost of W/WW</u>	<u>Average % of Income Spent for W/WW</u>	<u>Percent of Households that Pay Directly for W/WW</u>
10100	295,250	173,171	\$456	1.31	58.65

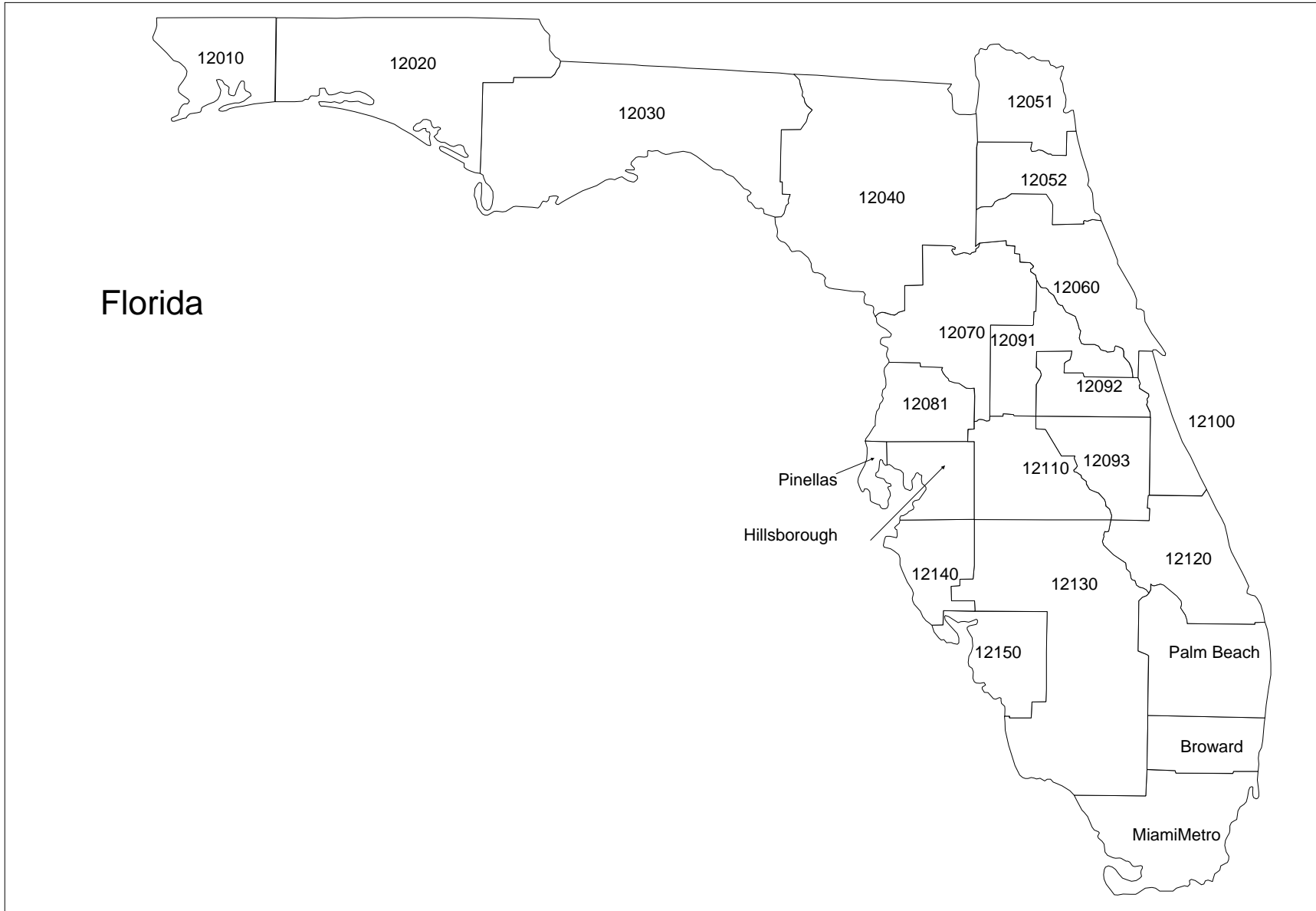


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**District of Columbia**

<u>PUMA</u>	<u>Households</u>	<u>Households that Pay Directly for W/WW</u>	<u>Average Cost of W/WW</u>	<u>Average % of Income Spent for W/WW</u>	<u>Percent of Households that Pay Directly for W/WW</u>
11100	238,823	91,853	\$505	1.49	38.46

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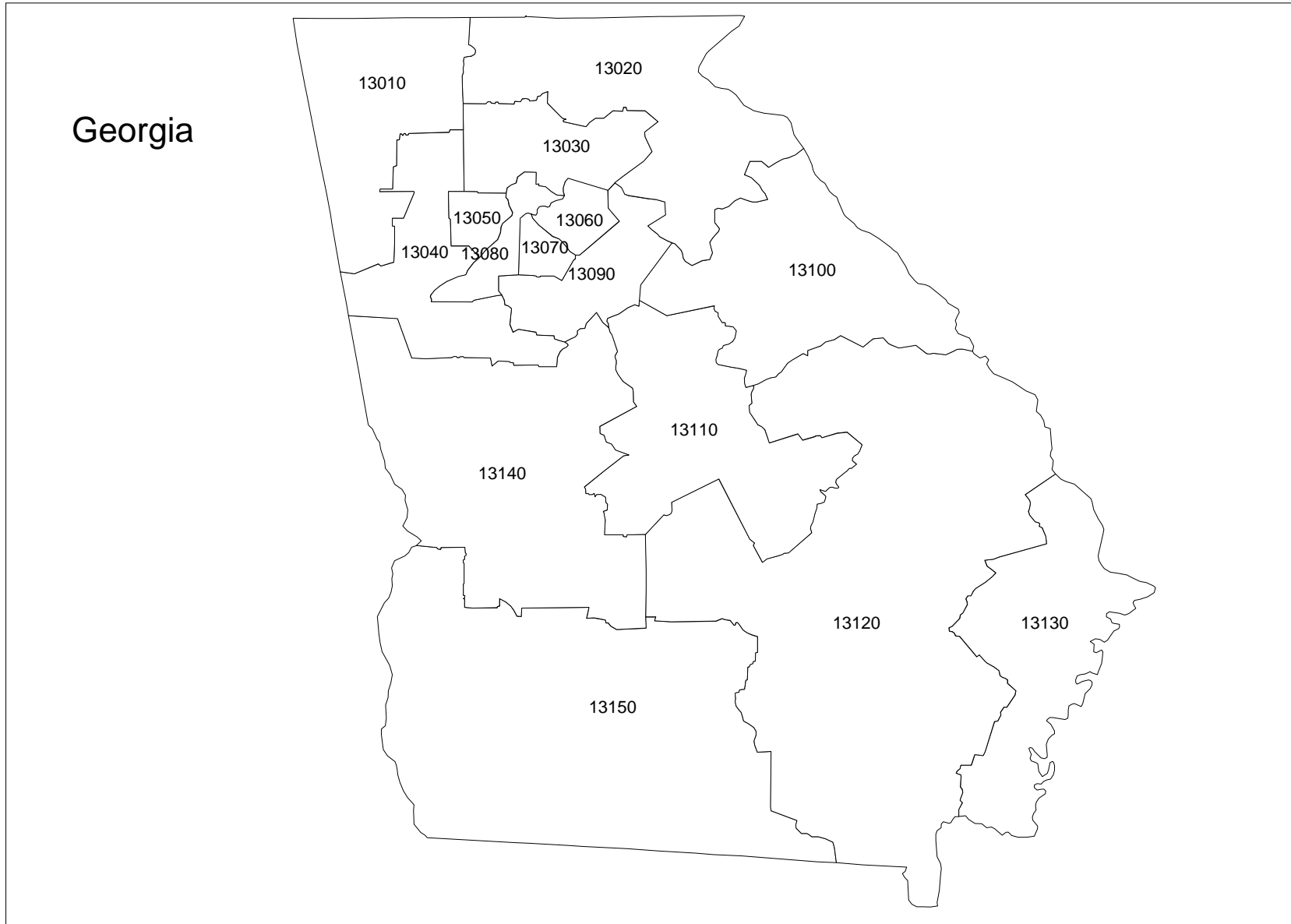


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**Florida**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
12010	152,428	126,560	\$420	1.49	83.03
12020	170,658	115,848	\$511	2.06	67.88
12030	151,436	89,065	\$406	1.65	58.81
12040	165,816	66,454	\$420	1.92	40.08
12051	216,566	146,877	\$594	2.04	67.82
12052	197,760	131,491	\$590	1.62	66.49
12060	228,578	149,176	\$550	2.05	65.26
12070	174,480	77,591	\$442	1.94	44.47
12081	199,558	137,542	\$476	1.91	68.92
12082	194,109	120,477	\$685	2.12	62.07
12083	212,084	135,621	\$637	2.47	63.95
12084	220,411	150,363	\$649	1.96	68.22
12085	161,719	97,142	\$635	1.66	60.07
12091	226,450	154,923	\$554	1.66	68.41
12092	222,918	138,864	\$525	1.59	62.29
12093	171,530	118,391	\$560	1.75	69.02
12100	194,693	140,072	\$512	1.84	71.95
12110	184,421	116,151	\$485	1.89	62.98
12120	191,377	102,152	\$546	1.82	53.38
12130	169,144	86,847	\$612	2.14	51.35
12140	260,183	176,158	\$631	2.06	67.71
12150	249,679	166,321	\$596	2.00	66.61
12161	219,949	137,451	\$511	1.70	62.49
12162	247,194	160,251	\$586	1.63	64.83
12171	181,731	92,935	\$657	1.89	51.14
12172	226,547	120,906	\$656	1.93	53.37
12173	229,201	152,747	\$654	1.70	66.64
12181	141,774	82,775	\$689	2.90	58.39
12182	174,929	75,175	\$706	2.84	42.97
12183	170,487	78,515	\$638	2.62	46.05
12184	148,423	106,280	\$577	1.42	71.61
12185	146,606	110,146	\$580	1.91	75.13

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**Georgia**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
13010	173,924	136,579	\$297	1.20	78.53
13020	163,287	87,974	\$362	1.45	53.88
13030	145,631	116,494	\$411	1.20	79.99
13040	198,623	157,234	\$384	1.01	79.16
13050	222,344	178,504	\$477	0.99	80.28
13060	201,320	170,042	\$471	1.02	84.46
13070	247,032	172,476	\$396	1.20	69.82
13080	310,878	192,112	\$605	1.57	61.80
13090	207,894	163,920	\$362	1.10	78.85
13100	149,964	96,319	\$388	1.47	64.23
13110	165,817	109,396	\$386	1.54	65.97
13120	180,731	86,659	\$385	2.43	47.95
13130	172,027	122,306	\$490	2.36	71.10
13140	189,045	116,014	\$442	2.06	61.37
13150	212,505	120,694	\$402	1.85	56.80

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**Hawaii**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
15101	196,623	120,535	\$643	1.51	61.30
15102	198,331	92,219	\$825	1.75	46.50

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Idaho



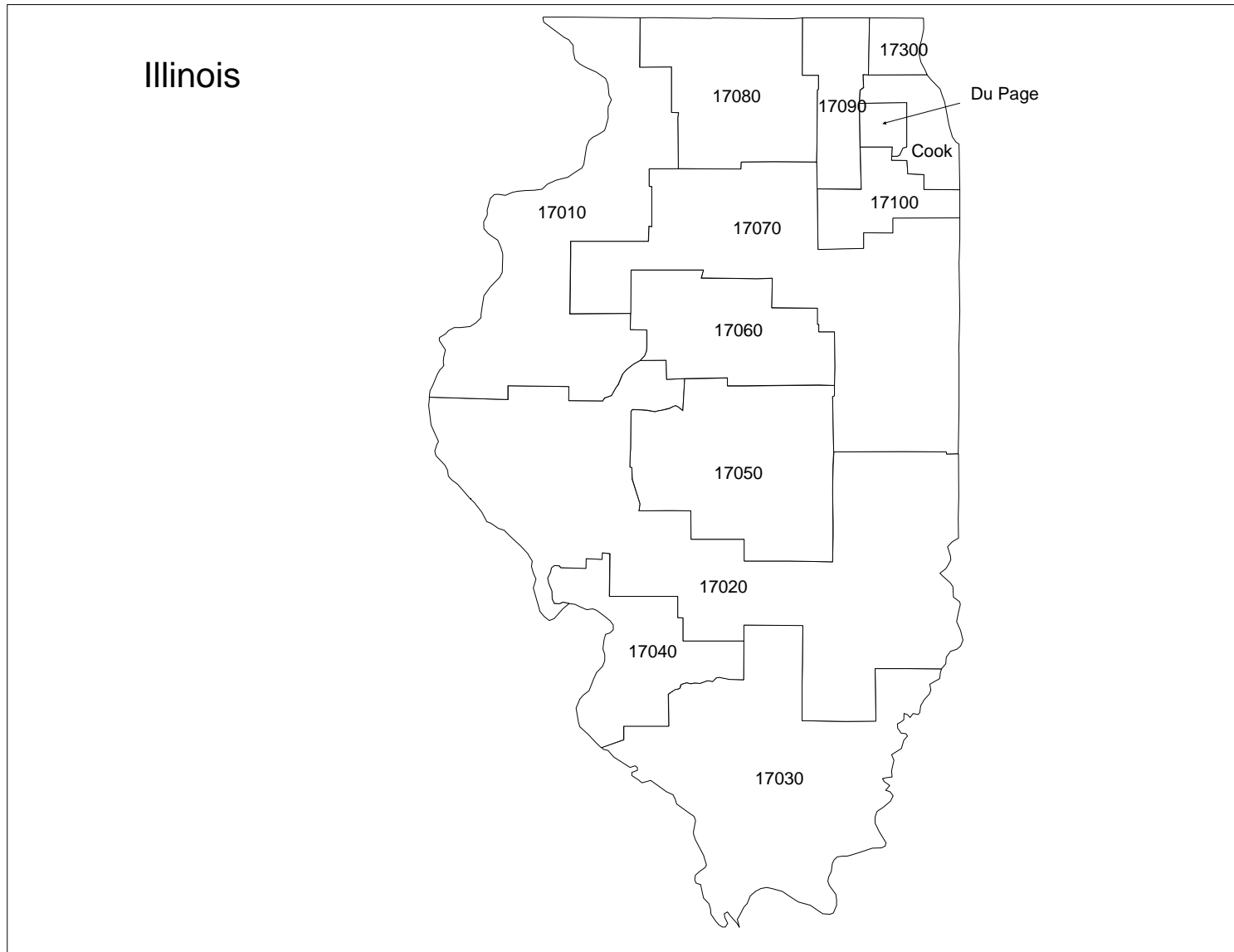
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**Idaho**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
16100	154,805	89,416	\$388	1.33	57.76
16200	151,156	77,592	\$424	1.97	51.33
16300	156,745	106,333	\$426	1.41	67.84



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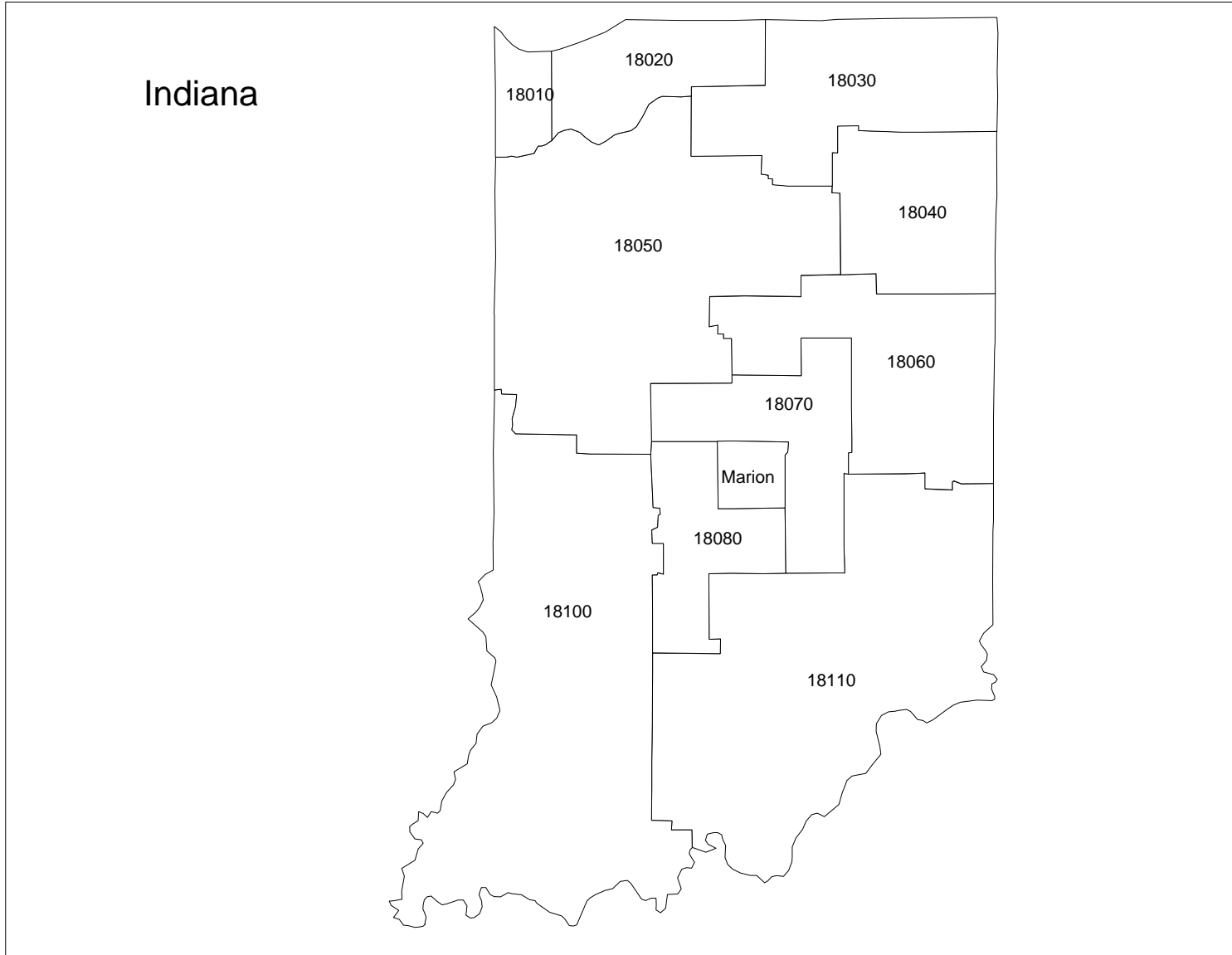


