

APPENDIX A
STATISTICAL TABLES

Inquiry into Freshwater Fish Marketing

TABLE I
Total Landings of Freshwater Fish
Ontario, Prairie Provinces, Northwest Territories
1955-1964

Year	Ontario	Manitoba	Saskatchewan	Alberta	N.W.T.	Canada
TOTAL LANDINGS (000's lbs.)						
1955	45,634	34,936	10,152	8,731	7,827	107,280
1956	59,710	30,397	9,441	9,641	6,939	116,128
1957	51,109	31,571	11,065	10,415	6,584	110,744
1958	47,175	31,929	12,600	11,482	5,894	109,080
1959	48,984	31,052	12,550	12,664	5,747	110,997
1960	47,600	31,944	14,530	15,852	5,613	115,539
1961	54,951	30,658	14,515	11,317	5,676	117,117
1962	63,780	36,105	14,999	9,025	6,544	130,453
1963	51,342	35,738	14,089	8,509	6,347	119,025
1964	43,510	28,636	14,305	12,740	5,960	105,151
Av. 1955- 1959	50,522	31,977	11,162	10,587	6,598	110,845
Av. 1960- 1964	52,836	32,616	14,452	11,489	6,028	117,457
% change	+4.6%	+2.0%	+29.5%	+8.5%	-8.6%	+6.0%
VALUE (\$000's)						
1955	6,782.9	3,476.6	763.0	687.5	742.0	13,123.7
1956	7,927.3	2,947.0	783.9	790.2	787.4	13,230.0
1957	7,046.6	3,279.4	938.9	853.9	720.2	12,879.0
1958	7,271.2	3,540.4	1,090.6	878.7	682.0	13,442.9
1959	4,866.4	3,756.8	1,190.3	1,015.7	702.7	11,531.9
1960	4,983.0	3,866.7	1,367.2	1,158.6	699.7	12,075.2
1961	5,745.5	3,173.6	1,385.4	982.8	674.8	11,862.1
1962	5,341.1	4,229.3	1,477.5	713.5	859.4	12,620.8
1963	5,503.8	4,356.3	1,299.6	676.0	795.8	12,631.5
1964	5,239.8	3,720.0	1,489.9	799.0	808.0	12,046.7

Source: Dominion Bureau of Statistics; Fisheries Statistics.

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TABLE 2
 Lake Trout Landings: by Province and Region: 1955-1964
 (000 lbs.)

Year	Man.	Sask.	Alta.	N.W.T.	Northern Canada	Region Total	Great Lakes	Canada Total
1955	399	1,459	29	2,632	110	4,630	1,040	6,010
1956	486	1,208	13	2,652	62	4,515	570	5,095
1957	396	1,730	33	1,949	153	4,261	345	4,606
1958	333	1,980	23	2,034	244	4,588	378	4,966
1959	388	1,839	24	1,760	282	4,293	240	4,533
1960	404	2,067	24	1,117	161	3,773	124	3,897
1961	348	2,162	100	1,099	129	3,838	52	3,890
1962	505	1,988	19	1,339	137	3,979	71	4,050
1963	439	1,819	21	870	140	3,259	114	3,402
1964	336	1,817	17	972	117	3,256	108	3,574
Avg. 1955-1959	400	1,651	25	2,260	170	4,506	522	5,028
Avg. 1960-1964	406	1,971	34	885	137	3,433	94	3,527
Percent Change	+1.5%	+19.4%	+36.0%	-60.8%	-19.4%	-23.8%	-82.0%	-25.9%
		Percent of Canada Total	Percent of Canada Total	Percent of Canada Total	Percent of Canada Total	Percent of Canada Total	Percent of Canada Total	Percent of Canada Total
		8.0%	32.8%	.5%	44.9%	3.4%	89.6%	10.4%
		11.5%	55.9%	1.0%	25.1%	3.9%	97.3%	2.7%

Source: Dominion Bureau of Statistics: Fisheries Statistics.

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TABLE 3
Whitfish Landings: by Province and by Region: 1955-1964
(000 lbs.)

Year	Man.	Sask.	Alta.	N.W.T.	Northern Ontario	Region Total	Great Lakes	Canada Total
1955	5,184	5,008	2,686	4,600	1,497	18,975	2,954	21,929
1956	5,524	5,234	4,060	3,972	1,643	20,436	2,406	22,842
1957	6,482	6,423	3,962	4,302	1,658	22,827	1,568	24,395
1958	6,279	6,815	4,223	3,379	1,855	22,551	1,422	23,973
1959	6,896	6,868	4,323	3,460	2,203	23,750	979	24,729
1960	6,172	7,782	5,424	3,804	2,409	25,581	1,446	27,027
1961	6,996	7,552	4,578	4,023	2,180	25,369	1,727	27,096
1962	8,086	7,392	2,758	4,628	2,544	25,408	1,096	26,504
1963	7,872	7,140	2,638	4,717	2,320	24,087	1,036	25,123
1964	7,283	6,310	1,526	4,467	2,324	21,910	906	22,816
Av. 1955-1959	6,073	6,070	3,851	3,943	1,771	21,708	1,866	23,574
Av. 1960-1964	7,282	7,243	3,265	4,328	2,255	24,475	1,242	25,717
Percent Change	+19.9%	+19.3%	-15.2%	+9.7%	+33.1%	+12.7%	-33.4%	+9.1%
						Percent of Canada Total		Percent of Canada Total
						25.7%		7.9%
						16.3%		92.1%
						12.7%		7.5%
						16.8%		16.1%
						9.2%		9.2%
						95.2%		95.2%
						4.8%		4.8%
						12.7%		7.9%
						33.1%		33.4%
						12.7%		12.7%
						33.1%		33.4%

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TABLE 4
Pickereel Landings⁽¹⁾: by Province and Region: 1955-1964
(000 lbs.)

