

# Summary of Trout and Salmon Stocking <br> in Lake Michigan 1976-2003 

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This report summarizes trout and salmon stocking in Lake Michigan from 1976-2003. State management agencies annually stock several species of salmonids, primarily Pacific salmon and brown trout, while the US Fish and Wildlife Service does the vast majority of the lake trout stocking. Stocking information was provided by the Department of Natural Resources for Illinois, Indiana, Michigan and Wisconsin, and from Federal Fish Hatcheries. Data from 2003 is considered provisional; 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 2003 totaled over 14.2 million fish (Table 1). This represents an increase from 2002 but is still lower than the historical average of nearly 15 million.

Chinook Salmon: Nearly 4.7 million chinook salmon were stocked in Lake Michigan during 2003, which is the highest stocking level since 1998 but still well below the numbers stocked between the 1980's to early 1990's (Table 1). Michigan and Wisconsin increased chinook salmon stocking by 20 and $12 \%$, respectively, in 2003 compared to 2002 while there were slight declines in Indiana and Illinois resulting in a combined reduction of 27,000 chinook (Tables 2-5). Annual stocking has ranged from 2.8 million fish in 1977 to 6.4 million in 1995.

Coho Salmon: Over 3.1 million coho salmon were stocked in 2003 representing the highest coho stocking effort since 1988 (Table 1).

Rainbow Trout/Steelhead: Rainbow trout stocking in Lake Michigan was close to the long-term average with over 2 million fish stocked in 2003 (Table 1). High relative stocking rates for both Wisconsin and Indiana were evened out by a reduction of 210,000 stocked fish from the long-term Michigan average (Tables 2-5).

Brown Trout: Over 1.6 million brown trout were stocked in 2003. This number is down slightly from last year due largely to an $11 \%$ reduction in brown trout stocking by Wisconsin (Table 1). Wisconsin continues to stock the majority (65\%) of brown trout (Tables 2-5).

Brook Trout: Brook trout stocking continues to decline in Lake Michigan. In 2003, brook trout stocking was at its lowest point since 1976. Only Wisconsin stocked brook trout; the 24,000 fish stocked is $10 \%$ of the historical lake-wide stocking average.

Splake: In 2003 roughly 100,000 splake were stocked, similar to levels in recent years. Michigan (79\%) and Wisconsin (21\%) were the only states to stock splake (Tables $1,2,5)$.

Lake Trout: Over 2.6 million lake trout yearlings and fall fingerlings were stocked into Lake Michigan in 2003. This is below the long-term average of 2.8 million (Tables 1,6).

Marked Fish: Over 5 million trout and salmon, excluding lake trout, were stocked with designated fin clips in 2003 (Table 7). Details on the studies or evaluations that include the fish marked are available from the state agency that stocked the fish.

Table 1. Number of trout and salmon stocked in Lake Michigan from all jurisdictions, 1976-2003. All values are rounded to thousands. *2003 data is considered preliminary and subject to change.

