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## Summary of Trout and Salmon Stocking in Lake Michigan 1976-2001

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This report summarizes trout and salmon stocking in Lake Michigan from 1976-2001. Stocking information was provided by the Department of Natural Resources of Illinois, Indiana, Michigan and Wisconsin, who stock Pacific salmon, brown trout, and splake, and the U.S. Fish and Wildlife Service, who provides all lake trout for restoration purposes. These data should be considered provisional because not all agencies have officially verified the stocking numbers. With the exception of lake trout, no attempt was made to express stocking totals in yearling equivalents. Consequently, numbers for all life stages stocked for a given species were added together. To accurately examine trends in adult trout and salmon abundance in Lake Michigan, detailed information on hatchery programs, genetic strains, size at stocking, and stocking practices would have to be considered.

Lakewide Trends: The number of trout and salmon stocked into Lake Michigan in 2001 totaled 12.9 million fish (Table 1), which was 49,000 fewer fish than last year. This level of stocking was 1.6 million less than the long term average of 14.5 million, and one of the lowest levels since 1977. Total stocking peaked at 17.3 million fish in 1984.

Chinook Salmon: Chinook salmon stocking in Lake Michigan decreased to 4.2 million fish in 2001, which was about 200,000 fewer fish than last year (Table 1). Wisconsin and Indiana stocked more chinook salmon in 2001 than in 2000 and Michigan and Illinois stocked fewer than in the previous year (Tables 2-5). Annual stocking has ranged from 2.8 million fish in 1977 to 6.4 million in 1995.

Coho Salmon: The number of coho salmon stocked increased in 2001; 2.8 million were stocked compared to 2.7 million in 2000 (Table 1). Numbers of coho stocked in 2001 increased slightly in Wisconsin and Michigan, decreased in Illinois, and stayed the same in Indiana (Tables 2-5).

Rainbow Trout/Steelhead: Rainbow trout/steelhead stocking increased from 1.5 million in 2000 to 1.8 million in 2001 (Table 1), and was due to an increase in stocking by Wisconsin, Michigan and Indiana (Tables 2-5).

Brown Trout: Brown trout stocking decreased from 1.8 million fish in 2000 to 1.7 million in 2001 (Table 1). Wisconsin continues to stock the majority (71%) of brown trout (Tables 2-5).

Brook Trout: All of the 90,000 brook trout stocked into Lake Michigan in 2001 were in Wisconsin waters (Tables 1-2), which was 70,000 fewer fish than in 2000.

Splake: Only Michigan and Wisconsin stocked splake in 2001. The number of splake totaled 104,000 fish, a decrease from 115,000 stocked last year in 2000 (Tables 1, 2 and 5).

Lake Trout: There were 2.3 million lake trout stocked into Lake Michigan in 2001, which was the same number of fish stocked in 2000 (Tables 1 and 6). All fish were reared to an average size of 12.7 fish/lb.

Marked Fish: Trout and salmon that were stocked with designated fin clips in 2001 are summarized in Table 7. Details on the studies or evaluations that include the fish marked are available from the state agency that stocked the fish.



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Table 6. Lake Michigan lake trout stocking by rehabilitation zone in 2001.

