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## Stocking Summary for Lake Michigan 1976-2007

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Fish stocking rates in Lake Michigan during 2007 were influenced by three primary factors: 1) the increased level of lake trout stocking which is consistent with the Consent Decree and lake trout rehabilitation objectives, 2) the recent arrival of viral hemorrhagic septicemia (VHS) which led to a reduction in Great Lakes spotted musky stocking in Green Bay, and 3) the continuation of chinook stocking at the lowered 2006 levels due to continued concerns over a limited forage base. Notable changes in 2007 stocking rates are summarized below and the accompanying data are provided in summary tables.

Over 3.6 million lake trout were stocked in 2007. The new *Guide for the Rehabilitation of Lake Trout in Lake Michigan* includes strategic changes to prioritize stocking locations so that stocking will be concentrated in high quality habitat areas that are protected from excessive mortality rates. Although not fully implemented in 2007, the new prioritization of stocking sites led to increased stocking within the Northern and Midlake Refuges compared to 2006.

Viral Hemorrhagic Septicemia provided a new challenge to hatchery operations in 2007. So far, hatchery production of salmonids has not been severely impacted. However, only 639 Great Lakes spotted muskies were stocked in Green Bay this year and no fingerlings (2007 year-class) were stocked whereas nearly 20,000 muskie fingerlings were stocked in 2006.

Similar to 2006, nearly 3.2 million chinook salmon were stocked lakewide in 2007 which is substantially below the 10 year average of 4.2 million. Declining growth rates and low biomass estimates of the forage base prompted a 25% lake-wide stocking reduction in 2006.

Information from this report can be accessed in the Great Lakes Fish Stocking database (GLFSD) which contains all reported fish stocking events in the Great Lakes since the 1950's. Information including the number stocked, strain, health, origin, stocking location, and tagging information for each stocking event is submitted by state, tribal, and federal entities. The GLFSD is updated annually, by April 1<sup>st</sup>, and users can access data online from the Great Lakes Fishery Commission website at: <http://www.glfsc.org/fishstocking/>. This summary report provides an update of the 2007 stocking data in the GLFSD for Lake Michigan.

The following tables report numbers of trout and salmon stocked between 1976 and 2007 (Tables 1-6) and more detailed information for fin-clipped or otherwise marked fish that were stocked in the basin during 2007 (Tables 7,8). Numbers of non-salmonid fish stocked into Lake Michigan are also summarized (Table 9).

Table 1. Millions of salmonids, fingerling and yearling stages combined, stocked in Lake Michigan between 1976 and 2007.