| Year | Lake trout | Brook trout | Brown trout | Chinook salmon | Coho salmon | Steelhead rainbow trout | Splake | Atlantic salmon | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1976 | 2,548,000 | 75,000 | 1,258,000 | 3,317,000 | 3,196,000 | 1,863,000 | 0 | 21,000 | 12,278,000 |
| 1977 | 2,418,000 | 643,000 | 1,160,000 | 2,977,000 | 3,087,000 | 1,312,000 | 0 | 19,000 | 11,616,000 |
| 1978 | 2,539,000 | 248,000 | 1,503,000 | 5,365,000 | 2,685,000 | 1,933,000 | 0 | 46,000 | 14,319,000 |
| 1979 | 2,497,000 | 196,000 | 1,228,000 | 4,984,000 | 4,044,000 | 2,589,000 | 0 | 0 | 15,538,000 |
| 1980 | 2,791,000 | 204,000 | 1,292,000 | 6,106,000 | 2,943,000 | 2,630,000 | 0 | 0 | 15,966,000 |
| 1981 | 3,143,000 | 208,000 | 1,169,000 | 4,747,000 | 2,451,000 | 1,981,000 | 0 | 20,000 | 13,719,000 |
| 1982 | 3,176,000 | 283,000 | 2,139,000 | 6,312,000 | 2,181,000 | 2,525,000 | 0 | 45,000 | 16,661,000 |
| 1983 | 2,541,000 | 300,000 | 2,180,000 | 6,539,000 | 2,364,000 | 2,595,000 | 0 | 0 | 16,519,000 |
| 1984 | 2,195,000 | 233,000 | 1,803,000 | 7,710,000 | 2,954,000 | 3,111,000 | 34,000 | 0 | 18,040,000 |
| 1985 | 5,082,000 | 307,000 | 1,798,000 | 5,956,000 | 3,181,000 | 1,825,000 | 54,000 | 0 | 18,203,000 |
| 1986 | 4,197,000 | 197,000 | 1,434,000 | 5,693,000 | 2,291,000 | 2,222,000 | 115,000 | 0 | 16,149,000 |
| 1987 | 3,298,000 | 117,000 | 1,342,000 | 5,801,000 | 2,305,000 | 1,833,000 | 18,000 | 0 | 14,714,000 |
| 1988 | 2,546,000 | 466,000 | 1,516,000 | 5,417,000 | 3,210,000 | 2,156,000 | 104,000 | 17,000 | 15,432,000 |
| 1989 | 5,377,000 | 150,000 | 1,504,000 | 7,859,000 | 2,334,000 | 2,344,000 | 88,000 | 60,000 | 19,716,000 |
| 1990 | 1,317,000 | 400,000 | 1,772,000 | 7,129,000 | 2,380,000 | 1,600,000 | 50,000 | 0 | 14,648,000 |
| 1991 | 2,779,000 | 326,000 | 1,383,000 | 6,238,000 | 2,471,000 | 1,975,000 | 396,000 | 0 | 15,568,000 |
| 1992 | 3,435,000 | 272,000 | 1,615,000 | 5,795,000 | 2,742,000 | 1,689,000 | 99,000 | 0 | 15,647,000 |
| 1993 | 2,697,000 | 294,000 | 1,759,000 | 5,530,000 | 1,709,000 | 1,680,000 | 141,000 | 0 | 13,810,000 |
| 1994 | 3,854,000 | 269,000 | 2,172,000 | 5,837,000 | 1,497,000 | 2,221,000 | 166,000 | 0 | 16,016,000 |
| 1995 | 2,265,000 | 328,000 | 1,876,000 | 6,549,000 | 2,401,000 | 1,878,000 | 151,000 | 0 | 15,448,000 |
| 1996 | 2,115,000 | 180,000 | 1,787,000 | 6,193,000 | 3,112,000 | 1,849,000 | 201,000 | 0 | 15,437,000 |
| 1997 | 2,235,000 | 115,000 | 1,804,000 | 5,745,000 | 2,620,000 | 1,864,000 | 155,000 | 0 | 14,538,000 |
| 1998 | 2,302,000 | 408,000 | 1,742,000 | 5,721,000 | 2,059,000 | 1,618,000 | 97,000 | 0 | 13,947,000 |
| 1999 | 2,348,000 | 191,000 | 1,649,000 | 4,324,000 | 2,765,000 | 1,680,000 | 77,000 | 0 | 13,034,000 |
| 2000 | 2,320,000 | 45,000 | 1,666,000 | 4,049,000 | 2,499,000 | 1,244,000 | 79,000 | 0 | 11,902,000 |
| 2001 | 2,382,000 | 102,000 | 1,749,000 | 4,518,000 | 2,765,000 | 1,849,000 | 131,000 | 0 | 13,496,000 |
| 2002 | 2,312,000 | 76,000 | 1,754,000 | 4,015,000 | 2,690,000 | 1,861,000 | 126,000 | 0 | 12,834,000 |
| 2003* | 2,609,000 | 24,000 | 1,649,000 | 4,678,000 | 3,177,000 | 2,014,000 | 104,000 | 0 | 14,255,000 |
| Mean | 2,833,000 | 238,000 | 1,632,000 | 5,539,000 | 2,647,000 | 1,998,000 | 85,000 | 8,000 | 14,980,000 |

Table 2. Number of trout and salmon (excluding lake trout) stocked in Wisconsin waters of Lake Michigan, 1976-2003. All values are rounded in thousands. *Data for 2003 is considered preliminary and may change.