Year	Man.	Ont.	Que.	Atl.	Alta.	N.W.T.	N.B.T.	Northern Ontario	Northern Ontario	Region Total	Region Total	Great Lakes	Great Lakes	Canada Total
1955	10,737		1,759	758		49		1,437		14,139		17,517		31,656
1956	7,669		1,259	215		19		1,593		10,755		22,099		32,854
1957	6,849		1,358	278		17		1,572		10,074		15,435		25,509
1958	5,477		1,544	374		152		2,048		9,595		6,612		16,207
1959	5,715		1,635	757		110		2,322		10,539		2,380		12,919
1960	5,893		1,738	1,063		253		2,258		12,205		1,448		13,653
1961	7,016		1,778	840		56		2,262		11,952		1,122		13,074
1962	8,115		2,200	459		31		2,539		13,494		1,168		14,662
1963	7,380		2,430	648		97		2,315		12,870		2,792		15,662
1964	4,853		2,289	502		-		2,047		9,692		1,631		11,323
Av. 1955-1959	7,229	30.6%	1,391	5.3%	475	2.0%	69	1.7%	1,794	11.0%	46.2%	12,809	53.8%	23,828
Av. 1960-1964	6,851	50.1%	2,105	15.4%	705	5.2%	87	0.6%	2,294	16.7%	88.1%	1,632	11.9%	13,664
Percent Change	-6.0%		+51.3%		+48.1%		+26.1%		+27.3%	+9.2%		-87.3%		-42.7%

(1) Including Blue Pickereel
Source: Dominion Bureau of Statistics; Fisheries Statistics

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TABLE 5
Freshwater Fish Landings:
Ontario, Prairie Provinces, Northwest Territories: 1955-1964
(000 lbs.)

<u>Year</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>N.W.T.</u>	<u>Canada</u>
YELLOW PICKEREL						
1955	6,884	10,737	1,159	753	49	19,739
1956	11,672	7,669	1,259	215	19	20,922
1957	10,609	6,849	1,358	278	17	19,215
1958	7,826	5,477	1,544	374	152	15,475
1959	4,652	5,715	1,635	757	110	12,996
1960	3,701	6,893	1,738	1,063	253	12,888
1961	3,382	7,016	1,778	840	56	13,346
1962	3,707	8,115	2,340	469	31	14,662
1963	5,107	7,380	2,430	648	97	15,662
1964	3,678	4,853	2,289	503	-	11,323
BLUE PICKEREL						
1955	12,070	-	-	-	-	12,070
1956	12,020	-	-	-	-	12,020
1957	6,398	-	-	-	-	6,398
1958	834	-	-	-	-	834
1959	50	-	-	-	-	50
1960	5	-	-	-	-	5
1961	2	-	-	-	-	2
1962	-	-	-	-	-	-
1963	-	-	-	-	-	-
1964	-	-	-	-	-	-

Source: Dominion Bureau of Statistics: Fisheries Statistics

Inquiry Into Freshwater Fish Marketing

TABLE 6

Pike Landings; by Province and Region: 1955-1964
('000 lbs.)

Year	Man.	Sask.	Alta.	N.W.T.	Northern Ontario	Region Total	Great Lakes	Canada Total
1955	4,535	941	432	37	824	6,769	88	6,857
1956	4,739	768	417	71	773	6,768	131	6,899
1957	5,135	763	584	118	820	7,420	93	7,513
1958	4,447	1,009	538	138	920	7,055	96	7,151
1959	4,490	1,231	783	213	923	7,640	70	7,710
1960	4,382	1,375	952	251	878	7,833	87	7,925
1961	4,202	1,448	805	287	842	7,584	147	7,731
1962	4,861	1,287	1,562	270	850	8,316	127	8,443
1963	4,430	1,160	1,364	305	887	8,110	104	8,250
1964	3,993	1,615	1,059	-	1,033	7,700	101	7,801
Av. 1955-1959	4,669	942	551	115	853	7,130	96	7,226
Av. 1960-1964	4,374	1,377	1,150	223	898	8,022	113	8,135
Percent Change	-6.3%	+46.2%	+108.7%	+93.9%	+5.3%	+12.5%	+17.7%	+12.6%
						Percent of Canada Total	Percent of Canada Total	Percent of Canada Total
						64.6%	98.7%	1.3%
						53.8%	98.6%	1.4%

Source: Dominion Bureau of Statistics: Fisheries Statistics, Ontario.

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TABLE 7
Sauger Landings: by Province by Region: 1955-1964
 (000 lbs.)