	Atlantic Salmon	Brook Trout	Brown Trout	Chinook Salmon	Coho Salmon	Lake Trout	Rainbow Trout	Splake	Total
1976	0.020	0.075	1.129	3.317	3.196	2.548	1.863	0.000	12.148
1977	0.019	0.643	1.160	2.977	3.087	2.418	1.312	0.000	11.616
1978	0.046	0.248	1.503	5.365	2.685	2.539	1.933	0.000	14.319
1979	0.000	0.196	1.228	4.984	4.044	2.497	2.589	0.000	15.538
1980	0.000	0.204	1.292	6.106	2.943	2.791	2.630	0.000	15.967
1981	0.020	0.208	1.169	4.747	2.451	2.642	1.971	0.000	13.208
1982	0.045	0.259	2.139	6.312	2.181	2.746	2.525	0.000	16.207
1983	0.000	0.300	2.180	6.539	2.364	2.241	2.595	0.000	16.219
1984	0.000	0.233	1.803	7.710	2.954	1.565	3.111	0.034	17.410
1985	0.000	0.307	1.798	5.956	3.181	3.782	1.825	0.054	16.903
1986	0.000	0.197	1.434	5.693	2.291	3.297	2.222	0.115	15.249
1987	0.000	0.117	1.341	5.801	2.305	1.998	1.831	0.018	13.411
1988	0.017	0.466	1.516	5.417	3.210	9.254	1.429	0.104	14.706
1989	0.060	0.150	1.504	7.859	2.334	5.377	1.845	0.088	19.217
1990	0.000	0.400	1.772	7.129	2.380	1.317	1.600	0.050	14.648
1991	0.000	0.326	1.383	6.238	2.471	2.779	1.975	0.396	15.568
1992	0.000	0.272	1.615	5.795	2.712	3.435	1.689	0.099	15.618
1993	0.000	0.294	1.759	5.530	1.709	2.697	1.680	0.141	13.809
1994	0.000	0.269	2.172	5.837	1.497	3.854	2.220	0.166	16.015
1995	0.000	0.328	1.876	6.549	2.401	2.265	1.878	0.151	15.448
1996	0.000	0.180	1.787	6.193	3.112	2.141	1.849	0.201	15.463
1997	0.000	0.115	1.804	5.745	2.620	2.235	1.864	0.155	14.538
1998	0.000	0.408	1.742	5.721	2.059	2.302	1.618	0.097	13.948
1999	0.000	0.191	1.649	4.324	2.765	2.348	1.680	0.077	13.034
2000	0.000	0.045	1.666	4.049	2.499	2.260	1.244	0.079	11.842
2001	0.000	0.102	1.749	4.518	2.765	2.382	1.849	0.131	13.495
2002	0.000	0.050	1.754	4.015	2.690	2.224	1.861	0.126	12.721
2003	0.000	0.024	1.649	4.422	3.124	2.609	2.078	0.104	14.010
2004	0.000	0.001	1.601	4.303	1.687	2.354	1.583	0.122	11.651
2005	0.000	0.000	1.523	4.306	2.561	2.887	2.170	0.099	13.546
2006	0.000	0.001	1.611	3.253	2.430	2.770	1.788	0.166	12.018
2007	0.000	0.000	1.487	3.173	2.269	3.624	2.010	0.125	12.167
10 year mean	0.000	0.082	1.643	4.208	2.485	2.576	1.788	0.113	12.843

Table 2. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Wisconsin waters of Lake Michigan, 1976 – 2007.

Year	Brook trout	Brown trout	Chinook salmon	Coho salmon	Lake trout	Rainbow trout	Splake
1976	6,900	298,200	1,190,500	666,800	0	999,600	0
1977	643,400	802,200	912,600	491,300	0	682,900	0
1978	242,600	1,208,100	2,017,100	499,300	0	612,600	0
1979	187,300	959,500	1,963,800	319,900	0	1,211,300	0
1980	184,900	1,046,500	2,429,500	491,900	0	1,136,800	0
1981	199,900	1,014,200	1,848,300	318,500	0	996,800	0
1982	259,000	1,820,700	2,520,700	216,000	49,400	1,041,600	0
1983	300,200	1,554,800	2,791,700	356,500	31,500	1,467,800	0
1984	225,000	1,184,900	2,891,900	551,500	20,400	1,380,800	34,200
1985	307,100	1,170,100	2,740,800	1,044,200	0	415,100	54,500
1986	188,300	882,900	2,377,600	267,200	76,000	782,400	115,000
1987	94,800	836,800	2,263,500	624,400	0	542,200	0
1988	466,500	1,020,900	1,409,300	1,019,900	0	291,300	28,900
1989	150,100	972,700	2,713,900	511,300	0	495,300	0
1990	315,100	1,229,100	2,379,300	498,400	0	460,600	0
1991	326,100	981,500	1,734,600	402,800	0	586,900	147,000
1992	272,400	1,228,600	1,523,100	568,500	0	569,400	43,800
1993	294,100	1,333,300	1,600,100	0	0	679,200	40,000
1994	268,600	1,261,100	1,548,600	457,200	0	798,300	71,700
1995	328,000	1,325,100	1,901,400	722,100	0	553,400	0
1996	167,800	1,301,100	1,727,000	563,600	0	565,900	69,900
1997	114,500	1,279,800	1,917,100	514,700	0	570,000	40,000
1998	407,800	1,242,800	1,591,500	504,900	0	533,100	22,000
1999	190,700	1,181,300	1,308,800	520,200	0	521,400	26,700
2000	44,600	1,056,300	1,010,800	253,700	0	197,900	0
2001	101,500	1,257,600	1,502,600	512,800	0	641,700	54,500
2002	50,400	1,211,800	1,419,300	595,500	0	545,500	28,500
2003	23,900	1,080,500	1,511,200	540,100	0	758,300	22,100
2004	0	1,021,700	1,502,900	484,800	0	430,600	43,900
2005	0	952,100	1,475,500	516,000	0	553,900	16,300
2006	1,000	1,009,300	1,166,200	387,600	0	578,400	80,100
2007	0	1,011,000	1,112,600	610,100	0	714,800	44,300
10 year mean	81,990	1,102,440	1,360,140	492,570	0	547,560	33,840