| Year | Brook trout | Brown trout | Chinook salmon | Coho salmon | Steelhead rainbow trout | Splake | Atlantic salmon |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1976 | 7,000 | 298,000 | 1,292,000 | 717,000 | 1,000,000 | 0 | 0 |
| 1977 | 643,000 | 802,000 | 913,000 | 491,000 | 712,000 | 0 | 0 |
| 1978 | 243,000 | 1,233,000 | 2,017,000 | 499,000 | 623,000 | 0 | 0 |
| 1979 | 187,000 | 960,000 | 1,964,000 | 320,000 | 1,211,000 | 0 | 0 |
| 1980 | 185,000 | 1,046,000 | 2,430,000 | 492,000 | 1,147,000 | 0 | 0 |
| 1981 | 200,000 | 1,014,000 | 1,848,000 | 319,000 | 1,007,000 | 0 | 0 |
| 1982 | 283,000 | 1,821,000 | 2,521,000 | 216,000 | 1,042,000 | 0 | 0 |
| 1983 | 300,000 | 1,555,000 | 2,792,000 | 357,000 | 1,493,000 | 0 | 0 |
| 1984 | 225,000 | 1,185,000 | 2,892,000 | 551,000 | 1,381,000 | 34,000 | 0 |
| 1985 | 307,000 | 1,170,000 | 2,741,000 | 1,044,000 | 432,000 | 54,000 | 0 |
| 1986 | 188,000 | 883,000 | 2,378,000 | 267,000 | 801,000 | 115,000 | 0 |
| 1987 | 95,000 | 838,000 | 2,263,000 | 624,000 | 562,000 | 0 | 0 |
| 1988 | 466,000 | 1,021,000 | 1,409,000 | 1,020,000 | 308,000 | 29,000 | 17,000 |
| 1989 | 150,000 | 973,000 | 2,714,000 | 511,000 | 495,000 | 0 | 60,000 |
| 1990 | 315,000 | 1,229,000 | 2,379,000 | 498,000 | 461,000 | 0 | 0 |
| 1991 | 326,000 | 982,000 | 1,735,000 | 403,000 | 587,000 | 147,000 | 0 |
| 1992 | 272,000 | 1,229,000 | 1,523,000 | 569,000 | 569,000 | 44,000 | 0 |
| 1993 | 294,000 | 1,333,000 | 1,600,000 | 0 | 679,000 | 40,000 | 0 |
| 1994 | 269,000 | 1,261,000 | 1,549,000 | 457,000 | 798,000 | 72,000 | 0 |
| 1995 | 328,000 | 1,325,000 | 1,901,000 | 722,000 | 553,000 | 0 | 0 |
| 1996 | 180,000 | 1,301,000 | 1,727,000 | 564,000 | 566,000 | 70,000 | 0 |
| 1997 | 115,000 | 1,280,000 | 1,917,000 | 515,000 | 570,000 | 40,000 | 0 |
| 1998 | 408,000 | 1,243,000 | 1,592,000 | 505,000 | 533,000 | 22,000 | 0 |
| 1999 | 191,000 | 1,181,000 | 1,309,000 | 520,000 | 521,000 | 27,000 | 0 |
| 2000 | 45,000 | 1,056,000 | 1,011,000 | 254,000 | 198,000 | 0 | 0 |
| 2001 | 102,000 | 1,258,000 | 1,503,000 | 513,000 | 642,000 | 55,000 | 0 |
| 2002 | 76,000 | 1,212,000 | 1,419,000 | 595,000 | 546,000 | 29,000 | 0 |
| 2003* | 24,000 | 1,081,000 | 1,615,000 | 540,000 | 758,000 | 22,000 | 0 |
| Mean | 229,000 | 1,135,000 | 1,891,000 | 503,000 | 721,000 | 29,000 | 3,000 |

Table 3. Number of trout and salmon (excluding lake trout) stocked in Illinois waters of Lake Michigan, 1976-2003.
All values are rounded in thousands.

|  | Brook trout | Brown trout | Chinook <br> salmon | Coho <br> salmon | Steelhead <br> rainbow trout | Splake | Atlantic <br> salmon |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Year Tiger trout |  |  |  |  |  |  |  |

