



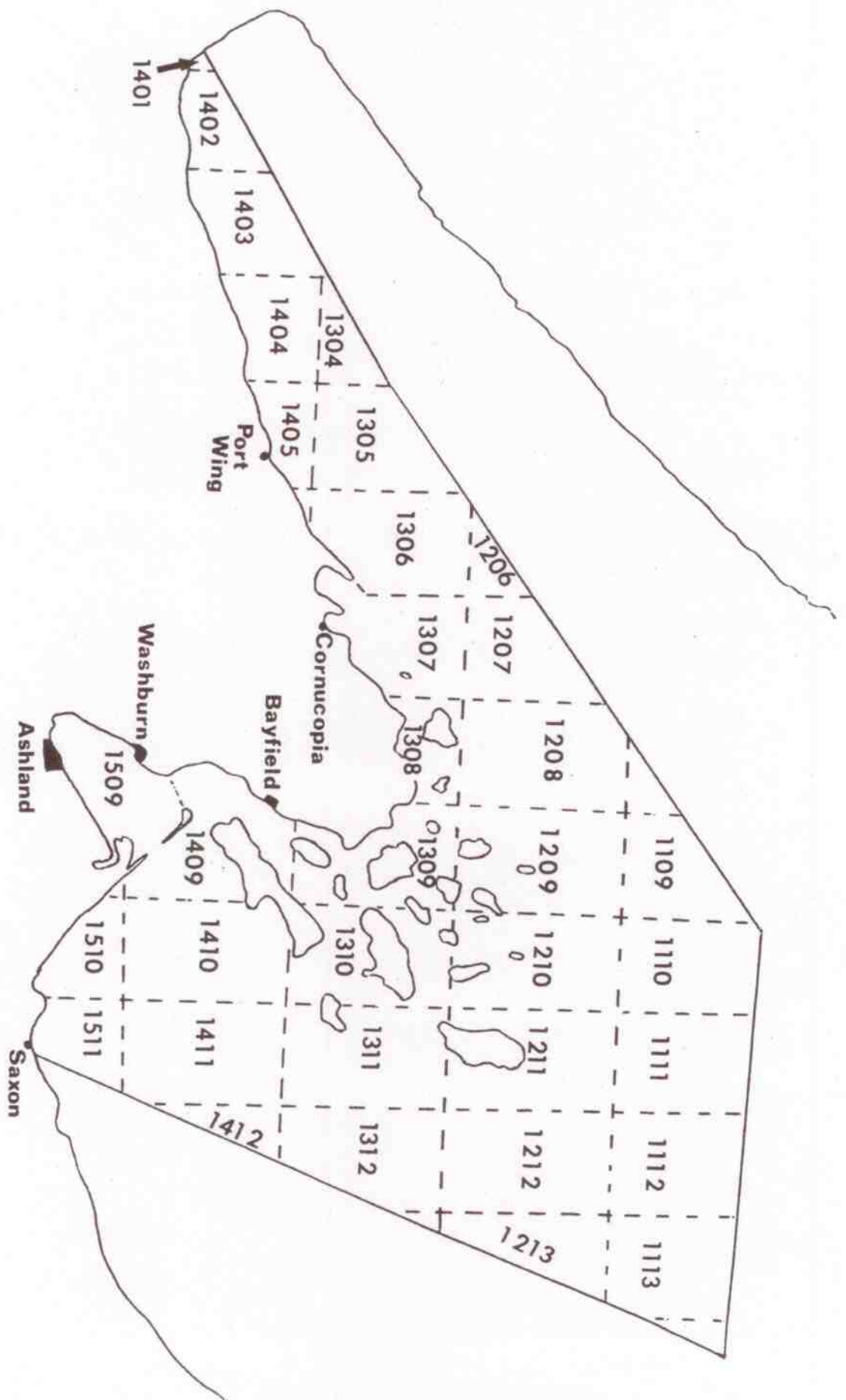
State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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**STATE LICENSED COMMERCIAL
FISHERY STATISTICS FOR WISCONSIN
WATERS OF LAKE SUPERIOR
2019**