Table 3. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Illinois waters of Lake Michigan, 1976 – 2007.

Year	Brook trout	Brown trout	Chinook salmon	Coho salmon	Lake trout	Rainbow trout
1976	6,400	94,300	142,000	80,300	0	45,300
1977	0	42,200	346,700	102,700	0	276,200
1978	5,000	13,400	611,400	278,800	0	39,800
1979	8,300	1,000	183,100	289,400	0	215,400
1980	19,500	23,800	152,200	39,000	0	112,900
1981	0	65,100	430,600	323,800	0	186,400
1982	0	18,300	793,300	158,700	0	170,000
1983	0	50,900	533,600	0	0	0
1984	0	88,500	537,800	276,800	0	164,700
1985	0	114,700	195,000	304,600	135,500	146,300
1986	0	59,300	215,000	312,200	111,000	151,900
1987	0	88,500	539,100	187,100	25,000	89,000
1988	0	94,700	456,800	297,300	66,500	116,100
1989	0	105,500	650,400	99,700	27,200	110,500
1990	0	0	479,400	302,600	0	0
1991	0	113,900	496,300	312,700	0	133,700
1992	0	100,100	352,700	308,600	0	105,300
1993	0	105,100	364,200	117,800	0	182,100
1994	0	100,500	285,600	328,000	0	74,600
1995	0	98,200	362,700	308,200	0	99,100
1996	0	85,200	365,400	305,600	0	102,100
1997	0	90,100	360,100	302,300	0	91,700
1998	0	100,000	366,200	305,800	0	103,000
1999	0	102,700	304,600	301,600	0	84,700
2000	0	100,000	305,700	302,300	0	100,000
2001	0	72,300	304,000	300,900	0	87,600
2002	0	100,000	305,300	301,000	0	106,500
2003	0	100,000	299,500	244,100	0	126,900
2004	0	70,000	302,700	300,100	0	112,700
2005	0	100,200	295,200	301,000	0	111,400
2006	0	57,600	251,600	304,200	0	105,200
2007	0	100,600	252,300	301,400	0	117,300
10 year mean	0	90,340	298,710	296,240	0	105,530

Table 4. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Indiana waters<sup>1</sup> of Lake Michigan, 1976 – 2007.

Year	Brown trout	Chinook salmon	Coho salmon	Rainbow trout
1976	199,000	38,000	179,500	217,100
1977	109,000	141,400	179,000	47,700
1978	131,000	213,200	105,000	129,700
1979	68,500	530,700	117,500	181,900
1980	116,100	621,400	169,500	69,800
1981	58,100	263,400	102,000	230,400
1982	0	313,100	160,400	247,700
1983	0	238,400	127,600	378,300
1984	0	405,900	156,300	258,800
1985	7,400	761,800	139,000	509,400
1986	0	697,700	132,900	635,700
1987	0	569,200	161,800	511,200
1988	0	879,800	160,400	461,300
1989	0	717,400	40,700	503,500
1990	0	630,200	114,200	538,800
1991	0	694,400	100,000	493,200
1992	0	504,200	100,800	411,800
1993	0	458,600	12,300	315,600
1994	0	537,000	84,400	568,100
1995	0	555,000	169,100	542,000
1996	0	571,600	357,000	577,600
1997	0	422,600	80,800	610,000
1998	0	593,500	148,300	464,000
1999	0	415,400	146,900	551,500
2000	0	417,800	157,700	374,500
2001	0	450,700	157,000	571,400
2002	35,000	253,000	224,800	605,200
2003	40,400	232,400	233,200	592,000
2004	46,200	237,100	236,000	465,200
2005	36,400	251,300	237,000	933,000
2006	42,900	225,100	79,000	491,400
2007	41,100	217,400	231,300	643,500
10 year mean	24,200	329,370	185,120	569,170

