

APPENDIX

Statistical Tables

Table 1. Index of Industrial Activities & Prices

Year	Index of industrial activity (1955=100)	Industrial production (1955=100)	Tokyo wholesale price index (1952=100)	Tokyo consumer price index (1955=100)	Agriculture, forestry & fishery general (1950~52=100)	Fisheries production (1950~52=100)
1954	93.0	92.9	99.7	101.5	105.0	119.8
1955	100.0	100.0	97.9	100.0	124.0	137.3
1956	123.3	122.4	102.2	101.0	119.5	137.6
1957	143.3	144.5	105.3	103.9	126.6	161.6
1958	144.2	144.8	98.4	104.9	129.1	163.3
1959	178.0	179.7	99.5	106.3	—	—
Jan. '54	147.0	147.1	97.8	106.1	—	—
Feb.	162.6	164.6	98.3	105.3	—	—
Mar.	175.3	176.9	98.6	105.4	—	—
Apr.	167.3	168.4	98.8	105.9	—	—
May	172.8	174.0	98.7	105.4	—	—
Jun.	178.1	180.3	98.5	105.1	—	—
Jul.	179.6	181.0	98.6	105.3	—	—
Aug.	179.2	181.0	99.7	107.1	—	—
Sept.	186.0	188.4	100.1	106.5	—	—
Oct.	189.6	191.7	101.0	107.8	—	—
Nov.	192.3	194.7	101.8	107.9	—	—
Dec.	*206.0	*208.2	101.6	108.0	—	—
Jan. '55	189.3	190.8	101.5	108.8	—	—

(Source: E.P.B. (* preliminary)) (") (Bank of Japan) (Statistics Bureau P.M.O.) (M.A.F.) (")

Table 2. National Income from Fisheries by Distributives Share

Fiscal year	Actual figure (billion yen)	Ratio to the total (%)
1954	160.8	2.7
1955	171.1	2.6
1956	192.8	2.6
1957	204.4	2.5
1958	216.8	2.5

Source: E.P.B.

II. Management Unit

Table 3. Number of Management Units, by Type of Operation¹⁾

Year	Total	Individual management	Fish. coop. assoc.	Fish. production assoc.	Joint management	Companies	Others (government or pref. government, school experimental station)
Jan. 1, 1954 ²⁾	251,747	236,015	552	246	13,869	960	105
Jan. 1, 1956	250,047	236,051	609	282	11,981	1,004	120
Jan. 1, 1957	238,113	225,476	577	274	10,653	1,012	121
Jan. 1, 1958	236,649	223,991	599	286	10,628	1,036	109
Nov. 1, 1958	229,334	222,299	467	305	5,074	1,105	84

Source: Fisheries Management Census, Statistics and Survey Division, Ministry of Agriculture and Forestry.

- 1) Not including inland water fisheries management.
- 2) Not including management units in Amami Oshima.

Table 5. Number of Management,

Year	Total	Whaling			Trawler fisheries				
		Mother ship type whaling	Coastal whaling	Outer trawling (trawler fish.)	Trawler fisheries west of 130°E	Trawler fisheries east of 130°E	Smaller trawler fisheries	Other trawler fisheries	
Jan. 1, 1954	251,744	3	47	5	111	1,418	12,465	2,949	
Jan. 1, 1956	248,828 ²⁾	3	44	6	106	1,232	14,900	3,800	
Nov. 1, 1958	229,334	6	21	5	83	887	13,066	3,432	

Year	Angling and long line					Large set net			
	Skipjack pole and line f.	Horse mackerel and Mackerel pole and line f.	Squid angling	Tuna long line	Other ang. and long line	Herring set net f.	Yellow tail & Tuna set net f.	Salmon set net f.	Other large set net
Jan. 1, 1954	1,884	7,642	18,631	585	62,485	682	346	583	555
Jan. 1, 1956	1,855	3,119	16,869	596	60,859	606	305	565	673
Nov. 1, 1958	1,799	2,813	18,901	687	49,500	87	274	244	462

Source: Fisheries Management Census, Statistics & Survey Div., M.A.F.

- 1) When the management unit operates more than two types of fisheries, it is classified under the type from which it derives more income, therefore, the total is not that of the number of the management units engaged in that type of fisheries but that of those which primarily engaged in it.
- 2) Not including Amami Oshima.
- 3) Including Mothership type Salmon fisheries, totaled 232.
- 4) Including Mother of pearl culture.

Table 4. Number of Management Units, by Tonnage Class of Boats Used

Year	Total	Non-powered	Fisheries by fishing boat			
			Powered (continued)			
			Less than 3 tons	3~5 tons	5~10 tons	10~30 tons
Jan. 1, 1954	251,747	116,205	62,234	8,107	6,815	6,166
Jan. 1, 1956	250,047	99,911	68,863	9,218	6,343	6,082
Jan. 1, 1957	238,113	87,543	69,595	9,315	6,260	5,975
Jan. 1, 1958	236,649	83,254	70,903	9,507	6,263	6,365
Nov. 1, 1958	229,334	75,269	75,602	9,376	5,477	5,415

Year	Powered (concluded)			Other fisheries			
	30~100 tons	100~200 tons	200 tons and over	Large set net	Small set net	Beach seine	Aquiculture in shallow sea
Jan. 1, 1954	2,809	642	293	2,166	8,418	4,288	33,604
Jan. 1, 1956	2,750	751	475	2,149	9,287	3,671	40,547
Jan. 1, 1957	2,693	778	546	2,018	8,673	3,175	41,542
Jan. 1, 1958	2,730	794	576	1,504	7,857	2,752	44,144
Nov. 1, 1958	2,511	683	550	1,280	7,704	3,136	42,331

Source: Fisheries Management Census, Statistics and Survey Div., Ministry of Agriculture and Forestry.

By Type of Fisheries¹⁾

Sardine purse seine	Surrounding net f.			Gill net f.				Lift net f.		
	Horse mackerel and Mackerel purse seine	American type purse seine	Sardine semi-surrounding net	Other surrounding net	Sardine drift net	Herring gill net	Salmon drift net	Other gill net	Pacific saury stick-held dip net f.	Other lift net f.
1,240	182	1	361	1,450	1,991	5,932	731	14,325	407	4,473
1,153	98	3	315	908	1,682	4,682	709	17,229	468	3,434
	1,179		242	896	1,039	1,654	846 ²⁾	19,599	572	2,743

Other types of fisheries					Shallow sea culture				
Small set net	Beach seine	Boat seine	Shellfish, sea weed collection	Dart	Others	Pearl culture	Oyster culture	Laver culture	Other culture
8,418	4,288	7,895	38,654	500	16,903	1,016	4,387	27,377	825
9,287	3,671	7,282	36,385	139	15,298	1,979	4,330	34,182	56
7,798	2,647	5,237	37,380	326	12,573	3,489	4,292	34,484	71

II. Management Unit

Table 6. Number of Individual Management Household by Full-time and Part-time

(As of Nov. 1, '58)

	Total	Self-managed business other than fisheries	Self-managed business other than fisheries and hired work	Hired work only
Total	222,179*	93,185	74,069	22,430
Full-time	32,495	—	—	—
Part-time (fish)	117,758	64,466	38,747	14,545
Part-time (other)	71,926	28,719	35,322	7,885

Source: Fisheries Management Census, Statistics & Survey Division, M.A.F.

* The reason why there is the discrepancy between the total of the first line and that of the first column is because the latter includes the figure of exclusively full-time-32,495.

Table 8. Transition of

Year	Tidal or non-tidal waters	Grand total			Vessel on tidal waters		
		No. of vessels	Gross ton	Horse power	No. of vessels	Gross ton	Horse power
Dec. 31, 1947		429,766	937,698.99	1,540,453	87,591	629,628.59	1,537,574
1948		452,142	1,093,532.08	1,879,216	104,488	799,367.62	1,874,411
1949		473,559	1,184,753.16	2,138,822	118,710	862,906.82	2,133,067
1950		480,340	1,230,846.32	2,334,875	127,566	909,469.69	2,328,689
1951		473,156	1,184,681.09	2,297,004	127,296	865,904.63	2,290,060
1952		446,652	1,161,261.15	2,342,678	129,048	860,644.60	2,334,818
1953		443,235	1,210,077.48	2,458,025	133,203	911,217.15	2,449,232
1954		431,004	1,269,002.72	2,628,673	137,125	984,683.17	2,619,427
1955		415,588	1,331,311.93	2,843,288	142,265	1,067,284.71	2,833,689
1956		416,772	1,461,840.02	3,125,313	149,950	1,208,604.76	3,115,228
1957		403,023	1,572,634.47	3,341,392	154,560	1,339,998.76	3,330,420
1958		398,911	1,615,505.38	3,531,152	162,090	1,393,540.57	3,519,544

Source: Fisheries Agency, Ministry of Agriculture and Forestry.