**By
Scott Sapper**



Total Production By Grid, 2019

Grid	Lake Trout	Whitefish	Siscowet	Herring	Chubs	Smelt	Burbot	Spawn
1307	3,191	67,800	5,140	277,982	60	450	448	23,980
1207	161	2	8,334	505	1	0	2	0
1208	1,642	52,067	8,876	196,548	625	0	15	2,648
1209	3,470	58,242	8,024	156	10	0	270	0
1210	136	2,653	3	13	0	0	4	0
1211	1,103	21,936	15	0	0	0	9	0
1304	162	5	7,815	4,751	23,400	0	0	0
1113	0	0	19,630	0	0	0	0	0
1306	4,127	10,015	18,325	26,729	4,876	0	129	0
1410	1,190	11,710	10	61	0	0	0	0
1308	2,234	58,177	424	217	1	0	475	0
1309	1,625	37,121	192	140	2	0	325	0
1310	1,975	36,411	5,550	21	4	0	151	0
1311	23	1,077	414	1	0	0	8	0
1405	3,251	5,117	1,024	0	0	0	0	0
1409	1,007	32,596	33	928	0	0	4	10
1305	3,354	5,503	17,127	54,455	16,941	0	140	3,643
Total	28,651	400,432	100,936	562,506	45,920	450	1,980	30,281

Total Production by Month, 2019

Month	Lake Trout	Whitefish	Siscowet	Herring	Chubs	Smelt	Burbot	Spawn
January	2,255	66,249	7,900	223	35	0	234	0
February	153	4,859	28	33	0	0	0	0
April	2,817	34,490	1,891	4,014	3,756	0	284	0
May	3,949	25,612	8,415	4,892	8,093	450	268	0
June	3,848	34,922	8,330	1,799	3,276	0	157	0
July	4,222	64,542	28,570	112	217	0	111	0
August	6,381	78,413	14,619	102	505	0	147	0
September	3,880	82,850	12,016	1,763	3,628	0	772	0
October	0	0	6,006	3,396	18,548	0	0	10
November	0	0	2,307	390,229	7,857	0	0	19,127
December	1,146	8,495	10,854	155,944	5	0	7	11,144
Total	28,651	400,432	100,936	562,506	45,920	450	1,980	30,281

Gill Net Production By Grid, 2019

Grid	LakeTrout	Whitefish	Siscowet	Herring	Chubs	Smelt	Burbot	Spawn
1113	0	0	19,630	0	0	0	0	0
1207	161	2	8,334	505	1	0	2	0
1208	1,642	52,067	8,876	196,548	625	0	15	2,648
1209	9	150	7,973	0	10	0	5	0
1211	11	1,113	11	0	0	0	9	0
1304	162	5	7,815	4,751	23,400	0	0	0
1305	3,354	5,503	17,127	54,455	16,941	0	140	3,643
1306	1,637	2,928	18,171	26,660	4,876	0	81	0
1307	1,246	30,408	4,794	277,877	60	444	63	23,980
1309	291	11,889	145	10	0	0	136	0
1310	674	15,606	5,532	20	4	0	151	0
1311	23	1,077	414	1	0	0	8	0
1405	3,251	5,117	1,024	0	0	0	0	0
1409	206	9,457	28	816	0	0	0	10
Total	12,667	135,322	99,874	561,643	45,917	444	610	30,281

Gill Net Production By Month, 2019

Month	LakeTrout	Whitefish	Siscowet	Herring	Chubs	Smelt	Burbot	Spawn
January	2,255	66,249	7,900	223	35	0	234	0
February	153	4,859	28	33	0	0	0	0
April	2,817	34,064	1,891	4,014	3,756	0	282	0
May	2,638	12,129	8,415	4,727	8,093	444	49	0
June	2,142	4,372	8,297	1,198	3,276	0	12	0
July	632	2,045	28,323	41	214	0	26	0
August	383	1,905	14,252	80	505	0	0	0
September	501	1,204	11,601	1,759	3,628	0	0	0
October	0	0	6,006	3,396	18,548	0	0	10
November	0	0	2,307	390,229	7,857	0	0	19,127
December	1,146	8,495	10,854	155,944	5	0	7	11,144
Total	12,667	135,322	99,874	561,643	45,917	444	610	30,281

Entrapment Gear Production by Grid, 2019

Grid	LakeTrout	Whitefish	Siscowet	Herring	Smelt	Burbot
1209	3,461	58,092	51	156	0	265
1210	136	2,653	3	13	0	4
1211	1,092	20,823	4	0	0	0
1306	2,490	7,087	154	69	0	48
1307	1,945	37,392	346	106	6	385
1308	2,234	58,177	424	217	0	475
1309	1,334	25,232	47	130	0	189
1310	1,301	20,805	18	1	0	0
1409	801	23,139	5	112	0	4
1410	1,190	11,710	10	61	0	0
Total	15,984	265,110	1,062	863	6	1,370