Table 4. Number of trout and salmon (excluding lake trout) stocked in Indiana waters of Lake Michigan, 1976-2003. All values are rounded in thousands. *Data for 2003 is considered preliminary and may change.

| Year | Brook trout | Brown trout | Chinook salmon | Coho salmon | Steelhead rainbow trout | Splake | Atlantic salmon |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1976 | 0 | 199,000 | 38,000 | 179,000 | 217,000 | 0 | 0 |
| 1977 | 0 | 109,000 | 141,000 | 179,000 | 48,000 | 0 | 0 |
| 1978 | 0 | 131,000 | 213,000 | 105,000 | 130,000 | 0 | 0 |
| 1979 | 0 | 69,000 | 531,000 | 118,000 | 182,000 | 0 | 0 |
| 1980 | 0 | 116,000 | 621,000 | 169,000 | 70,000 | 0 | 0 |
| 1981 | 0 | 58,000 | 263,000 | 102,000 | 230,000 | 0 | 0 |
| 1982 | 0 | 0 | 313,000 | 160,000 | 248,000 | 0 | 0 |
| 1983 | 0 | 0 | 238,000 | 128,000 | 378,000 | 0 | 0 |
| 1984 | 0 | 0 | 406,000 | 156,000 | 259,000 | 0 | 0 |
| 1985 | 0 | 7,000 | 355,000 | 139,000 | 509,000 | 0 | 0 |
| 1986 | 0 | 0 | 342,000 | 133,000 | 636,000 | 0 | 0 |
| 1987 | 0 | 0 | 311,000 | 162,000 | 511,000 | 0 | 0 |
| 1988 | 0 | 0 | 502,000 | 160,000 | 461,000 | 0 | 0 |
| 1989 | 0 | 0 | 531,000 | 41,000 | 503,000 | 0 | 0 |
| 1990 | 0 | 0 | 477,000 | 114,000 | 539,000 | 0 | 0 |
| 1991 | 0 | 0 | 546,000 | 100,000 | 493,000 | 0 | 0 |
| 1992 | 0 | 0 | 330,000 | 131,000 | 412,000 | 0 | 0 |
| 1993 | 0 | 0 | 292,000 | 12,000 | 316,000 | 0 | 0 |
| 1994 | 0 | 0 | 368,000 | 84,000 | 568,000 | 0 | 0 |
| 1995 | 0 | 0 | 364,000 | 169,000 | 542,000 | 0 | 0 |
| 1996 | 0 | 0 | 362,000 | 281,000 | 578,000 | 0 | 0 |
| 1997 | 0 | 0 | 279,000 | 81,000 | 610,000 | 0 | 0 |
| 1998 | 0 | 0 | 387,000 | 148,000 | 464,000 | 0 | 0 |
| 1999 | 0 | 0 | 265,000 | 147,000 | 552,000 | 0 | 0 |
| 2000 | 0 | 0 | 268,000 | 158,000 | 375,000 | 0 | 0 |
| 2001 | 0 | 0 | 297,000 | 157,000 | 571,000 | 0 | 0 |
| 2002 | 0 | 35,000 | 253,000 | 225,000 | 605,000 | 0 | 0 |
| 2003* | 0 | 40,000 | 232,000 | 286,000 | 592,000 | 0 | 0 |
| Mean | 0 | 27,000 | 340,000 | 144,000 | 414,000 | 0 | 0 |

Table 5. Number of trout and salmon (excluding lake trout) stocked in Michigan waters of Lake Michigan, 1976-2003. All values are rounded in thousands. *Data for 2003 is considered preliminary and may change.

