

Lake Michigan Committee Meeting
Ypsilanti, Michigan
March 23-24, 2011

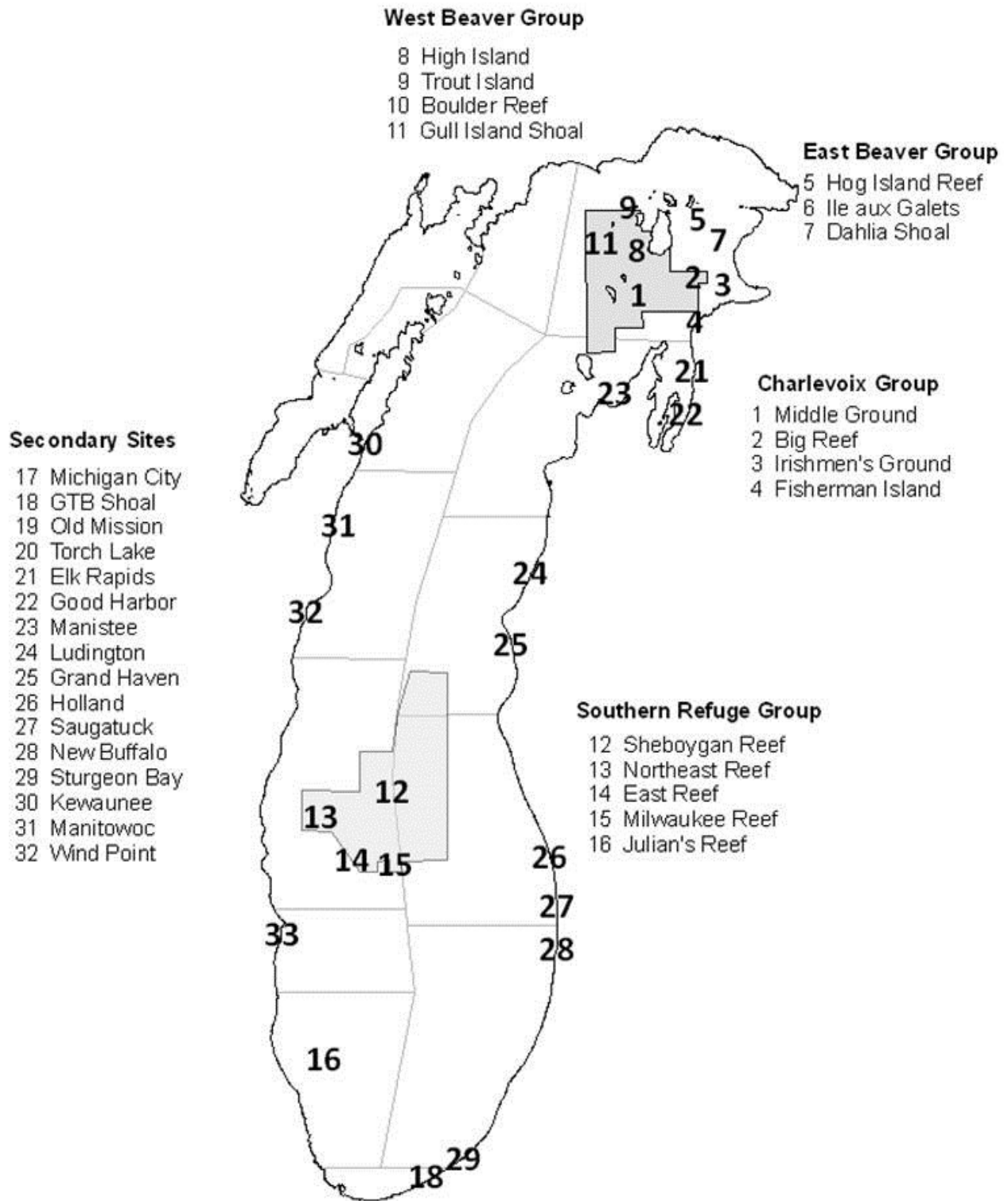


Salmonid Stocking Totals for Lake Michigan 1976-2010

U.S. Fish & Wildlife Service
Green Bay National Fish & Wildlife Conservation Office
2661 Scott Tower Drive
New Franken, WI 54229