Entrapment Gear Production by Month, 2019

Month	LakeTrout	Whitefish	Siscowet	Herring	Smelt	Burbot
April	0	426	0	0	0	2
May	1,311	13,483	0	165	6	219
June	1,706	30,550	33	601	0	145
July	3,590	62,497	247	71	0	85
August	5,998	76,508	367	22	0	147
September	3,379	81,646	415	4	0	772
Total	15,984	265,110	1,062	863	6	1,370

2019 LakeTrout by Gear and CPE

Gill Net Effort is shown in thousands of feet. Catch is shown as dressed pounds.

Gear Name	Grid	Month	Catch	Effort	CPE
<i>4 1/2" Gill Net - Bottom</i>					
	1208				
		January	981	105.75	9.3
		December	649	11.25	57.7
		Sum	1,630	117	13.9
	1209				
		May	9	2	4.5
		Sum	9	2	4.5
	1211				
		April	11	3	3.7
		Sum	11	3	3.7
	1305				
		January	660	10	66.0
		April	695	21.25	32.7
		May	1,030	32.5	31.7
		June	265	7.5	35.3
		July	37	8.3	4.5
		September	180	15	12.0
		December	115	2.5	46.0
		Sum	2,982	97.05	30.7
	1306				
		January	160	2.5	64.0
		June	839	25	33.6
		July	58	7.5	7.7
		August	114	13.8	8.3
		September	93	7.9	11.8
		Sum	1,264	56.7	22.3
	1307				
		January	354	72.7	4.9
		April	159	42.75	3.7

Gear Name	Grid	Month	Catch	Effort	CPE
		May	136	17.2	7.9
		July	306	15	20.4
		August	109	7.5	14.5
		December	92	1000	0.1
		Sum	1,156	1155.15	1.0
	1309				
		April	255	57.2	4.5
		May	36	15	2.4
		Sum	291	72.2	4.0
	1310				
		April	281	52.5	5.4
		May	33	13.4	2.5
		June	27	38.625	0.7
		July	187	33.75	5.5
		August	112	31.5	3.6
		September	34	22.5	1.5
		Sum	674	192.275	3.5
	1311				
		May	23	8	2.9
		September	0	4.5	0.0
		Sum	23	12.5	1.8
	1405				
		April	1,242	12.4	100.2
		May	1,022	13.8	74.1
		June	921	19.85	46.4
		August	0	2.3	0.0
		September	66	6.9	9.6
		Sum	3,251	55.25	58.8
	1409				
		February	153	40.125	3.8
		April	36	48.25	0.7
		May	17	7.875	2.2
		Sum	206	96.25	2.1

Gear Name	Grid	Month	Catch	Effort	CPE
Sum of 4 1/2" Gill Net - Bottom	Sum	11,497	1859.375	6.2	

Gear Name	Grid	Month	Catch	Effort	CPE
<i>Trap Net</i>					
	1209				
		June	221	34	6.5
		July	769	50	15.4
		August	1,132	44	25.7
		September	1,339	45	29.8
		Sum	3,461	173	20.0
	1210				
		June	19	4	4.8
		July	65	7	9.3
		August	52	6	8.7
		Sum	136	17	8.0
	1211				
		June	33	5	6.6
		July	225	13	17.3
		August	524	20	26.2
		September	310	17	18.2
		Sum	1,092	55	19.9
	1306				
		May	177	3	59.0
		June	261	12	21.8
		July	674	18	37.4
		August	998	15	66.5
		September	380	15	25.3
		Sum	2,490	63	39.5
	1307				
		May	477	25	19.1
		June	291	35	8.3
		July	155	32	4.8
		August	656	31	21.2
		September	366	28	13.1
		Sum	1,945	151	12.9
	1308				

