

Table 1: 1998 Water Withdrawals for Community Public Water Supply Systems in Michigan, by County*

County	Number of Systems Served**	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
Alcona	6	0.00	0.00	0.10	0.10
Alger	6	0.00	0.00	0.69	0.69
Allegan	45	0.00	0.00	4.87	4.87
Alpena	4	2.35	0.00	0.61	2.96
Antrim	12	0.00	0.00	1.44	1.44
Arenac	16	38.98	0.00	0.02	39.00
Baraga	4	0.70	0.00	0.00	0.71
Barry	17	0.00	0.00	1.63	1.63
Bay	17	11.18	0.00	0.00	11.18
Benzie	11	0.00	0.00	0.70	0.70
Berrien	56	13.96	0.00	5.19	19.15
Branch	13	0.00	0.00	3.57	3.57
Calhoun	23	0.00	0.00	17.04	17.04
Cass	18	0.00	0.00	1.54	1.54
Charlevoix	16	0.79	0.00	1.67	2.46
Cheboygan	11	0.00	0.00	1.28	1.28
Chippewa	6	2.05	0.00	0.93	2.98
Clare	5	0.00	0.00	1.16	1.16
Clinton	17	0.00	0.00	2.53	2.53
Crawford	5	0.00	0.00	0.95	0.95
Delta	7	2.70	0.00	0.16	2.86
Dickinson	7	0.00	0.00	2.90	2.90
Eaton	14	0.00	0.00	3.50	3.50
Emmet	26	0.00	0.00	3.78	3.78
Genesee	50	0.00	0.00	5.33	5.33
Gladwin	7	0.00	0.00	0.57	0.57
Gogebic	10	0.00	0.00	2.25	2.25
Grand Traverse	28	4.96	0.00	1.74	6.70
Gratiot	11	0.00	1.52	2.22	3.74
Hillsdale	12	0.00	0.00	2.26	2.26
Houghton	22	0.00	0.00	3.72	3.72
Huron	18	1.00	0.00	1.44	2.44

Water Withdrawn (MGD)

County	Number of Systems Served**	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
Ingham	24	0.00	0.15	34.21	34.35
Ionia	17	0.00	0.00	5.55	5.55
Iosco	11	1.29	0.00	0.04	1.33
Iron	18	0.00	0.00	2.40	2.40
Isabella	12	0.00	0.00	3.63	3.63
Jackson	30	0.00	0.00	12.61	12.61
Kalamazoo	24	0.00	0.00	28.31	28.31
Kalkaska	1	0.00	0.00	0.62	0.62
Kent	45	52.82	0.81	7.14	60.77
Keweenaw	4	0.01	0.00	0.04	0.05
Lake	3	0.00	0.00	0.20	0.20
Lapeer	10	0.00	0.00	0.50	0.50
Leelanau	16	0.00	0.00	0.47	0.47
Lenawee	27	0.00	3.32	3.49	6.81
Livingston	45	0.00	0.00	5.87	5.87
Luce	3	0.00	0.00	0.58	0.58
Mackinac	4	1.43	0.00	0.01	1.45
Macomb	11	4.59	0.00	0.82	5.40
Manistee	11	0.00	0.00	1.92	1.92
Marquette	27	3.18	0.00	2.99	6.18
Mason	9	2.23	0.00	0.13	2.36
Mecosta	12	0.00	1.40	0.12	1.52
Menominee	5	1.04	0.00	0.18	1.23
Midland	4	0.00	0.00	0.21	0.21
Missaukee	2	0.00	0.00	0.59	0.59
Monroe	8	11.62	0.56	0.25	12.44
Montcalm	12	0.00	0.00	4.26	4.26
Montmorency	3	0.00	0.00	0.19	0.19
Muskegon	22	16.77	0.00	2.11	18.88
Newaygo	10	0.00	0.00	2.62	2.62
Oakland	101	0.00	0.00	22.92	22.92
Oceana	5	0.00	0.00	1.36	1.36
Ogemaw	7	0.00	0.00	0.44	0.44
Ontonagon	6	0.39	0.00	0.11	0.50
Osceola	7	0.00	0.00	3.16	3.16