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**Illinois**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
17010	173,883	117,709	\$379	1.30	67.69
17020	216,618	156,135	\$361	1.48	72.08
17030	179,615	144,431	\$382	1.78	80.41
17040	225,152	189,313	\$422	1.65	84.08
17050	178,861	126,693	\$339	1.13	70.83
17060	187,798	140,474	\$365	1.06	74.80
17070	260,776	182,832	\$371	1.34	70.11
17080	201,579	118,039	\$396	1.12	58.56
17090	235,825	157,996	\$429	0.91	67.00
17100	179,373	132,901	\$533	1.09	74.09
17201	150,995	103,693	\$501	0.78	68.67
17202	173,312	122,982	\$544	1.00	70.96
17300	211,185	141,088	\$476	0.91	66.81
17401	226,623	143,771	\$406	0.85	63.44
17402	171,592	112,162	\$439	0.75	65.37
17403	173,514	110,817	\$501	1.18	63.87
17404	175,907	124,925	\$440	1.09	71.02
17405	155,910	120,872	\$468	1.57	77.53
17501	232,751	39,280	\$438	0.86	16.88
17502	184,139	97,434	\$370	1.20	52.91
17503	231,077	53,074	\$522	1.89	22.97
17504	230,033	96,032	\$423	1.37	41.75
17505	152,059	101,348	\$415	1.61	66.65

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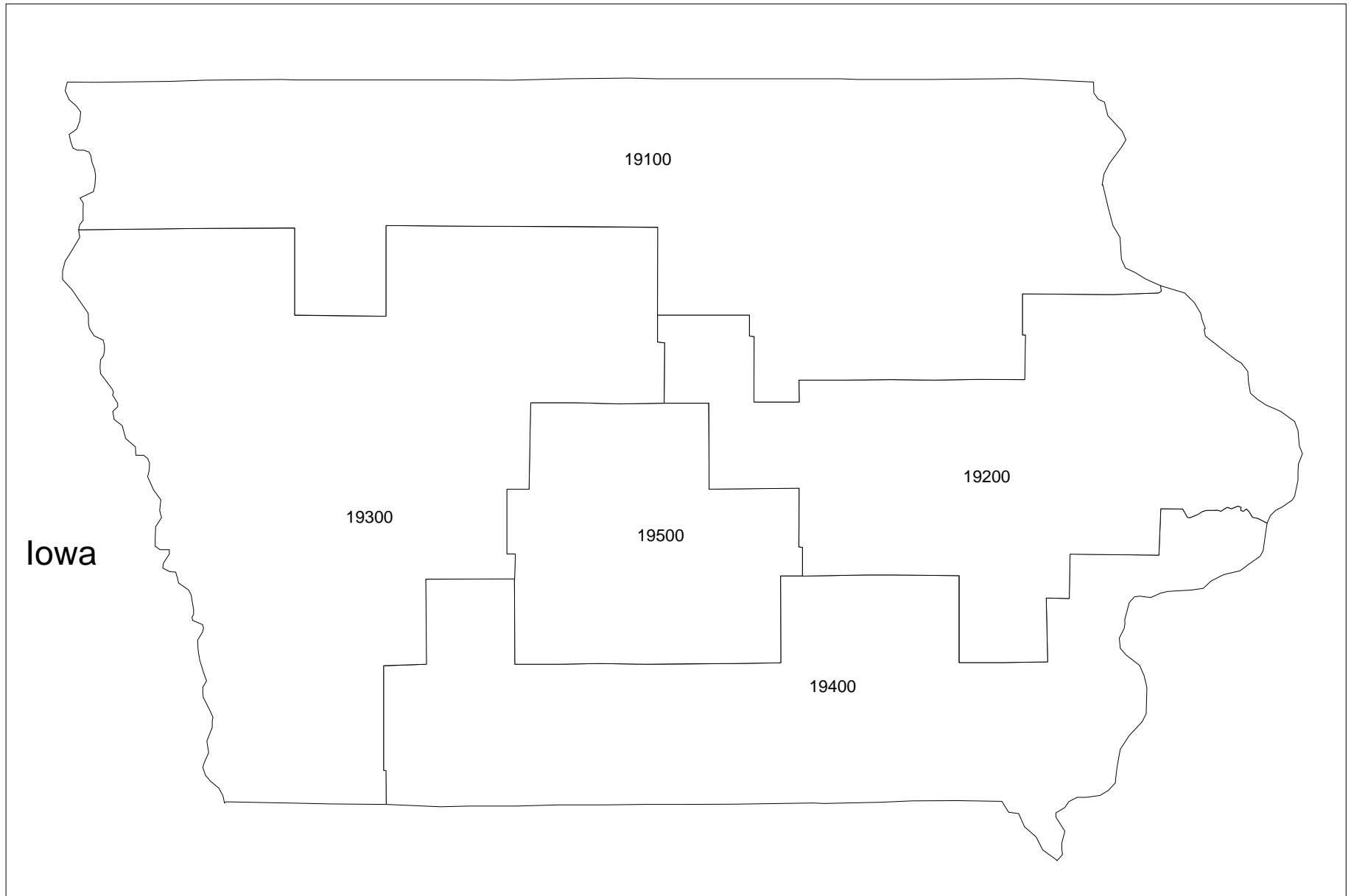


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**Indiana**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
18010	177,248	127,511	\$494	1.71	71.94
18020	197,876	101,501	\$489	1.74	51.30
18030	164,896	69,576	\$432	1.44	42.19
18040	175,508	109,912	\$424	1.27	62.63
18050	189,964	83,337	\$417	1.37	43.87
18060	186,618	102,957	\$442	1.82	55.17
18070	173,049	101,175	\$470	1.18	58.47
18080	147,501	95,381	\$431	1.13	64.66
18091	189,239	121,754	\$334	0.96	64.34
18092	155,833	97,991	\$338	1.25	62.88
18100	279,388	201,353	\$431	1.62	72.07
18110	264,272	192,669	\$400	1.42	72.91

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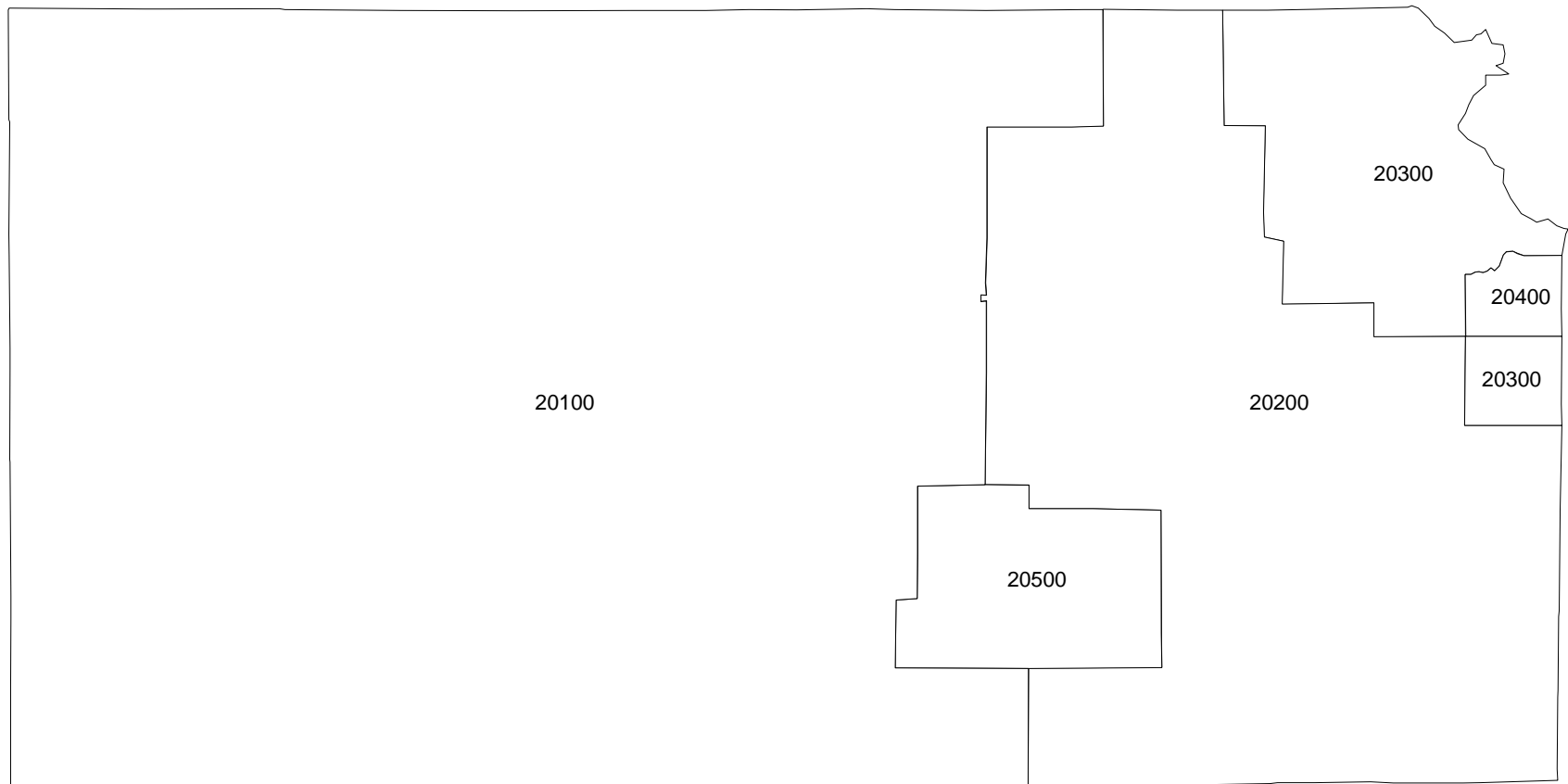
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**Iowa**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
19100	221,448	145,613	\$368	1.29	65.75
19200	264,155	174,047	\$425	1.34	65.89
19300	203,387	139,720	\$416	1.54	68.70
19400	201,014	155,084	\$431	1.54	77.15
19500	245,362	182,202	\$455	1.18	74.26

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# Kansas



The Cost of Water and Wastewater Service in the United States - Appendix

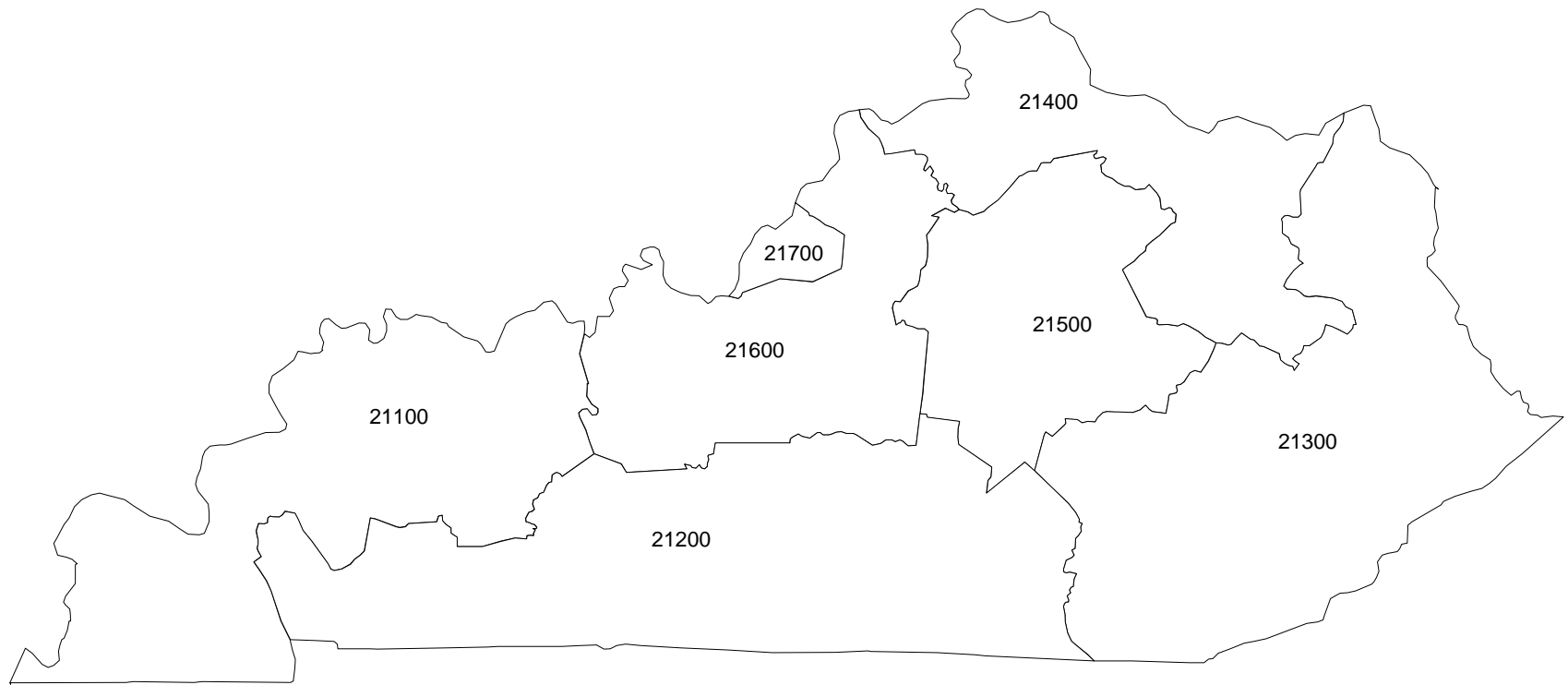
**Kansas**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
20100	217,288	154,301	\$401	1.61	71.01
20200	196,433	151,603	\$423	1.84	77.18
20300	224,795	171,489	\$464	1.63	76.29
20400	174,625	141,293	\$455	0.84	80.91
20500	209,243	159,101	\$352	1.05	76.04



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Kentucky



The Cost of Water and Wastewater Service in the United States - Appendix

**Kentucky**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
21100	200,301	151,352	\$372	1.67	75.56
21200	209,208	166,841	\$368	1.81	79.75
21300	247,554	158,212	\$372	2.08	63.91
21400	193,020	146,657	\$368	1.11	75.98
21500	271,135	215,879	\$386	1.36	79.62
21600	149,198	120,227	\$414	1.48	80.58
21700	282,023	197,526	\$424	1.47	70.04

