

WDNR Lake Superior Creel Survey Supplemental Statistics 2020

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Included in this document are supplemental creel statistics for the WDNR Creel Survey 2020 which provide more detailed breakdowns. Please refer to the WDNR Lake Superior Creel Report 2020 for more information and the main text of the report.

COVID-19 Restrictions - The Superior creel route was not completed in WI-1 in 2020. Creel survey results from Management Unit WI-1 are therefore not comparable to previous years (with the exception of Charter fishing data). The open-water creel survey was not conducted in WI-2 in April, May and June of 2020. Therefore, the mean angler effort and harvest from 2017 to 2019 for each fishery was used to estimate angler effort and harvest for each of these months in 2020. No biological data (e.g., length, fin clips) were collected during angler interviews during the months of July, August, and September in 2020.

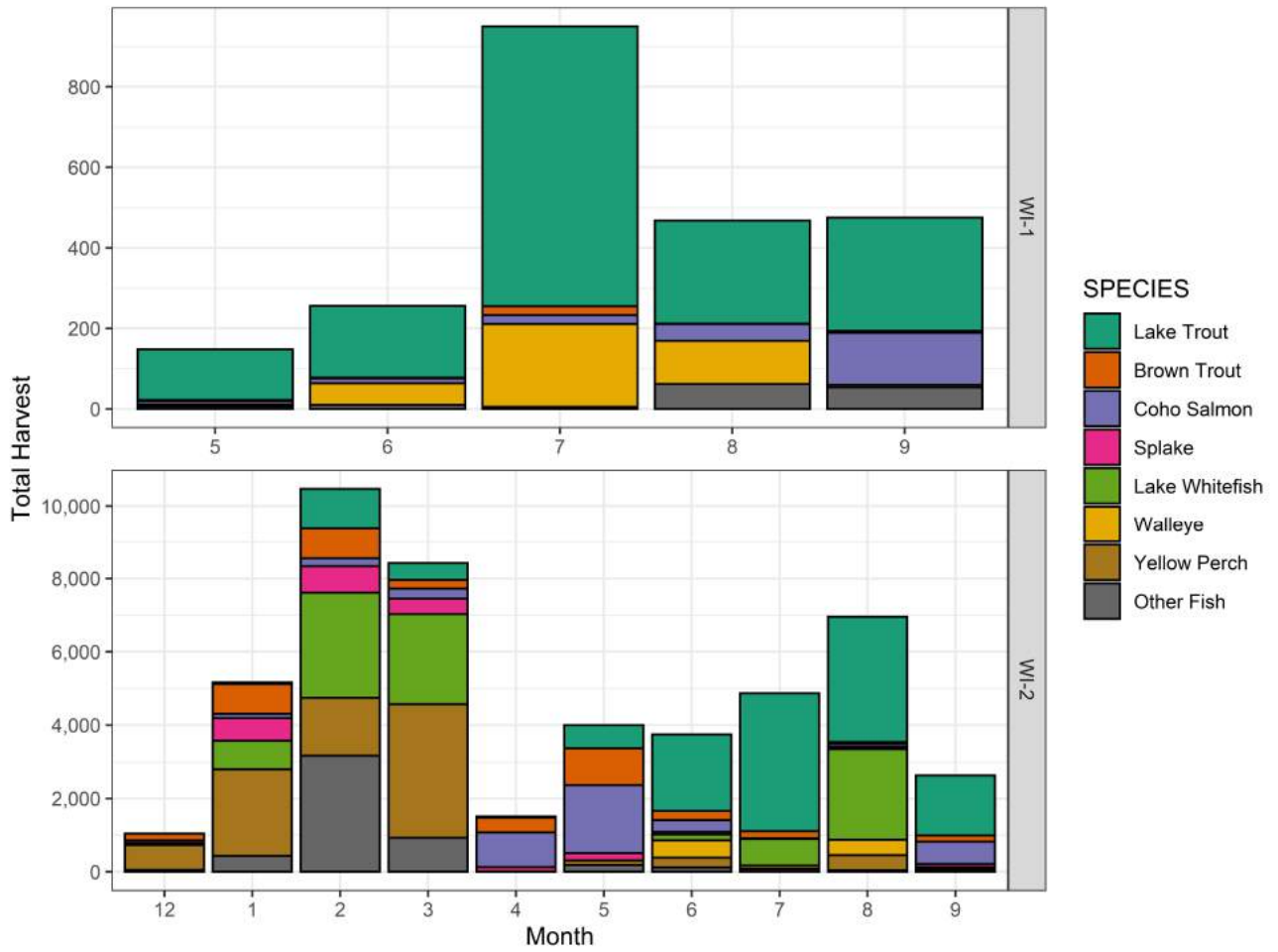


Figure 1. Total estimated harvest of the main seven species in the 2020 WDNR Creel Survey within each management unit (WI-1 and WI-2) by month. All other species are represented into the "Other Fish" category.