The Great Lakes Fishery Commission's fish stocking database is designed to summarize federal, provincial, state, and tribal fish stocking events. This database contains agency provided records dating back to the 1950's and is available online at: (<http://www.glfsc.org/fishstocking/>). The purpose of this report is to briefly summarize the information in the GLFC database for Lake Michigan federal lake trout stocking and stocking rates of all salmonids within state waters of Lake Michigan (Table 1). A summary of lake trout stocking locations, described by priority area in *A Fisheries Management Implementation Strategy for the Rehabilitation of Lake Trout in Lake Michigan* (Dexter et al. 2011), is also included (Figure 1, Table 2). Total numbers of Service stocked lake trout are shown by statistical district for the time series 1976 – 2010 in Table 3 while salmonid stocking totals for each state are described in Tables 4-7 (Wisconsin, Illinois, Indiana, and Michigan, respectively).

Figure 1. First and 2nd priority areas as described in *A Fisheries Management Implementation Strategy for the Rehabilitation of Lake Trout in Lake Michigan* (Dexter et al. 2011).



2010 stocking overview: 12.3 million salmonids (combined species) were stocked in Lake Michigan in 2010, (Table 1). This number reflects slight increases in chinook salmon and lake trout stocking numbers compared to 2009. Chinook stocking has been stable since the 25% stocking reduction for Chinook salmon was enacted in 2006. As of 2007, slightly greater numbers of lake trout have been stocked relative to Chinook salmon (Figure 2).