| Year | Brook trout | Brown trout | Chinook salmon | Coho salmon | Steelhead rainbow trout | Splake | Atlantic salmon |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1976 | 61,000 | 666,000 | 1,845,000 | 2,220,000 | 601,000 | 0 | 21,000 |
| 1977 | 0 | 206,000 | 1,576,000 | 2,314,000 | 276,000 | 0 | 19,000 |
| 1978 | 0 | 125,000 | 2,524,000 | 1,802,000 | 1,141,000 |  | 46,000 |
| 1979 | 0 | 199,000 | 2,307,000 | 3,317,000 | 981,000 | 0 | 0 |
| 1980 | 0 | 105,000 | 2,903,000 | 2,243,000 | 1,301,000 | 0 | 0 |
| 1981 | 8,000 | 32,000 | 2,205,000 | 1,707,000 | 558,000 | 0 | 20,000 |
| 1982 | 0 | 300,000 | 2,685,000 | 1,645,000 | 1,066,000 | 0 | 45,000 |
| 1983 | 0 | 574,000 | 2,976,000 | 1,880,000 | 723,000 | 0 | 0 |
| 1984 | 8,000 | 530,000 | 3,874,000 | 1,969,000 | 1,307,000 | 0 | 0 |
| 1985 | 0 | 506,000 | 2,665,000 | 1,693,000 | 737,000 | 0 | 0 |
| 1986 | 9,000 | 492,000 | 2,758,000 | 1,579,000 | 633,000 | 0 | 0 |
| 1987 | 23,000 | 416,000 | 2,687,000 | 1,331,000 | 668,000 | 18,000 | 0 |
| 1988 | 0 | 400,000 | 3,048,000 | 1,733,000 | 1,271,000 | 75,000 | 0 |
| 1989 | 0 | 426,000 | 3,965,000 | 1,682,000 | 1,234,000 | 88,000 | 0 |
| 1990 | 85,000 | 543,000 | 3,793,000 | 1,465,000 | 601,000 | 50,000 | 0 |
| 1991 | 0 | 288,000 | 3,461,000 | 1,655,000 | 761,000 | 249,000 | 0 |
| 1992 | 0 | 286,000 | 3,589,000 | 1,735,000 | 603,000 | 55,000 | 0 |
| 1993 | 0 | 320,000 | 3,273,000 | 1,579,000 | 503,000 | 101,000 | 0 |
| 1994 | 0 | 811,000 | 3,635,000 | 627,000 | 780,000 | 95,000 | 0 |
| 1995 | 0 | 453,000 | 3,920,000 | 1,202,000 | 684,000 | 151,000 | 0 |
| 1996 | 0 | 400,000 | 3,739,000 | 1,962,000 | 603,000 | 131,000 | 0 |
| 1997 | 0 | 434,000 | 3,188,000 | 1,722,000 | 592,000 | 115,000 | 0 |
| 1998 | 0 | 400,000 | 3,377,000 | 1,100,000 | 518,000 | 75,000 | 0 |
| 1999 | 0 | 365,000 | 2,446,000 | 1,796,000 | 522,000 | 51,000 | 0 |
| 2000 | 0 | 510,000 | 2,464,000 | 1,785,000 | 572,000 | 79,000 | 0 |
| 2001 | 0 | 419,000 | 2,414,000 | 1,795,000 | 548,000 | 76,000 | 0 |
| 2002 | 0 | 407,000 | 2,038,000 | 1,569,000 | 604,000 | 97,000 | 0 |
| 2003* | 0 | 428,000 | 2,531,000 | 2,106,000 | 537,000 | 82,000 | 0 |
| Mean | 7,000 | 394,000 | 2,925,000 | 1,758,000 | 747,000 | 57,000 | 5,000 |

Table 6. Lake Michigan lake trout stocking by rehabilitation zone in 2003.

| Fish Age | Rehabilitation Zone | Grid | Number Stocked | Finclip/ Mark | Strain | Off/ Onshore |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yearlings | Northern Refuge |  |  |  |  |  |
|  | Boulder Reef | 413 | 48,546 | ADCWT | Apostle Islands | off |
|  |  | 413 | 52,080 | ADCWT | Isle Royale | off |
|  |  | 413 | 49,810 | ADCWT | Lewis Lake | off |
|  | Gull Island Shoal | 414 | 47,605 | ADCWT | Apostle Islands | off |
|  |  | 414 | 51,964 | ADCWT | Isle Royale | off |
|  |  | 414 | 48,470 | ADCWT | Lewis Lake | off |
|  | subtotal |  | 298,475 |  |  |  |
|  | Midlake Refuge |  |  |  |  |  |
|  | Sheboygan Reef | 1705 | 50,625 | ADCWT | Green Lake | off |
|  |  | 1705 | 50,700 | ADCWT | Seneca Lake | off |
|  | East Reef | 1904 | 50,675 | ADCWT | Green Lake | off |
|  |  | 1904 | 51,530 | ADCWT | Seneca Lake | off |
|  | Northeast Reef | 1502 | 50,824 | ADCWT | Green Lake | off |
|  |  | 1502 | 50,892 | ADCWT | Seneca Lake | off |
|  | subtotal |  | 305,246 |  |  |  |
|  | Primary Zone |  |  |  |  |  |
|  | Acme | 916 | 20,300 | RP | Apostle Islands | on |
|  |  | 916 | 21,500 | RP | Seneca Lake | on |
|  |  | 916 | 36,225 | RP | Lewis Lake | off |
|  | Clay Banks | 905 | 63,838 | RP | Apostle Islands | on |
|  |  | 905 | 55,620 | RP | Seneca Lake | on |
|  | Good Harbor Reef | 814 | 91,644 | RP | Lewis Lake | off |
|  | Greilickville | 915 | 30,000 | RP | Lewis Lake | off |
|  | High Island | 316 | 48,374 | ADCWT | Apostle Islands | off |
|  |  | 316 | 50,848 | ADCWT | Isle Royale | off |
|  |  | 316 | 46,844 | ADCWT | Lewis Lake | off |