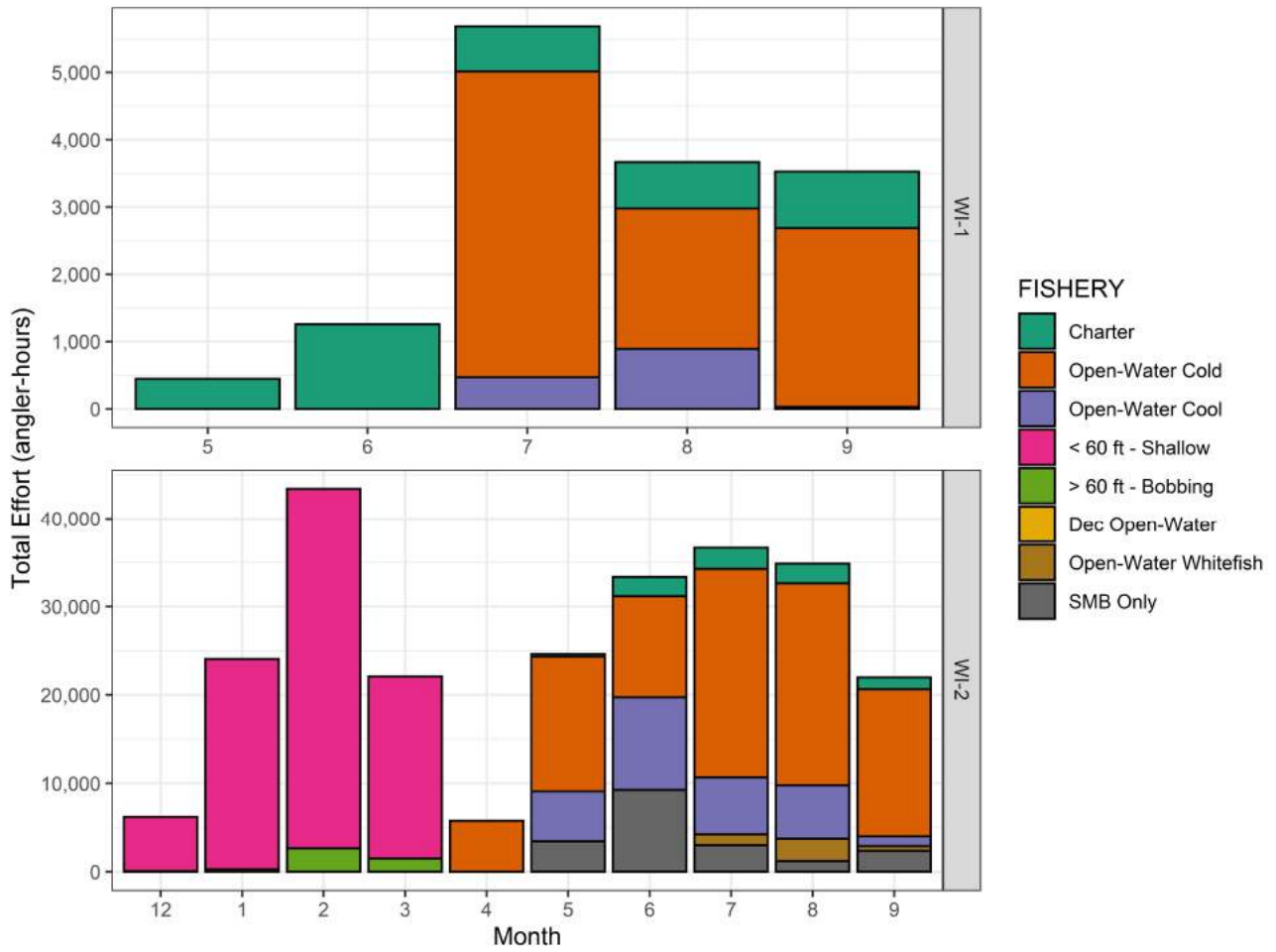


Figure 2. Total estimated fishing effort (angler-hours) for each fishery in the 2020 WDNR Creel Survey within each management unit (WI-1 and WI-2) by month.