Gear Name	Grid	Month	Catch	Effort	CPE
		April	0	1	0.0
		May	277	20	13.9
		June	284	41	6.9
		July	538	34	15.8
		August	874	37	23.6
		September	261	33	7.9
		Sum	2,234	166	13.5
	1309				
		April	0	1	0.0
		May	123	7	17.6
		June	110	24	4.6
		July	425	24	17.7
		August	528	24	22.0
		September	148	14	10.6
		Sum	1,334	94	14.2
	1310				
		June	33	5	6.6
		July	446	26	17.2
		August	584	34	17.2
		September	238	21	11.3
		Sum	1,301	86	15.1
	1409				
		May	121	7	17.3
		June	168	28	6.0
		July	151	35	4.3
		August	266	22	12.1
		September	95	7	13.6
		Sum	801	99	8.1
	1410				
		May	136	6	22.7
		June	286	12	23.8
		July	142	17	8.4
		August	384	17	22.6
		September	242	17	14.2

Gear Name	Grid	Month	Catch	Effort	CPE
		Sum	1,190	69	17.2
	Sum of Trap Net	Sum	15,984	973	16.4

2019 Whitefish by Gear and CPE

Gill Net Effort is shown in thousands of feet. Entrapment Effort is shown in number of nets lifted. Catch is shown as dressed pounds.

Gear	Grid	Month	Catch	Effort	CPE
<i>4 1/2" Gill Net - Bottom</i>					
	1208	January	44,508	105.75	420.9
		December	7,557	11.25	671.7
		Sum	52,065	117	445.0
	1209	May	150	2	75.0
		Sum	150	2	75.0
	1211	April	1,113	3	371.0
		Sum	1,113	3	371.0
	1305	January	1,575	10	157.5
		April	1,140	21.25	53.6
		May	1,480	32.5	45.5
		June	370	7.5	49.3
		July	85	8.3	10.2
		September	290	15	19.3
		December	560	2.5	224.0
		Sum	5,500	97.05	56.7
	1306	January	375	2.5	150.0
		June	1,355	25	54.2
		July	471	7.5	62.8
		August	632	13.8	45.8
		September	95	7.9	12.0
		Sum	2,928	56.7	51.6
	1307	January	19,791	72.7	272.2
		April	5,281	42.75	123.5
		May	3,747	17.2	217.8
		July	874	15	58.3

Gear	Grid	Month	Catch	Effort	CPE
		August	337	7.5	44.9
		December	287	1000	0.3
		Sum	30,317	1155.15	26.2
	1309				
		April	10,031	57.2	175.4
		May	1,858	15	123.9
		Sum	11,889	72.2	164.7
	1310				
		April	10,752	52.5	204.8
		May	2,138	13.4	159.6
		June	762	38.625	19.7
		July	611	33.75	18.1
		August	846	31.5	26.9
		September	497	22.5	22.1
		Sum	15,606	192.275	81.2
	1311				
		May	1,050	8	131.3
		September	27	4.5	6.0
		Sum	1,077	12.5	86.2
	1405				
		April	1,477	12.4	119.1
		May	1,375	13.8	99.6
		June	1,885	19.85	95.0
		August	85	2.3	37.0
		September	295	6.9	42.8
		Sum	5,117	55.25	92.6
	1409				
		February	4,859	40.125	121.1
		April	4,270	48.25	88.5
		May	328	7.875	41.7
		Sum	9,457	96.25	98.3
	Sum of 4 1/2" Gill Net - Bottom	Sum	135,219	1859.375	72.7

Gear	Grid	Month	Catch	Effort	CPE
<i>Trap Net</i>					
	1209				
		June	3,767	34	110.8
		July	11,585	50	231.7
		August	17,626	44	400.6
		September	25,114	45	558.1
		Sum	58,092	173	335.8
	1210				
		June	726	4	181.5
		July	844	7	120.6
		August	1,083	6	180.6
		Sum	2,653	17	156.1
	1211				
		June	436	5	87.2
		July	3,524	13	271.1
		August	6,697	20	334.9
		September	10,166	17	598.0
		Sum	20,823	55	378.6
	1306				
		May	118	3	39.3
		June	823	12	68.6
		July	1,886	18	104.8
		August	450	15	30.0
		September	3,810	15	254.0
		Sum	7,087	63	112.5
	1307				
		May	4,008	25	160.3
		June	6,091	35	174.0
		July	12,545	32	392.0
		August	7,906	31	255.0
		September	6,842	28	244.4
		Sum	37,392	151	247.6
	1308				
		April	326	1	326.0
		May	4,539	20	226.9
		June	7,396	41	180.4