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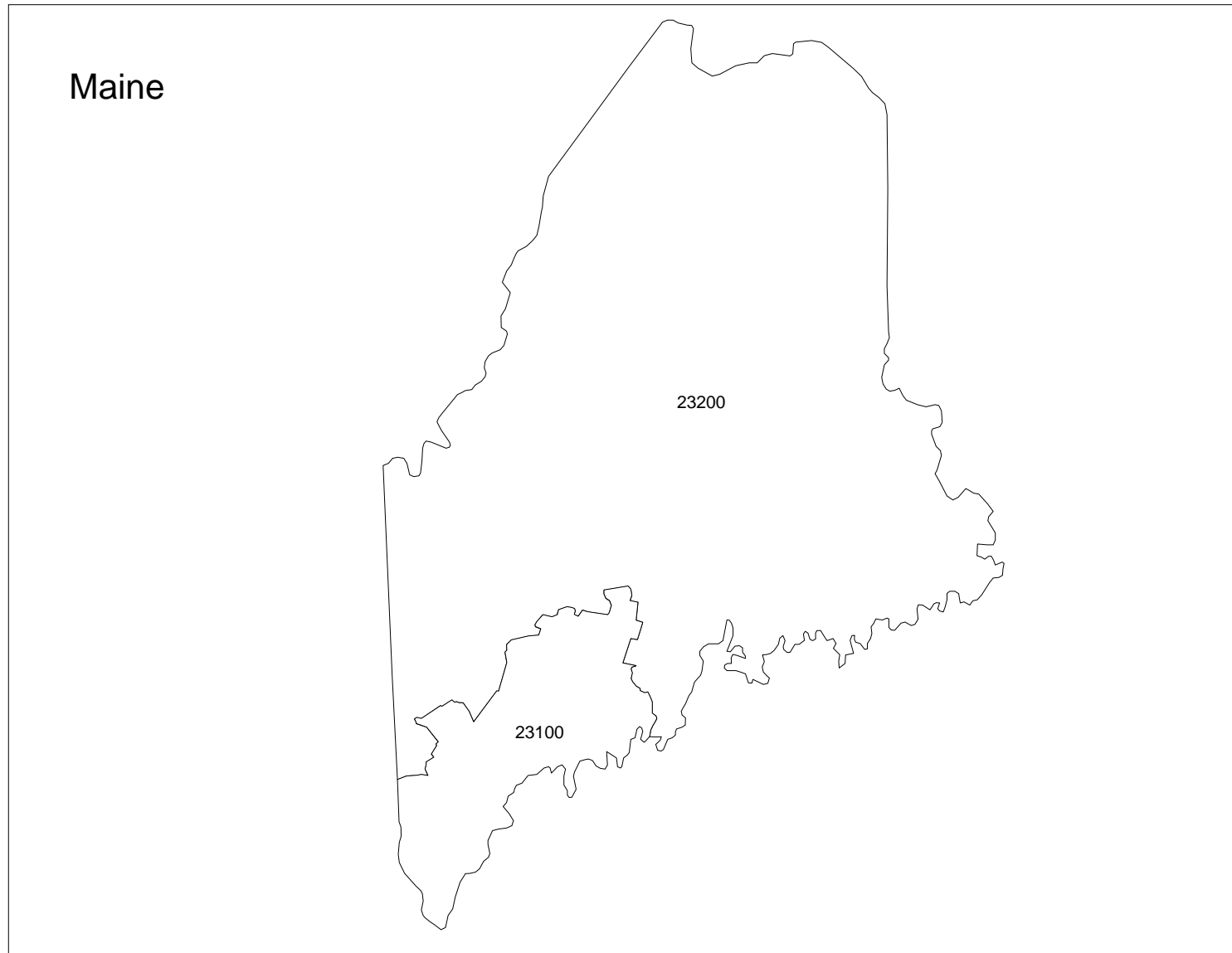


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**Louisiana**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
22100	208,739	157,017	\$385	1.97	75.22
22200	154,984	133,813	\$369	2.47	86.34
22300	164,499	125,082	\$317	1.51	76.04
22400	167,908	127,974	\$334	1.99	76.22
22500	146,716	120,792	\$312	1.90	82.33
22600	213,941	160,364	\$393	1.58	74.96
22701	189,431	134,637	\$403	1.65	71.07
22702	171,098	132,600	\$400	1.45	77.50
22800	180,096	120,958	\$554	2.68	67.16

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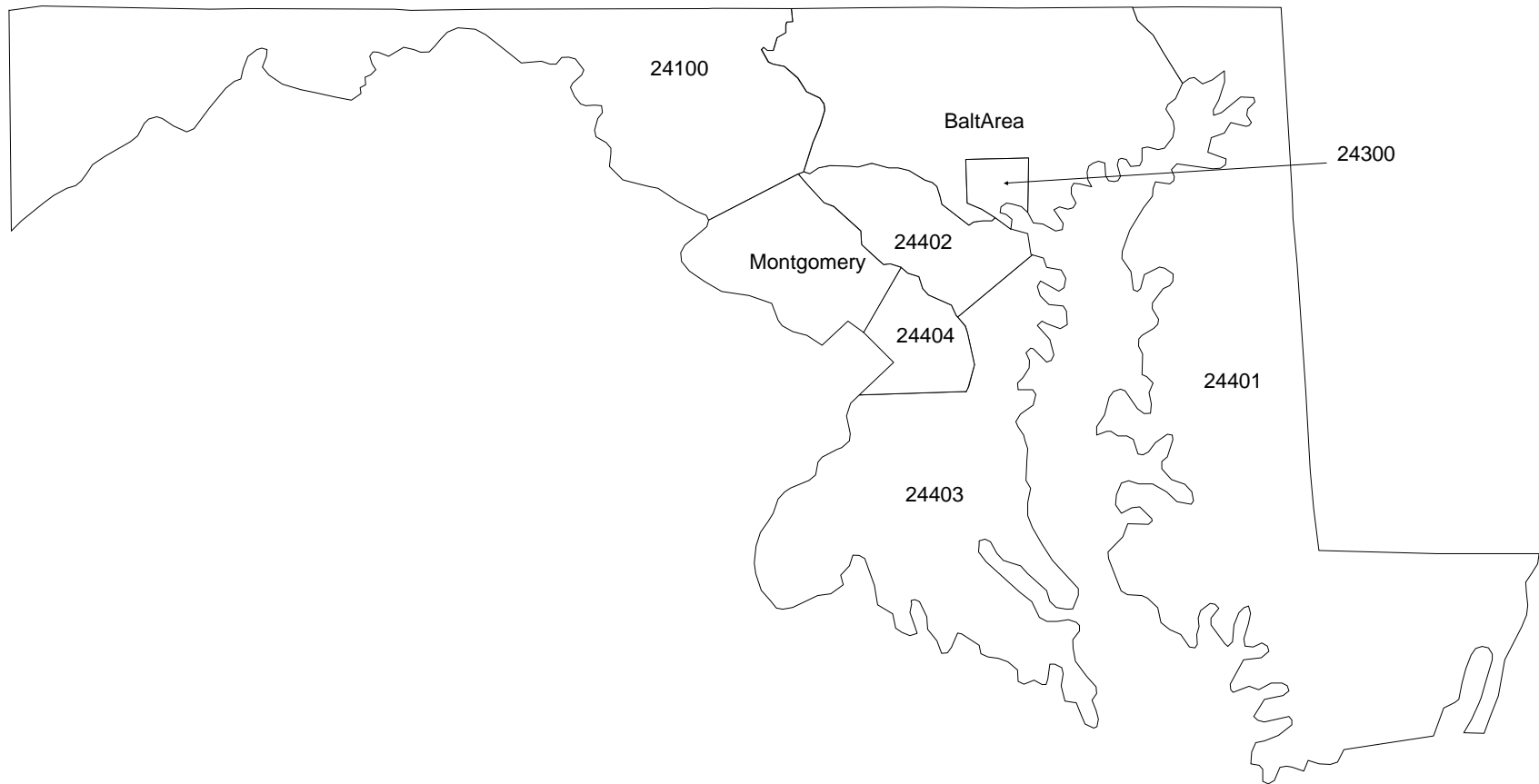
The Cost of Water and Wastewater Service in the United States - Appendix

**Maine**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
23100	297,402	117,498	\$429	1.26	39.51
23200	216,005	65,139	\$429	1.64	30.16

The Cost of Water and Wastewater Service in the United States - Appendix

Maryland



The Cost of Water and Wastewater Service in the United States - Appendix

**Maryland**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
24100	157,754	83,460	\$442	1.35	52.91
24201	170,485	75,241	\$376	0.82	44.13
24202	255,170	158,310	\$179	0.44	62.04
24300	240,577	143,184	\$336	1.49	59.52
24401	196,755	86,940	\$476	1.29	44.19
24402	173,094	115,265	\$380	0.79	66.59
24403	190,984	106,195	\$510	0.98	55.60
24404	242,787	147,424	\$558	1.18	60.72
24501	156,965	101,854	\$551	0.93	64.89
24502	165,345	116,737	\$606	0.96	70.60



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Massachusetts

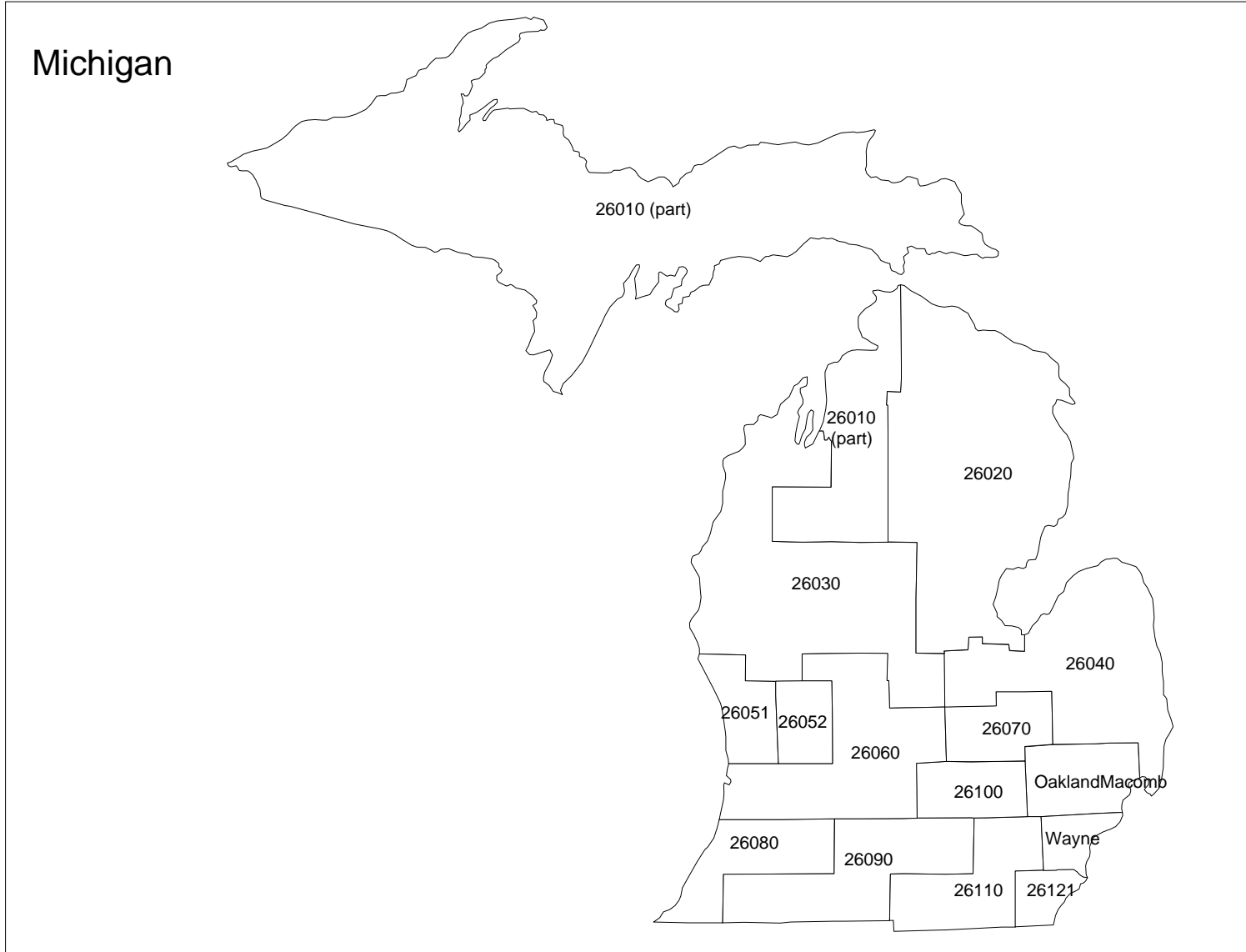


The Cost of Water and Wastewater Service in the United States - Appendix

**Massachusetts**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
25010	185,949	91,949	\$339	0.97	49.45
25020	191,895	119,125	\$461	0.90	62.08
25030	194,695	113,852	\$478	1.37	58.48
25040	175,588	106,082	\$577	1.52	60.42
25050	157,330	99,641	\$689	1.38	63.33
25060	191,933	93,674	\$407	0.98	48.81
25070	182,997	98,624	\$388	1.11	53.89
25080	168,632	60,226	\$799	2.45	35.71
25090	227,526	57,807	\$779	1.95	25.41
25100	171,494	102,520	\$743	1.35	59.78
25110	174,616	112,739	\$513	1.13	64.56
25120	216,450	147,082	\$398	0.97	67.95
25130	155,151	76,048	\$414	1.28	49.02

The Cost of Water and Wastewater Service in the United States - Appendix

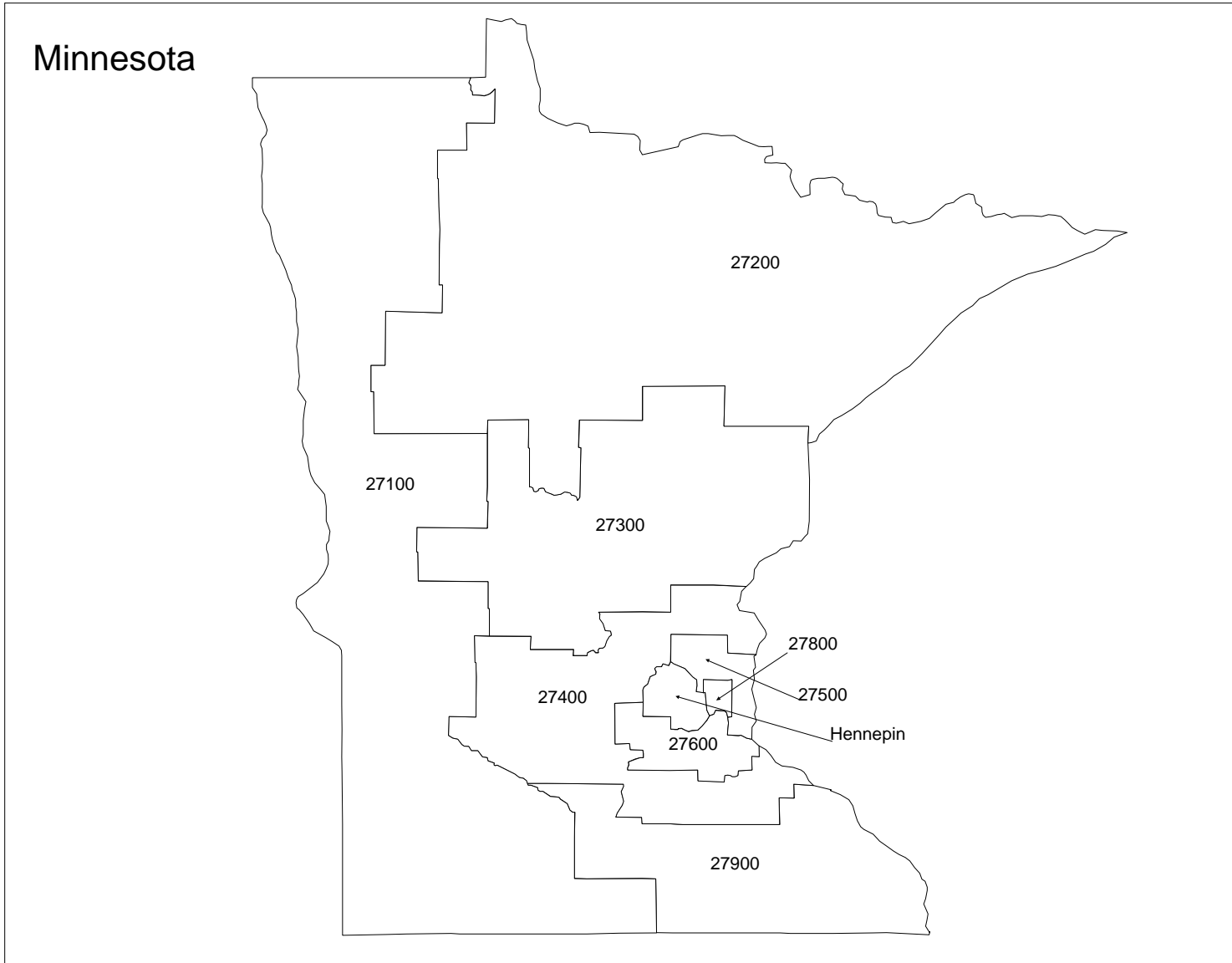


The Cost of Water and Wastewater Service in the United States - Appendix

**Michigan**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
26010	182,648	78,331	\$412	1.76	42.89
26020	177,926	71,742	\$403	1.38	40.32
26030	165,667	42,011	\$351	1.28	25.36
26040	222,876	116,012	\$444	1.57	52.05
26051	193,817	108,837	\$323	0.88	56.15
26052	158,826	84,706	\$481	1.34	53.33
26060	163,615	57,668	\$356	1.13	35.25
26070	191,695	120,161	\$420	1.75	62.68
26080	185,368	85,961	\$350	1.15	46.37
26090	166,116	69,979	\$350	1.17	42.13
26100	162,958	75,953	\$453	1.61	46.61
26110	176,426	80,346	\$399	1.03	45.54
26121	197,684	145,015	\$404	1.10	73.36
26122	166,371	117,147	\$480	1.06	70.41
26123	166,339	137,140	\$428	1.49	82.45
26124	273,631	182,324	\$508	2.55	66.63
26131	187,684	86,519	\$430	0.88	46.10
26132	184,948	121,678	\$385	0.81	65.79
26133	207,915	160,988	\$389	1.12	77.43
26134	188,724	125,688	\$489	0.90	66.60