Footnotes: <sup>1</sup>Reported value represents IN DNR stocking totals which may be different than the total stocked in statistical district IND.

Table 5. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Michigan waters<sup>1</sup> of Lake Michigan, 1976 – 2007.

Year	Brook trout	Brown trout	Chinook salmon	Coho Salmon	Lake trout	Rainbow trout	Splake
1976	61,300	537,300	1,946,600	2,269,900	0	600,600	0
1977	0	206,500	1,576,200	2,314,100	0	305,200	0
1978	0	150,000	2,523,600	1,802,000	0	1,150,600	0
1979	0	198,800	2,306,700	3,317,000	75,000	980,800	0
1980	0	105,500	2,902,900	2,243,000	62,000	1,310,600	0
1981	8,000	32,000	2,204,700	1,707,200	453,200	557,700	0
1982	0	300,000	2,685,100	1,645,400	90,000	1,066,100	0
1983	0	574,000	2,975,700	1,880,000	0	748,500	0
1984	8,000	529,600	3,874,200	1,969,400	0	1,307,000	0
1985	0	505,500	2,258,500	1,693,000	0	754,100	0
1986	8,600	491,800	2,402,500	1,579,200	0	651,500	0
1987	22,500	415,900	2,429,000	1,331,300	0	688,400	17,700
1988	0	400,100	2,670,900	1,732,600	0	560,700	75,000
1989	0	425,800	3,777,700	1,682,200	0	735,900	88,000
1990	85,000	542,600	3,639,800	1,464,900	0	600,700	50,000
1991	0	287,800	3,312,300	1,655,400	0	761,100	249,200
1992	0	285,900	3,415,400	1,734,600	0	602,600	55,500
1993	0	320,300	3,107,000	1,578,600	0	502,700	101,000
1994	0	810,700	3,465,800	626,900	0	779,100	94,500
1995	0	452,700	3,729,500	1,201,700	105,600	684,000	150,800
1996	0	400,500	3,529,400	1,885,700	0	603,100	131,500
1997	0	434,000	3,045,100	1,722,200	0	592,300	115,000
1998	0	399,600	3,170,200	1,100,000	0	517,800	75,000
1999	0	364,800	2,295,600	1,796,200	0	522,400	50,700
2000	0	509,800	2,314,500	1,785,200	0	571,900	79,100
2001	0	419,100	2,261,000	1,794,600	0	548,200	76,100
2002	0	406,900	2,037,600	1,569,000	149,900	604,200	97,400
2003	0	428,200	2,379,300	2,106,500	0	600,900	81,500
2004	1,000	463,200	2,260,200	666,500	0	574,100	77,700
2005	0	434,300	2,283,700	1,507,100	0	571,600	82,600
2006	0	500,800	1,609,800	1,658,900	0	612,700	86,200
2007	0	334,400	1,590,900	1,125,900	0	534,100	80,400
10 year mean	100	426,110	2,220,280	1,510,990	14,990	565,790	78,670

Footnotes: <sup>1</sup>Reported value represents MI DNR stocking totals which may be different than the total numbers stocked within Michigan statistical districts.

Table 6. Millions of Service stocked yearling lake trout in Lake Michigan within each statistical district between 1976 and 2007. Fish stocked in refuge areas (Mid-lake Refuge, MLR and Northern Refuge, NR) are included in the statistical district totals and do not represent additional fish stocked.