<b>Fish age</b>	<b>Rehabilitation Zone</b>	<b>Grid</b>	<b>Number Stocked</b>	<b>Finclip/ Mark</b>	<b>Strain</b>	<b>Off/ Onshore</b>
Yearlings	<b>Northern Refuge</b>					
	Boulder Reef	413	47,490	ADCWT	Lewis Lake	off
		413	50,000	ADCWT	Apostle Islands	off
		413	51,000	ADCWT	Isle Royale	off
	Gull Island Shoal	414	48,427	ADCWT	Lewis Lake	off
		414	50,300	ADCWT	Apostle Islands	off
		414	50,800	ADCWT	Isle Royale	off
	Richard's Reef	414	48,009	ADCWT	Lewis Lake	off
		414	47,000	ADCWT	Apostle Islands	off
		414	50,800	ADCWT	Isle Royale	off
	subtotal		443,826			
	<b>Midlake Refuge</b>					
	Sheboygan Reef	1705	51,000	ADCWT	Green Lake	off
		1705	51,000	ADCWT	Seneca Lake	off
	Northeast Reef	1803	50,500	ADCWT	Seneca Lake	off
	1803	50,500	ADCWT	Green Lake	off	
East Reef	1904	51,000	ADCWT	Seneca Lake	off	
	1904	51,000	ADCWT	Green Lake	off	
subtotal		305,000				
<b>Primary Zone</b>						
Clay Banks	905	153,600	RPLV	Lewis Lake	off	
Julien's Reef	2403	27,000	ADCWT	Green Lake	off	
	2403	32,240	ADCWT	Lewis Lake	off	
Little Traverse Bay	519	74,999	RPLV	Apostle Islands	on	
Old Mission Point	716	25,500	RVLV	Seneca Lake	off	
	716	68,958	RPLV	Lewis Lake	off	

<b>Fish</b>	<b>Number</b>	<b>Finclip/</b>	<b>Off/</b>
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age	Rehabilitation Zone	Grid	Stocked	Mark	Strain	Onshore
	Acme	916	44,745	RPLV	Lewis Lake	off
	Lee's Reef	815	59,635	RPLV	Lewis Lake	off
	Greillickville	915	46,250	RPLV	Lewis Lake	off
	Good Harbor Bay	814	51,060	RPLV	Apostle Islands	off
		814	71,480	RPLV	Lewis Lake	off
	Point Betsie	911	104,000	RPLV	Lewis Lake	off
	Trout Island Shoal	314	70,160	RPLV	Lewis Lake	off
	subtotal		829,627			
	<b>Secondary Zone</b>					
	Lakeside Reef	2608	69,600	RPLV	Apostle Islands	off
	Stony Lake Reef	1609	63,600	RPLV	Apostle Islands	off
	Michiana Reef	2706	72,000	RPLV	Lewis Lake	off
	Norheim Reef	1303	70,000	RPLV	Lewis Lake	on
	Portage Lake Reef	1111	45,870	RPLV	Apostle Islands	off
		1111	19,404	RPLV	Lewis Lake	off
	Beach Reef	2410	28,750	RPLV	Apostle Islands	off
		2410	41,760	RPLV	Lewis Lake	off
	Ludington Reef	1409	75,330	RPLV	Apostle Islands	off
	Kewaunee Shoal	1104	60,000	RPLV	Seneca Lake	off
	S. Milwaukee Reef	2002	68,070	RPLV	Lewis Lake	off
	Wind Point Shoal	2102	26,000	RPLV	Marquette	off
		2102	35,800	RPLV	Isle Royale	off
	Saugatuck Reef	2211	66,975	RPLV	Apostle Islands	off
	Sheboygan	1502	60,000	RPLV	Isle Royale	off
	subtotal		803,159			
	<b>Grand Total</b>		<b>2,260,150</b>			

Table 7. A summary of trout and salmon stocked into Lake Michigan in 2001 that were marked with fin clips.

Species/ strain	State	Location stocked	Number stocked	Fin clip
Coho Salmon	MI	Platte River	52,308	LV
	WI	Root River	11,080	ADCWT
Chinook Salmon	IL	Waukegan South	102,000	LP
	MI	Black River	52,272	oxytetracycline
	MI	Boardman River	234,520	oxytetracycline
	MI	Escanaba River	15,000	oxytetracycline
	MI	Ford River	50,000	oxytetracycline
	MI	Grand River	338,929	oxytetracycline
	MI	Kalamazoo River	54,602	oxytetracycline
	MI	Little Bay DeNoc	15,000	oxytetracycline
	MI	Little Manistee River	101,924	ADCWT
	MI	Little Manistee River	196,653	ADCWT oxytetracycline
	MI	Little Manistee River	195,107	oxytetracycline
	MI	Macatawa River	54,638	oxytetracycline
	MI	Manistee River	96,197	oxytetracycline
	MI	Manistique River	70,000	oxytetracycline
	MI	Muskegon River	97,076	oxytetracycline
	MI	Portage Lake	49,245	oxytetracycline
	MI	Sable River	151,157	oxytetracycline
	MI	St. Joseph River	152,947	ADCWT oxytetracycline
	MI	St. Joseph River	37,000	oxytetracycline
	WI	Algoma	88,051	oxytetracycline
WI	East Twin River	48,000	oxytetracycline	