County	Number of Systems Served**	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
Oscoda	5	0.00	0.00	0.05	0.05
Otsego	6	0.00	0.00	1.12	1.12
Ottawa	33	48.52	0.00	0.27	48.79
Presque Isle	5	0.00	0.00	0.82	0.82
Roscommon	15	0.00	0.00	0.24	0.24
Saginaw	26	11.95	0.00	0.51	12.46
Saint Clair	75	179.67	0.00	0.56	180.23
Saint Joseph	19	0.00	0.00	4.29	4.29
Sanilac	19	0.15	0.00	1.89	2.05
Schoolcraft	3	0.00	0.49	0.03	0.52
Shiawassee	26	0.00	0.00	4.73	4.73
Tuscola	17	0.00	0.00	2.85	2.85
Van Buren	28	1.31	0.00	3.17	4.48
Washtenaw	20	0.00	14.05	7.72	21.76
Wayne	74	533.24	0.00	0.00	533.24
Wexford	7	0.00	0.00	2.78	2.78
Total	1,454	948.90	22.30	256.86	1,228.06

* This report is provided by the Michigan Department of Environmental Quality and was generated using data collected for the water use reporting program.

** Water withdrawn in one county is often delivered to community public water supply systems in several counties, where the water is used. In those cases, the number of systems served reported in this table represents systems both within and outside of the withdrawal county.