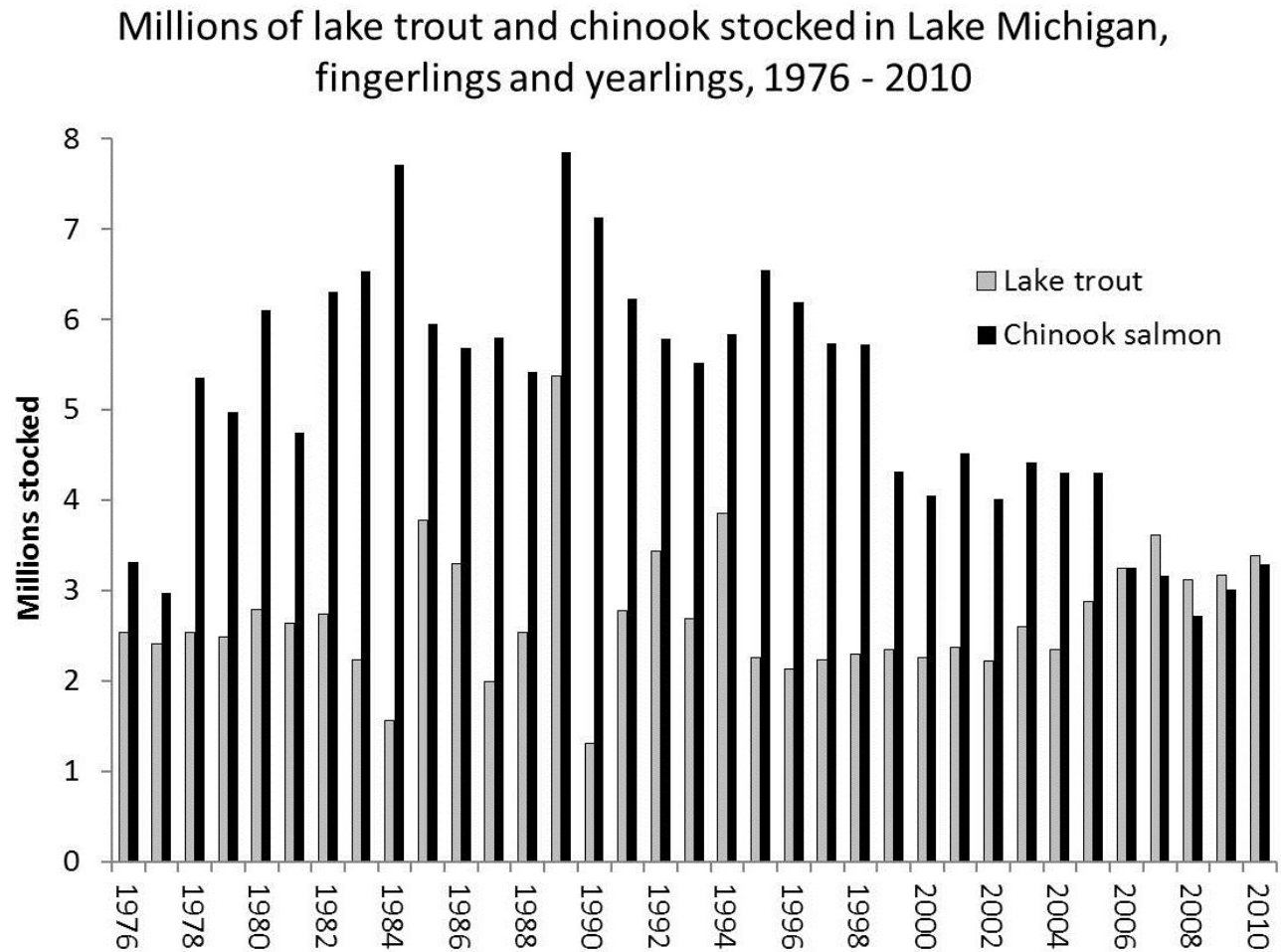


Figure 2. Numbers of lake trout and Chinook salmon stocked in Lake Michigan, 1976 – 2010. Lake trout numbers reflect yearling and fall fingerling stages combined.

Table 1. Millions of salmonids, fingerling and yearling stages combined, stocked in Lake Michigan between 1976 and 2010.

	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	2.546	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	3.255	1.788	0.166	12.504
2007	0.000	0.000	1.471	3.173	2.269	3.624	2.000	0.125	12.662
2008	0.000	0.005	1.469	2.725	2.029	3.122	1.618	0.087	11.056
2009	0.000	0.000	1.632	3.020	1.746	3.177	2.068	0.000	11.643
2010	0.000	0.041	1.426	3.295	2.516	3.385	1.677	0.000	12.339
10 year mean	0.000	0.022	1.588	3.703	2.382	2.902	1.869	0.096	12.563

Table 2. Total number of USFWS lake trout yearlings (Y) and fall fingerlings (FF) stocked in each priority stocking area within Lake Michigan in 2009. Strains stocked include Apostle Islands (SAW), Lewis Lake (LLW), and Seneca Lake (SLW).

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	121,765	LLW	Y	LPRV	Off
	Gull Island Shoal	413	108,505	LLW	Y	LPRV	Off
	Gull Island Shoal	413	6,324	SAW	Y	LPRV	Off
	High Island	314	171,756	SLW	Y	LPRV	Off
	High Island	314	132,920	LLW	Y	LPRV	Off
	Trout Island	314	121,029	LLW	Y	LPRV	Off
Northern Refuge East Beaver Group	Dahlia Shoal	417	58,303	SAW	Y	LPRV	Off
	Dahlia Shoal	417	13,724	LLW	Y	LPRV	Off
	Dahlia Shoal	417	39,156	LLW	Y	ADCWT	Off
	Dahlia Shoal	417	111,305	SLW	Y	LPRV	Off
	Hog Island Reef	317	26,486	SLW	Y	LPRV	Off
	Ile aux Galets	317	222,756	SAW	Y	LPRV	Off
Northern Refuge Charlevoix Group	Big Reef	516	41,902	SLW	Y	LPRV	Off
	Big Reef	516	48,106	SAW	Y	LPRV	Off
	Fisherman Island	616	49,769	LLW	Y	LPRV	Off
	Fisherman Island	616	39,351	LLW	Y	ADCWT	Off
	Irishmen's Ground	517	81,071	SAW	Y	LPRV	Off
	Middle Ground	514	49,360	SLW	Y	LPRV	Off
	Middle Ground	514	39,890	LLW	Y	ADCWT	Off
First Priority Northern Refuge Subtotal			1,483,478		Y		
Southern Refuge Mid-Lake Deep Reefs	Julian's Reef	2403	120,166	SLW	Y	LPRV	Off
	Milwaukee Reef	1906	197,750	SLW	Y	LPRV	Off
	Northeast Reef	1803	211,192	SLW	Y	LPRV	Off
	Sheboygan Reef	1706	205,345	SLW	Y	LPRV	Off
First Priority Southern Refuge Subtotal			734,453		Y		