The Cost of Water and Wastewater Service in the United States - Appendix

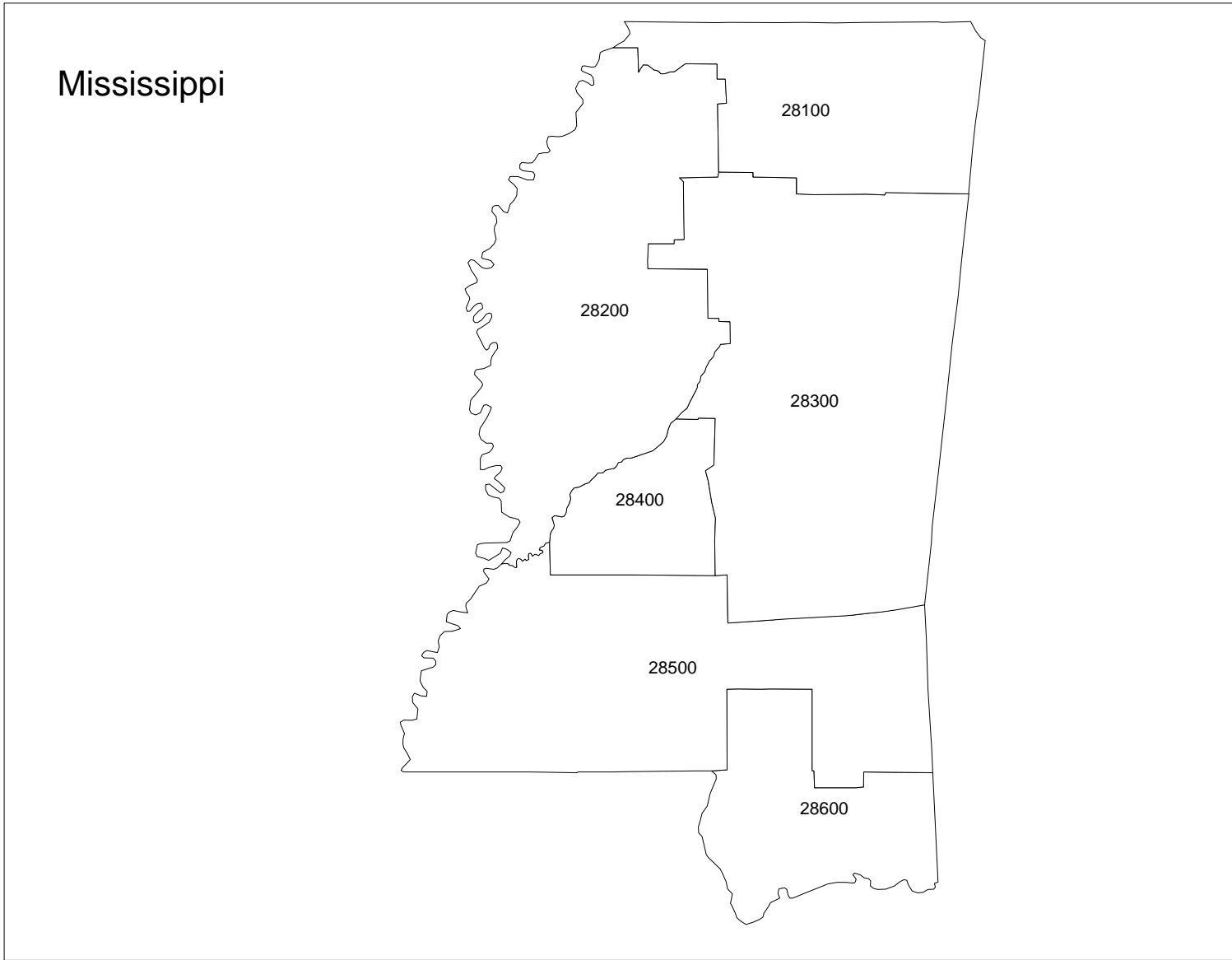


The Cost of Water and Wastewater Service in the United States - Appendix

**Minnesota**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
27100	190,827	110,912	\$377	1.47	58.12
27200	163,682	68,371	\$373	1.44	41.77
27300	161,384	58,661	\$336	1.04	36.35
27400	170,466	74,285	\$404	1.15	43.58
27500	177,220	114,643	\$394	0.72	64.69
27600	183,285	124,636	\$383	0.69	68.00
27710	241,325	170,255	\$395	0.76	70.55
27720	209,626	113,234	\$497	1.26	54.02
27800	199,870	120,967	\$385	0.91	60.52
27900	178,736	102,457	\$320	1.06	57.32

The Cost of Water and Wastewater Service in the United States - Appendix



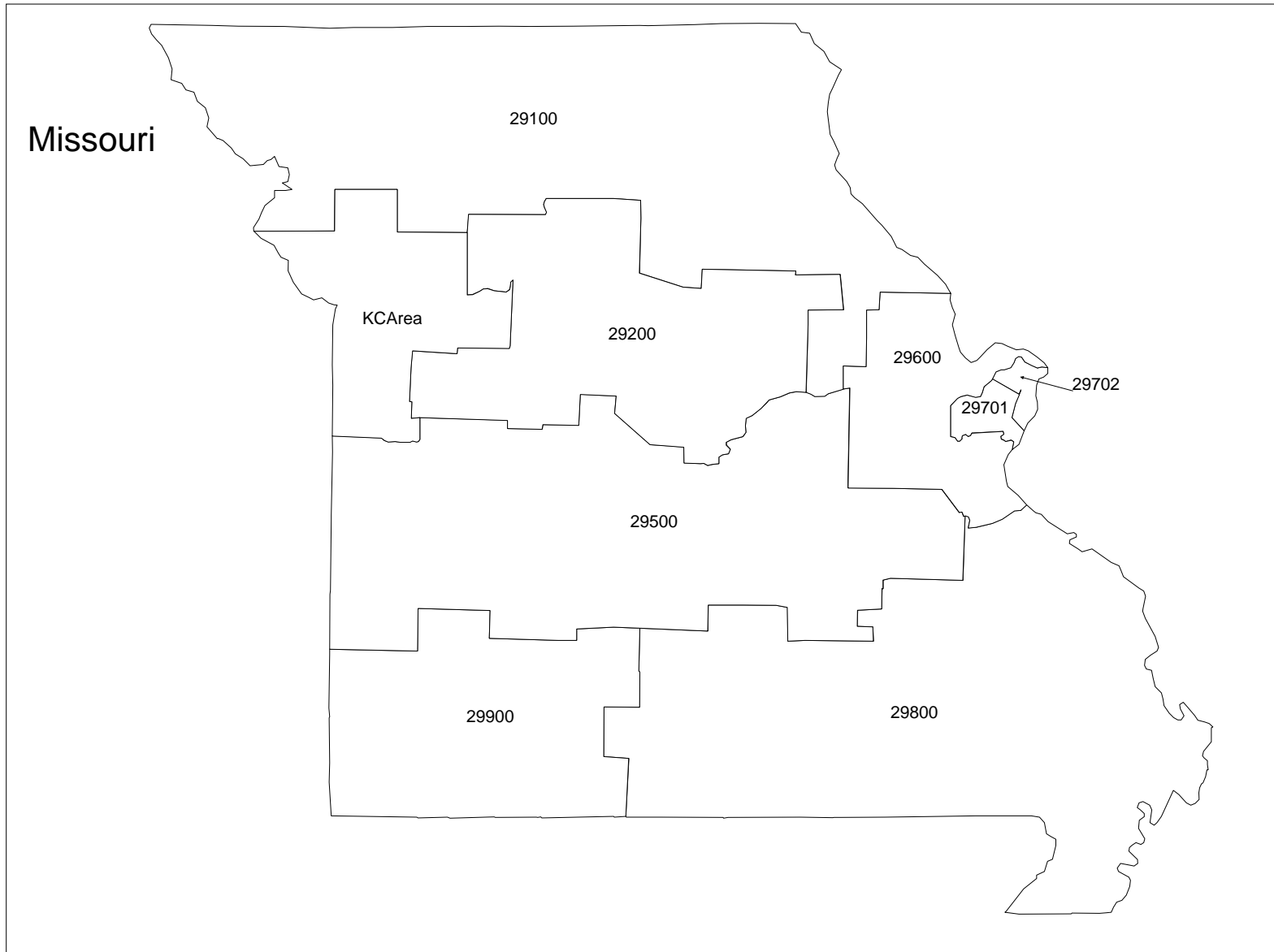
The Cost of Water and Wastewater Service in the United States - Appendix

**Mississippi**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
28100	159,155	125,460	\$316	1.41	78.83
28200	138,027	106,181	\$376	2.43	76.93
28300	204,178	174,164	\$327	1.95	85.30
28400	161,116	131,159	\$457	1.76	81.41
28500	143,120	118,238	\$343	2.05	82.61
28600	204,595	128,238	\$426	1.84	62.68



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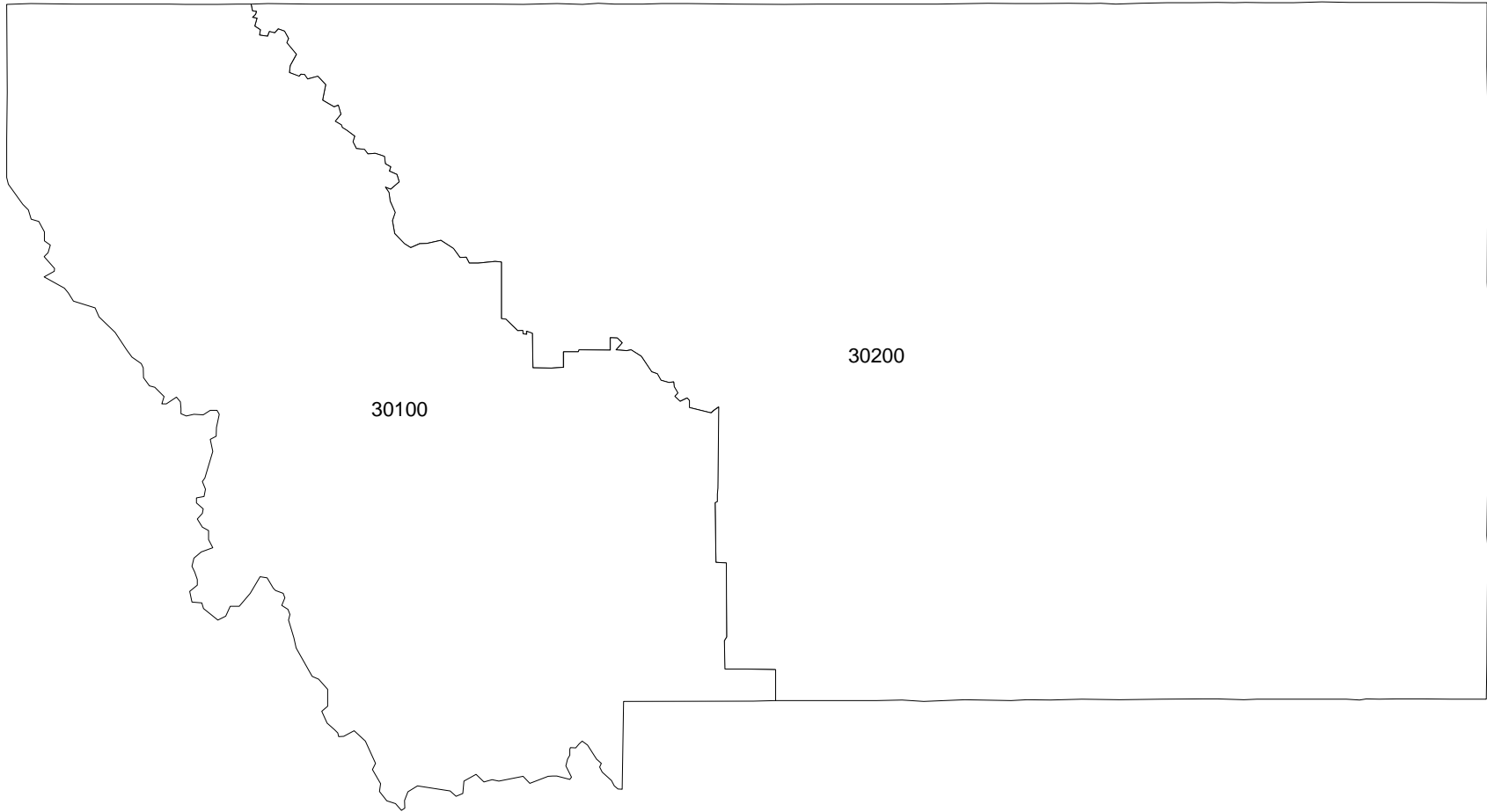
The Cost of Water and Wastewater Service in the United States - Appendix

**Missouri**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
29100	161,659	129,617	\$411	1.87	80.18
29200	171,786	123,299	\$357	1.32	71.77
29300	240,575	201,742	\$484	1.48	83.86
29400	176,659	126,469	\$461	1.59	71.59
29500	171,218	82,245	\$330	1.58	48.04
29600	229,210	161,665	\$378	0.94	70.53
29701	252,955	185,126	\$404	0.79	73.19
29702	286,110	188,545	\$384	1.59	65.90
29800	211,215	121,548	\$308	1.74	57.55
29900	254,921	150,756	\$316	1.31	59.14

The Cost of Water and Wastewater Service in the United States - Appendix

Montana



The Cost of Water and Wastewater Service in the United States - Appendix

**Montana**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
30100	195,648	82,327	\$399	1.63	42.08
30200	156,426	92,418	\$433	1.81	59.08

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Nebraska

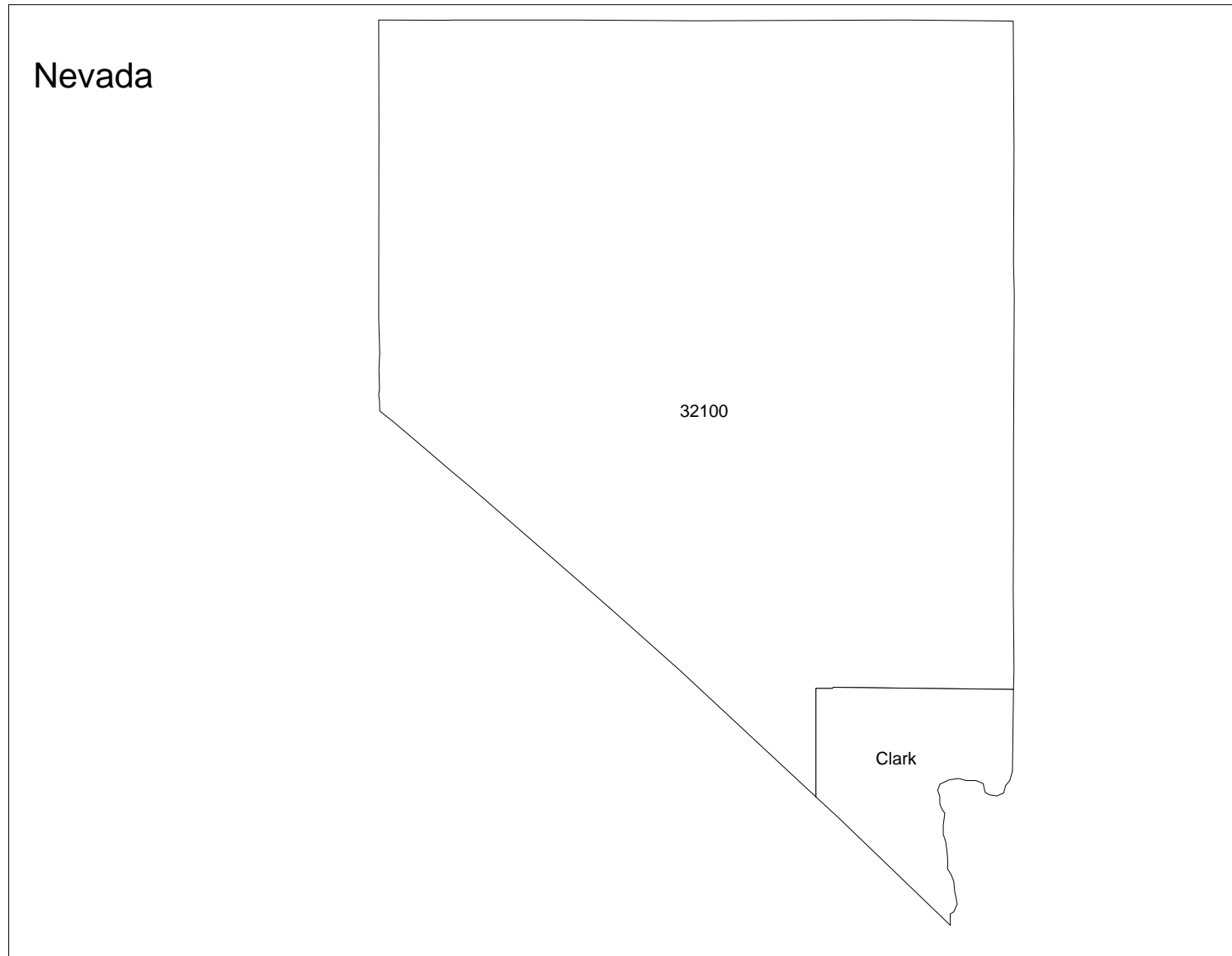


The Cost of Water and Wastewater Service in the United States - Appendix

**Nebraska**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
31100	169,559	104,500	\$354	1.42	61.63
31201	263,663	167,584	\$335	1.07	63.56
31202	223,233	142,003	\$317	1.00	63.61

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The Cost of Water and Wastewater Service in the United States - Appendix

**Nevada**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
32100	236,406	132,616	\$464	1.39	56.10
32201	153,398	105,510	\$498	1.11	68.78
32202	169,796	91,830	\$481	1.23	54.08
32203	176,494	114,773	\$450	1.11	65.03