Year	Manitoba	Northern Ontario	Total Region	Great Lakes	Total Canada				
1955	4,255	44	4,299	124	4,423				
1956	4,295	46	4,341	87	4,428				
1957	5,264	29	5,293	75	5,368				
1958	5,299	58	5,357	116	5,473				
1959	3,890	40	3,930	73	4,003				
1960	4,656	58	4,714	27	4,741				
1961	3,195	61	3,256	44	3,300				
1962	3,666	78	3,744	53	3,797				
1963	5,270	72	5,342	64	5,406				
1964	4,302	78	4,380	63	4,443				
		Percent of Canada Total	Percent of Canada Total	Percent of Canada Total	Percent of Canada Total				
Av. 1955--1959	4,601	97.1%	43	.9%	4,644	98.0%	95	2.0%	4,739
Av. 1960--1964	4,218	97.3%	69	1.6%	4,287	98.8%	50	1.2%	4,337
Percent Change									-8.5%

Source: Dominion Bureau of Statistics: Fisheries Statistics

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TABLE 8
 Freshwater Fish Landings:
 Ontario, Prairie Provinces, Northwest Territories: 1955-1964
 (000 lbs.)

<u>Year</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>N.W.T.</u>	<u>Canada</u>
PERCH						
1955	5,181	1,210	--	223	--	6,765
1956	11,843	699	--	132	--	12,799
1957	12,068	661	--	45	--	12,861
1958	16,298	636	--	46	--	17,091
1959	19,968	490	--	139	--	20,709
1960	12,775	861	--	62	--	13,814
1961	18,627	806	--	106	--	19,723
1962	21,658	697	--	48	--	22,403
1963	18,724	552	--	52	--	19,328
1964	9,363	460	--	318	--	10,141
BASS						
1955	4,589	--	--	--	--	4,589
1956	5,795	--	--	--	--	5,795
1957	3,588	--	--	--	--	3,588
1958	1,848	--	--	--	--	1,848
1959	1,445	--	--	--	--	1,445
1960	3,304	--	--	--	--	3,304
1961	3,413	--	--	--	--	3,413
1962	2,491	--	--	--	--	2,491
1963	1,991	--	--	--	--	1,991
1964	1,836	--	--	--	--	1,836
SMELT						
1955	2,327	--	--	--	--	2,327
1956	4,015	--	--	--	--	4,015
1957	4,666	--	--	--	--	4,666
1958	4,968	--	--	--	--	4,968
1959	7,058	--	--	--	--	7,058
1960	11,666	--	--	--	--	11,666
1961	13,065	--	--	--	--	13,065
1962	19,314	--	--	--	--	19,314
1963	10,705	--	--	--	--	10,705
1964	12,887	--	--	--	--	12,887

Source: Dominion Bureau of Statistics: Fisheries Statistics

Inquiry Into Freshwater Fish Marketing

TABLE 9

Freshwater Fish Landings:

Ontario, Prairie Provinces, Northwest Territories:

1955-1964

(000 lbs.)

Year	Ontario	Manitoba	Saskatchewan	Alberta	N.W. T.	Canada
CISCO (LAKE HERRING)						
1955	935	--	--	--	--	935
1956	1,140	--	--	--	--	1,140
1957	1,996	--	--	--	--	1,996
1958	1,917	--	--	--	--	1,917
1959	2,946	--	--	--	--	2,946
1960	2,226	--	--	--	--	2,226
1961	1,854	--	--	--	--	1,854
1962	2,630	--	--	--	--	2,630
1963	2,375	--	--	--	--	2,375
1964	1,993	--	--	--	--	1,993
CISCO (CHUB, TULLIBEE)						
1955	989	2,899	1,250	4,093	--	9,231
1956	924	2,983	604	3,980	--	8,500
1957	775	2,078	561	4,519	--	7,593
1958	1,269	2,626	1,064	5,650	--	10,609
1959	1,575	2,524	500	5,346	--	9,945
1960	2,064	1,830	1,064	7,624	--	12,581
1961	2,993	1,946	1,082	4,377	--	10,398
1962	2,825	748	1,180	3,584	--	8,333
1963	2,329	918	990	3,923	--	8,160
1964	2,035	1,009	1,679	9,055	--	13,778

Source: Dominion Bureau of Statistics: Fisheries Statistics

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TABLE 10

Freshwater Fish Landings:
Ontario, Prairie Provinces, Northwest Territories: 1955-1964
(000 lbs.)

<u>Year</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>N.W.T.</u>	<u>Canada</u>
STURGEON						
1955	162	27	11	--	--	392
1956	140	45	10	--	--	386
1957	176	85	7	--	--	455
1958	246	75	11	--	--	627
1959	180	34	6	--	--	531
1960	185	22	2	--	--	518
1961	196	8	3	--	--	567
1962	135	7	--	--	--	n. o.
1963	134	5	--	--	--	n. o.
1964	98	5	5	--	--	n. o.
GOLDEYE						
1955	6	72	--	--	--	78
1956	84	56	--	--	--	140
1957	31	80	--	--	--	111
1958	22	120	--	--	--	161
1959	15	58	--	--	--	73
1960	33	61	--	--	--	126
1961	24	56	--	--	--	97
1962	34	43	--	--	--	n. o.
1963	20	53	--	--	--	n. o.
1964	28	70	--	--	--	n. o.

Source: Dominion Bureau of Statistics: Fisheries Statistics.