Second Priority Areas

IND	Michigan City	2707	38,385	LLW	Y	LPRV	On
IND	Michigan City	2707	50,000	SLW	FF	ADCWT	On
MM4	Elk Rapids	816	84,991	SAW	Y	LPRV	Off
MM4	Maritime Academy	915	54,200	LLW	Y	LPRV	On
MM4	Old Mission	716	7,171	SAW	Y	LPRV	Off
MM4	Old Mission	716	41,836	LLW	Y	LPRV	Off
MM4	Old Mission	816	127,905	LLW	Y	LPRV	On
MM5	Good Harbor	814	75,750	SLW	Y	LPRV	Off
MM5	Point Betsie	911	65,750	SLW	Y	LPRV	Off
MM6	Ludington	1410	34,603	LLW	Y	LPRV	On
MM6	Manistee	1210	37,071	SAW	Y	LPRV	On
MM7	Grand Haven	1911	55,550	SAW	FF	ADCWT	On
MM8	New Buffalo	2708	60,237	SLW	FF	ADCWT	On
MM8	South Haven	2310	55,550	SAW	FF	ADCWT	On
WM3	Sturgeon Bay	905	59,262	SAW	Y	LPRV	On
WM4	Kewaunee Harbor	1104	18,500	SAW	Y	LPRV	On
WM4	Kewaunee Harbor	1104	66,866	SLW	FF	ADCWT	On
WM4	Manitowoc	1303	45,059	SLW	FF	ADCWT	On
WM4	Manitowoc	1303	23,751	SAW	FF	ADCWT	On
WM6	Wind Point	2102	10,516	SLW	Y	LPRV	On
WM6	Wind Point	2102	35,984	SAW	Y	LPRV	On
WM6	Wind Point	2102	70,754	SLW	FF	ADCWT	On
	Secondary Zone		691,924		Y		
	Subtotals		427,767		FF		
	Total Stocked		2,909,855		Y		