| Fish Age | Rehabilitation Zone | Grid | Number Stocked | Finclip/ Mark | Strain | Off/ Onshore |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yearlings | Primary Zone |  |  |  |  |  |
|  | Julien's Reef | 2403 | 60,770 | ADCWT | Green Lake | off |
|  | Kewaunee | 1104 | 48,940 | RP | Isle Royale | on |
|  |  | 1104 | 2,840 | RP | Seneca Lake | on |
|  | Lee's Reef | 815 | 65,322 | RP | Lewis Lake | off |
|  | Little Traverse Bay | 1224 | 62,016 | RP | Lewis Lake | off |
|  | Maritime Academy | 916 | 46,250 | RP | Seneca Lake | on |
|  | Old Mission Point | 716 | 53,820 | RP | Lewis Lake | off |
|  | Point Betsie | 911 | 25,340 | RP | Apostle Islands | off |
|  |  | 911 | 111,180 | RP | Lewis Lake | off |
|  | Trout Island Shoal | 314 | 60,040 | RP | Apostle Islands | off |
|  | subtotal |  | 1,001,711 |  |  |  |
|  | Secondary Zone |  |  |  |  |  |
| Yearlings | Portage Lake Reef | 1111 | 47,505 | RP | Apostle Islands | off |
|  | Northeim Reef | 1303 | 50,910 | RP | Green Lake | on |
|  |  | 1303 | 17,260 | RP | Seneca Lake | on |
|  | Ludington Reef | 1409 | 32,235 | RP | Green Lake | off |
|  |  | 1409 | 51,754 | RP | Apostle Islands | off |
|  | Sheboygan | 1502 | 26,700 | RP | Green Lake | off |
|  |  | 1502 | 22,200 | RP | Apostle Islands | off |
|  |  | 1502 | 1,100 | RP | Traverse Is. | off |
|  |  | 1502 | 10,000 | RP | Seneca Lake | off |
|  | Stony Lake Reef | 1609 | 34,248 | RP | Apostle Islands | off |
|  |  | 1609 | 25,253 | RP | Green Lake | off |
|  | S. Milwaukee Reef | 2002 | 64,365 | RP | Apostle Islands | off |
|  | Wind Point Shoal | 2102 | 9,810 | RP | Apostle Islands | off |
|  |  | 2102 | 45,945 | RP | Isle Royale | off |
|  | Saugatuck Reef | 2211 | 15,480 | RP | Green Lake | off |
|  |  | 2211 | 75,160 | RP | Apostle Islands | off |