III. Means of Production.
Fishing vessel

**Table 7. Household by Kinds of Self-managed Business
Other than Fisheries**

(As of Nov. 1, '58)

	Total	Not engaged in self- managed non-fish business	Engaged in self-managed business outside fish.			
			Total	Agriculture	Forestry, hunting	Fish processing
Actual figure	222,179	32,495	189,684	150,392	2,703	5,862
%	100	14.6	85.4	67.7	1.2	2.6

	Engaged in self-managed business outside fish.				Engaged in hired works outside fisheries.		
	Manufacturing other than fish processing	Whole sale and retail	Other busi- nesses	Pedlars and mechanics	Clerkal work	Fisheries	Other busi- nesses than fisheries
Actual figure	1,478	5,624	6,013	16,874	14,738	48,334	49,458
%	0.7	2.5	2.8	9.6	6.6	21.8	22.3

Source: Special Fisheries Management Census, Statistics and Survey Division, M.A.F.

All Fishing Vessels

Vessel on tidal waters		Vessel on non-tidal waters				
Non-powered vessel		Powered vessel			Non-powered vessel	
No. of vessels	Gross ton	No. of vessels	Gross ton	Horse power	No. of vessels	Gross ton
301,102	288,099.04	710	946.70	2,879	40,363	19,006.66
307,135	293,838.92	1,094	1,615.21	4,805	39,425	18,710.33
313,262	300,805.23	1,257	1,811.58	5,755	40,330	19,229.53
310,983	300,113.26	1,353	1,639.78	6,186	40,438	19,323.59
305,009	297,876.11	1,433	2,121.06	6,944	39,418	18,779.29
280,721	281,001.67	1,672	2,420.97	7,860	35,211	17,193.91
275,723	279,999.75	1,881	2,747.85	8,793	32,428	16,112.73
262,377	266,997.39	1,994	2,909.49	9,246	29,508	14,412.67
243,457	247,436.98	2,156	3,079.16	9,599	27,710	13,511.08
237,179	236,996.75	2,247	3,174.87	10,085	27,396	13,063.64
219,758	216,784.86	2,433	3,396.10	10,972	26,272	12,454.75
209,078	206,835.97	2,627	3,582.33	11,608	25,116	11,546.51

III. Means of Production
Fishing vessel

Table 9. Transition of Powered Fishing

Year	Size of vessel	Grand total			Less than 5 tons		
		No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power
Dec. 31, 1947		87,591	629,628.59	1,537,574	67,610	123,488.77	422,932
" 1948		104,488	779,367.62	1,874,411	80,233	146,020.19	493,500
" 1949		118,710	862,906.82	2,133,067	91,512	167,979.11	569,181
" 1950		127,566	909,469.69	2,328,689	98,878	181,311.46	622,787
" 1951		127,296	865,904.63	2,290,060	99,709	180,668.85	640,105
" 1952		129,048	860,644.60	2,334,818	101,647	184,933.67	658,294
" 1953		133,203	911,217.15	2,449,232	106,241	192,543.45	684,623
" 1954		137,125	984,683.17	2,619,427	110,521	200,116.86	715,881
" 1955		142,265	1,069,284.71	2,833,689	115,640	208,805.77	755,793
" 1956		149,950	1,208,604.76	3,115,228	123,318	222,136.60	803,890
" 1957		154,560	1,339,998.76	3,330,420	128,295	230,135.56	853,035
" 1958		162,090	1,393,540.57	3,519,544	136,069	244,221.96	918,836

Year	Size of vessel	30~49 tons			50~99 tons		
		No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power
Dec. 31, 1947		1,297	50,177.54	122,787	1,524	110,758.56	234,913
" 1948		1,631	62,556.89	152,899	1,903	139,735.60	299,638
" 1949		2,036	77,885.30	198,403	1,995	146,214.69	316,507
" 1950		2,261	86,622.61	231,978	2,059	150,985.15	340,689
" 1951		2,272	85,658.84	237,411	1,951	143,063.24	327,465
" 1952		2,315	88,533.22	238,765	1,904	138,774.33	331,590
" 1953		2,350	89,722.19	256,068	2,088	150,282.31	378,220
" 1954		2,402	92,450.13	268,790	2,314	166,712.53	440,900
" 1955		2,373	91,902.90	274,700	2,627	190,607.29	526,925
" 1956		2,295	89,360.35	271,803	2,916	213,876.12	618,640
" 1957		2,218	87,314.59	273,960	3,061	225,027.38	675,770
" 1958		2,271	89,258.47	286,831	3,189	237,213.35	715,950

Source: Fisheries Agency, M.A.F.

III. Means of Production
Fishing vessel

Vessels on Tidal Waters by Size

5~9 tons			10~19 tons			20~29 tons		
No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power
8,156	58,277.49	161,965	7,349	109,023.96	326,090	1,263	31,657.78	92,249
9,639	69,031.52	193,025	9,127	136,317.52	411,422	1,476	38,052.48	110,270
10,616	75,616.70	213,094	10,382	156,227.81	482,955	1,663	43,682.34	128,962
11,100	79,118.18	225,490	11,082	167,186.69	532,354	1,678	44,263.31	134,876
10,877	76,340.98	220,094	9,941	148,285.14	459,490	2,080	54,578.03	164,055
10,860	76,922.14	219,320	9,964	148,610.60	469,184	1,878	49,780.82	155,175
10,413	73,579.08	207,440	9,702	145,339.67	462,839	1,886	50,297.70	158,824
10,187	72,119.13	205,421	9,331	140,339.31	454,823	1,733	46,616.58	146,782
9,939	70,324.98	203,258	9,251	139,225.75	454,682	1,665	45,379.13	144,511
9,711	68,814.99	200,234	9,194	138,489.38	456,870	1,646	44,181.21	144,841
9,479	67,955.78	200,681	8,939	134,954.76	447,786	1,641	44,619.35	147,728
9,235	65,681.21	200,703	8,650	130,055.57	435,261	1,710	46,461.54	160,038

100~199 tons			200~499 tons			500 tons and over		
No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power	No. of vessel	Gross ton	Horse power
275	39,430.59	73,584	89	26,953.64	62,063	28	79,860.26	40,986
352	51,216.55	94,328	92	27,846.62	64,955	35	108,590.25	54,374
373	54,317.02	101,999	96	29,086.35	66,618	37	111,897.50	55,348
375	54,778.87	106,281	95	29,438.63	76,618	38	115,764.79	57,616
329	48,746.29	96,730	109	35,162.80	94,010	28	93,400.46	50,700
322	48,081.72	98,860	131	42,135.46	117,350	27	82,872.60	46,280
333	49,675.58	103,880	157	50,711.82	134,730	33	109,065.35	62,590
394	58,592.44	128,350	191	64,032.48	160,260	52	143,703.71	98,220
474	70,304.19	159,040	234	78,425.03	188,790	62	172,309.67	126,290
502	74,358.06	171,240	268	90,903.96	217,090	100	266,484.09	230,620
502	74,817.60	163,090	287	97,486.90	229,520	138	377,686.84	338,850
513	76,516.23	179,985	309	103,788.33	245,040	144	400,343.91	376,900

III. Means of Production
Fishing vessel

Table 10. Powered Fishing Fleet on

	Total 5 tons and over			Powered	
	No. of vessel	Gross tonnage	Horse power	5~9 tons	10~14 tons
Grand Total	26,021	1,149,318.61	2,600,708	9,235	4,501
Tidal Inland Waters	3	23.16	72	2	1
Shellfish and Sea Weeds					
Collecting	163	2,359.76	6,643	118	11
Fixed Nets	875	8,223.24	25,425	588	197
Pole and Line	3,203	54,575.95	173,544	1,353	662
Long Line	2,803	50,877.44	160,615	1,232	490
Gill Net	3,039	64,977.48	215,895	1,085	536
Purse Seine					
(Netting Vessels)	1,713	53,799.39	188,627	191	262
Purse Seine					
(Auxiliary Vessels)	2,292	41,094.31	134,067	708	459
Lift Net	879	22,727.00	74,890	361	77
Medium Trawler	4,006	83,854.16	268,224	1,756	715
Large Trawler West of 130°E	805	64,350.04	183,060	—	—
Otter Trawler	53	21,917.87	34,330	—	—
Miscellaneous Drag Net	1,017	10,360.42	36,868	586	230
Tuna Clipper	1,685	217,266.80	485,822	44	70
Coastal Whaling	63	7,235.42	32,205	6	3
Antarctic Whaling	69	40,994.79	186,520	—	—
Government Vessels	236	23,998.49	55,839	30	20
Fish Carrier	2,197	56,218.73	140,798	740	549
Refrigeration Fish Carrier & Mother Ship	36	313,392.68	163,560	—	—
Miscellaneous Fisheries	884	11,071.48	33,704	435	219

Source: Fisheries Agency, M.A.F.