Table 3. Millions of Service stocked yearling lake trout in Lake Michigan, by statistical district, between 1980 and 2010. Fish stocked in refuge areas (Northern Refuge (NR) and Southern Refuge (SR)) 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	NR	SR
1980	0.319	0.200	0.117	0.202	0.200	0.148	0.000	0.400	0.193	0.340	0.080	0.087	0.174	2.461	0.319	0.199
1981	0.049	0.000	0.075	0.210	0.231	0.200	0.000	0.213	0.160	0.193	0.050	0.124	0.124	1.628	0.049	0.217
1982	0.075	0.000	0.075	0.226	0.423	0.182	0.000	0.218	0.150	0.229	0.050	0.152	0.153	1.932	0.075	0.433
1983	0.096	0.154	0.101	0.246	0.796	0.180	0.000	0.202	0.111	0.000	0.000	0.166	0.157	2.210	0.096	0.669
1984	0.000	0.062	0.000	0.080	0.332	0.200	0.000	0.217	0.000	0.000	0.000	0.100	0.108	1.099	0.000	0.382
1985	0.564	0.374	0.143	0.222	0.000	0.000	0.000	0.361	0.000	0.775	0.000	0.123	0.000	2.562	0.564	0.898
1986	0.924	0.180	0.150	0.070	0.000	0.000	0.000	0.367	0.000	0.684	0.000	0.100	0.000	2.474	0.924	0.784
1987	0.746	0.060	0.000	0.000	0.000	0.000	0.000	0.351	0.000	0.714	0.000	0.102	0.000	1.973	0.746	0.816
1988	0.767	0.152	0.130	0.000	0.270	0.000	0.000	0.192	0.000	0.274	0.000	0.100	0.000	1.885	0.767	0.644
1989	0.772	0.166	0.157	0.000	0.300	0.000	0.000	0.208	0.000	0.300	0.000	0.103	0.000	2.006	0.772	0.703
1990	0.618	0.000	0.000	0.000	0.254	0.000	0.000	0.000	0.000	0.445	0.000	0.000	0.000	1.317	0.618	0.700
1991	1.096	0.229	0.344	0.000	0.216	0.000	0.000	0.196	0.000	0.598	0.000	0.101	0.000	2.779	1.096	0.823
1992	0.987	0.330	0.309	0.000	0.257	0.000	0.000	0.200	0.000	0.578	0.000	0.100	0.000	2.761	0.987	0.865
1993	0.994	0.330	0.308	0.000	0.166	0.096	0.000	0.196	0.087	0.329	0.000	0.096	0.095	2.697	0.994	0.591
1994	0.944	0.333	0.308	0.199	0.107	0.102	0.000	0.197	0.000	0.210	0.000	0.097	0.000	2.496	0.944	0.414
1995	0.729	0.188	0.055	0.139	0.245	0.230	0.000	0.123	0.086	0.247	0.000	0.060	0.058	2.159	0.729	0.431
1996	0.578	0.198	0.185	0.119	0.161	0.169	0.000	0.122	0.064	0.255	0.000	0.061	0.060	1.971	0.578	0.363
1997	0.570	0.205	0.207	0.128	0.283	0.063	0.000	0.121	0.122	0.267	0.060	0.120	0.089	2.235	0.570	0.368
1998	0.621	0.219	0.205	0.126	0.166	0.194	0.000	0.115	0.136	0.330	0.065	0.060	0.066	2.302	0.621	0.359
1999	0.610	0.215	0.213	0.121	0.167	0.197	0.000	0.118	0.118	0.327	0.054	0.064	0.068	2.274	0.610	0.366
2000	0.610	0.285	0.200	0.120	0.161	0.181	0.000	0.116	0.116	0.296	0.114	0.000	0.061	2.260	0.610	0.290
2001	0.589	0.245	0.227	0.141	0.064	0.207	0.000	0.154	0.130	0.433	0.062	0.059	0.072	2.382	0.589	0.364
2002	0.576	0.258	0.168	0.060	0.063	0.120	0.000	0.120	0.000	0.435	0.065	0.061	0.060	1.987	0.576	0.263
2003	0.567	0.273	0.228	0.131	0.060	0.239	0.000	0.119	0.120	0.430	0.056	0.061	0.070	2.354	0.567	0.366
2004	0.677	0.241	0.197	0.120	0.060	0.256	0.000	0.108	0.057	0.515	0.063	0.060	0.000	2.354	0.677	0.367
2005	0.976	0.207	0.200	0.230	0.060	0.234	0.000	0.081	0.136	0.437	0.060	0.063	0.066	2.750	0.976	0.366
2006	1.177	0.183	0.192	0.120	0.057	0.183	0.000	0.095	0.162	0.412	0.061	0.068	0.060	2.770	1.177	0.370
2007	1.080	0.478	0.354	0.121	0.060	0.179	0.000	0.121	0.111	0.425	0.058	0.056	0.060	3.103	1.080	0.420
2008	1.178	0.344	0.192	0.133	0.038	0.057	0.000	0.056	0.057	0.613	0.050	0.127	0.038	2.882	1.178	0.739
2009	1.442	0.234	0.108	0.076	0.000	0.000	0.000	0.041	0.010	0.613	0.026	0.118	0.022	2.691	1.442	0.731
2010	1.483	0.316	0.142	0.072	0.000	0.000	0.000	0.059	0.019	0.614	0.047	0.120	0.038	2.910	1.483	0.734

Table 4. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Wisconsin waters of Lake Michigan, 1976 – 2010.