Inquiry Into Freshwater Fish Marketing

TABLE II

Freshwater Fish Landings:
Ontario, Prairie Provinces, Northwest Territories: 1955-1964
(000 lbs.)

Year	Ontario	Manitoba	Saskatchewan	Alberta	N.W.T.	Canada
SUCKER						
1955	1,396	2,373	-	217	-	3,999
1956	1,394	2,911	-	330	-	4,722
1957	1,316	3,878	-	168	-	5,491
1958	1,510	5,102	-	350	-	7,043
1959	1,409	5,003	-	557	-	7,236
1960	1,616	4,727	-	479	-	7,119
1961	1,593	4,815	-	286	-	7,041
1962	1,539	8,035	-	344	-	9,918
1963	1,650	7,763	-	270	-	9,683
1964	1,450	4,672	-	265	-	6,387
BURBOT (LING)						
1955	506	2,681	-	254	-	
1956	451	141	-	326	-	
1957	354	46	-	813	-	
1958	484	410	-	277	-	
1959	431	769	-	735	-	
1960	614	937	-	217	-	
1961	637	826	-	216	-	
1962	623	928	-	230	-	
1963	615	609	-	186	-	
1964	600	569	-	-	-	

Source: Dominion Bureau of Statistics: Fisheries Statistics

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TABLE 12
 Freshwater Fish Landings
 Ontario, Prairie Provinces, Northwest Territories: 1955-1964
 (000 lbs.)

<u>Year</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>N.W.T.</u>	<u>Canada</u>
CATFISH						
1955	1,109	73	-	-	-	1,535
1956	1,140	59	-	-	-	1,472
1957	1,033	87	-	-	-	1,411
1958	965	186	-	-	-	1,543
1959	799	87	-	-	-	1,268
1960	789	91	-	-	-	1,234
1961	607	44	-	-	-	1,146
1962	736	16	-	-	-	752
1963	1,340	21	-	-	-	1,061
1964	287	13	-	-	-	300
CARP						
1955	1,318	64	-	-	-	1,670
1956	1,906	228	-	-	-	2,445
1957	1,507	126	-	-	-	1,800
1958	1,352	284	-	-	-	1,796
1959	1,519	222	-	-	-	1,883
1960	1,124	324	-	-	-	1,609
1961	1,313	64	-	-	-	1,592
1962	1,124	93	-	-	-	1,217
1963	1,323	95	-	-	-	1,418
1964	938	655	-	-	-	1,593

Source: Dominion Bureau of Statistics: Fisheries Statistics

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TABLE 13
Freshwater Fish Landings:
Ontario, Prairie Provinces, Northwest Territories:
1955-1964
(000 lbs.)

<u>Year</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>N.W.T.</u>	<u>Canada</u>
OTHER FRESHWATER FISH						
1955	1,370	-	107	30	-	5,446
1956	1,403	-	114	151	-	2,854
1957	1,727	-	98	13	-	3,291
1958	2,411	-	99	1	-	3,918
1959	1,987	-	204	-	-	4,377
1960	2,178	-	218	7	17	4,372
1961	1,936	-	448	8	12	3,963
1962	1,880	-	815	14	-	-
1963	3,418	-	550	7	-	-
1964	-	-	459	-	-	-

Source: Dominion Bureau of Statistics: Fisheries Statistics

Inquiry into Freshwater Fish Marketing

TABLE 14

Northern Ontario: Landings of Lake Trout,
Whitefish, Yellow Pickerel, Northern Pike, &
Sauger: 1955-1964
(000 lbs.)

Year	Lake Trout	Whitefish	Yellow Pickerel	Northern Pike	Sauger
1955	110	1,497	1,437	824	44
1956	62	1,643	1,593	773	46
1957	153	1,658	1,572	820	29
1958	244	1,855	2,048	923	58
1959	282	2,203	2,322	923	40
1960	161	2,409	2,258	878	58
1961	129	2,180	2,262	842	61
1962	137	2,544	2,539	850	78
1963	140	2,320	2,315	887	72
1964	117	2,324	2,047	1,033	78
Av.					
1955-1959	170	1,771	1,794	853	43
Av.					
1960-1964	137	2,355	2,284	898	69
		Percent of Provincial Total	Percent of Provincial Total	Percent of Provincial Total	Percent of Provincial Total
		24.6%	48.7%	21.5%	89.9%
		59.3%	65.5%	58.3%	88.8%
					31.2%
					58.0%

Source: Dominion Bureau of Statistics: Fisheries Statistics, Ontario.

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TABLE 15

Great Lakes: Landings; Selected Species: 1955-1964
(000 lbs.)