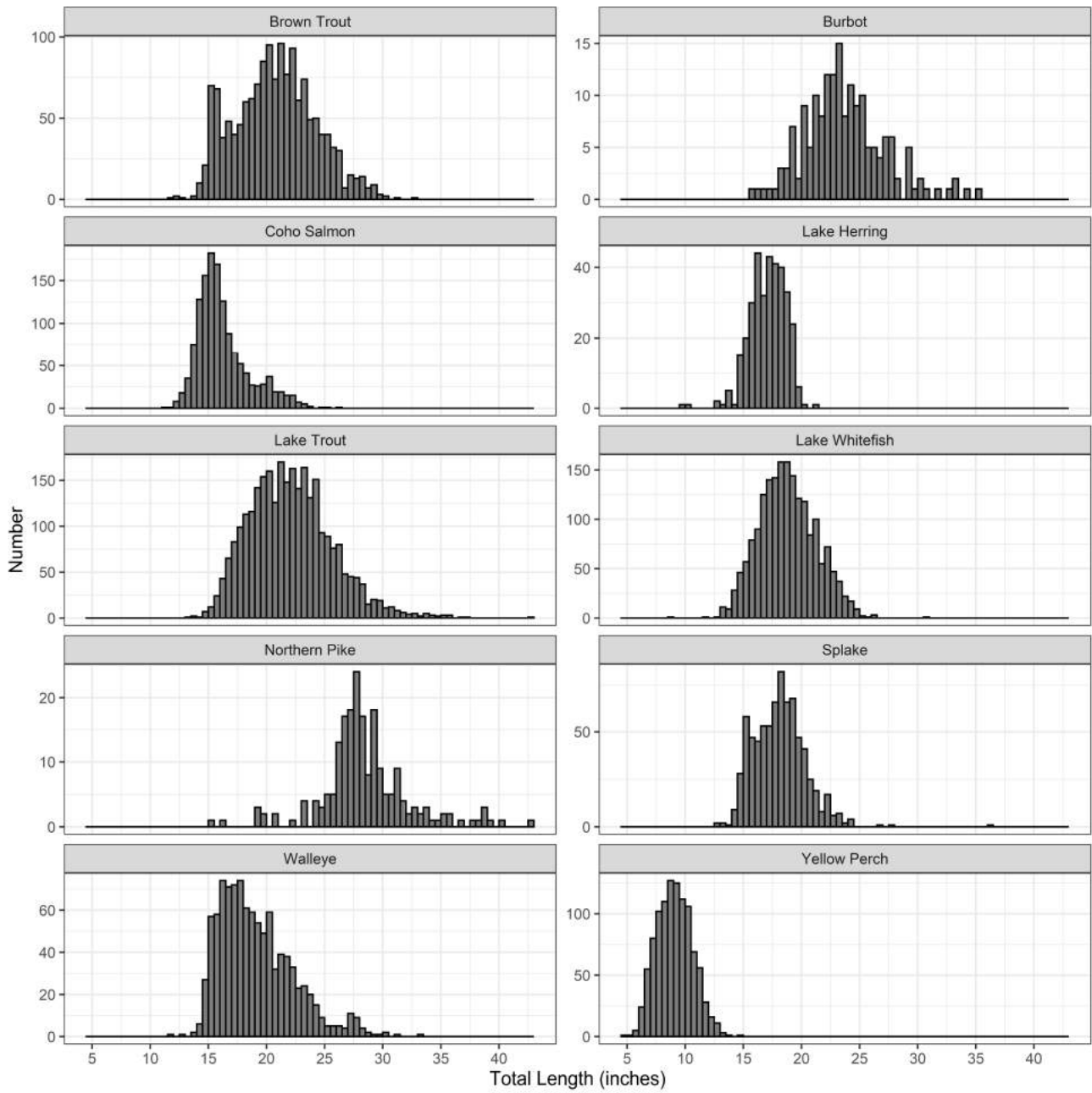


Figure 3. Length distribution of all measured fish (all fisheries and management units) of ten common species in the WDNR Lake Superior Creel Survey from 2017 to 2020.

WI-1 Creel Statistics Tables

* The Superior route was not completed in 2020 due to COVID-19 restrictions.

Table 1. Total estimated effort (angler-hours) within each fishery sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| FISHERY | 2017 | 2018 | 2019 | 2020 | Mean |
|-----------------|--------------|--------------|--------------|--------------|--------------|
| Charter | 1056 | 1278 | 3062 | 3900 | 2324 |
| Open-Water Cold | 26523 | 32842 | 37739 | 9289 | 26598 |
| Open-Water Cool | 18792 | 10804 | 22753 | 1391 | 13435 |
| Total | 46371 | 44924 | 63554 | 14580 | 42357 |

Table 2. Total estimated harvest for the most common species (all other species represented in "All Fish") in **all** fisheries sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye | Yellow Perch |
|-------------|--------------|-------------|-------------|----------------|-------------|--------------|-------------|----------------|---------------|---------------|---------------|---------------------|--------|-------------|--------------|
| 2017 | 46371 | 5890 | 216 | 73 | 846 | 4 | 2957 | | 77 | 4 | 31 | 229 | 1 | 1239 | 107 |
| 2018 | 44924 | 7492 | 304 | 305 | 1726 | | 2916 | 3 | 41 | | 46 | 228 | | 1783 | 22 |
| 2019 | 63554 | 12656 | 486 | 555 | 2252 | | 4102 | 4 | 87 | | 48 | 207 | | 4524 | 69 |
| 2020 | 14580 | 2297 | 32 | 76 | 214 | | 1537 | | 16 | | 30 | 13 | | 378 | |
| Mean | 42357 | 7084 | 260 | 252 | 1260 | 1 | 2878 | 2 | 55 | 1 | 39 | 169 | | 1981 | 50 |