Index Map of Michigan Counties

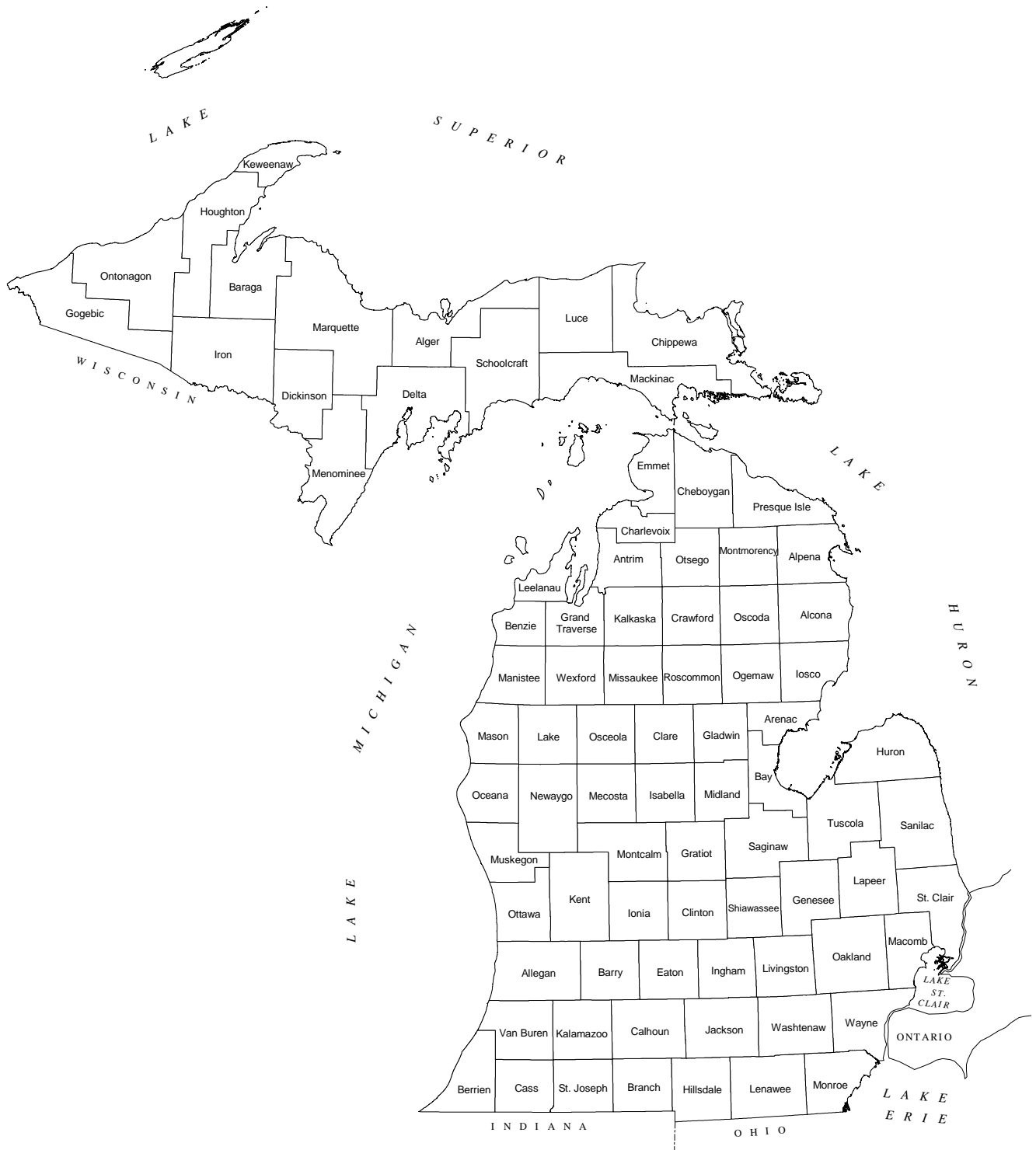


Table 2: 1998 Water Withdrawals for Community Public Water Supply Systems in Michigan, by Hydrologic Basin*

Hydrologic Basin Code	Number of Systems Served**	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
04010302	2	0.00	0.00	1.43	1.43
04020101	8	0.13	0.00	0.76	0.89
04020102	6	0.26	0.00	0.17	0.43
04020103	26	0.01	0.00	3.76	3.77
04020104	1	0.00	0.00	0.00	0.00
04020105	17	3.89	0.00	1.62	5.50
04020201	9	0.00	0.00	0.71	0.71
04020202	3	0.00	0.00	0.58	0.58
04020203	1	0.00	0.00	0.05	0.05
04030106	18	0.00	0.00	2.40	2.40
04030107	1	0.00	0.00	0.19	0.19
04030108	10	0.00	0.00	3.03	3.03
04030109	2	1.04	0.00	0.06	1.10
04030110	7	0.00	0.00	1.12	1.12
04030111	7	2.70	0.00	0.16	2.85
04030112	1	0.00	0.00	0.02	0.02
04040001	11	2.82	0.00	0.26	3.08
04050001	128	8.93	0.00	26.09	35.02
04050002	42	52.04	0.00	0.53	52.56
04050003	84	0.00	0.00	44.13	44.13
04050004	68	0.00	0.15	50.92	51.06
04050005	20	0.00	0.00	2.98	2.98
04050006	66	52.82	0.81	14.89	68.51
04050007	27	0.00	0.00	3.65	3.65
04060101	37	11.71	0.00	3.75	15.46
04060102	49	7.29	1.40	9.10	17.79
04060103	12	0.00	0.00	2.29	2.29
04060104	23	0.00	0.00	1.03	1.03
04060105	87	5.75	0.00	9.57	15.32
04060106	5	0.00	0.49	0.07	0.56
04060107	1	0.00	0.00	0.01	0.01
04070001	4	2.05	0.00	0.84	2.89

Hydrologic Basin Code	Number of Systems Served**	Water Withdrawn (MGD)			Total
		Great Lakes	Surface Water	Ground Water	
04070002	3	1.43	0.00	0.03	1.47
04070003	8	0.00	0.00	0.55	0.55
04070004	14	0.00	0.00	1.12	1.12
04070005	2	0.00	0.00	0.40	0.40
04070006	7	2.35	0.00	0.79	3.14
04070007	23	0.00	0.00	2.27	2.27
04080101	28	40.28	0.00	0.45	40.73
04080102	3	0.11	0.00	0.02	0.13
04080103	19	0.10	0.00	1.81	1.91
04080104	64	165.10	0.00	0.31	165.41
04080201	20	0.00	0.00	1.98	1.98
04080202	17	0.00	1.52	5.21	6.73
04080203	54	0.00	0.00	8.85	8.85
04080204	51	0.00	0.00	4.08	4.08
04080205	15	0.00	0.00	2.76	2.76
04080206	36	23.13	0.00	0.00	23.13
04090001	29	13.61	0.00	2.48	16.09
04090002	7	4.73	0.00	0.01	4.74
04090003	60	8.62	0.00	16.21	24.83
04090004	82	526.38	0.00	1.07	527.45
04090005	79	0.00	14.05	13.52	27.57
04100001	4	2.48	0.00	0.08	2.56
04100002	34	9.15	3.88	5.95	18.98
04100003	5	0.00	0.00	0.07	0.07
04100006	7	0.00	0.00	0.70	0.70
Total	1,454	948.90	22.30	256.86	1,228.06

* This report is provided by the Michigan Department of Environmental Quality and was generated using data collected for the water use reporting program.

** Water withdrawn in one hydrologic basin is often delivered to community public water supply systems in several basins, where the water is used. In those cases, the number of systems served reported in this table represents systems both within and outside of the withdrawal basin.

Index Map of Michigan Hydrologic Basins