III. Means of Production
Fishing vessel

Tidal Waters by Type of Fisheries

(As of Dec. 31, 1958)

vessel						
15~19 tons	20~29 tons	30~49 tons	50~99 tons	100~199 tons	200~499 tons	500 tons and over
4,149	1,710	2,271	3,189	513	309	144
—	—	—	—	—	—	—
8	1	21	4	—	—	—
88	2	—	—	—	—	—
653	159	240	118	18	—	—
404	276	246	149	6	—	—
626	290	173	329	—	—	—
358	272	266	357	6	1	—
641	141	263	79	1	—	—
89	89	120	141	2	—	—
266	307	530	427	5	—	—
—	—	—	772	33	—	—
—	—	—	—	—	44	9
200	—	1	—	—	—	—
128	38	149	621	408	195	32
16	18	—	—	2	17	1
—	—	—	—	—	26	43
21	17	46	47	21	26	8
498	52	192	140	11	—	15
—	—	—	—	—	—	36
153	48	24	5	—	—	—

III. Means of Production
Fishing vessel

Table 11. Transition of Fishing

Age	Steel vessel					
	As of the end of Jun. '48		As of the end of Dec. '52		As of the end of Aug. '55 ²⁾	
	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage
Total	936	189,892.77	906	202,396.88	1,029	379,187.47
0	65	8,589.33	24	5,964.40	63	27,207.63
1	312	38,594.51	18	21,238.34	98	34,522.74
2	336	52,214.39	27	4,989.20	48	22,314.83
3	13	44,924.52	14	2,602.58	27	6,668.06
4	22	19,017.44	72	14,735.51	15	20,493.28
5	7	2,700.72	294	37,108.97	25	4,937.21
6	2	1,233.73	292	37,524.66	12	3,593.30
7	3	771.07	8	14,627.55	70	14,814.18
8	5	394.77	17	16,318.62	272	35,244.14
9	5	1,637.09	7	2,719.06	247	43,512.00
10	19	2,870.36	3	1,751.71	11	34,578.27
11	8	1,534.63	3	863.95	16	18,047.64
12	9	918.99	2	84.76	6	1,624.57
13	3	203.04	5	1,593.16	4	8,705.34
14	9	819.35	16	21,880.86	3	863.95
15	11	882.28	9	1,812.41	1	55.53
16 years and over	107	12,586.55	95	16,581.14	111	102,004.80

Source: Fisheries Agency, M.A.F.

1) Fisheries vessels of more than 5 G.T. on tidal waters.

2) No later information is available.

**Table 12. Percentage of Fishing Vessels on Tidal Waters
by Type of Construction**

(As of Dec. 31, '58)

Type of construction	No. of vessels		Gross tonnage		G.T. per vessel
	No. of vessels	Percentage	Gross tonnage	Percentage	
Grand total	371,168	100.00	1,600,377	100.0	4.30
Steel vessel	1,377	0.31	599,125	37.42	425.00
Wooden vessel	369,791	99.69	1,001,252	62.58	2.72

Source: Fisheries Agency, M.A.F.

III. Means of Production
Fishing vessel

Vessel,¹⁾ by Age of Vessels

Wooden vessel					
As of the end of Jun. '48		As of the end of Dec. '52		As of the end of Aug. '55 ²⁾	
No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage
20,991	394,746.15	26,495	473,314.05	26,837	541,456.30
871	19,064.90	1,298	30,180.21	1,039	26,067.28
4,067	84,760.11	1,587	27,845.22	1,712	59,146.10
1,734	36,944.28	2,283	40,534.85	1,574	44,034.26
344	6,855.62	2,998	53,669.10	1,434	32,023.34
364	8,396.63	3,603	67,361.04	1,565	27,650.96
475	8,282.51	3,634	71,483.57	2,074	37,747.51
615	9,403.75	1,527	31,340.85	2,613	47,696.36
841	12,352.50	376	5,322.32	2,979	56,938.87
941	15,459.07	321	6,163.08	2,818	57,543.99
717	11,425.50	428	6,512.19	1,120	23,902.83
872	13,425.81	524	7,279.33	299	4,046.28
1,319	21,744.50	650	9,284.79	219	3,800.87
962	15,714.71	760	11,971.93	304	4,426.49
1,045	15,737.85	526	7,874.41	400	6,131.10
744	12,814.61	710	9,656.50	487	7,286.61
643	9,846.11	946	14,573.03	473	7,547.06
4,437	72,516.66	4,323	72,261.63	5,725	85,466.39

Table 13. Transition of Powered Fishing Vessel on Tidal Waters
by Type of Engine

	Grand Total	Steam	Diesel	Hot Bulb	Electric Ignition
1954 No. of Vessel	137,125	35	14,425	46,675	75,990
Gross Ton.	984,683.17	66,631.52	395,569.61	409,877.58	112,604.46
Horse Power	2,619,427	43,330	932,578	1,234,549	408,970
1955 No. of Vessel	142,265	33	19,380	45,987	76,865
Gross Ton.	1,067,284.71	74,184.68	486,966.87	374,474.79	111,658.37
Horse Power	2,833,689	45,580	1,167,122	1,206,134	414,853
1956 No. of Vessel	149,950	41	24,274	45,539	80,096
Gross Ton.	1,208,604.76	119,275.21	594,265.95	379,443.31	115,620.29
Horse Power	3,115,228	82,630	1,432,575	1,172,287	427,736
1957 No. of Vessel	154,560	46	33,705	43,202	77,607
Gross Ton.	1,339,998.76	160,877.75	709,613.26	360,404.42	109,103.33
Horse Power	3,330,420	106,130	1,697,608	1,113,165	413,517
1958 No. of Vessel	162,090	42	43,621	41,812	76,615
Gross Ton.	1,393,540.57	147,027.21	797,030.40	343,378.77	106,104.19
Horse Power	3,519,544	99,280	1,946,693	1,066,910	406,661

Source: Fisheries Agency, M.A.F.

III. Means of Production
Fishing vessel

Table 14. Fish-finders by Type of Vessel and by Type of Fisheries
(As of Aug. 1954)

	Total	Less than 5 tons	5~9 tons	10~19 tons	20~49 tons	50~99 tons	100 tons and over
Total	2,619	279	265	654	780	415	226
Pole and line	165	—	6	35	89	35	—
Long line	38	5	9	17	6	1	—
Gill net	42	1	2	32	4	2	1
Lift net	49	17	13	15	4	—	—
Surrounding net	1,374	245	146	461	442	73	7
Tuna & skipjack (Clipper)	196	—	1	1	21	53	120
Government vessels	97	2	4	12	25	24	30
Carrier	59	1	5	30	14	5	4
Medium trawlers	412	1	68	28	149	166	—
Large trawlers	58	—	—	—	—	52	6
Otter trawlers	42	—	—	—	—	—	42
Other drag netters	29	6	6	16	1	—	—
Whaling	16	—	—	—	—	—	16
Shellfish and sea-weed collecting	26	—	1	—	22	3	—
Set net	7	1	2	4	—	—	—
Miscellaneous fisheries	9	—	2	3	3	1	—

Source: Fisheries Agency, M.A.F.
No later information is available.

Table 15. Number of Larger¹⁾

	Total		Large trawler, operating west of 130°E		Medium trawler operating east of 130°E		Tuna and skipjack		Purse seine	
	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage
1952	627	31,622	54	4,025	129	3,954	64	7,464	92	3,473
1953	781	62,472	78	6,021	158	6,240	120	18,413	146	5,751
1954	969	80,539	85	6,637	166	7,489	218	36,506	168	7,985
1955	920	86,218	103	8,386	159	8,184	190	29,083	126	5,751
1956	823	93,023	95	7,665	147	6,951	140	27,033	97	4,607
1957	795	64,596	36	2,804	144	6,667	118	22,014	139	7,415
1958	892	71,160	72	6,006	152	6,450	121	14,700	79	2,867
Jan.	38	2,045	6	450	7	353	2	104	10	469
Feb.	29	1,577	—	—	4	147	5	302	6	188
Mar.	60	3,153	2	150	8	344	9	1,017	8	324
Apr.	139	15,297	2	159	7	395	14	1,377	3	142
May	59	3,759	10	755	4	206	6	1,274	4	100
June	37	2,717	7	607	1	72	8	1,119	4	314
July	56	3,594	4	332	11	549	10	1,691	8	162
Aug.	123	6,641	6	466	58	2,259	19	2,170	11	570
Sept.	121	8,572	16	1,363	35	1,339	16	1,302	2	72
Oct.	60	5,586	11	941	10	457	10	1,411	6	219
Nov.	53	4,225	2	244	5	284	12	1,585	8	253
Dec.	57	11,916	2	159	6	296	7	1,223	13	371

Source: Fisheries Agency, M.A.F.

1) "Larger Fishing Vessels" includes all sorts of both steel and wooden vessels over 15 m, and those of less than 15 m, of which operations were approved by the Minister of Agriculture and Forestry.