Gear	Grid	Month	Catch	Effort	CPE
		July	15,978	34	469.9
		August	17,343	37	468.7
		September	12,595	33	381.7
		Sum	58,177	166	350.5
	1309				
		April	100	1	100.0
		May	3,589	7	512.7
		June	3,513	24	146.4
		July	4,791	24	199.6
		August	9,130	24	380.4
		September	4,109	14	293.5
		Sum	25,232	94	268.4
	1310				
		June	542	5	108.4
		July	2,292	26	88.2
		August	5,084	34	149.5
		September	12,887	21	613.7
		Sum	20,805	86	241.9
	1409				
		May	584	7	83.4
		June	6,583	28	235.1
		July	6,824	35	195.0
		August	8,212	22	373.3
		September	936	7	133.7
		Sum	23,139	99	233.7
	1410				
		May	645	6	107.5
		June	673	12	56.1
		July	2,228	17	131.1
		August	2,977	17	175.1
		September	5,187	17	305.1
		Sum	11,710	69	169.7
	Sum of Trap Net	Sum	265,110	973	272.5

2019 Herring by Gear and CPE

Gill Net Effort is shown in thousands of feet.
Catch is shown as dressed pounds.

Gear	Grid	Month	Catch	Effort	CPE
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2 1/2" Gill Net - Bottom

Sum of 2 1/2" Gill Net - Bottom	1305	April	147	4	36.7
		December	10,638	12	886.5
		Sum	10,785	16	674.0
		Sum	10,785	16	674.0

3" Gill Net - Floated

1208	October	247	4	61.7
	November	161,592	252.2	640.7
	December	34,340	34.95	982.5
	Sum	196,179	291.15	673.8
1305	June	75	1	75.0
	November	23,907	42	569.2
	December	12,430	13	956.2
	Sum	36,412	56	650.2
1306	June	32	1.5	21.3
	November	13,095	28	467.7
	December	10,098	12	841.5
	Sum	23,224	41.5	559.6
1307	October	345	1.6	215.6
	November	189,787	273.35	694.3
	December	87,569	66.35	1,319.8
	Sum	277,701	341.3	813.7
1409	November	783	7	111.8

Gear	Grid	Month	Catch	Effort	CPE
		Sum	783	7	111.8
	Sum of 3" Gill Net - Floated	Sum	534,299	736.95	725.0

2019 Siscowet by Gear and CPE

Gill Net Effort is shown in thousands of feet.
Catch is shown as dressed pounds.

Gear	Grid	Month	Catch	Effort	CPE
<i>4 1/2" Gill Net - Bottom</i>					
	1113				
		July	19,630	72	272.6
		Sum	19,630	72	272.6
	1207				
		July	362	3.5	103.4
		August	1,205	12	100.4
		September	535	6	89.2
		December	6,232	31.5	197.8
		Sum	8,334	53	157.2
	1208				
		June	600	4	150.0
		July	363	4	90.8
		August	4,635	36	128.8
		Sum	5,598	44	127.2
	1209				
		July	3,595	24	149.8
		August	4,375	36	121.5
		Sum	7,970	60	132.8
	1305				
		January	4,040	12	336.7
		May	1,380	16	86.3
		July	200	3.3	60.6
		September	1,940	23	84.3
		December	2,765	10	276.5
		Sum	10,325	64.3	160.6
	1306				
		January	1,000	3	333.3
		May	4,125	28	147.3
		June	3,709	49	75.7
		July	580	15	38.7

Gear	Grid	Month	Catch	Effort	CPE
		August	1,072	15	71.5
		September	3,325	42	79.2
		Sum	13,811	152	90.9
	1307				
		July	400	7.5	53.3
		December	527	9	58.6
		Sum	927	16.5	56.2
	Sum of 4 1/2" Gill Net - Bottom	Sum	66,595	461.8	144.2

2019 Chubs by Gear and CPE

Gill Net Effort is shown in thousands of feet.
Catch is shown as dressed pounds.