Year	Statistical District													Refuge area		
	MM123	MM4	MM5	MM6	MM7	MM8	WM1,2	WM3	WM4	WM5	WM6	ILL	IND	TOTAL	MLR	NR
1976	0.466	0.102	0.111	0.150	0.477	0.150	0.172	0.102	0.315	0.104	0.075	0.160	0.164	2.548	0.277	
1977	0.426	0.131	0.091	0.134	0.188	0.135	0.153	0.100	0.308	0.258	0.104	0.166	0.177	2.370		0.050
1978	0.408	0.150	0.104	0.145	0.255	0.192	0.206	0.140	0.280	0.223	0.081	0.116	0.175	2.474		
1979	0.175	0.125	0.101	0.180	0.312	0.190	0.209	0.091	0.271	0.220	0.090	0.162	0.176	2.302		
1980	0.319	0.200	0.117	0.202	0.200	0.148		0.400	0.193	0.340	0.080	0.087	0.174	2.461	0.199	
1981	0.049		0.075	0.210	0.231	0.200		0.213	0.160	0.193	0.050	0.124	0.124	1.628	0.093	
1982	0.075		0.075	0.226	0.423	0.182		0.218	0.150	0.229	0.050	0.152	0.153	1.932	0.281	
1983	0.096	0.154	0.101	0.246	0.796	0.180		0.202	0.111			0.166	0.157	2.210	0.502	
1984		0.062		0.080	0.332	0.200		0.217				0.100	0.108	1.099	0.282	
1985	0.564	0.374	0.143	0.222				0.361		0.775		0.123		2.562	0.775	
1986	0.924	0.180	0.150	0.070				0.367		0.684		0.100		2.474	0.684	0.703
1987	0.746	0.060						0.351		0.714		0.102		1.973	0.714	0.746
1988	0.767	0.152	0.130		0.270			0.192		0.274		0.100		1.885	0.544	0.692
1989	0.772	0.166	0.157		0.300			0.208		0.300		0.103		2.006	0.600	0.688
1990	0.618				0.254					0.445		0.000		1.317	0.700	0.618
1991	1.096	0.229	0.344		0.216			0.196		0.598		0.101		2.779	0.722	0.773
1992	0.987	0.330	0.309		0.257			0.200		0.578		0.100		2.761	0.765	0.766
1993	0.994	0.330	0.308		0.166	0.096		0.196	0.087	0.329		0.096	0.095	2.697	0.495	0.793
1994	0.944	0.333	0.308	0.199	0.107	0.102		0.197		0.210		0.097		2.496	0.317	0.769
1995	0.729	0.188	0.055	0.139	0.245	0.230		0.123	0.086	0.247		0.060	0.058	2.159	0.372	0.581
1996	0.578	0.198	0.185	0.119	0.161	0.169		0.122	0.064	0.255		0.061	0.060	1.971	0.302	0.455
1997	0.570	0.205	0.207	0.128	0.283	0.063		0.121	0.122	0.267	0.060	0.120	0.089	2.235	0.308	0.449
1998	0.621	0.219	0.205	0.126	0.166	0.194		0.115	0.136	0.330	0.065	0.060	0.066	2.302	0.299	0.451
1999	0.610	0.215	0.213	0.121	0.167	0.197		0.118	0.118	0.327	0.054	0.064	0.068	2.274	0.302	0.449
2000	0.610	0.285	0.200	0.120	0.161	0.181		0.116	0.116	0.296	0.114		0.061	2.260	0.290	0.347
2001	0.589	0.245	0.227	0.141	0.064	0.207		0.154	0.130	0.433	0.062	0.059	0.072	2.382	0.305	0.444
2002	0.576	0.258	0.168	0.060	0.063	0.120		0.120		0.435	0.065	0.061	0.060	1.987	0.202	0.452
2003	0.567	0.273	0.228	0.131	0.060	0.239		0.119	0.120	0.430	0.056	0.061	0.070	2.354	0.204	0.298
2004	0.677	0.241	0.197	0.120	0.060	0.256		0.052	0.057	0.571	0.063	0.060		2.354	0.307	0.409
2005	0.976	0.207	0.200	0.230	0.060	0.234		0.081	0.136	0.437	0.060	0.063	0.066	2.750	0.303	0.360
2006	1.177	0.183	0.192	0.120	0.057	0.183		0.095	0.162	0.412	0.061	0.068	0.060	2.770	0.302	0.373
2007	1.080	0.478	0.354	0.121	0.060	0.179		0.121	0.111	0.425	0.058	0.056	0.060	3.103	0.363	0.740