III. Means of Production
Fishing port

Table 16. Number of Fishing Ports

Year	Total number	A class (1)	B class (2)	C class (3)	D class (4)
Jun. 30, 1954	2,644	2,210	298	80	56
Apr. 30, 1955	2,668	2,235	298	79	56
Jun. 30, 1956	2,603	2,175	294	78	56
Aug. 1, 1957	2,627	2,199	294	78	56
Aug. 30, 1958	2,675	2,249	292	78	56
Oct. 1, 1959	2,682	2,244	304	78	56

Source: Fisheries Agency, Ministry of Agriculture & Forestry.

- (1) When the ports are utilized by the fishermen in the neighborhood.
 (2) When the ports are more widely utilized, but do not belong to C class.
 (3) When the ports are utilized nation-wide.
 (4) When the ports are in an isolated island or in a far area and needed for the development of the fishing area or for the fishing vessels to take shelter.

Fishing Vessels Launched

Lift netter		Gill (and Drift) netter		Long line other than tuna line		Mackerel angling		Others	
No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage	No. of vessels	Gross tonnage
...	...	...	...	...	...	54	2,375	234	10,331
...	...	...	...	...	...	64	3,349	215	23,058
...	...	...	...	...	...	27	1,617	305	20,305
...	...	...	...	...	...	13	813	329	34,001
...	...	...	...	...	...	23	1,378	321	45,389
...	...	...	...	...	...	44	2,827	314	22,869
73	3,470	65	2,371	168	7,687	76	4,556	86	23,053
...	...	...	...	...	...	1	65	12	604
...	...	...	...	...	...	3	288	11	652
...	...	...	...	...	...	—	—	33	1,318
19	1,085	18	854	53	2,956	15	921	8	7,408
3	78	6	258	16	694	3	230	7	164
—	—	—	—	5	199	1	124	11	282
4	155	2	93	6	209	9	318	2	85
4	179	5	149	6	244	12	544	2	60
10	553	4	140	20	770	8	680	10	2,353
1	35	—	—	9	349	6	566	7	1,608
2	79	11	231	3	106	4	431	6	1,012
6	277	5	159	10	436	1	40	7	8,955

III. Means of Production
Consumption of petroleum products

Table 17. Total Consumption of

Year	Total	Diesel fuel oil	Gas oil
1948	502,302.0	389,975.0	75,278.0
1949	534,933.9	416,443.8	77,486.9
1950	563,256.0	444,555.0	75,326.0
1951	796,559.9	657,283.9	105,262.0
1952	704,610.0	552,023.0	66,705.0
1953	861,771.0	774,805.0	86,966.0
1954	975,560.2	882,899.0	92,635.0
1955	1,195,813.0	1,091,021.0	96,595.0
1956	1,288,938.0	1,188,748.0	90,284.0
1957	1,438,124.0	1,340,128.0	85,042.0
1958	1,604,423.0	1,508,014.0	80,640.0

Source: Statistics and Survey Division, M.A.F.; MITI.

Table 18. Consumption of Petroleum

	Whaling	Mother boat type salmon & crab fisheries	Trawling	Trawling west of 130°E
Diesel fuel oil				
1956	131,931	91,729	7,845	131,360
1957	199,352	79,678	9,385	136,155
1958	255,432	93,368	16,530	144,514
Gas oil				
1956	976	176	15	671
1957	879	117	12	569
1958	638	111	32	618
Kerosene				
1956	4	7	2	1
1957	39	19	0	44
1958	6	19	9	112

Source: "Fisheries Statistics", Statistics & Survey Division, M.A.F.

III. Means of Production
Consumption of petroleum products

Petroleum by Kinds of Products

(In KL unless otherwise noted)

Kerosene	Benzine	Lubricating oil	Other petroleum products
9,843.0	1,539.0	25,667.0	245.6 tons
8,362.2	1,640.7	31,000.3	216.5 "
8,341.5	1,609.5	33,424.0	160.2 "
12,951.0	2,814.0	18,249.0	84.0 "
8,056.0	—	29,071.0	—
—	—	—	—
—	—	—	—
8,197.0	—	—	—
9,906.0	—	—	—
12,954.0	—	—	—
15,769.0	—	—	—

Products by Major Type of Fisheries

(Unit: KL)

Medium trawling east of 130°E	Purse seine	Tuna long line	Skipjack pole & line	Shallow sea culture	Carriers, government boats
102,941	94,774	233,751	91,742	578	48,951
98,563	103,134	262,134	87,296	958	44,783
104,721	101,189	263,531	85,408	1,180	98,148
1,054	3,292	1,978	1,398	2,938	1,022
537	2,745	1,325	1,232	3,644	888
615	2,377	1,166	1,119	3,330	5,013
1	403	16	579	486	76
44	530	78	460	1,126	96
112	696	9	374	2,341	149

III. Means of Production
Fishing net and twine

Table 19. Productions of Nets

a) Summary

	Total	Fishing net & netting, made of:			
		Total	Cotton	Manila hemp (Abaca)	Other hemp
1950	26,090	17,323	13,727	3,099	440
1951	27,712	17,123	13,248	3,440	295
1952	35,234	20,205	16,625	2,108	918
1953	43,158	21,744	16,516	1,708	1,644
1954	49,337	24,432	18,418	1,618	837
1955	45,357	23,470	14,845	1,273	437
1956	44,239	23,434	10,287	1,110	147
1957	43,889	22,513	7,332	837	97
Jan. 1958	3,246	1,684	540	23	1
Feb.	3,880	2,141	602	45	—
Mar.	3,752	2,010	554	61	4
Apr.	3,380	1,892	554	52	1
May	2,851	1,691	471	52	—
June	2,837	1,440	475	30	2

Source: "Textile Year Book", MITI.

b) Synthetic Fibers used for Fisheries

	Total	Nylon	Vinylon
1953	2,629	1,305	759
1954	4,268	2,220	1,070
1955	8,813	3,379	4,157
1956	14,853	3,779	7,998
1957	16,585	4,886	8,516
1958	*14,140	3,950	7,750

Source: Fisheries Agency, M.A.F.

* Round numbers

III. Means of Production
Fishing net and twine

and Twines for Fisheries

(Unit: 1,000 lbs)

Synthetic fibers	Others	Twines for fisheries, made of:			
		Total	Cotton	Synthetic fibers	Others
0	57	8,767	8,663	0	104
113	27	10,589	9,629	21	939
517	38	15,029	14,451	110	468
1,848	28	21,414	20,001	851	562
3,524	35	25,405	23,924	1,056	425
6,923	12	21,867	20,154	1,511	202
11,890	0	20,805	16,838	3,790	177
14,247	0	21,376	14,986	6,253	137
1,120	0	1,562	1,029	523	10
1,494	0	1,739	1,033	696	10
1,391	0	1,742	1,177	619	6
1,285	0	1,488	955	528	5
1,168	0	1,160	812	344	4
933	0	1,397	983	407	7

(Unit: 1,000 lbs)

Vinyliden	Vinyl chloride	Mixed twines
565	—	—
978	—	—
1,277	—	—
2,126	417	533
1,627	1,047	509
1,420	1,020	—

III. Means of Production
Ice-making and refrigerating facilities

Table 20. Ice-making and

Year	Actual number of plant ¹⁾	Ice-making		No. of plants	Total
		No. of plants	Capacity T/D		
Dec. 31, 1955	2,247	1,577	24,426.3	2,205	2,347,608 ^{m³}
" 56	2,385	1,662	25,860.4	2,344	2,630,162
" 57	2,496	1,709	26,862.7	2,449	2,862,094
" 58	2,574	1,732	27,569.0	2,532	3,062,741

Source: "List of Ice-making and Refrigerating Plants in Japan," Fisheries Agency, M.A.F.

1) In the actual number of factories, counting the one which combines ice-making and cold-storage as one. The number of factories under each type of facilities is that of factories which possess that type of facilities.

2) One cubic *tsubo* can be converted as 2.4 metric tons, in the case of cold-storage, and 4.5 metric tons in the case of storing ice.

Table 21. Number of Fishing Vessels

a) by Type	Total	Government vessel	Carrier
		1,113	60	48
b) by Tonnage class	Total	~50T	
		1,113	31

Source: Fisheries Agency, M.A.F.

Table 22. Wage Earners on Tidal

Total	Whaling	Trawling	Large trawling west of 130°E	Medium trawling	Other drag net
331,258	1,532	1,092	4,586	14,463	12,953
Mackerel and/or horse mackerel angling	Tuna long line	Angling or long lines n.e.s.	Large set nets	Small set nets	Beach seine
12,891	8,969	53,770	25,683	8,739	34,160

Source: Fisheries Management Census, Statistics and Survey Division, M.A.F.

