

Table 1: 2000 Water Withdrawals for Major Water Uses in Michigan, by County*

County	Number of Facilities	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
Alcona	11	0.00	0.05	0.56	0.61
Alger	9	5.38	0.00	0.95	6.33
Allegan	159	0.00	4.54	12.52	17.06
Alpena	14	120.43	6.56	0.96	127.95
Antrim	33	0.00	0.11	3.15	3.26
Arenac	21	36.47	0.10	0.58	37.15
Baraga	7	1.60	0.05	0.02	1.67
Barry	39	0.00	0.36	2.15	2.51
Bay	69	673.54	2.86	0.27	676.67
Benzie	24	0.00	0.01	1.50	1.51
Berrien	178	1,119.61	5.14	8.86	1,133.61
Branch	120	0.00	4.93	10.07	15.00
Calhoun	85	0.00	4.74	23.21	27.95
Cass	84	0.00	1.56	9.27	10.83
Charlevoix	32	32.17	0.24	11.55	43.96
Cheboygan	16	0.00	0.31	1.87	2.18
Chippewa	11	2.94	0.00	1.08	4.02
Clare	10	0.00	0.64	1.25	1.89
Clinton	44	0.00	0.23	3.86	4.09
Crawford	13	0.00	0.08	1.66	1.74
Delta	24	61.72	0.66	0.65	63.03
Dickinson	17	0.00	18.01	3.29	21.30
Eaton	32	0.00	1.47	3.79	5.26
Emmet	41	0.00	0.00	4.51	4.51
Genesee	93	0.00	1.29	8.17	9.46
Gladwin	11	0.00	0.02	0.51	0.53
Gogebic	12	0.00	0.00	2.42	2.42
Grand Traverse	72	4.85	0.22	3.33	8.40
Gratiot	34	0.00	1.12	2.80	3.92
Hillsdale	40	0.00	1.13	4.91	6.04
Houghton	22	0.00	0.03	4.25	4.28
Huron	45	77.47	0.09	2.06	79.62
Ingham	55	0.00	209.78	35.71	245.49

County	Number of Facilities	Water Withdrawn (MGD)			
		Great Lakes	Surface Water	Ground Water	Total
Ionia	41	0.00	0.37	5.86	6.23
Iosco	21	1.29	0.19	0.62	2.10
Iron	23	0.00	0.30	2.34	2.64
Isabella	32	0.00	0.29	3.92	4.21
Jackson	82	0.00	0.90	14.59	15.49
Kalamazoo	124	0.02	17.36	63.19	80.57
Kalkaska	10	0.00	0.25	2.36	2.61
Kent	157	44.09	2.72	13.39	60.20
Keweenaw	5	0.02	0.00	0.05	0.07
Lake	5	0.00	0.03	0.31	0.34
Lapeer	38	0.00	0.74	0.74	1.48
Leelanau	59	0.00	0.10	1.80	1.90
Lenawee	62	0.00	3.54	3.91	7.45
Livingston	80	0.00	0.37	7.29	7.66
Luce	8	0.00	0.00	0.82	0.82
Mackinac	9	9.41	0.01	0.14	9.56
Macomb	66	4.01	1.73	2.11	7.85
Manistee	44	19.88	18.65	3.32	41.85
Marquette	35	271.85	17.43	3.12	292.40
Mason	38	19.99	0.33	1.15	21.47
Mecosta	31	0.00	1.74	2.69	4.43
Menominee	11	1.06	2.61	0.24	3.91
Midland	13	0.00	5.74	0.31	6.05
Missaukee	21	0.00	0.09	1.62	1.71
Monroe	47	1,708.89	4.44	16.79	1,730.12
Montcalm	103	0.00	3.81	22.12	25.93
Montmorency	6	0.00	0.19	0.25	0.44
Muskegon	80	303.61	6.01	7.87	317.49
Newaygo	39	0.00	0.46	3.37	3.83
Oakland	205	0.00	1.69	27.85	29.54
Oceana	39	0.00	0.56	2.91	3.47
Ogemaw	13	0.00	0.11	0.55	0.66
Ontonagon	9	19.23	0.00	0.11	19.34
Osceola	23	0.00	0.14	3.39	3.53
Oscoda	9	0.00	0.24	0.34	0.58