| Fish Age | Rehabilitation Zone | Grid | Number Stocked | Finclip/ Mark | Strain | Off/ Onshore |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yearlings | Secondary Zone |  |  |  |  |  |
|  | Beach Reef | 2410 | 30,500 | RP | Apostle Islands | off |
|  |  | 2410 | 43,240 | RP | Lewis Lake | off |
|  | Lakeside reef | 2608 | 26,000 | RP | Lewis Lake | off |
|  |  | 2608 | 48,840 | RP | Seneca Lake | off |
|  | Michiana Reef | 2706 | 70,092 | RP | Lewis Lake | off |
|  | subtotal |  | 748,597 |  |  |  |
|  | All Zones <br> Grand Total <br> (Yearlings) |  | 2,354,029 |  |  |  |
| Fingerlings | Primary Zone |  |  |  |  |  |
|  | Fisherman's Island | 616 | 91,335 | LPRV | Apostle Island | on |
|  |  | 616 | 11,885 | LPRV | Traverse Is. | on |
|  | subtotal |  | 103,220 |  |  |  |
| Fingerlings | Secondary Zone |  |  |  |  |  |
|  | Sheboygan | 1502 | 30,000 | LPRV | Green Lake | on |
|  | Sheboygan | 1502 | 34,031 | LPRV | Apostle Island | on |
|  | Sheboygan | 1502 | 11,884 | LPRV | Traverse Is. | on |
|  | Wind Point Shoal subtotal | 2102 | $75,600$ <br> 151,515 | LPRV | Green Lake | on |
|  | All Zones Grand Total (Fingerlings) |  | 254,735 |  |  |  |
| Fry | Primary Zone |  |  |  |  |  |
|  | Fisherman's Island | 616 | 90,000 |  | Marquette | off |
|  |  | 616 | 33,000 |  | Marquette | off |
|  | Ingal's Point | 715 | 90,000 |  | Marquette | off |
|  |  | 715 | 15,000 |  | Marquette | off |
|  | Total |  | 228,000 |  |  |  |

Table 7. A summary of finclipped and/or marked trout and salmon stocked in Lake Michigan in 2003.

| Species/ Strain | State | Location stocked | Number stocked | Fin clip |
| :---: | :---: | :---: | :---: | :---: |
| Chinook salmon | MI | Kalamazoo River | 54,919 | oxytetracycline |
|  | MI | Kid's Creek | 237,508 | oxytetracycline |
|  | MI | Ford River | 38,086 | oxytetracycline |
|  | MI | Little Bay DeNoc | 12,000 | oxytetracycline |
|  | MI | Kalamazoo River | 54,475 | oxytetracycline |
|  | MI | Kids Creek | 235,480 | oxytetracycline |
|  | MI | Little Bay De Noc | 8,062 | oxytetracycline |
|  | MI | Little Manistee River | 290,223 | oxytetracycline |
|  | MI | Little Manistee River | 201,090 | ADCWT oxytetracycline |
|  | MI | Macatawa River | 54,714 | oxytetracycline |
|  | MI | Manistee River | 96,284 | oxytetracycline |
|  | MI | Manistique River | 55,000 | oxytetracycline |
|  | MI | Medusa Creek | 388,781 | oxytetracycline |
|  | MI | Medusa Creek | 101,000 | ADCWT oxytetracycline |
|  | MI | Muskegon Lake Outlet | 50,194 | oxytetracycline |
|  | MI | Muskegon River | 48,002 | oxytetracycline |
|  | MI | Portage Lake | 49,115 | oxytetracycline |
|  | MI | Saint Joseph River | 152,447 | ADCWT oxytetracycline |
|  | MI | Saint Joseph River | 37,392 | oxytetracycline |
| Steelhead |  |  |  |  |
| Arlee | WI | Ahnapee River | 10,038 | ADLP |
|  | WI | Milwaukee, Erie St. Site | 10,105 | ADLP |
|  | WI | Kenosha Harbor | 10,164 | ADLP |
|  | WI | Manitowac River | 10,286 | ADLP |
|  | WI | Sheboygan River | 10,230 | ADLP |
|  | WI | Sister Bay | 9,975 | ADLP |