Table 3. Harvest rate (fish per angler-hour) for the most common species (all other species represented in "All Fish") in **all** fisheries sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye | Yellow Perch |
|-------------|--------------|---------------|---------------|----------------|---------------|--------------|---------------|----------------|---------------|---------------|---------------|---------------------|--------|---------------|---------------|
| 2017 | 46371 | 0.1270 | 0.0047 | 0.0016 | 0.0182 | 0.0001 | 0.0638 | | 0.0017 | 0.0001 | 0.0007 | 0.0049 | | 0.0267 | 0.0023 |
| 2018 | 44924 | 0.1668 | 0.0068 | 0.0068 | 0.0384 | | 0.0649 | 0.0001 | 0.0009 | | 0.0010 | 0.0051 | | 0.0397 | 0.0005 |
| 2019 | 63554 | 0.1991 | 0.0076 | 0.0087 | 0.0354 | | 0.0645 | 0.0001 | 0.0014 | | 0.0008 | 0.0033 | | 0.0712 | 0.0011 |
| 2020 | 14580 | 0.1575 | 0.0022 | 0.0052 | 0.0147 | | 0.1054 | | 0.0011 | | 0.0021 | 0.0009 | | 0.0259 | |
| Mean | 42357 | 0.1626 | 0.0053 | 0.0056 | 0.0267 | | 0.0746 | | 0.0013 | | 0.0012 | 0.0036 | | 0.0409 | 0.0010 |

Table 4. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **Open-Water Cold** fishery sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Walleye |
|-------------|--------------|-------------|-------------|----------------|-------------|-------------|----------------|---------------|---------------------|------------|
| 2017 | 26523 | 4218 | 207 | 54 | 790 | 2746 | | 29 | 229 | 143 |
| 2018 | 32842 | 5426 | 295 | 292 | 1669 | 2511 | 3 | 44 | 228 | 377 |
| 2019 | 37739 | 6904 | 423 | 452 | 2016 | 3319 | 4 | 35 | 203 | 418 |
| 2020 | 9289 | 1060 | 22 | 12 | 176 | 775 | | 26 | 13 | 22 |
| Mean | 26598 | 4402 | 237 | 202 | 1163 | 2338 | 2 | 34 | 168 | 240 |

Table 5. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **Open-Water Cold** fishery sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Walleye |
|-------------|--------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------------|---------------|
| 2017 | 26523 | 0.1590 | 0.0078 | 0.0020 | 0.0298 | 0.1035 | | 0.0011 | 0.0086 | 0.0054 |
| 2018 | 32842 | 0.1652 | 0.0090 | 0.0089 | 0.0508 | 0.0765 | 0.0001 | 0.0013 | 0.0069 | 0.0115 |
| 2019 | 37739 | 0.1829 | 0.0112 | 0.0120 | 0.0534 | 0.0879 | 0.0001 | 0.0009 | 0.0054 | 0.0111 |
| 2020 | 9289 | 0.1141 | 0.0024 | 0.0013 | 0.0189 | 0.0834 | | 0.0028 | 0.0014 | 0.0024 |
| Mean | 26598 | 0.1553 | 0.0076 | 0.0060 | 0.0382 | 0.0878 | | 0.0015 | 0.0056 | 0.0076 |

Table 6. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **Open-Water Cool** fishery sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Bullhead | Channel Catfish | Crappie | Lake Trout | Northern Pike | Rock Bass | Walleye | Yellow Perch |
|-------------|--------------|-------------|----------------|-----------------|------------|------------|---------------|-----------|-------------|--------------|
| 2017 | 18792 | 1391 | 8 | | 93 | | 69 | | 1092 | 107 |
| 2018 | 10804 | 1603 | | 10 | 96 | 21 | 36 | 4 | 1395 | 19 |
| 2019 | 22753 | 4768 | | 47 | 244 | 202 | 62 | | 3998 | 69 |
| 2020 | 1391 | 277 | | | | 28 | | | 249 | |
| Mean | 13435 | 2010 | 2 | 14 | 108 | 63 | 42 | 1 | 1684 | 49 |

Table 7. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **Open-Water Cool** fishery sampled in the Lake Superior Creel Survey in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Bullhead | Channel Catfish | Crappie | Lake Trout | Northern Pike | Rock Bass | Walleye | Yellow Perch |
|-------------|--------------|---------------|----------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2017 | 18792 | 0.0740 | 0.0004 | | 0.0049 | | 0.0037 | | 0.0581 | 0.0057 |
| 2018 | 10804 | 0.1484 | | 0.0009 | 0.0089 | 0.0019 | 0.0033 | 0.0004 | 0.1291 | 0.0018 |
| 2019 | 22753 | 0.2096 | | 0.0021 | 0.0107 | 0.0089 | 0.0027 | | 0.1757 | 0.0030 |
| 2020 | 1391 | 0.1991 | | | | 0.0201 | | | 0.1790 | |
| Mean | 13435 | 0.1578 | 0.0001 | 0.0008 | 0.0061 | 0.0077 | 0.0024 | 0.0001 | 0.1355 | 0.0026 |