Year	Blue Pickerel	Lake Trout	Whitefish	Yellow Pickerel	Northern Pike	Total Five Species	Total Landings Perch, Smelt, Bass	Total Landings	Perch, smelt, of Total Landings
1955	12,070	1,090	2,954	5,447	88	21,639	12,097	38,851	31.1%
1956	12,020	579	2,406	10,079	131	25,215	21,653	53,833	40.2%
1957	6,398	345	1,568	9,037	93	17,441	20,322	45,345	44.8%
1958	834	378	1,427	5,778	96	8,508	23,114	39,860	58.0%
1959	50	240	979	2,330	70	3,669	28,471	41,368	68.8%
1960	5	124	1,446	1,443	87	3,105	27,745	39,366	70.5%
1961	2	52	1,727	1,120	147	3,048	35,105	46,984	74.7%
1962	-	71	1,096	1,168	127	2,462	43,463	55,211	78.7%
1963	-	114	1,036	2,792	104	4,046	31,420	45,905	68.4%
1964	-	108	906	1,631	101	2,746	24,986	25,572	67.7%

Source: Dominion Bureau of Statistics: Fisheries Statistics, Ontario

Inquiry Into Freshwater Fish Marketing

TABLE 16

Canada: Exports of Freshwater Fish

	Volume 000 lbs.	Value \$000
1955	62,256	17,811
1956	68,116	19,897
1957	64,111	20,350
1958	60,775	21,275
1959	59,856	19,672
1960	60,314	20,211
1961	69,351	21,529
1962	69,903	21,549
1963	66,190	21,458
1964	60,388	21,068
1965	60,028	22,454

Source: D.B.S. Trade of Canada

Inquiry Into Freshwater Fish Marketing

TABLE 17

United States Supply of Whitefish: 1955-1964
(000 lbs. round weight basis)

Year	United States Production	Imports from Canada	Total U.S. Supply	Percent Supply by Canada
1955	1,998	20,072	22,070	91
1956	1,716	19,170	20,886	92
1957	1,626	20,521	22,147	93
1958	719	20,479	21,198	97
1959	1,036	20,454	21,490	95
1960	970	22,990	23,960	96
1961	1,321	21,458	22,779	94
1962	1,072	23,051	24,123	96
1963	1,081	21,645	22,726	95
1964	1,617	19,973	21,590	92

Source: United States Data: *Fisheries of the United States*, U.S. Department of the Interior Canadian Data; Appendix, Table 23.

Inquiry into Freshwater Fish Marketing

TABLE 18

United States Supply of Pickerel (a): 1955-1964
(000 lbs. round weight basis)

<u>Year</u>	<u>United States Production</u>	<u>Imports from Canada</u>	<u>Total U.S. Supply</u>	<u>Percent Supplied by Canada</u>
1955	15,529	33,258	48,787	68
1956	14,873	38,131	53,004	72
1957	10,338	31,499	41,837	75
1958	5,681	22,643	28,324	80
1959	2,762	15,973	18,735	85
1960	2,466	14,479	16,945	85
1961	2,007	17,998	20,005	90
1962	1,641	18,618	20,259	92
1963	1,812	19,346	21,158	91
1964	1,543	18,914	20,457	92

Source: United States Data; *Fisheries of the United States*,
U.S. Department of Interior Canadian Data; Appendix, Table 24

(a) Includes Blue Pickerel, Yellow Pickerel, and Sauger

Inquiry into freshwater fish marketing

TABLE 19

United States supply of pike: 1955-1964
(000 lbs. round weight basis)

<u>Year</u>	<u>United States Production</u>	<u>Imports from Canada</u>	<u>Total U.S. Supply</u>	<u>Percent Supplied by Canada</u>
1955	184	6,679	6,863	97
1956	163	7,039	7,202	98
1957	147	7,264	7,411	98
1958	155	7,176	7,331	98
1959	148	7,234	7,382	98
1960	230	6,760	6,990	97
1961	304	5,428	5,732	95
1962	187	5,322	5,509	97
1963	169	4,925	5,094	97
1964	248	6,437	6,685	96

Source: United States Data; *Fisheries of the United States*;
U.S. Department of Interior Canadian Data; Appendix, Table 25

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TABLE 20
Monthly Price Ranges for Pickerel and Whitefish:
Chicago, 1965
 (cents per lb.)

	Yellow Pickerel ⁽¹⁾	Whitefish ⁽²⁾
January	45-50	30-40
February	55-60	35-45
March	55-65	32-55
April	43-90	40-70
May	44-46	40-47
June	38-42	33-42
July	42-56	30-45
August	45-60	30-52
September	42-60	34-50
October	45-58	32-45
November	56-62	30-60
December	55-62	30-60

⁽¹⁾ Fresh and Frozen, round or dressed, Canadian fish (which excludes Great Lakes fish)

⁽²⁾ Fresh and Frozen, Canadian fish (excludes Great Lakes fish)

Note: The range limits, not the monthly range, indicate the variations in prices from month to month. The monthly range reflects the differences in grades and qualities which are offered.

Source: United States Department of Interior.

Inquiry into Freshwater Fish Marketing

TABLE 21
Production of Gelfil'e Fish: United States: 1957-1965

	1957 ⁽¹⁾	1958	1959	1960	1961	1965
Number of Plants	4	5	5	n.a.	5	5
Standard Cases (M)	170.2	240.1	246.1	234.9	276.5	319.1
Pounds per Case	48	48	48	48	48	48
Pounds (M)	8,170.1	11,520.1	11,812.8	11,275.2	13,272.0	15,316.8
Value (M)	3,066.1	4,024.8	4,371.5	4,396.0	4,961.5	5,153.2

⁽¹⁾ First Year Available

Source: United States Department of Interior

Inquiry Into Freshwater Fish Marketing

TABLE 22

Canadian Freshwater Fish Exports: By Form of Utilization: 1955-1964
Product Weight and Landed Weight
(000 lbs.)