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New Hampshire

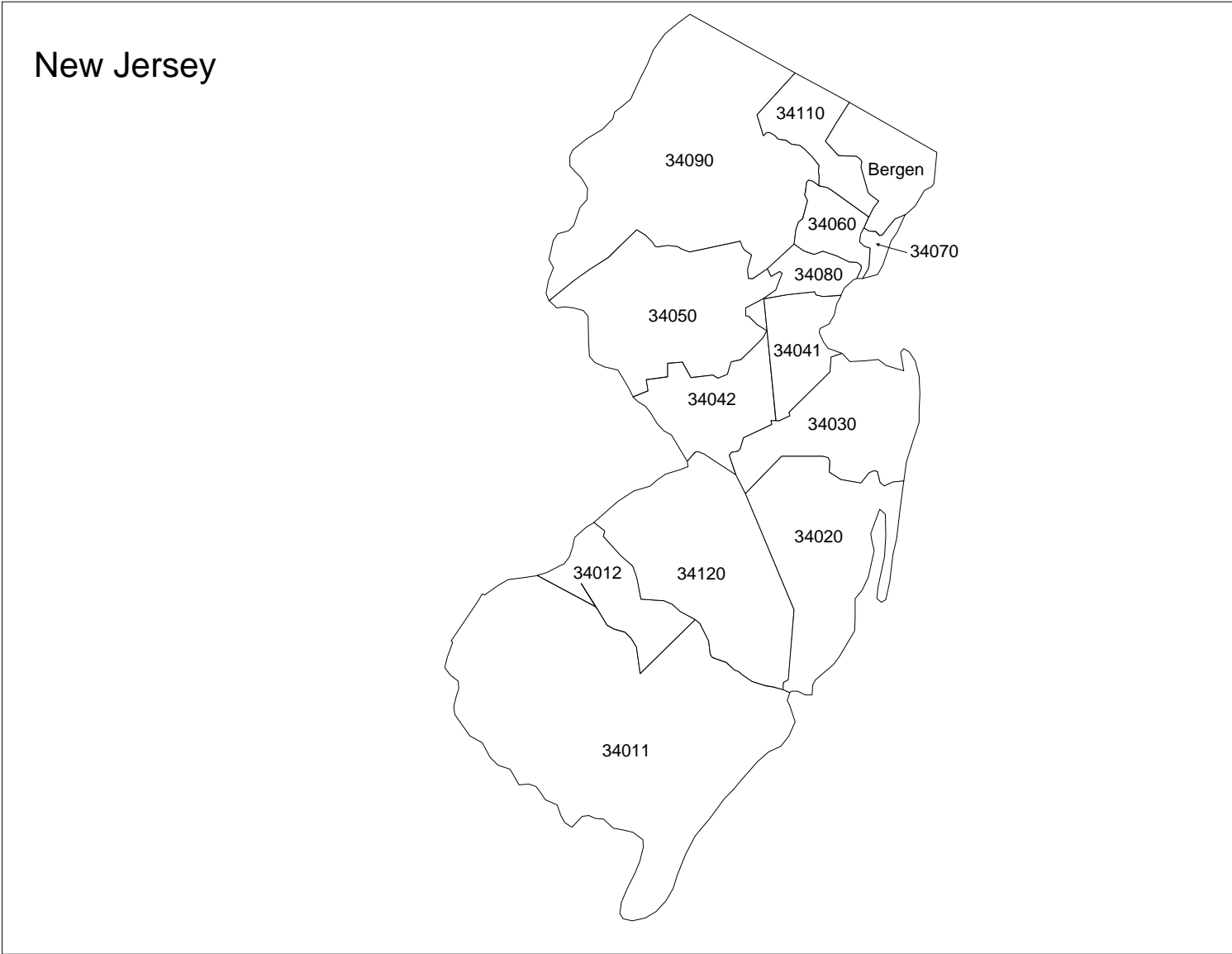


The Cost of Water and Wastewater Service in the United States - Appendix

**New Hampshire**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
33100	223,477	74,750	\$411	1.02	33.45
33200	246,542	92,351	\$409	0.98	37.46

The Cost of Water and Wastewater Service in the United States - Appendix

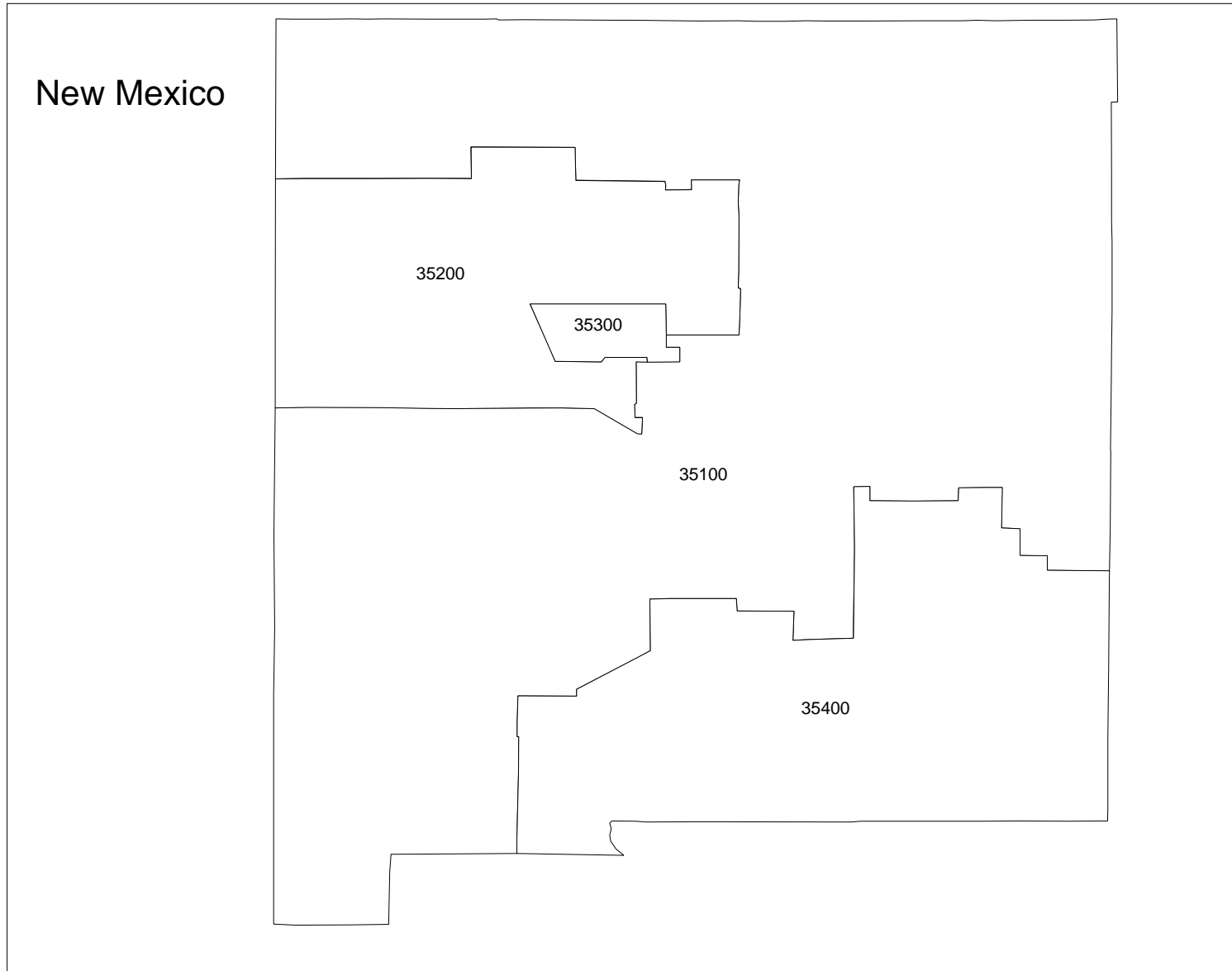


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**New Jersey**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
34011	251,256	129,839	\$571	1.73	51.68
34012	221,502	164,141	\$615	1.65	74.10
34020	196,869	159,792	\$589	1.68	81.17
34030	222,458	160,822	\$737	1.65	72.29
34041	202,275	135,189	\$494	1.09	66.83
34042	185,429	126,619	\$516	1.03	68.28
34050	150,828	96,502	\$565	0.94	63.98
34060	276,591	130,193	\$544	1.19	47.07
34070	221,063	63,648	\$723	2.53	28.79
34080	184,944	117,938	\$479	1.17	63.77
34090	259,262	151,709	\$566	1.01	58.52
34101	161,344	97,103	\$411	0.82	60.18
34102	168,623	115,128	\$473	0.77	68.28
34110	156,724	81,461	\$481	1.15	51.98
34120	152,146	106,700	\$566	1.38	70.13

The Cost of Water and Wastewater Service in the United States - Appendix

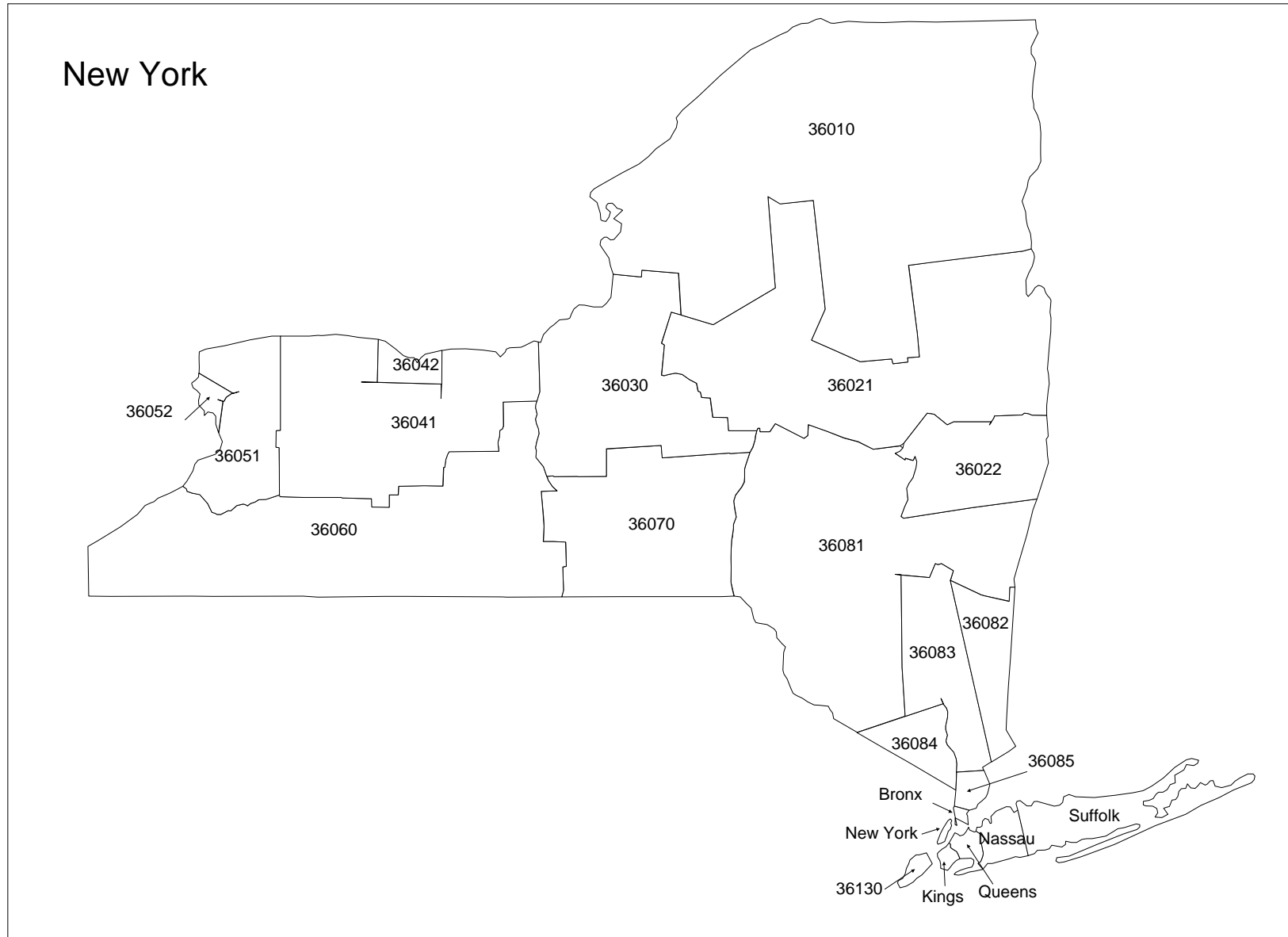


The Cost of Water and Wastewater Service in the United States - Appendix

**New Mexico**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
35100	166,808	108,303	\$410	2.07	64.93
35200	139,061	89,836	\$494	1.82	64.60
35300	214,802	138,713	\$526	1.49	64.58
35400	142,702	104,071	\$437	2.15	72.93

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The Cost of Water and Wastewater Service in the United States - Appendix

**New York**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
36010	152,520	51,774	\$380	1.27	33.95
36021	242,448	102,573	\$359	1.29	42.31
36022	280,183	139,135	\$298	0.85	49.66
36030	273,889	142,291	\$255	0.71	51.95
36041	252,146	148,690	\$341	0.85	58.97
36042	177,967	110,612	\$325	1.14	62.15
36051	251,127	181,551	\$307	0.80	72.29
36052	212,070	133,800	\$432	1.74	63.09
36060	191,482	88,291	\$353	1.54	46.11
36070	186,056	73,424	\$319	1.16	39.46
36081	171,730	45,151	\$382	1.12	26.29
36082	166,506	71,357	\$476	0.75	42.86
36083	148,788	58,616	\$375	1.05	39.40
36084	127,553	81,016	\$509	1.00	63.52
36085	241,304	104,814	\$442	0.76	43.44
36091	238,266	50,743	\$810	2.31	21.30
36092	193,170	9,966	\$886	2.57	5.16
36101	193,399	2,880	\$697	2.81	1.49
36102	237,661	3,842	\$924	4.46	1.62
36103	274,192	4,021	\$576	1.02	1.47
36111	215,479	38,855	\$867	2.47	18.03
36112	184,782	69,335	\$646	1.56	37.52
36113	158,328	80,332	\$845	3.28	50.74
36114	198,585	73,896	\$755	2.29	37.21
36121	156,124	22,907	\$952	3.77	14.67
36122	186,220	38,685	\$841	2.43	20.77
36123	177,242	34,527	\$962	2.93	19.48
36124	163,016	62,612	\$775	1.94	38.41
36125	156,095	35,832	\$839	3.15	22.96
36130	153,673	91,235	\$616	1.32	59.37
36141	151,233	119,088	\$331	0.60	78.74
36142	143,266	116,449	\$375	0.69	81.28
36143	145,834	113,581	\$476	0.94	77.88
36151	144,429	121,655	\$305	0.72	84.23

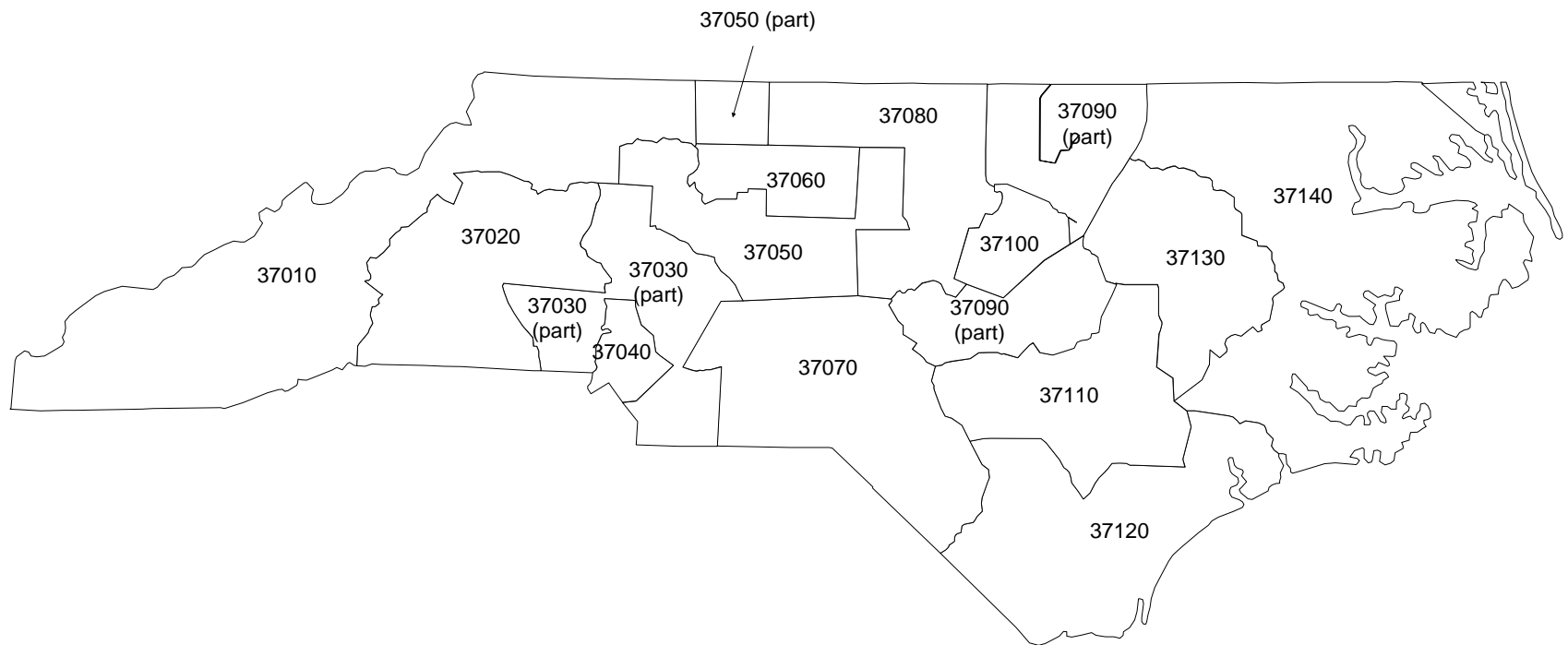


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**New York**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
36152	167,888	132,046	\$355	0.81	78.65
36153	154,612	102,275	\$323	0.77	66.15