Table 8. Total estimated harvest for the most common species (all other species represented in “All Fish”) in the **Charter** fishery from mandatory charter harvest reports in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Rainbow Trout | Splake | Walleye |
|-------------|---------------------|-----------------|--------------------|-----------------------|--------------------|-------------------|----------------------|---------------|----------------|
| 2017 | 1056 | 281 | 9 | 13 | 41 | 211 | 2 | 1 | 4 |
| 2018 | 1278 | 463 | 9 | 6 | 50 | 384 | 2 | | 11 |
| 2019 | 3062 | 984 | 39 | 65 | 177 | 581 | 13 | | 108 |
| 2020 | 3900 | 960 | 10 | 64 | 38 | 734 | 4 | | 107 |
| Mean | 2324 | 672 | 17 | 37 | 76 | 478 | 5 | | 58 |

Table 9. Harvest rate (fish per angler-hour) of the most common species (all other species represented in “All Fish”) in the **Charter** fishery from mandatory charter harvest reports in management unit WI-1 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Rainbow Trout | Splake | Walleye |
|-------------|---------------------|-----------------|--------------------|-----------------------|--------------------|-------------------|----------------------|---------------|----------------|
| 2017 | 1056 | 0.2661 | 0.0085 | 0.0123 | 0.0388 | 0.1998 | 0.0019 | 0.0009 | 0.0038 |
| 2018 | 1278 | 0.3623 | 0.0070 | 0.0047 | 0.0391 | 0.3005 | 0.0016 | | 0.0086 |
| 2019 | 3062 | 0.3214 | 0.0127 | 0.0212 | 0.0578 | 0.1897 | 0.0042 | | 0.0353 |
| 2020 | 3900 | 0.2462 | 0.0026 | 0.0164 | 0.0097 | 0.1882 | 0.0010 | | 0.0274 |
| Mean | 2324 | 0.2990 | 0.0077 | 0.0136 | 0.0364 | 0.2196 | 0.0022 | 0.0002 | 0.0188 |



WI-2 Creel Statistics Tables

* Due to COVID-19 restrictions, the creel survey was not conducted in WI-2 in April, May, and June of 2020. Therefore, the mean angler effort and harvest from 2017 to 2019 for each fishery was used for each of these months in 2020.

Table 10. Total estimated effort (angler-hours) within each fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| FISHERY | 2017 | 2018 | 2019 | 2020 | Mean |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| Charter | 5524 | 6934 | 8012 | 8461 | 7233 |
| Open-Water Cold | 92284 | 70212 | 80160 | 95486 | 84536 |
| Open-Water Cool | 47948 | 44328 | 26597 | 29718 | 37148 |
| < 60 ft - Shallow | 55415 | 91145 | 68544 | 91278 | 76596 |
| > 60 ft - Bobbing | 3728 | 22412 | 11215 | 4419 | 10444 |
| Dec Open-Water | 263 | 435 | 1008 | 78 | 446 |
| Open-Water Whitefish | | | | 4300 | 4300 |
| SMB Only | | | 14525 | 19273 | 16899 |
| Total | 205162 | 235466 | 210061 | 253013 | 237602 |

Table 11. Total estimated harvest for the most common species (all other species represented in "All Fish") in **all** fisheries sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Burbot | Chinook Salmon | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye | Yellow Perch |
|-------------|---------------|--------------|-------------|------------|----------------|-------------|--------------|--------------|----------------|---------------|---------------|---------------|---------------------|-------------|-------------|--------------|
| 2017 | 205162 | 49468 | 3443 | 479 | 48 | 5751 | 391 | 10387 | 7177 | 663 | 4506 | 51 | 98 | 1258 | 2440 | 11809 |
| 2018 | 235466 | 60354 | 4094 | 262 | 138 | 4679 | 1058 | 13244 | 13446 | 450 | 5584 | 69 | 158 | 2051 | 1598 | 13107 |
| 2019 | 210061 | 51931 | 4506 | 188 | 176 | 7276 | 688 | 10819 | 9917 | 267 | 2012 | 196 | 121 | 2563 | 861 | 12148 |
| 2020 | 253013 | 48650 | 4128 | 347 | 91 | 4437 | 900 | 13185 | 9559 | 302 | 3166 | 81 | 42 | 2364 | 1093 | 8969 |
| Mean | 225926 | 52601 | 4043 | 319 | 113 | 5536 | 759 | 11909 | 10025 | 420 | 3817 | 99 | 105 | 2059 | 1498 | 11508 |