Gear	Grid	Month	Catch	Effort	CPE	
2 1/2" Gill Net - Bottom						
	1208					
		June	360	18	20.0	
		October	264	18	14.7	
		Sum	624	36	17.3	
	1304					
		June	120	15	8.0	
		August	420	36	11.7	
		September	3,215	108	29.8	
		October	14,631	228	64.2	
		November	5,014	72	69.6	
		Sum	23,400	459	51.0	
	1305					
		April	3,289	133	24.7	
		May	6,246	229	27.3	
		June	1,722	104	16.6	
		July	172	12	14.3	
		August	20	4	5.0	
		September	167	19	8.8	
		October	2,975	50	59.5	
		November	2,300	44	52.3	
		December	5	2	2.5	
		Sum	16,896	597	28.3	
	1306					
		April	450	24	18.8	
		May	1,810	59	30.7	
		June	1,040	58	17.9	
		August	45	4	11.3	
		September	221	20	11.1	
		October	678	32	21.2	
		November	543	27	20.1	
		Sum	4,787	224	21.4	
Sum of 2 1/2" Gill Net - Bottom			Sum	45,707	1316	34.7

2019 Smelt by Gear and CPE

Gill Net Effort is shown in thousands of feet.
 Entrapment Effort is shown in number of nets lifted.
 Catch is shown as round pounds.

Gear	Grid	Month	Catch	Effort	CPE
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1 1/2" Gill Net - Bottom

1307

May	444	2.6	170.8
Sum	444	2.6	170.8

Trap Net

1307

May	6	2	3.0
Sum	6	2	3.0
Grand Total	450		

HISTORICAL PRODUCTION

YEAR	LAKE TROUT	WHITEFISH	SISCOWET	HERRING	CHUBS	SMELT	SUCKERS	BURBOT	SPAWN
1980	65,962	185,862	184,104	119,567	104,109	74,443	2,336	2,280	
1981	67,437	185,957	236,696	61,149	123,886	46,873	630	0	
1982	80,308	149,629	149,148	94,097	113,438	99,971	3,605	6,500	
1983	69,454	113,712	138,817	60,514	155,355	174,356	1,630	255	
1984	71,341	93,301	86,149	112,131	331,452	20,041	6,494	0	
1985	85,020	94,457	35,962	67,458	186,197	225,398	7,454	410	
1986	47,074	115,086	64,729	169,294	179,091	154,254	1,980	205	
1987	49,560	180,912	143,460	270,831	173,108	150,243	8,118	0	
1988	49,402	350,830	125,807	171,748	134,845	166,561	6,410	50	
1989	52,478	307,186	85,013	294,187	64,497	135,979	1,355	0	
1990	50,945	304,843	60,290	486,780	32,056	66,176	1,275	40	
1991	37,057	159,929	98,586	308,229	61,651	34,765	2,850	60	
1992	40,485	162,629	70,801	480,828	127,710	35,018	2,745	370	
1993	33,878	213,576	63,346	306,431	108,665	45,781	1,120	40	
1994	36,615	276,609	125,896	223,463	105,405	21,604	1	0	
1995	38,512	312,620	64,821	179,041	64,601	50,597	1,421	0	
1996	35,000	349,890	58,768	193,788	50,634	8,452	0	0	
1997	19,799	312,864	52,405	177,492	48,315	23,806	0	0	
1998	19,566	449,314	35,241	78,880	35,386	13,411	0	0	
1999	18,439	419,437	62,719	168,278	82,457	21,887	0	0	
2000	15,549	412,140	61,909	144,522	85,025	22,454	0	0	
2001	20,250	429,953	43,170	226,300	75,696	395	0	0	
2002	20,016	407,484	36,240	206,249	37,190	12,944	0	0	
2003	24,984	468,275	33,921	180,503	27,285	3,376	783	0	
2004	23,522	543,469	43,305	161,533	37,205	7,017	0	0	14,974
2005	25,280	563,899	51,835	174,841	31,739	3,423	0	0	11,582
2006	31,783	563,988	61,649	334,525	43,711	1,282	0	0	14,938
2007	27,686	583,007	68,335	292,615	32,198	4,338	0	0	13,599
2008	25,051	661,637	68,696	316,906	10,015	5,253	0	0	15,935
2009	30,282	581,971	76,811	599,695	43,091	5,089	0	378	8,740
2010	34,275	767,350	110,256	735,537	54,616	2,960	0	363	2,767
2011	27,582	636,017	127,858	781,592	50,005	20,036	0	353	3,023
2012	29,264	626,788	112,135	869,394	48,129	8,195	0	320	14,691
2013	21,427	493,377	88,580	627,092	52,703	49	0	778	3,971
2014	20,347	500,104	104,111	509,410	43,638	131	335	2,608	3,589
2015	23,605	493,317	108,732	668,819	53,096	1,736	481	2,883	2,750
2016	25,550	584,077	101,867	414,535	68,064	9,515	87	813	8,099
2017	21,780	543,513	78,924	458,981	68,239	1,375	1,000	866	31,761
2018	36,566	490,982	90,645	566,746	40,380	10	640	2,313	27,006
2019	28,651	400,432	100,936	562,506	45,920	450	0	1,980	30,281