III. Means of Production
Labor force

Refrigerating Plants

(Shore Facilities)

Cold-storage					Freezing	
Capacity ²⁾³⁾			(of which) Ice-storage		No. of plants	Capacity T/D
A-class	B-class	C-class	No. of plants	Capacity ⁴⁾		
^{m³} 918,346	^{m³} 503,241	^{m³} 920,021		^{m³} 895,166	811	^t 7,591
1,077,263	542,373	1,010,527	1,565	984,817	862	8,497
1,202,108	587,381	1,072,605	1,652	1,043,949	915	9,469
1,335,483	616,180	1,111,078	1,699	1,067,442	942	9,880

3) Class A Cold storage means the room temperature under -10°C , Class C, over -2°C , and Class B is between Class A and C.

4) The capacity of ice-storing is included in the cold-storage. The capacity here means how much space can be utilized for cold-storage, when the ice-making is operated in full.

Equipped with Refrigerating Facilities

(As of Dec. 31, 1938)

Trawler	Tuna and skipjack	Larger trawler operating west of 130°E	Others
51	759	121	74
50~100T	100~200T	200T~	
414	330	338	

Waters Fisheries, by Types of Fisheries

(As of Jan. 1, 1954)

Sardine purse seine	Mackerel and/or horse mackerel purse seine	Surrounding net. n. e. s.	Lift net	Gill net	Skipjack pole and line
39,652	5,618	13,068	20,407	17,178	23,581
Boat seine	Fisheries n.e.s.	Pearl culture	Oyster culture	Laver culture	Aquiculture in shallow sea n.e.s.
17,849	8,996	4,874	513	448	263

III. Means of Production
Labor force

Table 23. Number of Fisheries Wage-earners

Grand total	Self-managed fishing household operated with fishing vessels				
	Total	Without self-managed subsidiary	With side work on farmland of 3 <i>tans</i> ¹⁾ or more	With side work on farmland of less than 3 <i>tans</i>	With self-managed side work other than farming
331,258	81,152	19,957	22,035	37,645	1,515

Source: Fisheries Management Census, Statistics and Survey Div., M.A.F.

1) 1 *tan*=1/10 ha

2) Breakdown by types unavailable.

Table 24. Fisheries Workers

Total	Male	Female	Age	
			14~19	20~29
331,258	307,149	24,109	45,077	108,784

Source: Fisheries Management Census. Statistics & Survey Div., M.A.F.

Table 25. Fisheries

Grand total	Individually managed household (using fishing)							Larger set net
	Total	Non-powered	Powered boats used					
			Less than 1 ton	1~3 tons	3~5 tons	5~10 tons	10 tons and over	
2,916,766	1,540,962	708,368	87,311	316,019	50,810	39,555	47,688	7,503

Source: Statistics and Survey Division, M.A.F., Fisheries Management Census. (Preliminary data)

1) Includes self-managed households which operated without fishing vessels.

III. Means of Production.
Labor force

by Types of Household They Come from

(As of Jan. 1, 1954)

Total	Self-managed or non-self-managed household without fishing vessels				
	With side work on farmland of more than 3 <i>tans</i>	With side work on farmland of less than 3 <i>tans</i>	With self-managed side work other than farming	Wage labor only	Not clear
250,062	59,324	90,776	15,152	84,810	44

by Sex and Age

(As of Jan. 1, 1954)

Age				
30~39	40~49	50~59	60 and over	unknown
62,806	54,251	38,910	20,594	836

Household Population

(As of Jan. 1, 1954)

vessels)			Workers' families (not using fishing vessels)				
Smaller set net	Beach seine	Shallow sea culture	Total	Self-managed	Not self-managed, but took part in joint-management	Did neither self-managed nor joint-managed fisheries, but self-managed other business	Not self-managed, but hired work only
48,551	19,552	215,605	1,375,804	251,640	195,812	605,691	322,661

III. Means of Production
Labor force

Table 26. Number of Individual

	Total			13 years old and under	
	Total	Male	Female	Total	Male
	1,396,759	710,279	686,480	448,079	226,199

Source: Statistics and Survey Division, M.A.F., Special Fisheries Management Census.

Table 27. Fish

	Total ¹⁾	Pacific salmon	Salmon trout	Flat-fishes	Cod and alaska pollack	Anchovy, round herring and sardine	Herring	Skipjack and frigate mackerel	Mackereles
1935	4,044.0	56.7	44.4	70.9	180.1	1,377.6	229.4	72.9	114.1
1940	3,591.0	70.5	23.8	76.1	169.6	865.7	185.1	116.3	122.0
1945	2,035.0	9.1	2.1	53.3	60.8	260.1	317.6	19.7	83.7
1946	2,130.0	6.3	1.7	99.0	106.6	359.5	324.9	41.4	64.4
1947	2,206.0	6.9	4.7	92.0	126.8	349.0	172.8	48.7	63.2
1948	2,431.0	6.6	2.1	90.6	183.8	375.4	192.0	40.7	98.5
1949	2,642.0	—	—	85.1	159.2	472.4	186.3	46.5	138.4
1950	3,086.0	16.0	—	99.1	152.9	562.8	172.7	84.7	187.9
1951	3,666.0	25.1	—	99.4	211.0	665.0	187.4	104.3	151.3
1952	4,655.3	36.5	—	126.8	246.7	637.3	320.9	111.0	286.7
1953	4,598.9	42.0	—	128.3	253.0	660.0	275.2	88.3	234.8
1954	4,541.3	72.8	—	129.2	267.8	620.4	132.3	120.4	297.4
1955	4,907.6	170.4	—	124.5	270.7	697.5	46.8	123.1	244.4
1956	4,772.8	151.3	—	150.2	270.1	641.6	35.6	123.9	266.2
1957	5,407.5	181.5	—	159.9	347.2	716.4	47.3	117.9	275.3
1958	5,505.1	196.6	—	180.6	344.9	633.7	38.3	170.7	268.4
1959 ²⁾	5,884.0	184.0	—	262.0	442.0	522.0	16.0	166.0 ³⁾	294.0

Source: Up to 1953: F.A.O., Yearbook of Fishery Statistics; from 1954: Statistics and Survey Division, M.A.F.

- 1) Does not include whaling catch.
- 2) Preliminary data.
- 3) Excluding Frigate mackerel.
- 4) Excluding Sword-fish.
- 5) King crab only.

IV. Fisheries Production
Total fish catch

Management Household Member

(As of Nov. 1, 1958)

Female	14 years old and over		
	Total	Male	Female
221,880	948,680	484,080	464,600

Catch by Species

(Unit: 1,000 metric tons)

Tunas	Horse mackerels	Crabs	Shrimps and prawns	Little neck clam	Octopi	Oysters, coastal and aquicultural	Cuttlefish and squids	Seaweed
68.5	27.3	41.9	21.3	48.8	22.9	71.6	41.1	495.5
86.1	48.5	33.7	16.1	20.7	24.6	53.5	133.6	589.1
12.4	78.4	14.6	16.9	—	13.5	28.7	108.5	169.9
15.1	22.0	18.7	12.2	—	18.0	14.0	129.1	203.6
24.6	28.1	15.7	13.8	—	27.0	12.2	254.4	161.1
16.0	29.6	14.0	33.6	—	21.7	14.0	301.3	170.6
33.5	49.2	11.9	22.2	—	18.2	31.9	257.5	101.2
54.4	72.3	17.3	31.8	—	25.2	34.7	468.6	145.4
82.8	92.6	19.5	36.8	—	28.8	53.9	517.4	246.3
128.7	206.3	26.1	45.6	—	37.5	71.8	656.4	372.6
134.6	239.1	29.4	42.7	79.2	41.9	106.7	467.9	304.4
154.3	251.2	48.9	52.4	64.2	43.8	102.4	443.4	317.4
181.4	238.4	69.1	48.6	64.3	47.6	98.0	434.5	335.0
232.7	246.4	64.3	51.3	86.7	47.0	114.4	354.5	327.8
279.9	312.6	58.9	38.7	86.9	52.0	144.0	418.5	403.5
280.3	324.4	59.1	56.8	85.1	49.0	151.2	412.2	339.7
319.0 ⁴⁾	432.0	27.0 ⁵⁾	2.0	84.0	50.0	149.0	537.0	337.0

IV. Fisheries Production
Total fish catch

Table 28. Fish Catch

	Total ***	Mother boat type salmon fishery	Mother boat type crab fishery	Trawling in N. Paci- fic Ocean *	Trawling in South China Sea *	Tuna long-line *	Pearling in Alafra Sea	Otter trawling west of 130°E
1955	4,907	116	12	9	8	196	0	26
1956	4,772	92	22	24	7	231	0	19
1957	5,407	100	21	32	11	275	0	17
1958	5,506	91	20	55	15	317	0	17
1959****	5,884	70	19	169	7	378	0	18

	Salmon drift net	Skipjack pole and line	Mackerel angling	Squid angling	Herring set net	Yellowtail, tuna set net **
1955	43	145	84	374	16	155
1956	41	163	81	274	8	171
1957	54	168	123	352	4	171
1958	74	184	165	352	1	146
1959	84	182	149	470	1	71

Source: Statistics and Survey Division, M.A.F.