# North Carolina



The Cost of Water and Wastewater Service in the United States - Appendix

**North Carolina**

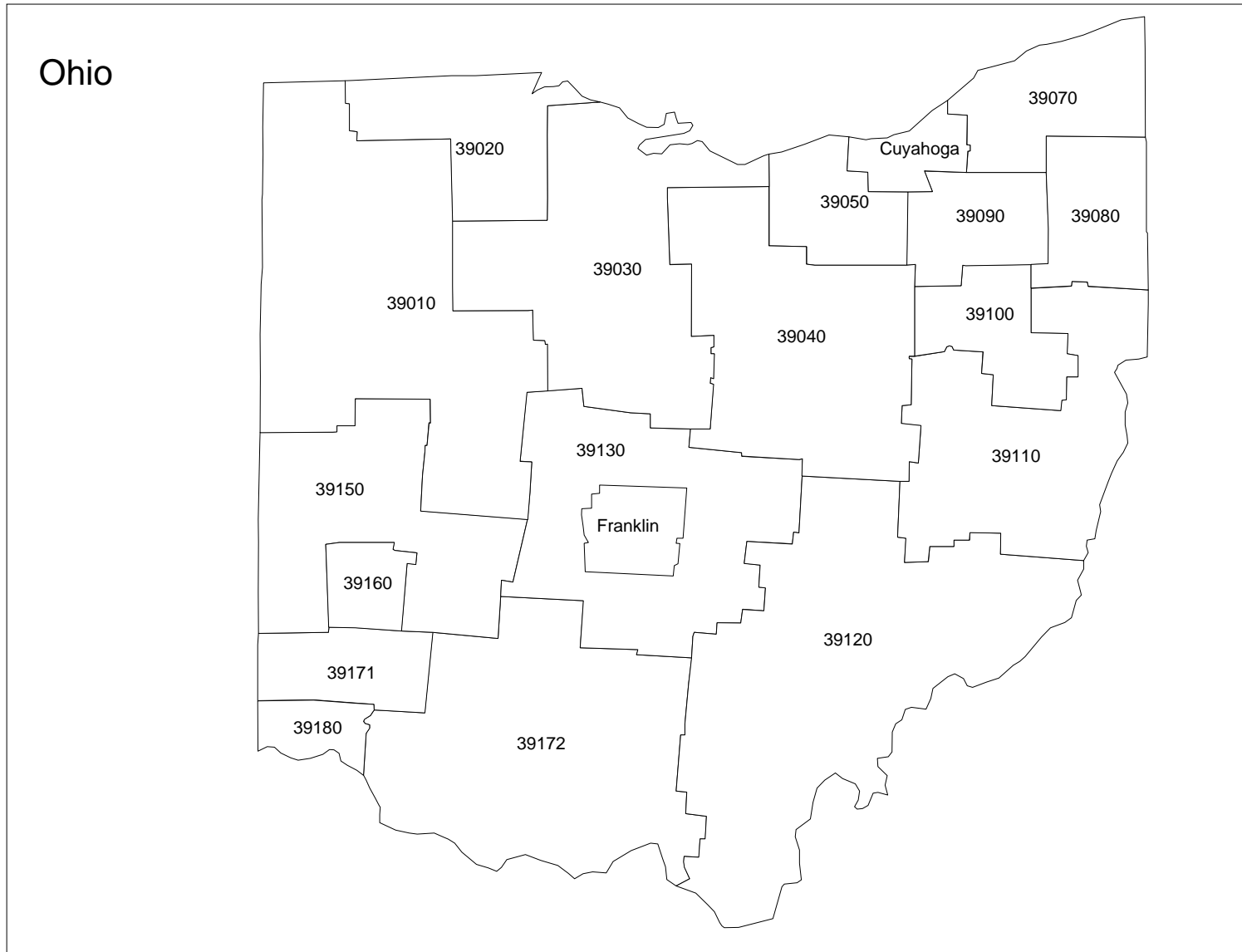
PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
37010	317,633	132,407	\$365	1.69	41.69
37020	213,718	113,038	\$331	1.20	52.89
37030	288,557	151,089	\$404	1.34	52.36
37040	267,654	176,285	\$381	0.93	65.86
37050	200,526	115,336	\$320	1.14	57.52
37060	288,128	179,790	\$322	1.00	62.40
37070	153,344	95,431	\$368	1.64	62.23
37080	211,705	104,442	\$448	1.66	49.33
37090	152,820	75,281	\$455	1.78	49.26
37100	242,376	161,088	\$439	0.98	66.46
37110	186,615	114,463	\$360	1.65	61.34
37120	193,786	112,002	\$424	1.54	57.80
37130	161,954	99,543	\$359	1.66	61.46
37140	192,826	130,787	\$355	1.71	67.83

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**North Dakota**

<u>PUMA</u>	<u>Households</u>	<u>Households that Pay Directly for W/WW</u>	<u>Average Cost of W/WW</u>	<u>Average % of Income Spent for W/WW</u>	<u>Percent of Households that Pay Directly for W/WW</u>
38100	253,107	153,447	\$451	1.54	60.63

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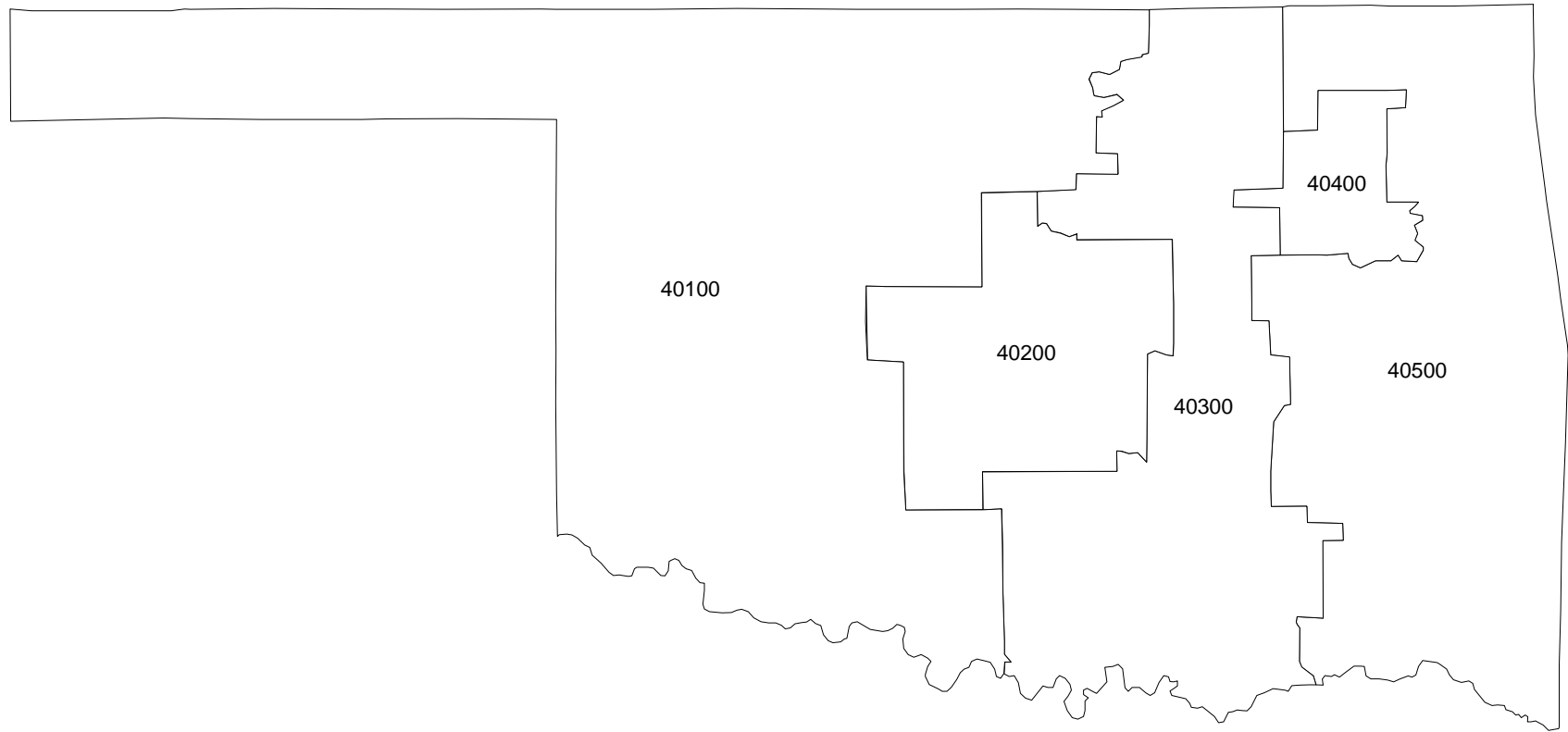


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**Ohio**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
39010	187,363	99,374	\$427	1.53	53.04
39020	242,738	153,584	\$357	1.07	63.27
39030	183,550	109,858	\$460	1.70	59.85
39040	176,943	91,832	\$404	1.51	51.90
39050	160,179	120,789	\$436	1.14	75.41
39061	205,938	152,315	\$516	1.19	73.96
39062	184,188	98,965	\$485	2.04	53.73
39063	167,217	113,737	\$560	1.48	68.02
39070	158,673	98,370	\$465	1.34	62.00
39080	192,903	129,945	\$507	1.90	67.36
39090	268,239	165,633	\$510	1.58	61.75
39100	158,091	93,055	\$381	1.29	58.86
39110	155,337	98,460	\$424	1.84	63.38
39120	177,393	122,195	\$416	1.92	68.88
39130	183,809	112,166	\$480	1.26	61.02
39141	179,883	119,469	\$471	0.96	66.41
39142	248,673	159,324	\$414	1.62	64.07
39150	200,475	116,537	\$437	1.43	58.13
39160	221,644	153,302	\$481	1.56	69.17
39171	221,780	174,391	\$500	1.25	78.63
39172	158,223	121,035	\$436	1.84	76.50
39180	338,781	211,366	\$475	1.28	62.39

# Oklahoma



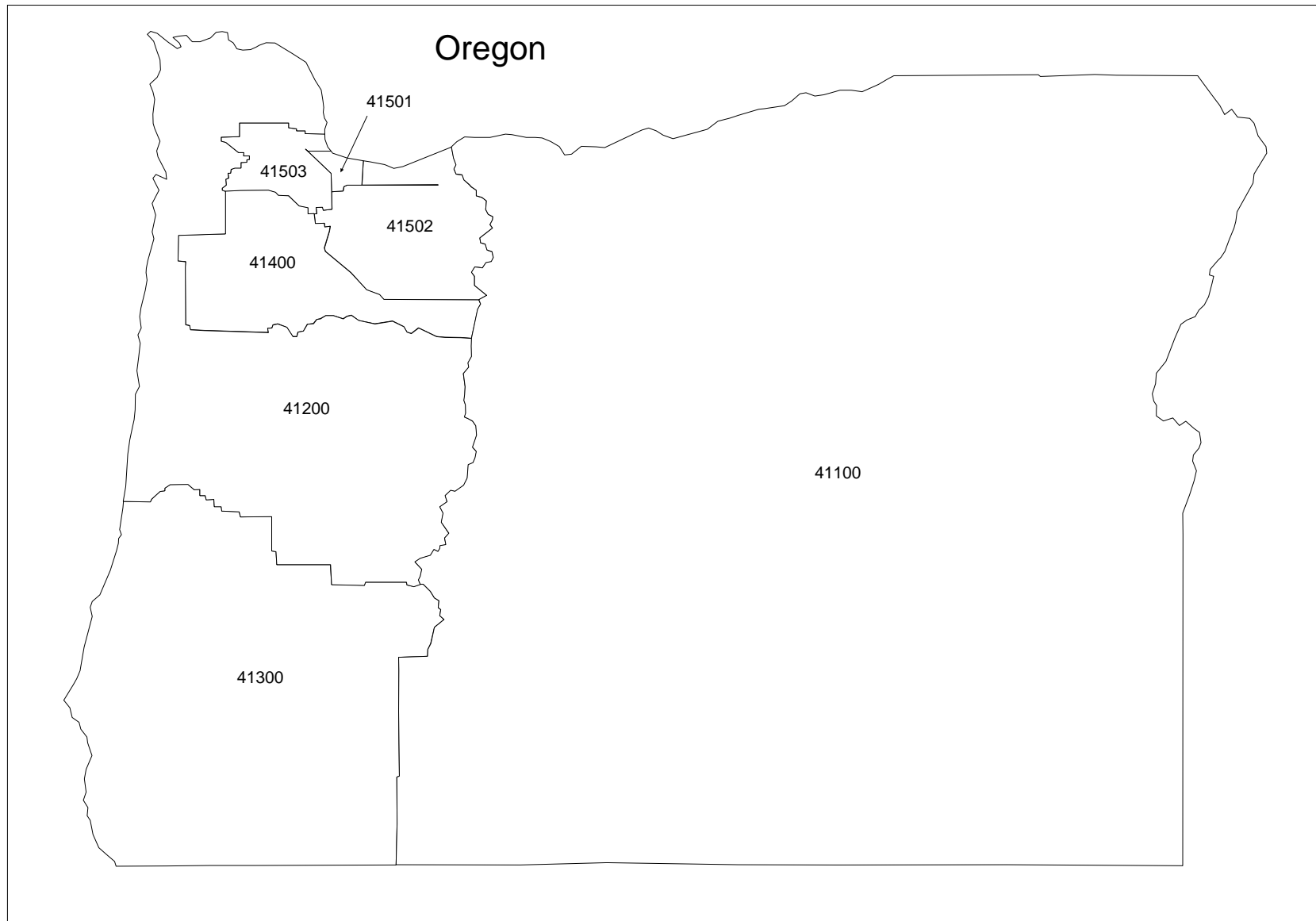
The Cost of Water and Wastewater Service in the United States - Appendix

**Oklahoma**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
40100	207,797	159,044	\$413	1.97	76.54
40201	197,214	137,021	\$502	2.04	69.48
40202	248,671	164,177	\$433	1.79	66.02
40300	168,108	127,314	\$408	1.94	75.73
40400	269,969	209,139	\$491	1.65	77.47
40500	220,659	168,728	\$396	1.93	76.47



The Cost of Water and Wastewater Service in the United States - Appendix



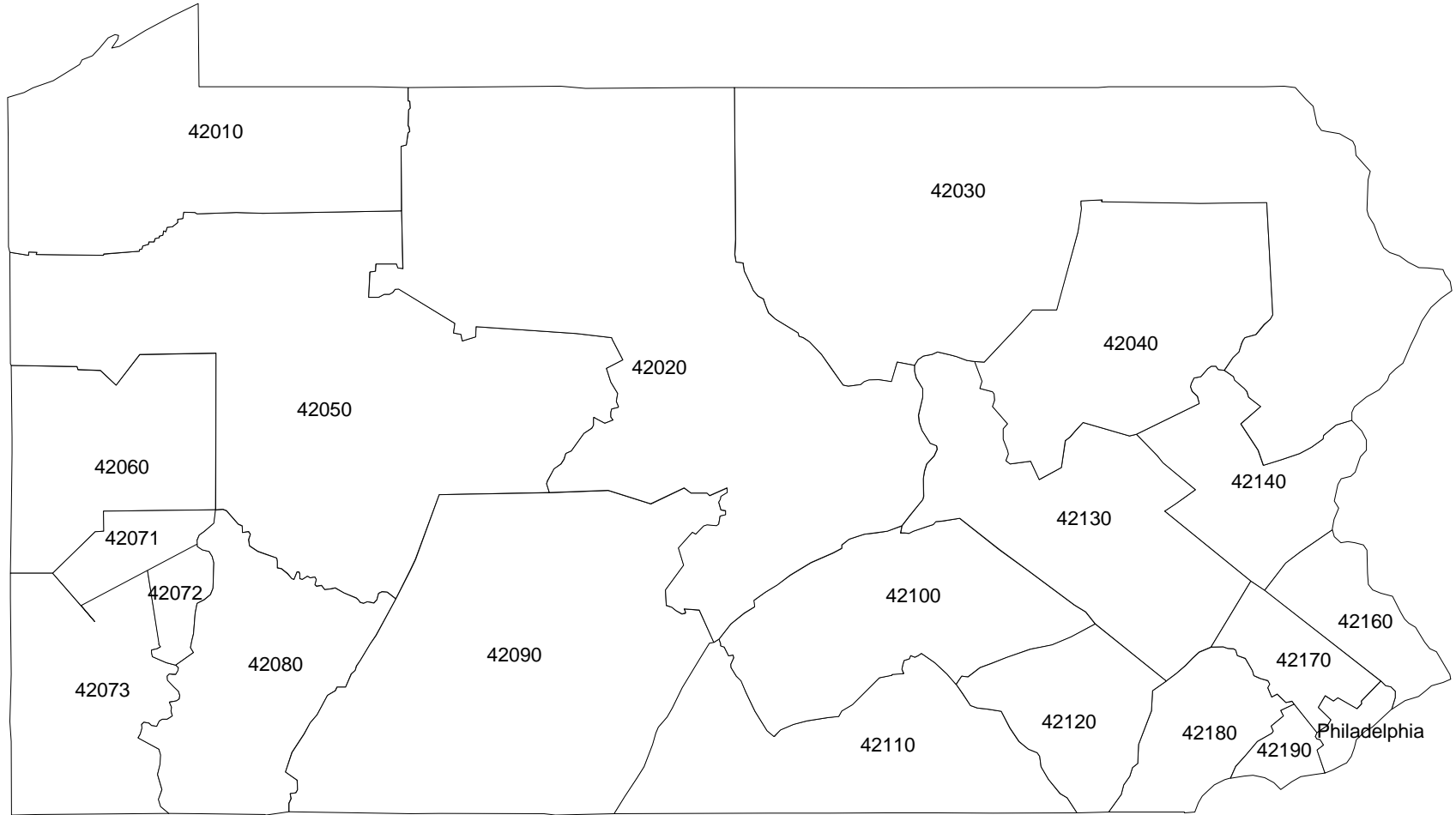
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**Oregon**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
41100	168,414	97,176	\$448	1.74	57.70
41200	256,846	144,678	\$420	1.39	56.33
41300	173,898	86,214	\$431	1.55	49.58
41400	150,070	86,783	\$526	1.57	57.83
41501	222,922	144,140	\$564	1.61	64.66
41502	162,973	100,405	\$487	1.12	61.61
41503	178,696	114,168	\$535	1.23	63.89