	Exports -- Product Weight		Exports -- Landed Weight ⁽¹⁾		TOTAL
	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	
1955	48,189	14,067	53,008	32,354	85,362
1956	51,696	16,420	56,866	37,766	94,632
1957	47,083	17,028	51,791	39,164	90,955
1958	45,295	15,480	49,825	35,604	85,429
1959	43,220	16,636	47,542	38,263	85,805
1960	45,152	15,162	49,667	34,873	84,540
1961	54,610	14,742	60,070	33,906	93,976
1962	52,687	17,217	57,956	39,599	97,555
1963	47,108	19,082	51,819	43,889	95,703
1964	44,783	15,606	49,262	35,894	85,156

Source: Export data from D.B.S. Trade of Canada

(1) Conversion factors used are: 1.1 for round or dressed fish
2.3 for fillets

Inquiry Into Freshwater Fish Marketing

TABLE 23

Canadian Exports of Whitefish: By Form of Utilization:
1955-1964
Product Weight and Landed Weight
(000 lbs.)

	Exports -- Product Weight		Exports -- Landed Weight ⁽¹⁾		TOTAL
	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	
1955	16,136	1,161	17,750	2,322	20,072
1956	15,282	1,100	16,810	2,360	19,170
1957	16,410	1,235	18,051	2,470	20,521
1958	16,506	1,161	18,157	2,322	20,479
1959	16,196	1,319	17,816	2,638	20,454
1960	16,769	2,277	18,446	4,554	22,990
1961	16,687	1,551	18,356	3,102	21,458
1962	17,159	2,088	18,875	4,176	23,051
1963	15,455	2,322 ⁽²⁾	17,001	4,644	21,645
1964	14,628	1,941 ⁽²⁾	16,091	3,882	19,973

Source: Export data from D.B.S. Trade of Canada

(1) Conversion factors used are: 1.1 for round or dressed fish
2.0 for fillets

(2) Consists of Export Class 3795 plus one-half of exports of Export Class 3999

Inquiry into Freshwater Fish Marketing

TABLE 24

Canadian Freshwater Fish: Unit Export Values: Selected Species:
1955-1965
(cents per lb.)

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Whole Dressed Fish-Fresh											
Pickereel	23.2	21.7	27.3	35.4	40.2	39.4	35.8	37.2	39.2	39.2	51.6
Pike (*)	13.8	12.5	13.8	15.5	18.1	20.4	21.5	20.6	20.0	16.3	20.3
Sauger	21.7	21.9	25.0	23.6	36.6	37.2	30.6	34.4	35.7	31.6	44.3
Lake Trout	29.4	35.3	36.7	38.3	36.9	39.1	43.4	39.5	37.3	37.4	40.4
Whitefish	33.1	36.1	35.9	37.5	36.1	37.5	38.6	36.3	36.5	36.7	38.6
Perch	16.6	16.2	16.7	21.1	16.0	20.2	20.4	13.3	13.4	22.1	18.4
Smeit									13.3	13.9	13.3
Freshwater Fish Fillets											
Pickereel Fresh	44.3	47.2	53.3	66.3	80.4	82.2	65.1	61.0	63.1	66.3	75.5
Frozen							66.3	66.1	70.5	70.6	67.5
Pike	31.4	31.2	33.1	33.8	36.6	37.7	38.2	35.5	35.3	40.5	36.9
Lake Trout									46.9	45.6	45.7
Whitefish	31.8	33.6	34.7	33.0	33.3	34.2	34.1	32.1	36.2	40.1	34.2
Perch - Fresh									29.7	48.1	49.1
Frozen									30.3	48.9	53.4

Inquiry into freshwater fish marketing

TABLE 25

Canadian exports of pike: by form of utilization: 1955-1964
Product weight and landed weight
(000 lbs.)

	Exports - Product Weight		Exports - Landed Weight ⁽¹⁾		TOTAL
	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	
1955	2,228	1,799	2,451	4,228	6,679
1956	2,318	1,910	2,550	4,489	7,039
1957	1,872	2,215	2,059	5,205	7,264
1958	1,986	2,124	2,185	4,991	7,176
1959	1,805	2,233	1,986	5,248	7,234
1960	1,496	2,176	1,646	5,114	6,760
1961	1,266	2,717	1,393	4,035	5,428
1962	1,065	1,786	1,172	4,150	5,322
1963	961	1,646	1,957	3,868	4,925
1964	795	2,367	875	5,562	6,437

Source: Export data from D.B.S. Trade of Canada

(1) Conversion factors used are: 1.1 for round or dressed fish
2.5 for fillets

Inquiry into Freshwater Fish Marketing

TABLE 26

Canadian Exports of Pickerel and Sauger: By form of Utilization: 1955-1964
Product Weight and Landed Weight
(000 lbs.)