* Including mother boat type.

** Other large set nets are included in 1955~1958.

*** Whaling is excluded.

**** Preliminary data.

Table 29. Whaling in

Year ¹⁾	Factory ship in operation		No. of catcher boat	No. of workers	No. of whale		
	No. of boat (fleet)	Gross ton.			Total	Fin	Blue fin
1951	2	40,842	32	3,268	3,831	2,602	231
1952	2	36,097	30	2,750	2,645	1,972	539
1853	2	36,131	26	2,691	4,218	3,272	200
1954	3	47,239	36	3,877	5,956	4,220	590
1955	3	47,192	40	4,059	6,462	4,524	383
1956	5	77,396	56	6,750	8,092	5,848	611
1957	6	104,431	68	8,241	11,834	7,295	656
1958	6	104,431	69	8,056	12,558	7,865	417

Source: Fisheries Agency, M.A.F.

1) Shows the year the operation started, and includes the period until the spring, next year.

IV. Fisheries Production
Whaling (mother boat type)

by Type of Fisheries

Larger trawling west of 130°E	Medium trawling east of 130°E	Small trawling	Purse seines	Pacific saury stick held dip net	Sardine drift net	Herring gill net
296	486	145	679	488	70	21
304	529	157	631	313	70	21
319	550	186	724	408	62	41
334	519	218	686	557	47	33
337	631	208	790	515	25	11

Other fisheries n.e.s.	Oyster culture	Laver culture	Other aquiculture in shallow sea	Inland water fisheries	Aquiculture in inland waters
1,337	26	15	0	82	11
1,398	31	17	0	90	13
1,514	38	27	0	81	14
1,429	151	63	0	78	15
1,285	149	75	0	75	15

Antarctic Ocean

caught	Production (In metric tons)						
				Whale oil		Meat, skin	Others
	Humpback	Sei	Sperm	Total	Fin whale			Sperm whale
37	—	961	44,111	35,198	8,913	25,999	906
13	1	120	35,247	34,100	1,147	24,173	122
150	1	595	42,955	37,540	5,415	30,468	556
179	—	967	62,377	53,555	8,822	39,676	827
240	7	1,308	69,505	57,611	11,894	44,642	1,180
71	133	1,429	83,729	71,340	12,389	69,515	1,437
223	1,466	2,194	107,152	88,758	18,394	93,279	1,103
1,264	1,095	1,917	206,196	93,549	16,303	94,931	1,411

IV. Fisheries Production
Whaling

Table 30. Whaling in

Year	Factory ship in operation		No. of catcher boat	No. of workers	No. of whale caught		
	No. of fleet	Gross ton			Total	Fin	Blue fin
1952 ¹⁾	1	4,744	4	310	319	213	55
1953	1	4,744	4	346	700	470	90
1954	2	15,913	10	649	2,216	1,316	145
1955	2	22,499	14	889	2,652	1,360	70
1956	2	25,234	15	1,005	3,168	1,415	70
1957	2	22,500	17	1,080	3,341	1,405	70
1958	2	25,241	17	1,058	3,255	1,331	70
1959	2	23,360	17	1,884	3,352	1,450	70

Source: Fisheries Agency, M.A.F.

1) Whaling in this area was commenced since 1952.

2) Includes liver oil.

Table 31. Coastal

	No. of catcher boats ¹⁾	No. of whale caught				
		Total	Fin	Blue fin	Humpback	Sci
1990	33	1,701	141	7	5	299
1951	34	1,960	209	46	4	419
1952	42	1,997	231	27	3	665
1953	36	2,047	245	22	9	585
1954	37	2,354	197	16	8	646
1955	33	2,387	354	30	9	488
1956	37	3,284	347	16 ²⁾	14	782
1957	35	3,108	260	5	5	477
1958	35	3,644	222	7	4	823
1959	31	3,580	127	5	4	1,340

Source: Fisheries Agency, M.A.F.

1) Including research vessel.

2) 2 right whales are included in the figure of 1956.

Table 32. Small Type

	No. of catcher boat	No. of whale caught				
		Total	Mink whale	Bottle nosed whale	Pilot whale	Killer whale
1950	66	1,213	259	197	715	24
1951	68	1,294	334	242	618	66
1952	65	1,239	485	322	335	58
1953	58	1,239	406	270	460	66
1954	54	803	365	230	75	100
1955	47	871	427	258	61	85
1956	54	1,210	532	297	297	38
1957	46	893	423	186	174	78
1958	35	1,189	512	229	197	73
1959	33	1,037	280	186	144	36

Source: Fisheries Agency, M.A.F.

1) Discrepancies between the total production and its breakdowns are due to the calculation process that in case of fractional figures of less than 500 kg (0.5 metric tons) they are rounded and over 500 kg are counted as one ton.

IV. Fisheries Production
Whaling

North Pacific Ocean

No. of whale caught			Production (In metric tons)				
Hump-back	Sci	Sperm	Whale oil			Meat, skin	Others ²⁾
			Total	Fin whale	Sperm whale		
37	14	—	2,313	2,313	—	4,062	118
42	98	—	4,951	4,951	—	7,328	322
136	129	490	17,547	13,487	4,060	15,922	568
117	21	1,084	19,026	10,882	8,144	12,823	70
37	48	1,598	24,922	12,343	12,579	17,089	117
0	166	1,700	25,300	12,305	12,995	19,450	136
24	330	1,500	24,724	11,901	12,823	20,542	151
—	32	1,800	27,238	12,821	14,417	22,915	272

Whaling

Production (In metric tons)					
Sperm	Whale oil			Meat, skin	Others
	Total	Fin (balcen)	Sperm		
1,249	4,660	612	3,948	10,363	5,142
1,282	5,034	1,099	3,935	12,555	6,207
1,071	4,887	1,331	3,556	15,953	5,408
1,186	5,332	1,299	4,033	15,018	5,069
1,487	5,637	1,121	4,516	15,169	5,050
1,506	5,853	1,504	4,349	16,095	4,997
2,125	7,859	1,730	6,129	18,522	7,086
2,361	7,552	1,158	6,394	14,393	6,332
2,588	10,365	1,686	8,679	13,936	8,996
2,104	8,949	2,067	6,882	16,966	7,768

Coastal Whaling

Production (In metric tons)					
Others	Total ¹⁾	Whale oil	Edible meat	Edible skin	Others
18	1,900	271	1,040	279	310
34	2,712	368	1,445	428	471
39	3,426	586	1,656	474	710
37	3,030	508	1,610	376	537
33	2,671	348	1,391	388	544
40	2,919	397	1,456	550	516
46	3,553	439	1,901	581	632
37	2,435	301	1,346	356	432
178	2,879	439	1,641	427	370
391	2,099	429	1,106	163	399

IV. Fisheries Production
Marine products

Table 33. Processed

Year	No. of management units		Grand total	Edible				
	Total	Of which operated fisheries		Total	Dried	Salted and dried	Boiled and dried	Smoked and dried
1954	222,996	.....	1,229.3	1,096.1	81.5	75.5	107.3	1.0
1955	231,619	159,733	1,391.2	1,196.0	69.7	89.3	113.8	0.7
1956	208,051	145,382	1,453.2	1,289.4	44.0	100.6	110.0	1.3
1957	215,548	149,134	1,653.0	1,460.1	51.0	110.8	131.7	1.8
1958	234,247	172,504	1,788.0	1,527.7	49.3	106.7	126.9	4.5

Source: Statistics and Survey Division, M.A.F.

Table 34. Production of Canned Marine

Year	Total	Crabs	Salmon
			(actual case in
1949	1,149	36	38
1950	3,530	129	67
1951	3,268	195	196
1952	4,174	126	98
1953	5,917	270	209
1954	8,042	459	626
1955	9,946	767	1,901
1956	11,940	912	2,195
1957	15,988	804	2,589
1958	17,802	686	2,614

Source: Japan Canned Foods Association,
The Cannery Journal.

cf. Asia Kyokai, "The Smaller Industry in Japan" pp. 132.