The Cost of Water and Wastewater Service in the United States - Appendix

Pennsylvania



The Cost of Water and Wastewater Service in the United States - Appendix

**Pennsylvania**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
42010	158,664	88,054	\$454	1.77	55.50
42020	160,172	89,757	\$465	1.86	56.04
42030	191,733	67,932	\$458	1.74	35.43
42040	246,466	160,931	\$534	2.17	65.30
42050	200,630	111,069	\$463	1.96	55.36
42060	170,089	103,333	\$486	1.77	60.75
42071	196,223	143,698	\$489	1.57	73.23
42072	185,812	134,823	\$490	1.83	72.56
42073	239,113	178,538	\$516	1.85	74.67
42080	207,258	156,902	\$419	1.74	75.70
42090	186,198	115,910	\$493	1.93	62.25
42100	246,847	135,841	\$541	1.67	55.03
42110	228,443	126,769	\$453	1.38	55.49
42120	172,192	98,417	\$428	1.13	57.16
42130	246,667	144,761	\$497	1.89	58.69
42140	242,752	149,607	\$460	1.42	61.63
42151	207,176	156,708	\$520	2.00	75.64
42152	143,418	96,897	\$503	2.85	67.56
42153	200,558	116,981	\$502	2.58	58.33
42160	216,195	142,493	\$502	1.02	65.91
42170	281,618	198,194	\$532	1.12	70.38
42180	156,394	84,261	\$569	1.15	53.88
42190	202,763	152,735	\$484	1.26	75.33

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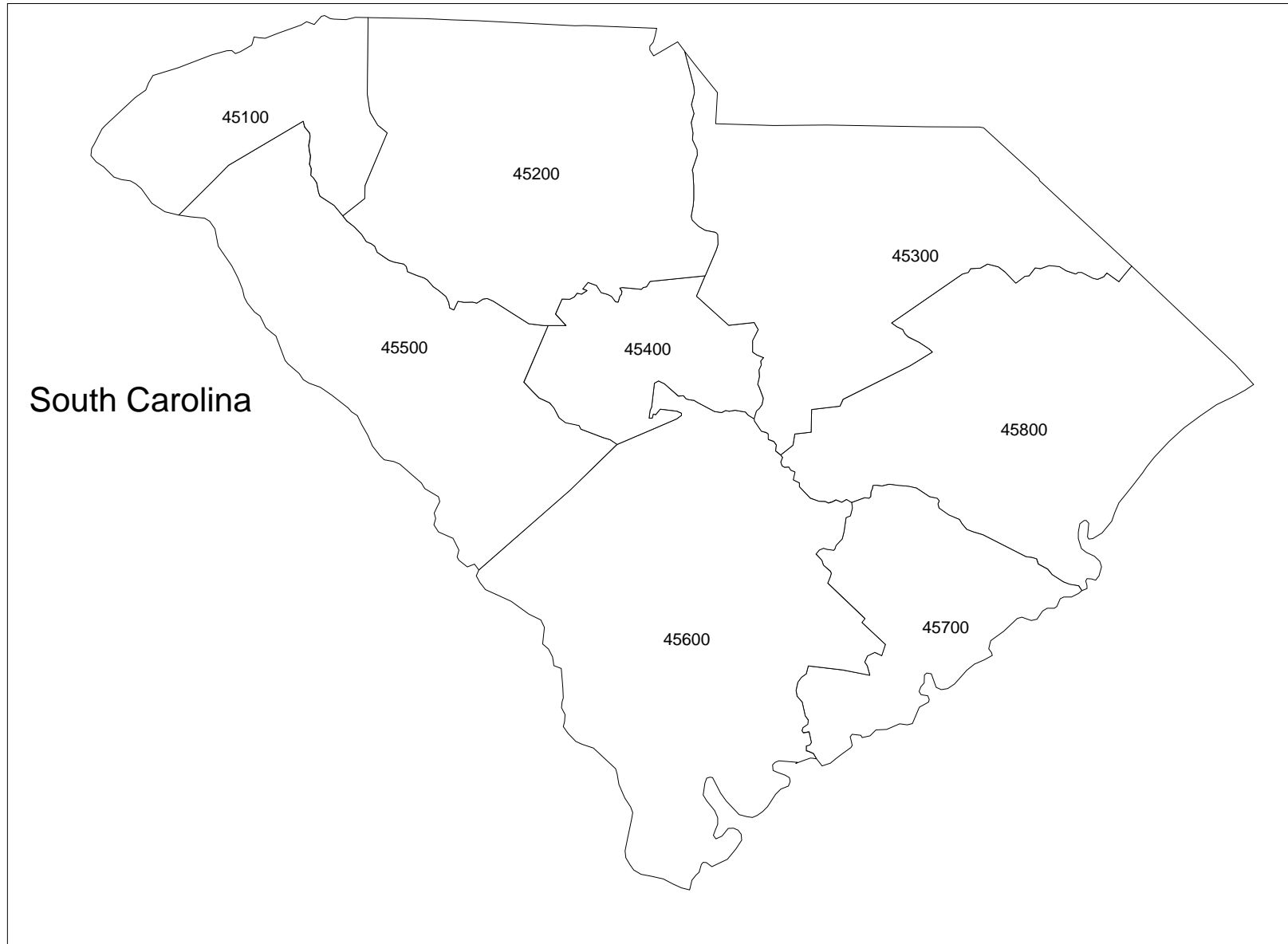


The Cost of Water and Wastewater Service in the United States - Appendix

**Rhode Island**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
44100	235,917	113,098	\$448	1.44	47.94
44200	164,871	99,761	\$389	1.12	60.51

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The Cost of Water and Wastewater Service in the United States - Appendix

**South Carolina**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
45100	214,541	159,222	\$394	1.36	74.22
45200	248,222	160,692	\$384	1.43	64.74
45300	146,571	100,816	\$387	2.06	68.78
45400	198,461	121,659	\$448	1.35	61.30
45500	174,114	122,103	\$366	1.45	70.13
45600	165,740	96,220	\$449	1.81	58.05
45700	166,431	114,056	\$534	1.78	68.53
45800	181,982	109,981	\$420	2.25	60.44



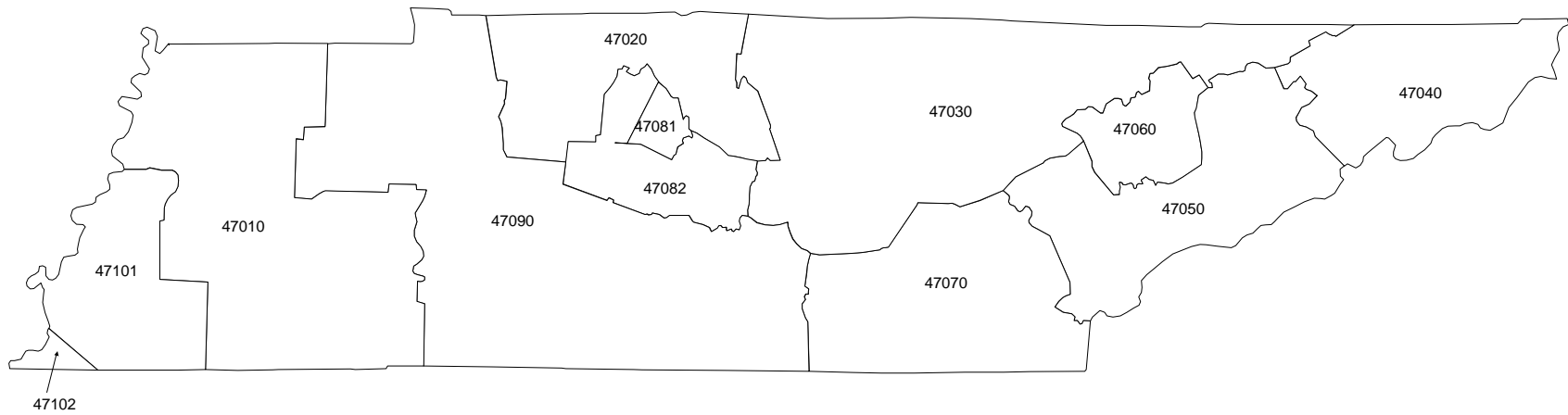
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**South Dakota**

<u>PUMA</u>	<u>Households</u>	<u>Households that Pay Directly for W/WW</u>	<u>Average Cost of W/WW</u>	<u>Average % of Income Spent for W/WW</u>	<u>Percent of Households that Pay Directly for W/WW</u>
46100	285,788	192,389	\$418	1.50	67.32

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# Tennessee

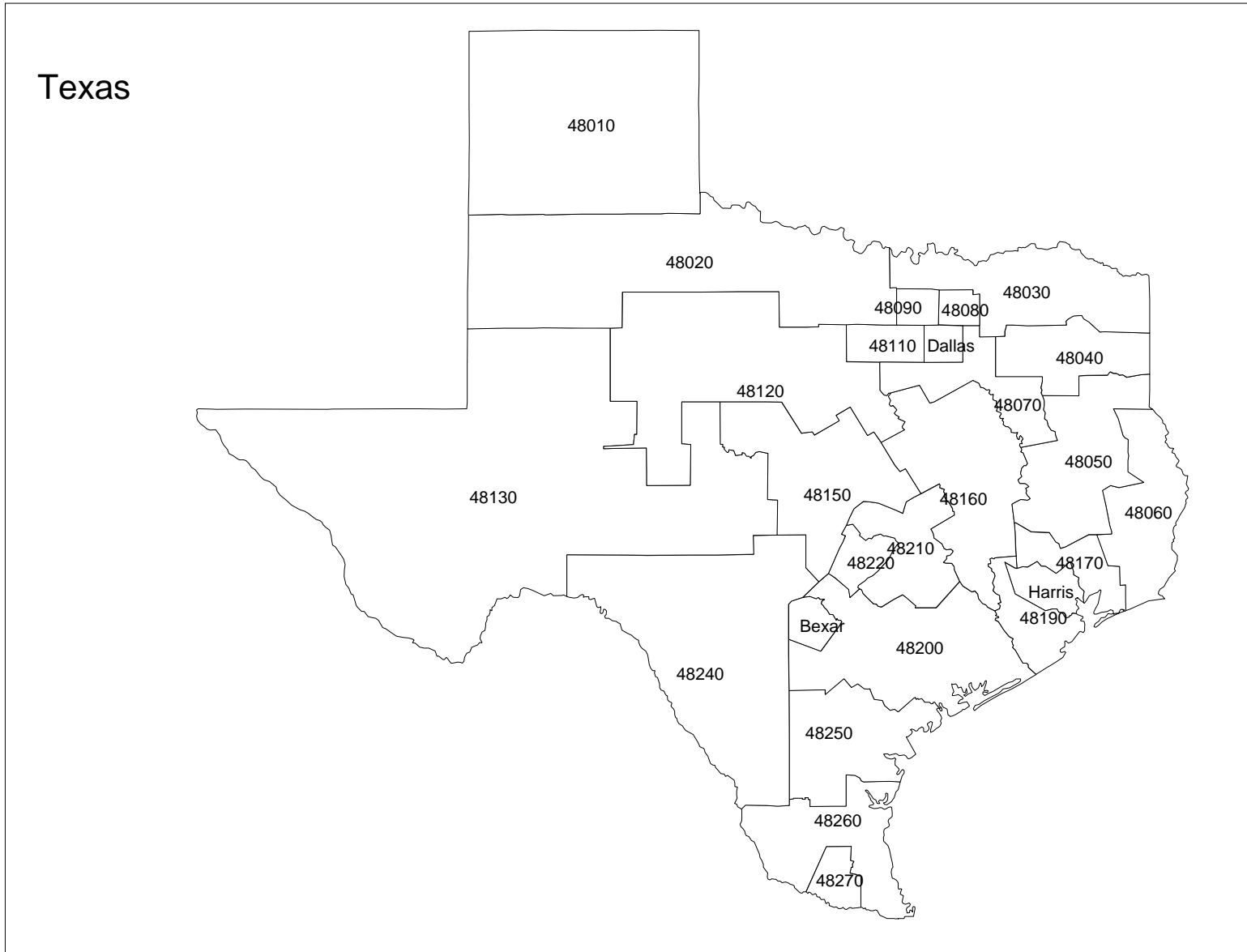


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**Tennessee**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
47010	160,123	117,187	\$367	1.69	73.19
47020	174,616	145,998	\$429	1.30	83.61
47030	166,970	128,041	\$336	1.61	76.69
47040	188,638	149,500	\$357	1.49	79.25
47050	184,009	121,098	\$344	1.36	65.81
47060	190,897	138,874	\$396	1.42	72.75
47070	219,046	164,765	\$368	1.55	75.22
47081	193,674	133,606	\$487	1.58	68.98
47082	148,070	117,260	\$487	1.16	79.19
47090	189,724	128,177	\$395	1.71	67.56
47101	170,561	137,373	\$333	1.05	80.54
47102	199,664	148,976	\$277	1.48	74.61