HISTORICAL TARGETED CATCH AND EFFORT

WHITEFISH - 4 1/2" GILL NETS

YEAR	CATCH	EFFORT	CPE
1990	216,843	4,692.8	46.2
1991	67,502	1,761.0	38.3
1992	60,032	1,693.2	35.5
1993	70,366	1,707.7	41.2
1994	79,033	1,507.2	52.4
1995	77,099	1,324.8	58.2
1996	80,495	768.4	104.8
1997	39,891	417.7	95.5
1998	56,547	404.1	139.9
1999	45,177	304.7	148.3
2000	50,267	285.7	175.9
2001	68,167	328.0	207.8
2002	64,956	335.0	193.9
2003	107,326	437.8	245.1
2004	99,365	495.0	200.8
2005	138,631	1,037.0	133.7
2006	198,041	771.0	256.9
2007	185,113	1,124.0	164.7
2008	221,550	779.0	284.4
2009	130,781	794.0	164.7
2010	241,603	810.0	298.3
2011	170,706	816.0	209.2
2012	150,138	867.4	173.1
2013	87,447	520.4	168.0
2014	86,344	683.2	126.4
2015	52,528	517.4	101.5
2016	117,947	552.2	213.6
2017	127,419	552.9	230.5
2018	105,895	893.2	118.6
2019	135,219	1,859.4	72.7

WHITEFISH - ENTRAPMENT NETS

CATCH	EFFORT	CPE
87,329	684	127.7
91,832	623	147.4
100,036	493	202.9
142,947	874	163.6
196,267	967	203.0
235,301	1,031	228.2
268,090	893	300.2
272,801	890	306.5
392,704	1,059	370.8
374,208	1,019	367.2
361,821	982	368.5
360,761	881	409.5
342,518	909	376.8
360,949	1017	354.9
444,104	945	470.0
425,035	970	438.2
365,441	1,130	323.4
397,786	1,152	345.3
440,061	1,234	356.6
451,075	1,398	322.7
525,638	1,397	376.3
465,247	1,330	349.8
476,650	1,376	346.4
404,994	1,504	269.3
413,717	1,433	288.7
440,606	1,501	293.5
466,125	1,347	346.0
415,864	1,187	350.3
385,072	1,305	295.1
265,110	973	272.5

SISCOWET - 4 1/2" GILL NETS

YEAR	CATCH	EFFORT	CPE
1990	28,667	344.5	83.2
1991	79,317	610.2	130.0
1992	44,422	438.0	101.4
1993	23,063	205.0	112.5
1994	98,543	447.5	220.2
1995	35,247	200.4	175.9
1996	44,521	248.3	179.3
1997	32,674	219.8	148.7
1998	23,390	157.0	149.0
1999	37,701	214.6	175.7
2000	27,618	163.1	169.3
2001	20,180	176.5	114.3
2002	19,260	96.8	199.0
2003	10,245	33.0	310.5
2004	20,255	82.1	246.7
2005	22,301	116.5	191.4
2006	36,367	202.5	179.6
2007	37,564	181.4	207.1
2008	49,587	272.9	181.7
2009	44,180	244.0	181.1
2010	61,915	416.1	148.8
2011	79,230	641.8	123.5
2012	56,991	424.0	134.4
2013	36,802	368.9	99.8
2014	66,805	553.7	120.6
2015	81,726	619	132.0
2016	76,625	649.4	118.0
2017	51,036	391.5	130.4
2018	63,280	422.5	149.8
2019	66,595	461.8	144.2

CHUBS - 2 1/2" GILL NETS

CATCH	EFFORT	CPE
31,803	584.8	54.4
61,242	665.1	92.1
123,665	1,238.0	99.9
105,965	1,407.9	75.3
105,295	1,734.2	60.7
64,451	939.7	68.6
50,249	590.5	85.1
47,945	842.3	56.9
35,151	564.5	62.3
82,457	1,048.0	78.7
84,980	1,222.8	69.5
75,652	1,478.0	51.2
37,080	1,012.0	36.6
27,285	725.0	37.6
37,205	640.0	58.1
31,739	890.0	35.7
43,711	974.1	44.9
32,198	990.6	32.5
10,015	474.0	21.1
43,091	1,325.0	32.5
54,566	1,621.4	33.7
49,888	2,001.1	24.9
47,912	2,324.8	20.6
52,427	2,114.1	24.8
43,266	1,704.8	25.4
52,531	1,549.5	33.9
67,711	1,705.5	39.7
68,011	1,708.0	39.8
39,874	1,402.7	28.4
45,707	1,316.0	34.7