Table 7. Total number of USFWS lake trout yearlings (Y) and fall fingerlings (FF) stocked in each priority stocking area within Lake Michigan in 2007. Strains stocked include Apostle Islands (SAW), Lewis Lake (LLW), Seneca Lake (SLW) and Traverse Island (STW).

Priority and Group Area	Stocking Site	Grid	Number Stocked	Strain	Life-Stage	Fin-clip	Off/on shore	
First Priority Northern Refuge (West Beaver Group)	Boulder Reef	413	90,917	SAW	Y	RPLV	Off	
			172,315	LLW	Y	RPLV	Off	
		Gull Island Shoal	414	286,128	SAW	Y	RPLV	Off
		High Island	314	190,540	SAW	Y	RPLV	Off
		Port Inland	213	84,376	SAW	Y	RPLV	On
	213		189,749	SAW	FF	RV	On	
	Northern Refuge (East Beaver Group)	Dahlia Shoal	417	61,834	LLW	Y	RPLV	Off
				63,599	SAW	Y	RPLV	Off
				73,956	STW	Y	RPLV	Off
		Subtotal		1,023,665 188,749		Y FF		
First Priority Deepwater Reefs Midlake Refuge	East Reef	1904	120,702	SAW	Y	RPLV	Off	
	Northeast Reef	1803	119,360	SAW	Y	RPLV	Off	
	Sheboygan Reef	1705	60,300	SAW	Y	RPLV	Off	
				SLW	Y	RPLV	Off	
	Subtotal		363,164		Y			
First Priority Other Deepwater Reefs	S. Milwaukee R.	2002	61,351	STW	Y	RPLV	Off	
	Julien's Reef (Emergency Plant)	2302	56,381	SLW	Y	RPLV	Off	
	Subtotal		117,732		Y			

Second Priority

MM3	Little Traverse Bay Maritime Academy	519	56,700	SAW	Y	RPLV	Off
		519	142,714	LLW	FF	RV	On
MM4	Acme	916	62,716	LLW	Y	RPLV	Off
			62,025	SAW	Y	RPLV	Off
	Greilickville	915	122,074	SAW	Y	RPLV	Off
	Lee's Reef	815	182,970	LLW	Y	RPLV	Off
	Old Mission	716	47,892	SAW	Y	RPLV	Off
MM5	Good Harbor Reef	814	121,344	LLW	Y	RPLV	Off
			30,014	SAW	Y	RPLV	Off
	Point Betsie	911	202,387	LLW	Y	RPLV	Off
MM6	Ludington Reef	1409	59,600	SAW	Y	RPLV	Off
	Portage Lake Reef	1111	61,237	LLW	Y	RPLV	Off
MM7	Stony Lake Reef	1609	11,643	LLW	Y	RPLV	Off
			48,712	SAW	Y	RPLV	Off
MM8	Lake Michigan Beach Reef	2410	60,442	SAW	Y	RPLV	Off
	Lakeside Reef	2608	60,273	LLW	Y	RPLV	Off
	Saugatuck Reef	2211	9,680	LLW	Y	RPLV	Off
			48,888	SAW	Y	RPLV	Off
	Subtotal		1,248,597		Y		
			142,714		F		

Third Priority

IND	Michiana Reef	2707	60,045	LLW	Y	RPLV	Off
WM3	Clay Banks	905	120,842	SAW	Y	RPLV	Off
WM4	Manitowoc Kewaunee	1303	111,461	SAW	Y	RPLV	Off
		1104	188,212	SAW	FF	RV	On
WM6	Wind Point Shoal	2102	57,834	STW	Y	RPLV	Off
	Subtotal		350,182		Y		
			188,212		FF		

**Grand Total**

**3,103,340**  
**520,675**

**Y**  
**FF**

Table 8. A summary of fin-clipped and otherwise marked fish stocked in Lake Michigan, 2007. Stage codes refer to age and size of fish at stocking (Y = yearling, F = fingerling, SF = spring fingerling, and FF = fall fingerling. Refer to the Great Lakes Fish Stocking Database for a complete listing of stage and fin-clip/mark codes ([www.glfc.org/fishstocking/](http://www.glfc.org/fishstocking/)).