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**Texas**

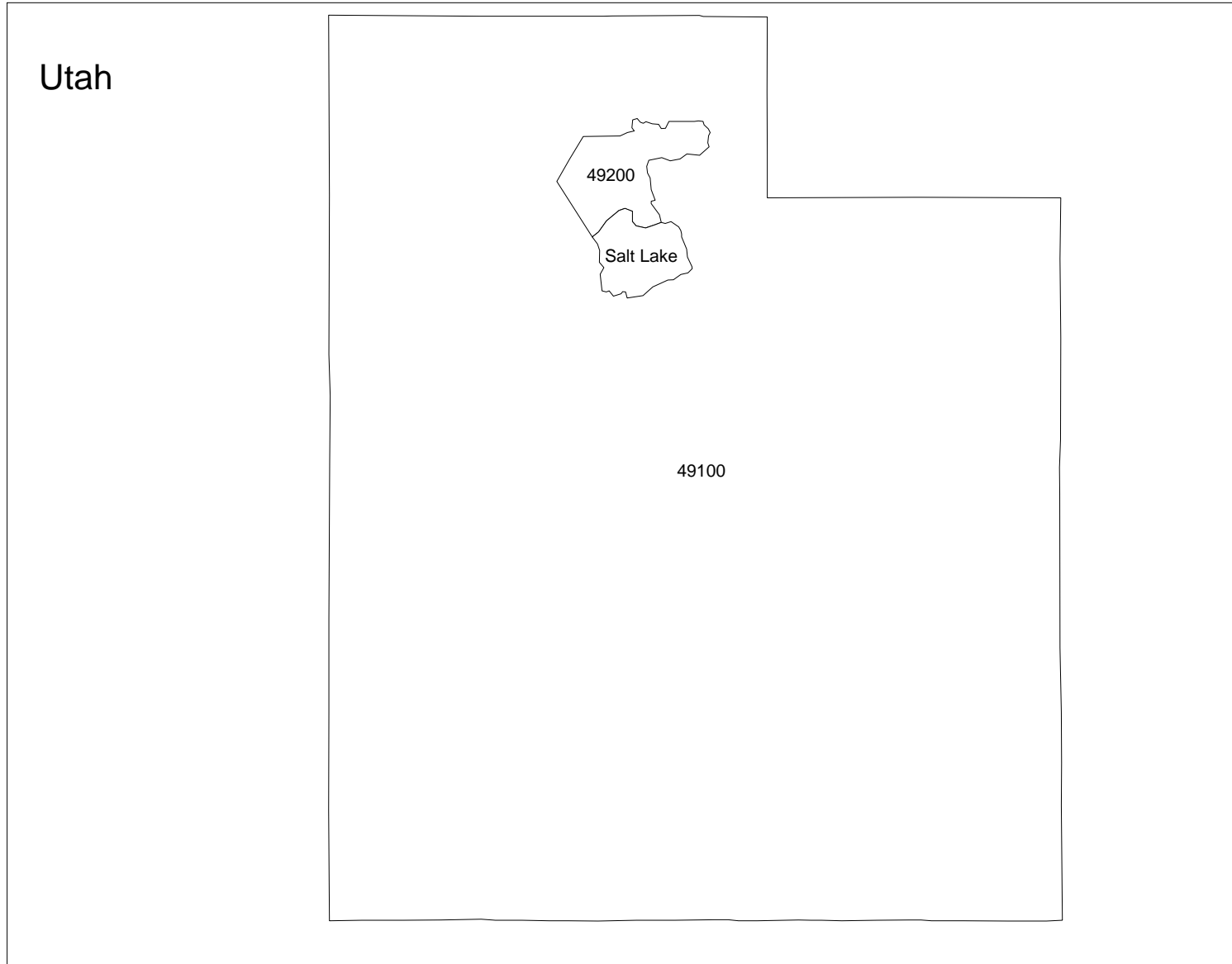
PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
48010	147,894	111,143	\$489	1.95	75.15
48020	239,855	167,841	\$507	2.24	69.98
48030	198,981	156,797	\$526	2.31	78.80
48040	185,872	147,854	\$481	2.10	79.55
48050	145,122	111,940	\$470	2.06	77.14
48060	181,306	132,952	\$486	2.14	73.33
48070	161,710	143,078	\$620	2.28	88.48
48080	178,706	154,620	\$658	1.09	86.52
48090	158,399	121,820	\$661	1.33	76.91
48101	181,898	115,887	\$639	2.89	63.71
48102	261,493	172,411	\$654	1.54	65.93
48103	158,874	119,426	\$668	2.15	75.17
48104	184,901	121,270	\$654	1.49	65.59
48111	206,276	134,575	\$634	2.05	65.24
48112	170,957	136,417	\$634	1.43	79.80
48113	174,872	139,960	\$699	1.86	80.04
48120	182,485	136,669	\$566	2.31	74.89
48130	152,232	108,265	\$650	2.99	71.12
48140	205,388	153,069	\$559	2.26	74.53
48150	160,093	116,325	\$592	2.24	72.66
48160	229,059	162,635	\$544	2.34	71.00
48170	255,199	192,216	\$493	1.40	75.32
48181	157,512	108,081	\$516	2.75	68.62
48182	177,570	109,893	\$508	1.56	61.89
48183	219,255	87,750	\$537	1.24	40.02
48184	166,715	112,774	\$505	1.42	67.64
48185	149,632	111,829	\$495	1.01	74.74
48186	147,160	106,350	\$538	1.71	72.27
48187	150,859	122,540	\$475	0.96	81.23
48190	176,304	120,796	\$596	1.92	68.52
48200	182,051	123,006	\$518	2.06	67.57
48210	138,314	115,641	\$590	1.61	83.61
48221	197,456	121,977	\$523	1.55	61.77
48222	153,058	122,106	\$595	1.22	79.78

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**Texas**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
48231	136,545	101,880	\$421	2.00	74.61
48232	166,456	132,523	\$475	1.67	79.61
48233	175,767	128,679	\$421	1.28	73.21
48240	153,209	109,850	\$517	2.64	71.70
48250	168,122	117,112	\$579	2.32	69.66
48260	129,947	100,078	\$515	2.97	77.01
48270	154,646	128,294	\$481	2.78	82.96

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**Utah**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
49100	267,039	196,091	\$453	1.42	73.43
49200	134,631	105,358	\$426	1.08	78.26
49301	158,818	97,222	\$423	1.22	61.22
49302	133,841	104,575	\$441	0.87	78.13



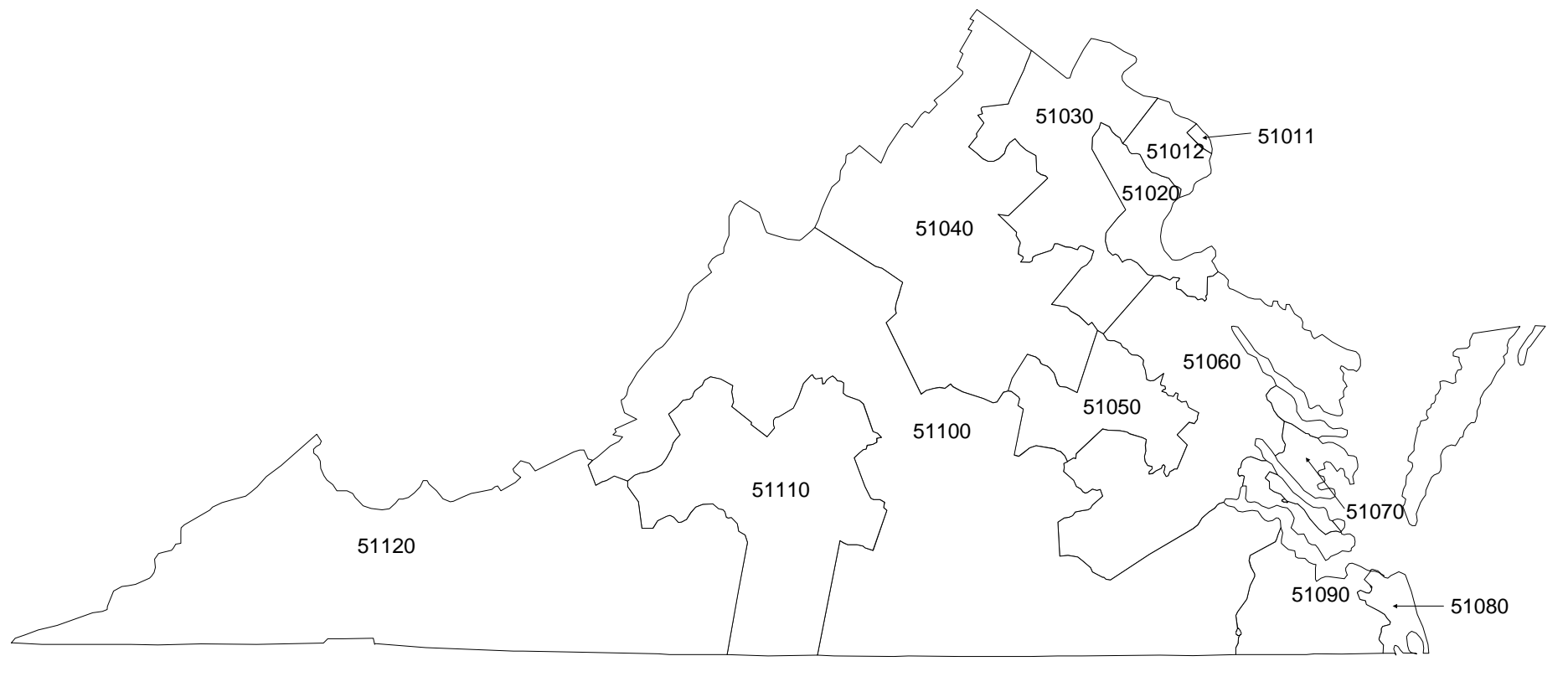
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**Vermont**

<u>PUMA</u>	<u>Households</u>	<u>Households that Pay Directly for W/WW</u>	<u>Average Cost of W/WW</u>	<u>Average % of Income Spent for W/WW</u>	<u>Percent of Households that Pay Directly for W/WW</u>
50100	238,251	82,210	\$357	1.05	34.51

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Virginia

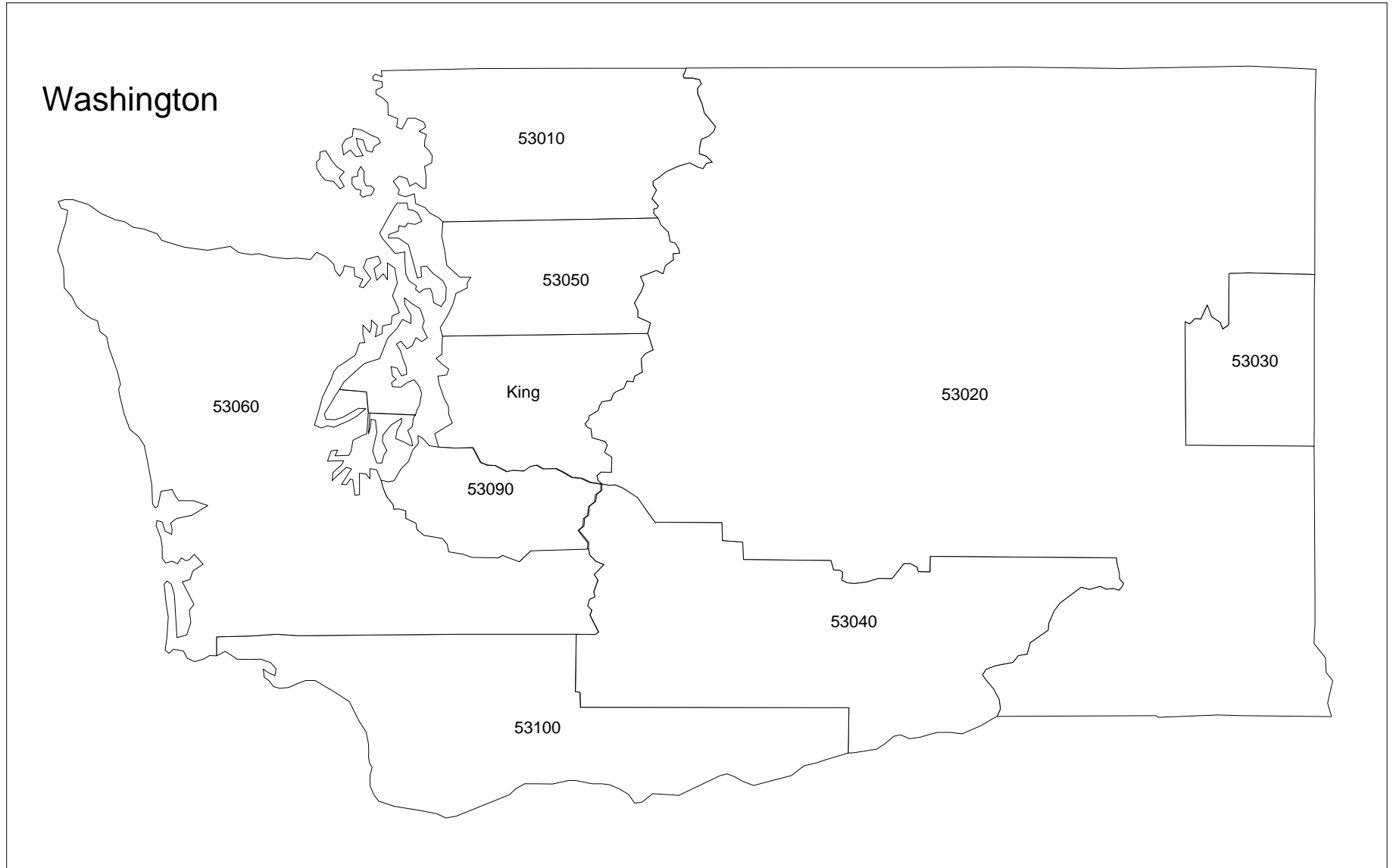


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**Virginia**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
51011	221,773	98,980	\$461	0.72	44.63
51012	283,973	214,011	\$377	0.51	75.36
51020	148,020	103,659	\$516	0.95	70.03
51030	147,882	86,304	\$476	0.94	58.36
51040	180,995	81,058	\$419	1.33	44.78
51050	232,593	139,233	\$591	1.72	59.86
51060	216,458	127,461	\$448	1.41	58.88
51070	186,103	124,577	\$479	1.61	66.94
51080	153,699	115,041	\$598	1.48	74.85
51090	219,522	145,834	\$542	1.87	66.43
51100	169,206	67,627	\$437	1.73	39.97
51110	224,235	118,356	\$343	1.23	52.78
51120	279,224	142,794	\$393	1.93	51.14

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**Washington**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
53010	218,418	128,503	\$534	1.51	58.83
53020	168,084	84,226	\$578	2.27	50.11
53030	158,305	97,776	\$498	1.77	61.76
53040	138,744	82,220	\$564	1.98	59.26
53050	223,308	145,884	\$527	1.24	65.33
53060	197,187	108,805	\$571	2.04	55.18
53070	251,432	131,757	\$720	1.70	52.40
53081	283,451	194,927	\$653	1.33	68.77
53082	169,567	109,804	\$541	1.27	64.76
53090	260,250	163,125	\$492	1.35	62.68
53100	171,177	108,221	\$541	1.57	63.22

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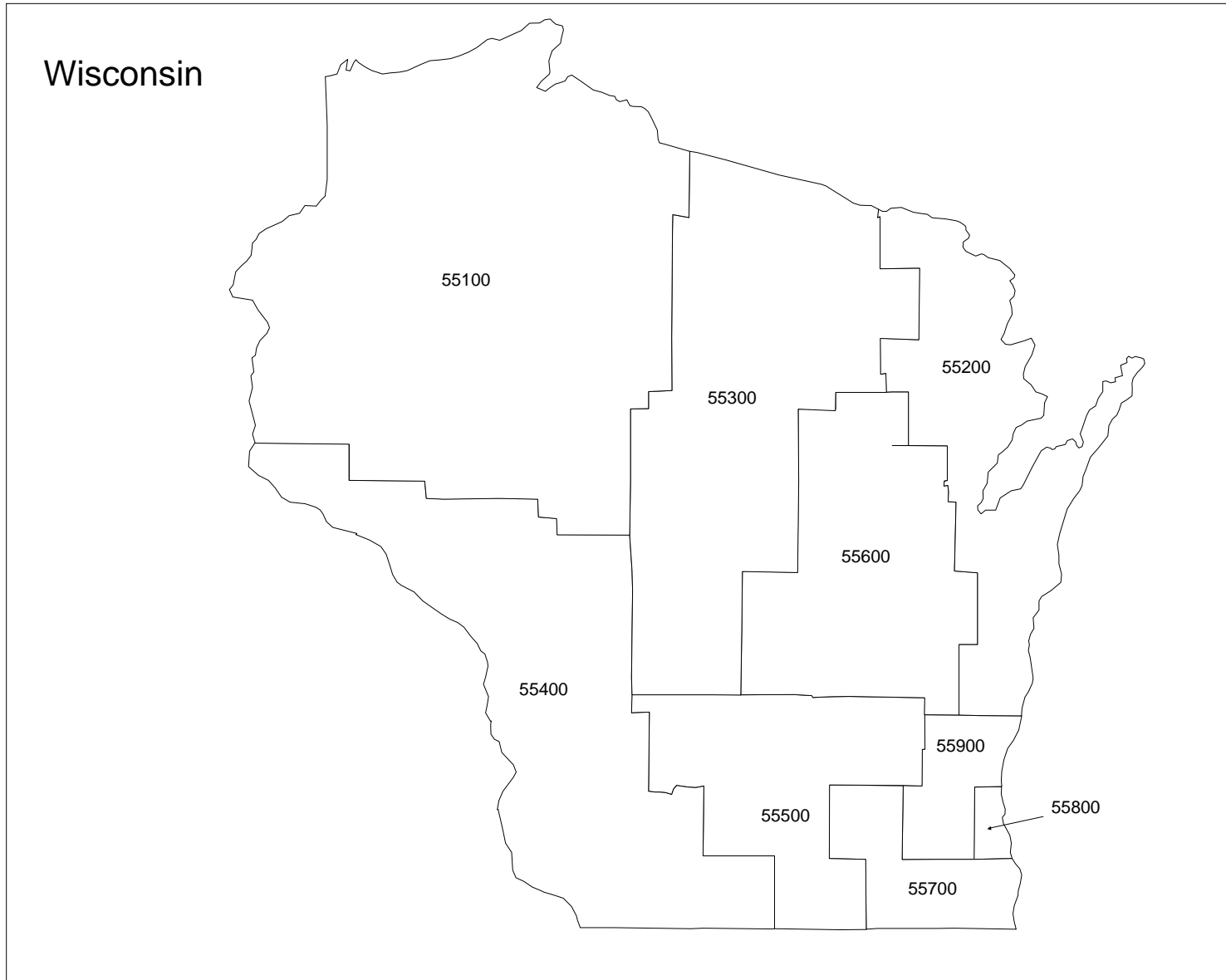


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**West Virginia**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
54100	234,231	177,202	\$440	1.95	75.65
54200	174,288	96,660	\$474	2.27	55.46
54300	309,107	231,855	\$480	2.41	75.01

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**Wisconsin**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
55100	212,924	92,588	\$406	1.45	43.48
55200	213,389	124,024	\$373	1.09	58.12
55300	168,544	79,011	\$373	1.19	46.88
55400	168,072	85,187	\$398	1.37	50.68
55500	302,856	173,483	\$371	0.89	57.28
55600	232,426	138,234	\$413	1.25	59.47
55700	187,655	116,684	\$411	1.04	62.18
55800	226,248	103,767	\$379	1.51	45.86
55900	351,003	203,382	\$442	0.91	57.94

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**Wyoming**

PUMA	Households	Households that Pay Directly for W/WW	Average Cost of W/WW	Average % of Income Spent for W/WW	Percent of Households that Pay Directly for W/WW
56100	190,505	116,683	\$442	1.52	61.25