	Exports - Product Weight		Exports - Landed Weight ⁽¹⁾		TOTAL
	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	Fresh or Frozen Round or dressed	Fillets, Fresh or Frozen	
1955	14,656	7,769	15,389	17,869	33,258
1956	17,438	8,618	18,310	19,821	38,131
1957	14,681	6,993	15,415	16,084	31,499
1958	13,007	3,907	13,657	8,906	22,643
1959	10,367	2,212	10,885	5,088	15,973
1960	9,825	1,810	10,316	4,163	14,479
1961	10,979	2,813	11,528	6,470	17,998
1962	10,240	3,420	10,752	7,866	18,618
1963	9,695	3,985	10,180	9,166	19,346
1964	9,201	4,023	9,661	9,253	18,914

Source: Export data from D.B.S. Trade of Canada

(1) Conversion factors used are: 1.05 for round or dressed fish
2.3 for fillets

Inquiry Into Freshwater Fish Marketing

TABLE 27

Spread Between Export Price and Fisherman's Price; Dressed Pickeral

(Selected Days 1965)
(Cents per pound)

	June 12	June 17	June 24	July 22	Aug. 3	Aug. 5	Aug. 30	Sept. 15	Sept. 18	Oct. 15
Price Received by Exporter:										
Dressed Pickeral (F.O.B. Winnipeg)	50¢	50¢	50¢	54¢	54¢	58¢(b) (d)		56¢		56¢
Pickeral Fillets				56¢(b) (c)				64¢(b) (e)		
Price Paid by Exporter:										
Dressed Pickeral: (F.O.B. Winnipeg)	38¢	38¢		41¢	41¢	46¢	46¢	47¢	46¢	47¢
Price at Lake to Fisherman (Northern Lakes)	25-28	20-24	22-26	16-20			18-26(*)			
Spread - Dressed Pickeral	22-25	26-30	24-28	34-38	28-36			30-38		30-38
Pickeral Fillets				28-32		24-32		30-38		30-38

Source: Auditor's Report

Province of Manitoba

(1) Fish Purchased and Sold by Two Manitoba Exporters

(a) July 29 - Oct. 15

(b) Fillet price per pound converted to dressed weight basis

(c) July 5

(d) August 16

(e) Sept. 22

Inquiry Into Freshwater Fish Marketing

TABLE 28

Whitefish: Export Prices and Prices to Fishermen: selected days in 1965

Date Fish Purchased	June 12	July 17	July 22	June 24	Sept. 15	Oct. 15
Price Received by Exporter: Dressed						
(F.O.B. Winnipeg)						
Med.	30	28 ⁽¹⁾		30	35	30
Large	40	35	40	35	45	35
Jumbo	50	45	50	45	55	45
Filets (*)	17	17	17	17	17	17
Price Paid by Exporters:						
(F.O.B. Winnipeg)						
Med.	27½	27½		24	29	22
Large	32½	32½	35	29	34	27
Jumbo	42½	42½	45	34	39	32
Price at Lake to						
Fisherman						
(not packed)						
Ungraded ⁽²⁾	7-20	5-20	4-20	6-13	4-14	4-12

(1) Amount actually received: The invoice prices of 32¢, 40¢ and 50¢ were reduced by the United States Importer.

(2) Fillet price of 29¢ per pound converted to dressed weight basis.

(3) Prices reported made no distinction as to size, or "A" whitefish for export or "B" whitefish for filleting.

Source: Auditor's Report
Government of Manitoba.

Inquiry Into Freshwater Fish Marketing

TABLE 29

Freshwater Fish: Landed Value and Market Value, All Species
By Province: 1955-1964

	MANITOBA			SASKATCHEWAN			ALBERTA			N.W.T.		
	Lake Value	Market Value	Lake Value as share of Market Value (\$000)	Lake Value	Market Value	Lake Value as share of Market Value (\$000)	Lake Value	Market Value	Lake Value as share of Market Value (\$000)	Lake Value	Market Value	Lake Value as share of Market Value
1955	3,477	6,044	57.5	763	1,617	47.2	688	1,144	60.1	742	1,529	48.5
1956	2,947	6,426	45.9	784	1,766	44.4	790	1,306	60.5	787	1,463	53.1
1957	3,279	5,929	55.3	939	2,010	46.7	854	1,451	58.9	720	1,356	53.1
1958	3,540	6,844	51.7	1,091	2,339	46.6	879	1,450	60.6	682	1,235	55.2
1959	3,757	6,689	56.2	1,190	2,596	45.8	1,016	1,684	60.3	703	1,146	61.3
1960	3,867	7,035	55.0	1,367	2,830	48.3	1,159	2,021	57.3	700	1,075	65.1
1961	3,174	6,214	51.1	1,385	3,166	43.7	883	1,701	51.9	675	1,179	57.3
1962	4,229	7,979	53.0	1,478	3,115	47.4	714	1,234	57.9	859	1,231	69.8
1963	4,356	7,563	57.6	1,300	2,711	48.0	676	1,125	60.1	796	1,331	59.8
1964	3,720	6,885	54.0									

Source: Fisheries Statistics of Canada, D.B.S.