IV. Fisheries Production
Marine products

Marine Products

(Unit: 1,000 tons)

Products						Inedible Products	
Salted	<i>Fusi</i>	Fish cake <i>Kamaboko</i>	Frozen	Dried sea weed	Others	Fertilizer	Fish (Body) oil
103.6	58.7	271.0	232.8	55.5	109.4	103.7	29.5
93.7	58.9	306.8	300.3	53.6	109.3	141.6	53.6
72.0	65.5	369.6	330.8	56.4	139.2	134.3	29.6
79.2	68.1	434.2	373.9	61.2	148.1	156.8	36.2
83.7	73.0	436.6	434.8	56.0	157.1	212.4	47.9

Products by Important Species
(Unit: 1,000 c/s)

Tunas & skipjack	Mackerel	Sardines	Pacific saury
thousand unit)			
629	79	174	21
2,134	358	440	79
1,134	298	732	92
1,971	334	739	376
2,427	436	1,150	710
3,454	669	705	1,087
2,486	679	899	1,683
2,749	1,035	1,204	959
2,724	1,219	1,459	2,367
2,412	1,247	1,829	2,545

V. Distribution

Table 35. Railroad Transportation of Fisheries Products
(Unit: ton)

Year	Total	Fresh and frozen	Salted and dried (Cured)
1940	1,266,765	915,624	351,141
1947	934,313	742,095	192,218
1948	1,100,434	809,915	290,519
1949	1,558,168	1,172,934	385,234
1950	1,743,096	1,459,412	283,684
1951	1,931,752	1,677,819	253,933
1952	1,981,438	1,727,297	254,141
1953	2,172,568	1,904,667	267,901
1954	2,162,103	1,912,779	249,324
1955	2,189,724	1,962,296	226,428
1956	2,184,399	1,982,918	201,481
1957	2,341,755	2,145,369	196,386
1958	2,463,363	2,273,220	190,143
1958 July	158,386	143,974	14,412
Aug.	160,822	145,628	15,194
Sept.	202,711	189,560	13,151
Oct.	291,148	273,046	18,102
Nov.	279,292	256,828	22,464
Dec.	250,365	227,305	23,060
1959 Jan.	183,539	165,713	17,826
Feb.	169,118	156,197	12,921
Mar.	194,783	183,767	11,016
Apr.	194,104	180,691	13,413
May	206,103	191,272	14,831
June	199,556	184,774	14,782

Source: Japan National Railway.

Table 36. Cold Storage Holdings and Receipt of Fisheries Products
(Unit: ton)

		Holdings as of the end of the month					
		Total	Frozen	Fresh	Cured	Dried	Others
Jan.	1958	201,898	153,563	7,975	17,064	14,734	8,562
Feb.		164,901	123,314	6,901	13,802	12,362	8,422
Mar.		115,332	84,062	4,439	9,113	11,616	6,102
Apr.		140,788	97,387	5,267	19,904	10,334	7,896
May		141,302	91,343	10,451	22,401	9,488	7,619
June		168,743	108,933	6,978	28,449	10,869	13,514
July		220,709	125,350	12,909	45,919	17,349	19,182
Aug.		223,838	127,827	12,088	45,260	19,271	19,392
Sept.		254,165	159,328	14,707	46,635	18,360	15,135
Oct.		435,655	250,911	18,673	45,869	17,206	12,996
Nov.		414,301	308,820	76,026	43,552	20,135	15,768
Dec.		356,229	269,206	21,509	29,267	23,312	12,935
Jan.	1959	300,123	227,814	14,102	19,641	23,640	14,926
Feb.		249,617	183,686	11,353	17,121	20,661	16,796
Mar.		177,131	123,047	8,546	12,664	15,810	17,064
Apr.		217,923	146,567	10,887	23,334	16,949	20,186
May		212,076	133,367	17,284	23,035	20,766	17,624
June		243,344	149,427	20,715	33,593	19,077	20,532

		Receipt during the month					
		Total	Frozen	Fresh	Cured	Dried	Others
Jan.	1958	124,918	47,550	18,126	7,796	44,291	7,155
Feb.		126,657	56,306	19,739	5,718	36,612	8,282
Mar.		150,281	53,995	22,188	6,489	59,592	8,017
Apr.		182,113	87,093	33,181	18,418	33,508	9,913
May		142,515	61,752	40,972	17,053	14,675	8,063
June		167,129	72,433	43,973	28,084	10,661	11,978
July		205,345	75,316	49,322	53,322	11,926	15,389
Aug.		206,796	83,410	57,357	35,834	15,914	14,281
Sept.		254,130	125,091	72,817	30,981	11,905	13,336
Oct.		374,090	196,153	85,266	32,545	21,119	12,007
Nov.		282,017	155,821	62,415	24,803	23,481	15,497
Dec.		224,533	98,836	56,025	20,399	28,586	20,687
Jan.	1959	145,804	72,447	35,760	8,637	16,980	11,980
Feb.		145,368	78,221	28,667	9,790	13,560	15,130
Mar.		156,213	77,274	44,181	11,625	7,706	15,427
Apr.		235,494	111,630	60,121	27,776	16,221	19,746
May		204,139	85,609	68,615	20,244	15,355	14,316
June		213,829	95,325	65,052	38,981	15,448	17,023

Source: Fisheries Agency, M.A.F.

V. Distribution

**Table 37. Receipt of Fisheries Products in Six Big Cities'
Central Wholesale Markets**

Year	(Unit: ton)						
	Total	Tokyo	Yokohama	Nagoya	Kyoto	Osaka	Kobe
1952	823,605	339,270	36,596	101,033	73,848	194,689	73,170
1953	873,300	336,011	36,968	116,010	78,653	196,740	78,919
1954	930,244	398,321	38,179	124,654	81,619	204,769	82,703
1955	960,101	412,594	43,005	126,000	78,191	214,883	85,429
1956	1,006,635	439,905	45,968	129,255	79,871	220,605	91,031
1957	1,077,027	471,750	51,113	138,025	88,425	231,368	96,345
1958	1,126,817	502,281	54,266	141,526	93,375	235,951	99,415
1958 July	77,375	35,700	3,816	8,929	5,991	16,335	6,604
Aug.	75,298	34,199	3,844	8,910	6,246	15,623	6,476
Sept.	86,854	38,251	4,494	11,710	7,070	17,838	7,491
Oct.	110,302	48,048	5,754	15,205	9,108	22,722	9,465
Nov.	110,551	48,923	5,777	14,780	9,075	21,880	10,116
Dec.	122,982	56,110	6,004	14,896	10,339	24,935	10,698
1959 Jan.	88,893	41,462	4,172	10,310	7,471	17,876	7,602
Feb.	90,000	40,500	4,126	10,753	7,467	18,648	8,506
Mar.	104,062	45,733	4,606	12,814	8,900	22,548	9,461
Apr.	97,681	41,748	4,362	12,585	9,305	20,695	8,986
May	102,893	42,882	4,664	14,016	9,455	22,291	9,585
June	92,115	41,582	4,494	11,207	7,878	19,299	7,655

Source: Six Big Cities Central Wholesale Market Monthly & Annual Reports.

Table 40. Utilization and Disposition

	Production	Change in stocks	Foreign trade		Available supply	Disposal of available			
			Gross exports	Gross imports		Animal feed	Seed	Manufacture	Waste
Fish and shellfish	5,163	—	637	12	4,538	416	—	—	412
Sea weed	68	—	5	2	65	12	—	—	1
Whale meat	142	—	0	0	142	—	—	—	7

Source: Statistics and Survey Division, M.A.F., "Food Balance Sheet".
Estimated Total Population, as of Oct 1 '58 is 92,000,000.

Table 38. Number of Wholesalers and Brokers (Middlemen) in Central Wholesale Markets of Six Big Cities

	Tokyo	Yokohama	Nagoya	Kyoto	Osaka	Kobe
No. of wholesalers	9	3	4	7	3	7
No. of brokers	1,525	298	64	361	218	67

Source: Statistics and Survey Division, M.A.F.

Table 39. Supply of Calorific Values, Protein and Fats, per Person per Day

	Fish and shellfish			Sea weed			Whale meat		
	Calory	Protein	Fat	Calory	Protein	Fat	Calory	Protein	Fat
	cal	g	g	cal	g	g	cal	g	g
Prc-war year	30.3	4.9	1.6	0.0	0.1	0.0	1.5	0.2	0.1
1952	66.4	10.8	3.5	0.0	0.1	0.0	2.9	0.4	0.1
1953	63.2	10.3	3.3	0.0	0.1	0.0	2.8	0.4	0.1
1954	62.4	10.1	2.4	0.0	0.1	0.0	3.5	0.5	0.2
1955	63.6	10.2	2.4	0.0	0.1	0.0	3.9	0.5	0.2
1956	66.6	10.2	2.7	0.0	0.1	0.0	4.6	0.6	0.2
1957	75.4	11.7	3.0	0.0	0.2	0.0	5.6	0.8	0.3
1958	90.7	11.3	3.2	0.0	0.2	0.0	6.8	1.0	0.3

Source: Statistics and Survey Division, M.A.F.

of Marine Products in 1958

(Unit: 1,000 metric tons unless otherwise specified)

supply	Extraction rate (b/a)	Food (net) (b)	Per capita supplies					Calory per Kg	% Protein	% Fat
			Kg per year	Gram per day	Calory per day	Protein per day	Fat per day			
(a)	%		Kg	gram	cal	gram	gram	cal	%	%
3,710	54.0	2,003	21.8	59.7	90.7	11.3	3.2	1,520	18.9	5.4
52	100.0	52	0.6	1.6	0.0	0.2	0.0	0.000	12.5	0.0
135	100.0	135	1.5	4.0	6.8	1.0	0.3	1,700	25.0	7.5