Species/ strain	State	Location stocked	Number stocked	Fin clip
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WI	Ellison Bay	60,390	oxytetracycline
WI	Holtwood Park	68,000	oxytetracycline
WI	Kewaunee River	82,383	oxytetracycline
WI	Manitowoc River	84,223	oxytetracycline
WI	Menominee River	138,260	oxytetracycline
WI	Strawberry Creek	24,600	ADCWT oxytetracycline
WI	Strawberry Creek	180,582	oxytetracycline
WI	West Twin River	48,600	oxytetracycline
IND	East Chicago	79,895	oxytetracycline
IND	Little Calumet River	80,151	oxytetracycline
IND	Lake Michigan	153,520	oxytetracycline
IND	St. Joseph River	40,006	oxytetracycline
IND	Trail Creek	40,143	oxytetracycline
IND	Whiting Park	57,000	oxytetracycline

Steelhead

Skamania	IL	Manistee River	30,253	DOLV
	WI	Kewaunee River	39,525	ADRM
	WI	Root River	35,247	ADRM
Michigan	MI	Bear River	8,000	RP
	MI	Betsie River	39,398	RP
	MI	Big Cedar River	19,000	RP
	MI	Big Rabbit River	7,984	RP
	MI	Black River	8,152	RP
	MI	Boardman River	16,000	RP
	MI	Boyne River	9,000	RP
	MI	Brevoort River	7,900	RP

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Species/ strain	State	Location stocked	Number stocked	Fin clip
	MI	Carp River	5,300	RP

	MI	Crockery Creek	5,000	RP
	MI	Elk River	11,000	RP
	MI	Fish Creek	5,000	RP
	MI	Flat River	5,000	RP
	MI	Galien River	12,023	RP
	MI	Grand River	30,032	RP
	MI	Jordon River	9,000	RP
	MI	Kalamazoo River	14,001	RP
	MI	Manistee River	51,000	RP
	MI	Manistique River	10,000	RP
	MI	Menominee River	11,000	RP
	MI	Muskegon River	55,002	RP
	MI	Paw Paw River	8,001	RP
	MI	Pentwater River, north branch	3,501	RP
	MI	Pentwater River, south branch	3,510	RP
	MI	Prairie Creek	5,025	RP
	MI	Rogue River	26,570	RP
	MI	Ruby Creek	10,002	RP
	MI	St. Joseph River	66,520	RP
	MI	Sturgeon River	21,000	RP
	MI	White River	21,998	RP
	MI	Whitefish River, east branch	13,000	RP
	IND	St. Joseph River	40,021	RP
Arlee	IL	Chicago	55,000	LV
	IL	Evanston	10,000	LV
	IL	Highland Park	10,000	LV
	IL	Waukegan	12,608	LV

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Species/ strain	State	Location stocked	Number stocked	Fin clip
	WI	Algoma	12,125	ADLP
	WI	Kenosha	12,000	ADLP

	WI	Manitowoc	12,000	ADLP
	WI	Milwaukee	12,000	ADLP
	WI	Sheboygan	12,000	ADLP
	WI	Sister Bay	12,000	ADLP
Chambers Ck.	WI	Kewaunee River	36,849	ADLM
	WI	Root River	27,060	ADLM
Ganaraska	WI	Kewaunee River	30,907	ADLV
	WI	Root River	27,100	ADLV

Brown trout

Seeforellen	MI	Thompson Creek	12,000	LV
	WI	Algoma	7,239	ADRV
	WI	Kewaunee River	30,000	ADRV
	WI	Menominee River	30,000	ADRV
	WI	Root River	25,948	ADRV

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