Year	Brook trout	Brown trout	Chinook salmon	Coho salmon	Lake trout	Rainbow trout	Splake
1976	6,900	298,212	1,291,840	716,773	-	999,629	-
1977	643,352	802,193	912,608	491,346	-	712,031	-
1978	242,625	1,233,101	2,017,149	499,300	-	622,642	-
1979	187,330	959,542	1,963,811	319,865	-	1,211,340	-
1980	184,900	1,046,493	2,429,500	491,876	-	1,146,838	-
1981	199,867	1,014,198	1,848,260	318,500	-	996,752	-
1982	259,000	1,820,693	2,520,700	216,040	49,417	1,041,628	-
1983	300,158	1,554,818	2,791,700	356,500	31,480	1,492,804	-
1984	225,042	1,184,934	2,891,850	551,494	20,440	1,380,834	34,160
1985	307,065	1,170,070	2,740,800	1,044,222	-	431,891	54,488
1986	188,296	882,934	2,377,567	267,171	76,000	801,044	115,000
1987	94,777	836,762	2,263,484	624,432	-	562,192	-
1988	466,486	1,020,904	1,409,293	1,019,866	-	307,678	28,880
1989	150,100	972,699	2,713,891	511,286	-	495,281	-
1990	315,148	1,229,055	2,379,331	498,355	-	460,591	-
1991	326,100	981,523	1,734,618	402,804	-	586,922	147,000
1992	272,420	1,228,615	1,523,139	568,519	-	569,380	43,830
1993	294,094	1,333,311	1,600,120	-	-	679,181	40,000
1994	268,586	1,261,136	1,548,557	457,249	-	798,327	71,700
1995	327,957	1,325,118	1,901,420	722,081	-	553,441	-
1996	167,794	1,301,118	1,726,957	563,588	-	565,880	69,912
1997	114,530	1,279,830	1,917,116	514,712	-	569,950	40,000
1998	307,765	1,242,769	1,591,539	504,894	-	533,092	22,000
1999	190,669	1,181,306	1,308,766	520,224	-	521,351	26,667
2000	44,580	1,056,347	1,010,830	253,712	-	197,940	-
2001	101,500	1,257,559	1,502,607	512,774	-	641,747	54,502
2002	50,388	1,211,758	1,419,303	595,491	-	545,539	28,509
2003	23,877	1,080,538	1,511,206	540,145	-	758,275	22,086
2004	-	1,021,711	1,502,885	484,840	-	430,601	43,859
2005	-	952,104	1,475,456	515,978	-	553,861	16,259
2006	-	1,009,330	1,166,185	387,639	-	578,444	80,056
2007	-	994,566	1,112,683	610,282	-	705,133	44,352
2008	-	885,728	725,605	282,930	-	393,297	-
2009	-	934,420	995,804	344,471	-	636,329	-
2010	40,546	735,493	1,234,994	345,464	-	446,247	-
10 year mean	21,631	1,008,321	1,264,673	462,001	-	568,947	28,962

Table 5. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Illinois waters of Lake Michigan, 1976 – 2010.

Year	Brook trout	Brown trout	Chinook salmon	Coho salmon	Lake trout	Rainbow trout
1976	6,420	94,265	141,999	80,261		45,254
1977		42,200	346,696	102,742		276,164
1978	5,000	13,380	611,351	278,780		39,848
1979	8,260	1,000	183,090	289,440		215,448
1980	19,500	23,762	152,181	39,000		112,880
1981		65,080	430,600	323,814		186,368
1982		18,300	793,270	158,675		169,950
1983		50,925	533,600			
1984		88,452	537,750	276,800		164,678
1985		114,695	195,000	304,600	135,506	146,265
1986		59,324	215,000	312,191	111,000	151,908
1987		88,466	539,111	187,071	24,984	88,950
1988		94,695	456,805	297,272	66,548	116,097
1989		105,484	650,425	99,690	27,223	110,490
1990			479,400	302,600		
1991		113,912	496,338	312,731		133,718
1992		100,107	352,669	308,581		105,271
1993		105,117	364,197	117,789		182,101
1994		100,528	285,583	328,004		74,625
1995		98,211	362,718	308,204		99,068
1996		85,160	124,950	305,581		50,071
1997		90,085	360,117	302,288		91,678
1998		100,000	366,172	305,835		102,983
1999		102,665	304,645	301,589		84,660
2000		100,000	305,706	302,300		100,000
2001		72,316	304,000	300,900		87,608
2002		100,000	305,341	300,992		106,464
2003		100,000	299,462	244,066		126,852
2004		70,000	302,673	300,076		112,723
2005		100,170	295,242	301,006		111,396
2006		57,568	251,612	304,242		105,203
2007		100,638	252,265	301,377		117,317
2008		100,145	254,009	282,208		107,043
2009		100,174	236,983	300,559		102,146
2010		104,954	251,143	308,805		112,249
10 year mean	0	90,597	275,273	294,423	0	108,900

Table 6. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Indiana waters¹ of Lake Michigan, 1976 – 2010.