Inquiry Into Freshwater Fish Marketing

TABLE 30

Freshwater Fish: Landed Value and Market Value, Selected Species
By Province: 1959-1964

Year	MANITOBA			SASKATCHEWAN			ALBERTA			PICKEREL			N.W.T.		
	Lake Value (\$000)	Market Value	Lake Value as Percent of Market Value	Lake Value (\$000)	Market Value	Lake Value as Percent of Market Value	Lake Value (\$000)	Market Value	Lake Value as Percent of Market Value	Lake Value (\$000)	Market Value	Lake Value as Percent of Market Value	Lake Value (\$000)	Market Value	Lake Value as Percent of Market Value
1959	1,300	2,158	60.2	167	475	35.2	83	210	39.5	436	737	59.2	235	357	65.8
1960	1,518	2,564	59.2	265	506	52.4	123	279	44.1	491	776	63.3	155	228	68.0
1961	1,226	2,291	53.5	215	462	46.5	90	214	42.1	500	668	57.6	146	251	58.2
1962	1,750	3,141	55.7	314	621	50.6	53	120	44.2	625	920	67.9	200	265	75.5
1963	1,767	2,761	64.0	365	650	56.2	83	184	45.1	623	1,032	60.4	124	217	57.1
1964	1,277	2,164	59.0												
1959	1,009	1,846	54.7	665	1,440	46.2	627	1,019	61.5	436	737	59.2	235	357	65.8
1960	724	1,420	51.0	764	1,615	47.3	667	1,226	54.4	491	776	63.3	155	228	68.0
1961	929	1,676	55.4	786	1,743	45.1	535	1,087	49.2	500	668	57.6	146	251	58.2
1962	1,126	2,065	54.6	811	1,730	46.9	395	678	58.3	625	920	67.9	200	265	75.5
1963	989	1,709	57.9	648	1,400	46.3	323	535	60.4	623	1,032	60.4	124	217	57.1
1964	1,090	1,864	58.5												
WHITEFISH															
1959	53	123	43.1	170	478	35.6	170	478	35.6	170	478	35.6	170	478	35.6
1960	56	120	46.7	207	461	44.9	207	461	44.9	207	461	44.9	207	461	44.9
1961	56	108	51.9	252	697	36.2	252	697	36.2	252	697	36.2	252	697	36.2
1962	83	159	52.2	232	520	44.6	232	520	44.6	232	520	44.6	232	520	44.6
1963	59	114	50.9	183	427	42.9	183	427	42.9	183	427	42.9	183	427	42.9
1964	51	106	48.1												
TROUT															

Source: Fisheries Statistics of Canada, D.F.S.

APPENDIX B

Tentative Grades of Fish Based On Grading Practices Presently Recognized in the Fish Trade

Whitefish

- (1) Great Lakes, Lake Winnipeg, Great Slave.
- (2) All other lakes which produce relatively light-coloured whitefish. In most cases these are the moderate-sized lakes.
- (3) All lakes which produce the so-called "black" whitefish. In most cases these are the smaller lakes.

Yellow Pickerel

- (1) Great Lakes, Lake Winnipeg, Lake Winnipegosis, Lake Manitoba. In Manitoba, Lake Dauphin, Cedar Lake and Moose Lake; in Saskatchewan, Canoe and Primrose Lakes, and in Alberta, Lac la Biche. Also from neighbouring lakes of comparable size.
- (2) Other lakes - mainly comparatively small and shallow lakes.

Lake Trout

- (1) Lakes where most of the lake trout have yellow, pink, or red flesh.
- (2) Lakes where most of the lake trout have white flesh.
- (3) The deepwater lake trout of Lake Superior, locally known as "sicowet" or "fat trout".

Pike

No difference in grade related to lake of origin.

Sauger

No difference in grade related to lake of origin.

Yellow Perch

- (1) Great Lakes, Lake Manitoba
- (2) Other lakes.

Smelt

For all practical purposes, only produced in Lake Erie.

White Bass

For all practical purposes, only produced in Lake Erie.

Cisco

- (1) Great Lakes = lake herring (limited demand).
- (2) Great Lakes = chubs (limited demand).
- (3) Northern Ontario, Prairie Provinces and N.W.T. = tullibee.
Presumably tullibee will be marketed, if at all, only as animal food.

Goldeye

- (1) Lake Claire, Lake Winnipegosis, Lake Winnipeg, Lake Dauphin and Sandy Lake, also the Saskatchewan River and related waters from the big dam at Grand Rapids to Cumberland Lake. Also, any other waters from which Winnipeg smokers regard goldeye as comparable with those from the waters listed above.
- (2) Other waters.

Sturgeon

No difference in grade related to lake of origin.

Other Species

No difference in grade related to lake of origin.

APPENDIX C

THE OBJECTIVES OF FISH INSPECTION (1)

The objective of fish inspection are to protect the health of the consumer, to ensure that fair trade practices are observed which, among other things, will prevent fraud and deception, and to create confidence in foreign buyers by maintaining a consistent level of good quality in Canadian fish exports. As a matter of policy, the Department develops standards for fish products to achieve these objectives.

In order to provide that a fish product is suitable for consumption and is correctly described, a standard may include definition, composition, quality, hygiene including the environment of processing, grades, labelling, sampling and methods of analyses. Quality includes wholesomeness which means, in part, the absence of substances aesthetically offensive to man such as flesh parasites.

Once a standard has been developed and promulgated, it is the responsibility of the Department to enforce it and of industry to meet it. Constitutionally, the Department can enforce inspection legislation only in respect of fish products being shipped out of or into a province. While, in some instances, the Department assigns an inspection officer to a fish processing establishment to provide technical advice and assistance in the solving of production and processing problems, the officers is not held responsible for the quality of the product from such plant. This liability must rest with the processor.

(1) Extract from an exchange of correspondence between the Commissioner and the Hon. H.J. Robichaud, Minister of the Department of Fisheries.