| Species/ Strain | State | Location Stocked | Number Stocked | Finclip/Mark |
| :---: | :---: | :---: | :---: | :---: |
| Steelhead |  |  |  |  |
| Chambers Creek | WI | Ahnapee River | 5,128 | LMLV |
|  | WI | Fischer Creek | 445 | LMLV |
|  | WI | Kewaunee River | 29,995 | LMLV |
|  | WI | Kinnickinnic River | 3,637 | LMLV |
|  | WI | Manitowac River | 5,050 | LMLV |
|  | WI | Menominee River | 8,525 | LMLV |
|  | WI | Oak Creek | 3,496 | LMLV |
|  | WI | Peshtigo River | 5,824 | LMLV |
|  | WI | Pigeon River | 3,332 | LMLV |
|  | WI | Pike River | 3,273 | LMLV |
|  | WI | Root River | 27,123 | LMLV |
|  | WI | Silver Creek | 445 | LMLV |
| Ganaraska | WI | Fischer Creek | 3,938 | BV |
|  | WI | Kewaunee River | 29,990 | BV |
|  | WI | Root River | 27,150 | BV |
|  | WI | Silver Creek | 3,938 | BV |
| Kamloops | WI | Ahnapee River | 9,288 | ADRP |
|  | WI | Kenosha Harbor | 8,772 | ADRP |
|  | WI | Manitowac River | 10,387 | ADRP |
|  | WI | Pieces of Eight | 12,458 | ADRP |
|  | WI | Sheboygan Harbor | 11,411 | ADRP |
|  | WI | Sister Bay | 9,567 | ADRP |
| Skamania | WI | Ahnapee River | 11,113 | RMRV |
|  | WI | East Twin River | 11,201 | RMRV |
|  | WI | Kewaunee River | 35,486 | RMRV |
|  | WI | Manitowac River | 11,177 | RMRV |
|  | WI | Menominee River | 11,208 | RMRV |
|  | WI | Oconto River | 11,371 | RMRV |
|  | WI | Peshtigo River | 11,008 | RMRV |


| Species/ Strain | State | Location Stocked | Number Stocked | Finclip/Mark |
| :---: | :---: | :---: | :---: | :---: |
| Steelhead |  |  |  |  |
| Skamania | WI | Pieces of Eight | 11,175 | RMRV |
|  | WI | Root River | 35,448 | RMRV |
|  | WI | Sheboygan River | 11,249 | RMRV |
|  | WI | West Twin River | 11,222 | RMRV |
|  | IL | Chicago, Diversey Harbor | 37,551 | ADRP |
|  | IL | Waukegon South Harbor | 38,417 | ADRP |
|  | MI | Manistee River | 33,260 | RP |
| Michigan | MI | Bear River | 8,000 | RP |
|  | MI | Big S. Br. Pere Marquette River | 11,960 | RP |
|  | MI | Black River | 9,960 | RP |
|  | MI | Boardman River | 18,000 | RP |
|  | MI | Boyne River | 10,000 | RP |
|  | MI | Brevoort River | 10,000 | RP |
|  | MI | Carp River | 8,000 | RP |
|  | MI | Big Cedar River | 16,600 | RP |
|  | MI | Crockery Creek | 5,980 | RP |
|  | MI | East Br. Whitefish River | 15,000 | RP |
|  | MI | Elk River | 12,000 | RP |
|  | MI | Fish Creek | 5,980 | RP |
|  | MI | Flat River | 5,980 | RP |
|  | MI | Galien River | 14,940 | RP |
|  | MI | Grand River | 35,860 | RP |
|  | MI | Jordan River | 10,000 | RP |
|  | MI | Kalamazoo River | 16,940 | RP |
|  | MI | Manistee River | 51,001 | RP |
|  | MI | Manistique River | 8,000 | RP |
|  | MI | Menominee River | 10,000 | RP |


| Species/strain | State | Location stocked | Number stocked | Finclip/Mark |
| :---: | :---: | :---: | :---: | :---: |
| Steelhead |  |  |  |  |
| Michigan | MI | Muskegon River | 55,000 | RP |
|  | MI | North Br. Pentwater River | 3,990 | RP |
|  | MI | Paw Paw River | 9,960 | RP |
|  | MI | Pentwater River | 3,990 | RP |
|  | MI | Prairie Creek | 5,980 | RP |
|  | MI | Rabbit River | 9,960 | RP |
|  | MI | Rogue River | 33,220 | RP |
|  | MI | Saint Joseph River | 73,345 | RP |
|  | MI | Sturgeon River | 24,000 | RP |
|  | IN | Saint Joseph River | 40,000 | RP |
| Brown trout |  |  |  |  |
| Seeforellen | WI | Kewaunee River | 31,755 | ADLV |
|  | WI | Menominee River | 30,312 | ADLV |
|  | WI | Root River | 27,000 | ADLV |
|  | MI | Cedar River | 11,000 | LV |
|  | MI | Thompson Creek | 12,000 | LV |