Table 12. Harvest rate (fish per angler-hour) for the most common species (all other species represented in "All Fish") in **all** fisheries sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Burbot | Chinook Salmon | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye | Yellow Perch |
|-------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------------|---------------|---------------|---------------|
| 2017 | 205162 | 0.2411 | 0.0168 | 0.0023 | 0.0002 | 0.0280 | 0.0019 | 0.0506 | 0.0350 | 0.0032 | 0.0220 | 0.0002 | 0.0005 | 0.0061 | 0.0119 | 0.0576 |
| 2018 | 235466 | 0.2563 | 0.0174 | 0.0011 | 0.0006 | 0.0199 | 0.0045 | 0.0562 | 0.0571 | 0.0019 | 0.0237 | 0.0003 | 0.0007 | 0.0087 | 0.0068 | 0.0557 |
| 2019 | 210061 | 0.2472 | 0.0215 | 0.0009 | 0.0008 | 0.0346 | 0.0033 | 0.0515 | 0.0472 | 0.0013 | 0.0096 | 0.0009 | 0.0006 | 0.0122 | 0.0041 | 0.0578 |
| 2020 | 253013 | 0.1923 | 0.0163 | 0.0014 | 0.0004 | 0.0175 | 0.0036 | 0.0521 | 0.0378 | 0.0012 | 0.0125 | 0.0003 | 0.0002 | 0.0093 | 0.0043 | 0.0354 |
| Mean | 225926 | 0.2342 | 0.0180 | 0.0014 | 0.0005 | 0.0250 | 0.0033 | 0.0526 | 0.0443 | 0.0019 | 0.0170 | 0.0004 | 0.0005 | 0.0091 | 0.0068 | 0.0516 |

Table 13. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **December Open-Water** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Splake |
|-------------|--------------|------------|-------------|-------------|------------|----------------|---------------|-----------|
| 2017 | 263 | 115 | 50 | 4 | 46 | | 4 | 12 |
| 2018 | 435 | 272 | 65 | 95 | 60 | 11 | | 38 |
| 2019 | 1008 | 437 | 254 | 72 | 7 | 34 | 1 | 63 |
| 2020 | 78 | 33 | 11 | 8 | | 3 | | 6 |
| Mean | 446 | 214 | 95 | 45 | 28 | 12 | 1 | 30 |

Table 14. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **December Open-Water** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Splake |
|-------------|--------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|
| 2017 | 263 | 0.4373 | 0.1901 | 0.0152 | 0.1749 | | 0.0152 | 0.0456 |
| 2018 | 435 | 0.6253 | 0.1494 | 0.2184 | 0.1379 | 0.0253 | | 0.0874 |
| 2019 | 1008 | 0.4335 | 0.2520 | 0.0714 | 0.0069 | 0.0337 | 0.0010 | 0.0625 |
| 2020 | 78 | 0.4231 | 0.1410 | 0.1026 | | 0.0385 | | 0.0769 |
| Mean | 446 | 0.4798 | 0.1831 | 0.1019 | 0.0799 | 0.0244 | 0.0040 | 0.0681 |

Table 15. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **Ice < 60 ft - Shallow** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Burbot | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Splake | Walleye | Yellow Perch |
|-------------|--------------|--------------|-------------|------------|-------------|--------------|------------|----------------|---------------|---------------|-------------|-----------|--------------|
| 2017 | 55415 | 25306 | 926 | 395 | 1041 | 325 | 302 | 5516 | 177 | 4492 | 757 | 169 | 11087 |
| 2018 | 91145 | 33837 | 1980 | 243 | 1772 | 870 | 569 | 8711 | 261 | 5579 | 1459 | 108 | 12106 |
| 2019 | 68544 | 21589 | 1359 | 172 | 1044 | 640 | 395 | 3292 | 113 | 2012 | 1664 | 24 | 10740 |
| 2020 | 91278 | 24137 | 1986 | 337 | 597 | 835 | 1054 | 6035 | 117 | 3166 | 1796 | 7 | 8251 |
| Mean | 76596 | 26217 | 1563 | 287 | 1114 | 668 | 580 | 5888 | 167 | 3812 | 1419 | 77 | 10546 |

Table 16. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **Ice < 60 ft - Shallow** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Burbot | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Northern Pike | Rainbow Smelt | Splake | Walleye | Yellow Perch |
|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| 2017 | 55415 | 0.4567 | 0.0167 | 0.0071 | 0.0188 | 0.0059 | 0.0054 | 0.0995 | 0.0032 | 0.0811 | 0.0137 | 0.0030 | 0.2001 |
| 2018 | 91145 | 0.3712 | 0.0217 | 0.0027 | 0.0194 | 0.0095 | 0.0062 | 0.0956 | 0.0029 | 0.0612 | 0.0160 | 0.0012 | 0.1328 |
| 2019 | 68544 | 0.3150 | 0.0198 | 0.0025 | 0.0152 | 0.0093 | 0.0058 | 0.0480 | 0.0016 | 0.0294 | 0.0243 | 0.0004 | 0.1567 |
| 2020 | 91278 | 0.2644 | 0.0218 | 0.0037 | 0.0065 | 0.0091 | 0.0115 | 0.0661 | 0.0013 | 0.0347 | 0.0197 | 0.0001 | 0.0904 |
| Mean | 76596 | 0.3518 | 0.0200 | 0.0040 | 0.0150 | 0.0084 | 0.0072 | 0.0773 | 0.0022 | 0.0516 | 0.0184 | 0.0012 | 0.1450 |