Species/ Strain	State/ Tribe	Stocking location	Number stocked	Stage	Fin clip or mark
<u>Brown trout</u>					
Seeforellen	WI	Kewaunee River	31,384	Y	ADLM
	WI	Menominee River	32,423	Y	ADLM
	WI	Root River	27,101	Y	ADLM
<u>Chinook salmon</u>					
Lake Michigan	IL	Waukegon	83,489	F	RP
	IN	Buffington Harbor	50,060	SF	OX
	IN	Little Calumet	69,957	SF	OX
	IN	Trail Creek	70,024	SF	OX
	IN	Whiting Park	27,348	SF	OX
	MI	Big Sable River	120,251	SF	OX
	MI	Black River (South Haven)	45,086	SF	OX
	MI	Boardman River	45,519	SF	OX
	MI	Ford River	27,504	SF	OX
	MI	Grand River	248,901	SF	OX
	MI	Kalamazoo River	44,568	SF	OX
	MI	Kids Creek	100,075	SF	OX
	MI	Lake Macatawa	44,736	SF	OX
	MI	Little Bay DeNoc	21,401	SF	OX
	MI	Little Manistee River	101,234	SF	OX, ADCWT
	MI	Little Manistee River	276,130	SF	OX
	MI	Manistee River	69,352	SF	OX
	MI	Manistique River	45,644	SF	OX
	MI	Medusa Creek	102,886	SF	ADCWT
	MI	Medusa Creek	115,300	SF	OX
	MI	Muskegon Lake outlet	59,525	SF	OX

Species/ Strain	State/ Tribe	Stocking location	Number stocked	Stage	Fin clip or mark
<u>Chinook salmon</u>					
Lake Michigan	MI	Saint Joseph River	98,997	SF	ADCWT
	MI	Sportman's Club R.P. (MM8)	19,800	SF	OX
	WI	Ahnapee River	60,385	SF	OTC
	WI	Ellison Bay	61,725	SF	OTC
	WI	Lake Michigan, WI waters	156,607	SF	OTC
	WI	Little River	27,143	SF	OTC
	WI	Milwaukee Harbor	111,169	SF	OTC
	WI	Oconto River	69,046	SF	OTC
	WI	Kenosha Harbor	109,722	SF	OTC
	WI	Pike River	39,828	SF	OTC
	WI	Racine Harbor	80,972	SF	OTC
	WI	Sheboygan Harbor	96,973	SF	OTC
	WI	Sturgeon Bay Canal	37,000	SF	ADRV, OTC
	WI	Sturgeon Bay Canal	112,299	SF	OTC
<u>Steelhead</u>					
Arlee	IL	Chicago Harbors	30,418	F	LPRV
	IL	Evanston, Dawes Park	6,353	F	LPRV
	WI	Ahnapee River	10,995	Y	ADLP
	WI	Kenosha Harber	10,941	Y	ADLP
	WI	Manitowoc River	10,976	Y	ADLP
	WI	Milwaukee Harbor	10,991	Y	ADLP
	WI	Sheboygan Harbor	10,987	Y	ADLP
	WI	Sturgeon Bay Canal	10,976	Y	ADLP
Chambers Creek	WI	Kewaunee River	24,193	Y	LM
	WI	Root River	22,890	Y	LM
Ganaraska	WI	Kewaunee River	33,311	Y	ADLV
	WI	Root River	35,044	Y	ADLV
Kamloops	WI	Ahnapee River	10,256	Y	RV