County	Number of Facilities	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
Otsego	25	0.00	0.05	2.22	2.27
Ottawa	189	675.94	43.44	6.81	726.19
Presque Isle	26	4.22	1.22	2.42	7.86
Roscommon	24	0.00	0.01	0.62	0.63
Saginaw	56	11.91	1.97	1.02	14.90
Saint Clair	103	1,711.64	0.16	0.69	1,712.49
Saint Joseph	235	0.00	14.11	37.14	51.25
Sanilac	43	0.18	0.41	4.08	4.67
Schoolcraft	6	5.04	5.97	0.03	11.04
Shiawassee	36	0.00	0.49	3.64	4.13
Tuscola	46	2.09	0.07	3.62	5.78
Van Buren	142	133.91	1.94	7.81	143.66
Washtenaw	85	0.00	17.47	9.41	26.88
Wayne	139	1,723.99	2.59	0.65	1,727.23
Wexford	23	0.00	0.12	6.68	6.80
Total	4,243	8,808.45	449.49	480.02	9,737.96

* This report is provided by the Michigan Department of Environmental Quality and was generated using data collected for the water use reporting program for thermoelectric power generation, public water supply, self-supplied industrial, and irrigation.

Index Map of Michigan Counties



Table 2: 2000 Water Withdrawals for Major Water Uses in Michigan, by Hydrologic Basin*

Hydrologic Basin Code	Number of Facilities	Water Withdrawn ((MGD))			
		Great Lakes	Surface Water	Ground Water	Total
04010302	3	0.00	0.00	1.50	1.50
04020101	10	12.18	0.00	0.86	13.04
04020102	7	7.05	0.00	0.16	7.21
04020103	28	0.02	0.03	4.32	4.37
04020104	2	0.00	0.02	0.03	0.05
04020105	23	273.45	0.01	1.70	275.16
04020201	12	5.38	0.02	0.94	6.34
04020202	7	0.00	0.02	0.71	0.73
04020203	2	0.00	0.00	0.11	0.11
04030106	19	0.00	0.00	2.28	2.28
04030107	5	0.00	0.30	0.21	0.51
04030108	23	0.00	20.59	3.41	24.00
04030109	7	1.06	0.03	0.11	1.20
04030110	15	0.00	17.69	1.29	18.98
04030111	17	61.72	0.35	0.61	62.68
04030112	2	0.00	0.00	0.09	0.09
04040001	20	1,109.98	1.52	0.28	1,111.78
04050001	788	7.66	29.66	86.05	123.37
04050002	184	811.48	2.11	4.62	818.21
04050003	299	0.02	23.62	89.87	113.51
04050004	161	0.00	211.91	53.37	265.28
04050005	66	0.00	0.61	5.20	5.81
04050006	317	44.60	47.47	37.49	129.56
04050007	67	0.00	0.98	4.62	5.60
04060101	133	28.69	0.96	7.76	37.41
04060102	172	294.75	9.17	21.64	325.56
04060103	58	19.88	18.91	7.94	46.73
04060104	74	0.00	0.19	3.31	3.50
04060105	194	37.02	0.43	24.77	62.22
04060106	8	0.00	5.99	0.09	6.08
04060107	3	5.04	0.00	0.09	5.13
04070001	10	2.94	0.02	0.97	3.93
04070002	5	9.40	0.00	0.03	9.43

Hydrologic Basin Code	Number of Facilities	Water Withdrawn ((MGD))			
		Great Lakes	Surface Water	Ground Water	Total
04070003	29	6.75	1.01	2.02	9.78
04070004	29	0.00	0.26	2.25	2.51
04070005	4	0.00	0.04	0.29	0.33
04070006	25	117.89	7.03	1.62	126.54
04070007	47	0.00	0.55	3.95	4.50
04080101	44	37.75	0.28	0.98	39.01
04080102	19	0.15	0.33	0.33	0.81
04080103	80	2.50	1.23	3.29	7.02
04080104	76	233.30	0.05	0.43	233.78
04080201	38	0.00	6.35	1.93	8.28
04080202	57	0.00	1.47	6.85	8.32
04080203	105	0.00	0.89	10.98	11.87
04080204	112	0.00	1.57	6.39	7.96
04080205	44	0.15	0.45	3.91	4.51
04080206	55	685.15	2.87	0.25	688.27
04090001	75	1,553.76	0.89	3.70	1,558.35
04090002	17	5.88	0.20	0.31	6.39
04090003	147	6.96	2.49	17.98	27.43
04090004	166	1,716.90	2.72	2.22	1,721.84
04090005	187	0.09	17.87	18.55	36.51
04100001	37	1,700.19	2.18	8.07	1,710.44
04100002	91	8.71	6.01	16.47	31.19
04100003	7	0.00	0.02	0.10	0.12
04100006	11	0.00	0.12	0.72	0.84
Total	4,243	8,808.45	449.49	480.02	9,737.96

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Index Map of Michigan Hydrologic Basins