Year	Brown trout	Chinook salmon	Coho salmon	Rainbow trout
1976	199,000	38,000	179,473	217,069
1977	109,000	141,373	179,000	47,731
1978	131,010	213,209	105,000	129,739
1979	68,526	530,670	117,506	181,905
1980	116,125	621,351	169,486	69,803
1981	58,110	263,392	101,953	230,357
1982		313,071	160,381	247,709
1983		238,383	127,555	378,344
1984		405,912	156,304	258,822
1985	7,350	761,753	139,018	509,367
1986		697,658	132,854	635,700
1987		569,210	161,781	511,156
1988		879,839	160,365	461,345
1989		717,419	40,720	503,497
1990		630,236	114,153	538,788
1991		694,351	99,980	493,206
1992		504,231	100,765	411,787
1993		458,606	12,316	315,640
1994		536,964	84,397	568,057
1995		555,001	169,109	542,003
1996		571,569	357,027	577,620
1997		422,559	80,817	610,039
1998		593,512	148,320	464,034
1999		415,419	146,882	551,537
2000		417,776	157,748	374,548
2001		450,715	157,048	571,446
2002	35,000	253,000	224,797	605,181
2003	40,400	232,395	233,248	591,991
2004	46,238	237,052	236,026	465,220
2005	36,371	251,281	237,009	933,047
2006	42,900	225,131	79,018	491,417
2007	41,110	217,389	231,342	643,546
2008	22,556	215,770	248,667	572,000
2009	23,039	206,714	239,846	602,445
2010	35,053	232,789	252,186	566,170
10 year mean	32,267	252,224	213,919	604,246

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

Table 7. Number of fingerling and yearling salmonids, excluding USFWS stocked lake trout, stocked in Michigan waters¹ of Lake Michigan, 1976 – 2010.

Year	Brook trout	Brown trout	Chinook salmon	Coho Salmon	Lake trout	Rainbow trout	Splake
1976	61,290	537,333	1,845,218	2,219,892	-	600,627	-
1977	-	206,470	1,576,202	2,314,130	-	276,102	-
1978	-	125,038	2,523,554	1,801,961	-	1,140,591	-
1979	-	198,781	2,306,700	3,317,032	75,000	980,763	-
1980	-	105,458	2,902,892	2,243,008	62,000	1,300,584	-
1981	8,000	32,000	2,204,741	1,707,164	453,230	557,693	-
1982	-	300,000	2,685,086	1,645,435	90,000	1,066,127	-
1983	-	574,006	2,975,730	1,879,957	-	723,464	-
1984	8,000	529,560	3,874,237	1,969,449	-	1,307,049	-
1985	-	505,532	2,258,470	1,692,954	-	737,300	-
1986	8,600	491,795	2,402,453	1,579,181	-	632,877	-
1987	22,500	415,941	2,428,952	1,331,287	-	668,411	17,747
1988	-	400,136	2,670,933	1,732,590	-	544,315	75,000
1989	-	425,792	3,777,744	1,682,229	-	735,897	88,000
1990	85,000	542,646	3,639,756	1,464,945	-	600,680	50,000
1991	-	287,844	3,312,255	1,655,396	-	761,077	249,200
1992	-	285,885	3,415,426	1,734,592	-	602,577	55,496
1993	-	320,294	3,107,027	1,578,646	-	502,736	101,030
1994	-	810,716	3,465,751	626,914	-	779,086	94,548
1995	-	452,731	3,729,454	1,201,734	105,628	683,967	150,819
1996	-	400,468	3,529,424	1,885,735	-	603,058	131,499
1997	-	434,014	3,045,101	1,722,219	-	592,339	114,974
1998	-	399,584	3,170,173	1,100,039	-	517,785	75,000
1999	-	364,808	2,295,649	1,796,218	-	522,438	50,664
2000	-	509,815	2,314,490	1,785,240	-	571,862	79,139
2001	-	419,081	2,260,965	1,794,647	-	548,172	76,090
2002	-	406,917	2,037,558	1,568,973	149,927	604,173	97,434
2003	-	428,240	2,379,317	2,106,472	-	600,896	81,500
2004	1,000	463,150	2,260,211	666,474	-	574,119	77,732
2005	-	434,300	2,283,737	1,507,100	-	571,596	82,606
2006	-	500,831	1,609,841	1,658,880	-	612,736	86,200
2007	-	334,376	1,590,909	1,125,860	-	534,092	80,350
2008	4,960	460,897	1,529,994	1,215,149	-	545,926	86,993
2009	-	574,669	1,580,535	861,145	80,000	727,554	-
2010	-	550,563	1,575,713	1,609,802	47,000	552,294	-
10 year mean	596	457,302	1,910,878	1,411,450	27,693	587,156	66,891

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