Table 17. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **Ice > 60 ft - Bobbing** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Siscowet Lake Trout | Splake |
|-------------|--------------|-------------|-------------|-------------|--------------|------------|----------------|---------------------|-----------|
| 2017 | 3728 | 1544 | 31 | 87 | 52 | 174 | 1074 | | 27 |
| 2018 | 22412 | 6753 | 46 | 53 | 173 | 1911 | 4425 | 50 | 72 |
| 2019 | 11215 | 3199 | 17 | 16 | 42 | 1188 | 1865 | 38 | 12 |
| 2020 | 4419 | 809 | 55 | 14 | 39 | 558 | 99 | 4 | 31 |
| Mean | 10444 | 3076 | 37 | 42 | 76 | 958 | 1866 | 23 | 36 |

Table 18. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **Ice > 60 ft - Bobbing** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Coho Salmon | Lake Herring | Lake Trout | Lake Whitefish | Siscowet Lake Trout | Splake |
|-------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------------|---------------|
| 2017 | 3728 | 0.4142 | 0.0083 | 0.0233 | 0.0139 | 0.0467 | 0.2881 | | 0.0072 |
| 2018 | 22412 | 0.3013 | 0.0021 | 0.0024 | 0.0077 | 0.0853 | 0.1974 | 0.0022 | 0.0032 |
| 2019 | 11215 | 0.2852 | 0.0015 | 0.0014 | 0.0037 | 0.1059 | 0.1663 | 0.0034 | 0.0011 |
| 2020 | 4419 | 0.1831 | 0.0124 | 0.0032 | 0.0088 | 0.1263 | 0.0224 | 0.0009 | 0.0070 |
| Mean | 10444 | 0.2960 | 0.0061 | 0.0076 | 0.0085 | 0.0910 | 0.1686 | 0.0016 | 0.0046 |

Table 19. Total estimated harvest for the most common species (all other species represented in "All Fish") in the **Open-Water Cold** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye |
|-------------|--------------|--------------|-------------|----------------|-------------|-------------|----------------|---------------|---------------------|------------|-----------|
| 2017 | 92284 | 16326 | 2169 | 43 | 4337 | 8580 | 587 | 28 | 98 | 432 | 6 |
| 2018 | 70212 | 13905 | 1671 | 102 | 2468 | 8785 | 231 | 59 | 103 | 422 | |
| 2019 | 80160 | 20398 | 2485 | 150 | 5245 | 7263 | 3977 | 165 | 74 | 687 | 150 |
| 2020 | 95486 | 15306 | 1938 | 79 | 3684 | 8892 | 171 | 59 | 7 | 467 | 4 |
| Mean | 84536 | 16484 | 2066 | 94 | 3934 | 8380 | 1242 | 78 | 70 | 502 | 40 |

Table 20. Harvest rate (fish per angler-hour) of the most common species (all other species represented in "All Fish") in the **Open-Water Cold** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye |
|-------------|--------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|---------------------|---------------|---------------|
| 2017 | 92284 | 0.1769 | 0.0235 | 0.0005 | 0.0470 | 0.0930 | 0.0064 | 0.0003 | 0.0011 | 0.0047 | 0.0001 |
| 2018 | 70212 | 0.1980 | 0.0238 | 0.0015 | 0.0352 | 0.1251 | 0.0033 | 0.0008 | 0.0015 | 0.0060 | |
| 2019 | 80160 | 0.2545 | 0.0310 | 0.0019 | 0.0654 | 0.0906 | 0.0496 | 0.0021 | 0.0009 | 0.0086 | 0.0019 |
| 2020 | 95486 | 0.1603 | 0.0203 | 0.0008 | 0.0386 | 0.0931 | 0.0018 | 0.0006 | 0.0001 | 0.0049 | |
| Mean | 84536 | 0.1974 | 0.0246 | 0.0012 | 0.0466 | 0.1004 | 0.0153 | 0.0010 | 0.0009 | 0.0060 | 0.0005 |

Table 21. Total estimated harvest for the most common species (all other species represented in “All Fish”) in the **Open-Water Cool** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Bluegill | Brown Bullhead | Lake Trout | Lake Whitefish | Northern Pike | Rock Bass | Walleye | Yellow Perch |
|-------------|--------------|-------------|----------|----------------|------------|----------------|---------------|------------|-------------|--------------|
| 2017 | 47948 | 4419 | | | | | 476 | 855 | 2265 | 710 |
| 2018 | 44328 | 2979 | 21 | 144 | | 67 | 139 | 102 | 1488 | 999 |
| 2019 | 26597 | 2854 | | 37 | | 749 | 99 | | 661 | 1298 |
| 2020 | 29718 | 2120 | 7 | 48 | | 81 | 133 | 30 | 1073 | 679 |
| Mean | 37148 | 3093 | 7 | 57 | | 224 | 212 | 247 | 1372 | 922 |