HISTORICAL TARGETED CATCH AND EFFORT

HERRING - 2 1/2" GILL NETS

YEAR	CATCH	EFFORT	CPE
1990	275,937	581.7	474.4
1991	187,480	658.0	284.9
1992	148,405	339.1	437.6
1993	79,060	381.1	207.5
1994	82,391	255.5	322.5
1995	41,556	226.5	183.5
1996	50,087	152.6	328.2
1997	47,583	71.7	663.6
1998	34,977	667.9	52.4
1999	39,496	77.8	507.7
2000	26,725	55.3	483.3
2001	56,239	87.6	642.0
2002	1,559	16.0	97.4
2003	16,999	43.1	394.4
2004	390	0.9	433.3
2005	110	0.3	366.6
2006	45	0.3	150.0
2007	470	2.9	163.2
2008	160	1.2	133.3
2009	80	0.2	400.0
2010	0	0	0
2011	43,010	56	768.0
2012	0	0	0
2013	6,277	7.5	837.0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	23,885	36.0	663.5
2019	10,785	16.0	674.0

HERRING - 3" GILL NETS

CATCH	EFFORT	CPE
164,155	929.0	176.7
97,556	375.5	259.8
213,850	270.5	790.6
148,794	530.1	280.7
111,432	343.1	324.8
105,322	513.0	205.3
131,389	668.4	196.5
109,803	444.8	246.9
33,545	93.2	359.9
112,884	293.2	385.0
76,911	202.2	390.3
142,704	297.8	479.2
188,385	544.1	346.2
152,345	409.0	372.5
144,478	441.1	327.5
164,711	432.4	380.9
309,993	598.0	518.4
265,407	524.2	506.3
310,569	803.4	386.6
559,406	1,018.7	549.1
671,305	1,024.2	655.4
701,007	1,640.8	427.2
826,306	1,744.1	473.8
584,755	1,100.2	531.5
490,310	967.3	506.9
603,632	973.6	620.0
390,243	388.9	1,003.5
408,314	476.6	856.7
525,226	789.3	665.4
534,299	737.0	725.0

SMELT - 1 1/2" GILL NETS

YEAR	CATCH	EFFORT	CPE
1990	2,011	89.0	22.6
1991	1,758	83.9	21.0
1992	1,017	60.0	17.0
1993	676	57.2	11.8
1994	758	108.0	7.0
1995	9,087	85.2	106.7
1996	1,251	86.9	14.4
1997	2,371	89.5	26.5
1998	35	3.1	11.3
1999	363	21.9	16.6
2000	137	9.1	15.1
2001	0	0	0
2002	0	0	0
2003	152	10.7	14.2
2004	31	5.4	5.7
2005	11	2.1	5.2
2006	1	1.9	0.5
2007	5	3.2	1.6
2008	0	0	0
2009	13	1.2	10.8
2010	3	0.5	6.7
2011	1	0.2	5
2012	176	4.4	40.0
2013	0	0.5	0
2014	131	10.8	12.1
2015	10	3.4	2.9
2016	0	0	0
2017	0	0	0
2018	10	2.6	3.8
2019	444	2.6	170.8

SMELT - POUND NETS

CATCH	EFFORT	CPE
64,172	225	285.2
32,972	155	212.7
33,999	125	272.0
45,105	62	727.5
20,845	43	484.8
41,510	103	403.0
7,201	34	211.8
21,435	78	274.8
13,376	176	76.0
21,079	45	468.4
22,317	42	531.4
395	39	10.1
12,944	41	315.7
3,224	30	107.5
6,986	42	166.3
3,412	61	55.9
1,281	43	29.8
4,338	26	166.8
5,253	37	142.0
5,076	58	87.5
2,926	35	83.6
20,024	31	645.9
7,983	56	142.6
0	3	0
0	0	0
1,681	31	54.2
9,496	26	365.2
1,375	36	38.2
0	0	0
6	2*	3.0

* Smelt trap net