Species/ Strain	State/ Tribe	Stocking location	Number stocked	Stage	Fin clip or mark
<u>Steelhead</u>	WI	Kenosha Harber	10,000	Y	RV
Kamloops	WI	Lake Michigan	9,784	Y	RV
	WI	Manitowoc River	9,784	Y	RV
	WI	Milwaukee Harbor	11,160	Y	RV
	WI	Sheboygan Harbor	9,840	Y	RV
	WI	Sister Bay	9,928	Y	RV
Lake Michigan	IN	St. Joseph River	40,792	Y	RP
	MI	Betsie River	20,525	Y	LV
	MI	Betsie River	19,562	Y	RP
Skamania	IL	Chicago, Diversey Harbor	29,650	F	ADRP
	IL	Waukegon, South Harbor	28,082	F	ADRP
	MI	Manistee River	33,772	Y	RP
	WI	Kewaunee River	25,245	Y	RM
	WI	Root River	35,210	Y	RM
<u>Lake Sturgeon</u>					
Wolf River	WI	Branch River	16	FF	LV, PIT
	WI	Manitowoc River	48	FF	LV, PIT
	WI	Milwaukee River	157	FF	RV
Menominee	MI	Cedar River	189	FF	PIT
	MI	Whitefish River	722	FF	LV
<u>Muskellunge</u>					
Great Lakes Spotted	WI	Fox River, lock channel		Y	RV,PIT
	WI	Green Bay		Y	RV,PIT
	WI	Suamico River		Y	RV,PIT
	WI	Little Sturgeon Bay		Y	RV,PIT
	WI	Sawyer Harbor		Y	RV,PIT
	WI	Sturgeon Bay		Y	RV,PIT
	WI	Peshtigo River		Y	RV,PIT
	WI	Pensaukee River		Y	RV,PIT

Species/ Strain	State/ Tribe	Stocking location	Number stocked	Stage	Fin clip or mark
<u>Walleye</u>					
Big Bay DeNoc	CORA	Northport Bay	101,200	SF	OTC
	CORA	Sutton's Bay	39,950	SF	OTC
Lake Michigan	WI	Milwaukee River	10,741	FF	RV

Table 9. Numbers of non-salmonid fingerlings, yearlings and adult stages of fish stocked in Lake Michigan from all jurisdictions between 1989 and 2007. All fry stockings are footnoted at the bottom.

	Bluegill	Hybrid Sunfish	Lake Sturgeon	Muskellunge	Northern Pike	Smallmouth Bass	Walleye	Yellow Perch
1989	0	0	0	11,291	0	39,284	592,310 <sup>(1)</sup>	3,796
1990	0	0	0	1,274	467,000	0	3,261,495	0
1991	0	0	0	0	39	0	1,000,416 <sup>(2)</sup>	0
1992	0	0	0	0	0	0	1,024,539	0
1993	0	0	0	0	413,179	0	445,369	0
1994	0	0	0	0	0	0	1,309,036	4,025
1995	0	0	0	0	0	0	832,548	145,402
1996	0	0	0	0	0	0	706,850	0
1997	0	0	0	0	0	0	481,189	0
1998	0	0	4,972	2,109	150	0	1,503,421 <sup>(3)</sup>	0
1999	2,257	0	8,615	963	0	0	715,409 <sup>(4)</sup>	0
2000	0	0	0	0	0	0	105,000	0
2001	0	0	1,427	629	0	0	10,102,303	2,003
2002	0	1,296	0	0	1	50	4,283,547	5,726
2003	0	0	0	24,723	0	0	4,597,735	0
2004	0	0	2,200	20,125	0	0	1,171,300	0
2005	0	0	1,100	18,934	0	0	908,420 <sup>(5)</sup>	0
2006	0	0	252	19,892	0	0	398,002	0
2007	0	0	1,132	639	0	0	151,891	0

Footnotes: Additional stockings of walleye fry: <sup>(1)</sup>2.775 million in 1989, <sup>(2)</sup>1.182 million in 1991, <sup>(3)</sup>5.8 million in 1998, and <sup>(4)</sup>6.5 million in 1999, <sup>(5)</sup>0.6 million in 2005.