Table 22. Harvest rate (fish per angler-hour) of the most common species (all other species represented in “All Fish”) in the **Open-Water Cool** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Bluegill | Brown Bullhead | Lake Trout | Lake Whitefish | Northern Pike | Rock Bass | Walleye | Yellow Perch |
|-------------|--------------|---------------|---------------|----------------|------------|----------------|---------------|---------------|---------------|---------------|
| 2017 | 47948 | 0.0922 | | | | | 0.0099 | 0.0178 | 0.0472 | 0.0148 |
| 2018 | 44328 | 0.0672 | 0.0005 | 0.0032 | | 0.0015 | 0.0031 | 0.0023 | 0.0336 | 0.0225 |
| 2019 | 26597 | 0.1073 | | 0.0014 | | 0.0282 | 0.0037 | | 0.0249 | 0.0488 |
| 2020 | 29718 | 0.0713 | 0.0002 | 0.0016 | | 0.0027 | 0.0045 | 0.0010 | 0.0361 | 0.0228 |
| Mean | 37148 | 0.0845 | 0.0002 | 0.0016 | | 0.0081 | 0.0053 | 0.0053 | 0.0354 | 0.0272 |

Table 23. Total estimated harvest for the most common species (all other species represented in “All Fish”) in the **Open-Water Whitefish** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Lake Trout | Lake Whitefish | Splake |
|-------------|--------------|-------------|------------|----------------|-----------|
| 2020 | 4300 | 3301 | 95 | 3169 | 18 |
| Mean | 4300 | 3301 | 95 | 3169 | 18 |

Table 24. Harvest rate (fish per angler-hour) of the most common species (all other species represented in “All Fish”) in the **Open-Water Whitefish** fishery sampled in the Lake Superior Creel Survey in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Lake Trout | Lake Whitefish | Splake |
|-------------|--------------|---------------|---------------|----------------|---------------|
| 2020 | 4300 | 0.7677 | 0.0221 | 0.737 | 0.0042 |
| Mean | 4300 | 0.7677 | 0.0221 | 0.737 | 0.0042 |

Table 25. Total estimated harvest for the most common species (all other species represented in “All Fish”) in the **Charter** fishery from mandatory charter harvest reports in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye |
|-------------|---------------------|-----------------|--------------------|-----------------------|--------------------|-------------------|-----------------------|----------------------|----------------------------|---------------|----------------|
| 2017 | 5524 | 1758 | 154 | 1 | 282 | 1285 | | 4 | | 30 | |
| 2018 | 6934 | 2608 | 332 | 19 | 270 | 1919 | 1 | 3 | | 60 | 2 |
| 2019 | 8012 | 3431 | 381 | 21 | 899 | 1966 | | 22 | | 137 | 3 |
| 2020 | 8461 | 2909 | 131 | 8 | 127 | 2586 | 1 | 5 | 4 | 46 | 1 |
| Mean | 7233 | 2676 | 250 | 12 | 394 | 1939 | | 8 | 1 | 68 | 2 |

Table 26. Harvest rate (fish per angler-hour) of the most common species (all other species represented in “All Fish”) in the **Charter** fishery from mandatory charter harvest reports in management unit WI-2 from 2017 to 2020.

| Year | Effort (hrs) | All Fish | Brown Trout | Chinook Salmon | Coho Salmon | Lake Trout | Lake Whitefish | Rainbow Trout | Siscowet Lake Trout | Splake | Walleye |
|-------------|---------------------|-----------------|--------------------|-----------------------|--------------------|-------------------|-----------------------|----------------------|----------------------------|---------------|----------------|
| 2017 | 5524 | 0.3182 | 0.0279 | 0.0002 | 0.0510 | 0.2326 | | 0.0007 | | 0.0054 | |
| 2018 | 6934 | 0.3761 | 0.0479 | 0.0027 | 0.0389 | 0.2768 | 0.0001 | 0.0004 | | 0.0087 | 0.0003 |
| 2019 | 8012 | 0.4282 | 0.0476 | 0.0026 | 0.1122 | 0.2454 | | 0.0027 | | 0.0171 | 0.0004 |
| 2020 | 8461 | 0.3438 | 0.0155 | 0.0009 | 0.0150 | 0.3056 | 0.0001 | 0.0006 | 0.0005 | 0.0054 | 0.0001 |
| Mean | 7233 | 0.3666 | 0.0347 | 0.0016 | 0.0543 | 0.2651 | | 0.0011 | 0.0001 | 0.0092 | 0.0002 |