VI. Consumption

Table 41. Food of Animal Origin in Total Household Expenditure of Average Farm Household

(Unit: 1,000 yen, otherwise specified)

	No. of Household members	Total Household expense	Food expense of which			Engel's coefficient
			Total	Marine products	Dairy products	
	persons					%
1954	6.3	304.8	150.1	9.6	6.4	49.2
1955	6.3	314.7	155.5	9.4	6.9	49.4
1956	6.2	322.7	158.2	10.0	7.8	49.1
1957	5.9	320.6	154.3	11.7	7.8	48.1
1958	5.8	307.8	152.7	11.4	8.2	49.6
July '58	5.9	23.1	12.5	0.9	0.7	54.2
Aug.	5.8	19.1	13.6	0.9	0.7	52.9
Sept.	5.9	17.7	12.1	0.8	0.6	53.5
Oct.	5.9	33.2	12.9	1.0	0.7	51.2
Nov.	5.9	29.3	12.6	1.0	0.6	49.9
Dec.	5.8	44.8	15.7	1.3	0.8	42.4
Jan. '59	5.8	16.6	12.6	0.9	0.7	47.4
Feb.	5.8	14.1	12.0	0.9	0.6	47.8
Mar.	5.8	18.1	12.5	0.9	0.7	42.8
Apr.	5.8	12.2	11.8	0.9	0.6	45.6
May	5.7	10.5	12.3	1.0	0.7	54.3
June	5.8	15.5	12.6	1.0	0.8	57.4

Source: Statistics and Survey Division, M.A.F.

Table 42. Food of Animal Origin in Total Household Expenditure of Average Urban Household

(Unit: 1,000 yen, otherwise specified)

	No. of Household	Total Household expense	Food expense, of which			Engel's coefficient
			Total	Fish and shellfish, fresh	Fish and shellfish, dried and/or salted		Dairy products
	persons					%
1954	4.9	299.1	138.4	9.5	4.3	50.9
1955	4.8	310.8	137.4	9.3	4.1	48.7
1956	4.6	329.6	135.3	9.0	4.0	46.5
1957	4.6	357.7	142.7	9.3	4.3	45.9
1958	4.6	381.9	149.0	9.8	4.3	45.9
July '58	4.6	33.7	12.6	0.8	0.3	45.6
Aug.	4.6	29.6	12.9	0.8	0.3	48.7
Sept.	4.6	28.0	12.1	0.8	0.3	47.4
Oct.	4.6	28.9	12.7	0.8	0.3	46.5
Nov.	4.6	28.2	12.2	0.9	0.3	45.7
Dec.	4.6	26.9	17.5	1.0	0.6	42.6
Jan. '59	4.7	26.9	11.1	0.8	0.4	43.7
Feb.	4.5	26.8	11.2	0.8	0.3	46.2
Mar.	4.6	28.8	12.4	0.9	0.4	44.2
Apr.	4.6	30.0	12.3	0.8	0.4	45.2
May	4.6	30.0	12.7	0.8	0.4	46.0
June	4.6	39.7	12.3	0.8	0.3	43.6

Source: Bureau of Statistics, Prime Minister's Office.

Table 43. Average Supplies of Marine Products per Farm Household

(per household)

(Unit: 100 g, otherwise specified)

Year, month	Fish and shellfish, fresh	Fish and shellfish, salted and/or dried	Fish paste	Fish and shellfish, canned	Whale meat	Sea weed
				No. of can		
1954	771.4	165.6	124.8	4.11	17.1	18.3
1955	735.3	184.1	124.1	5.59	17.6	17.3
1956	691.5	176.1	130.4	...	20.2	16.4
1957	718.0	187.8	117.2	...	23.0	12.1
1958	734.8	185.4	120.2	...	27.4	16.5
July '58	45.0	17.8	4.9	...	2.3	1.0
Aug.	48.1	17.6	5.9	...	2.6	1.4
Sept.	58.8	12.9	7.7	...	2.1	1.2
Oct.	86.5	13.0	13.9	...	1.9	1.4
Nov.	85.0	14.0	9.7	...	2.4	1.2
Dec.	80.0	21.7	15.6	...	2.6	2.3
Jan. '59	54.0	13.9	11.4	...	2.0	1.7
Feb.	53.5	13.3	10.9	...	2.4	1.4
Mar.	53.8	13.6	11.1	...	2.5	1.4
Apr.	51.2	11.3	5.9	4.7	2.0	1.1
May	58.8	14.7	4.6	5.7	1.8	1.2
June	58.1	15.5	3.3	6.1	2.1	1.0

Source: Statistics and Survey Division, M.A.F.

Table 44. Average Supplies of Marine Products per Urban Household

(per household) (Unit: 100 g)

Year, month	Fresh fish	Fresh shellfish	Fish and shellfish, salted and/or dried	Fish jelly product	Whale meat
1954	903.5	844.9	58.6	46.6	27.2
1955	845.5	784.4	61.1	41.7	28.3
1956	741.6	680.6	61.0	45.8	26.3
1957	743.7	683.3	60.5	50.0	28.1
1958	760.2	695.9	64.3	39.5	36.2
July '58	56.8	51.2	5.6	2.6	2.9
Aug.	57.9	53.2	4.8	2.9	3.4
Sept.	67.1	62.8	4.3	3.5	3.3
Oct.	72.8	68.3	4.5	4.2	2.9
Nov.	73.7	69.0	4.7	4.1	2.8
Dec.	75.8	68.3	7.5	4.0	3.1
Jan. '59	53.7	48.0	5.7	3.5	2.1
Feb.	55.2	49.1	6.1	3.7	3.4
Mar.	62.3	56.0	6.3	3.4	3.4
Apr.	60.1	54.4	5.6	3.4	2.8
May	61.9	57.4	4.5	2.9	2.7
June	62.2	57.4	4.8	2.7	2.8

Source: Bureau of Statistics, Prime Minister's Office.

Table 45. Average Prices

Month	Herring	Sardine	Skipjack	Blue fin tuna	Albacore	Broad-bill sword- fish	Mackerel	Yellow- tail	Cod
May, 1958	50	23	62	296	85	101	34	112	16
June	30	21	56	153	101	113	33	87	16
July	21	26	54	244	124	151	42	99	17
Aug.	36	31	56	264	115	164	35	127	25
Sept.	27	29	50	243	120	153	43	132	24
Oct.	21	26	49	231	109	115	42	136	32
Nov.	27	35	65	253	100	113	41	130	29
Dec.	32	41	67	243	96	118	41	201	29
Jan., 1959	52	40	59	250	85	103	47	235	28
Feb.	69	49	64	310	88	109	62	183	26
Mar.	86	40	64	318	88	112	51	150	24
Apr.	75	27	68	309	95	118	42	142	24
May	87	22	55	233	120	109	31	97	22
June	54	23	43	155	155	101	33	103	17
July	54	30	46	198	145	124	38	115	17
Aug.	15	35	48	285	128	115	46	113	22
Sept.	17	31	53	237	118	117	41	118	19
Oct.	21	30	66	271	108	114	40	141	20
Nov.	47	39	79	375	113	121	37	144	28
Dec.	54	31	65	287	109	122	38	183	34

Source: Statistics and Survey Division, M.A.F.

Paid to Fishermen

(Unit : yen/kg)

Alaska pollack	Red sea-bream	Floun- ders	Flat- fishes	Horse mackerel	Salmons	Croakers	Squid	Prawn
11	191	141	32	32	168	73	54	165
8	148	102	22	27	147	67	28	127
7	155	150	31	32	144	59	30	131
9	188	195	35	42	174	53	29	144
13	177	160	25	45	198	60	23	145
16	165	174	28	30	183	53	22	148
19	142	145	34	27	162	50	25	150
25	165	155	42	28	135	55	30	157
22	183	195	48	40	109	55	38	137
19	205	190	53	50	161	60	42	124
17	219	174	46	44	224	70	59	127
13	201	151	39	35	205	58	59	141
14	192	163	29	23	187	53	28	135
8	180	116	23	21	151	57	15	132
8	171	137	30	27	186	53	10	158
12	183	212	38	34	213	62	10	152
12	178	203	29	33	213	61	12	145
14	162	218	32	24	210	60	16	154
15	163	214	42	25	196	49	19	163
27	191	177	44	25	188	54	31	166

VII. Prices

Table 46. Average Wholesale

Month	Herring	Sardines	Skipjack	Blue-fin tuna	Albacore	Broad-bill sword-fish	Mack- erel	Yellow- tail
May. '58	55	29	80	297	74	91	47	117
June	35	27	70	198	95	102	47	94
July	30	40	72	265	76	126	64	118
Aug.	25	46	74	282	120	123	64	140
Sept.	34	37	68	280	129	119	70	149
Oct.	50	49	62	186	110	123	50	163
Nov.	82	42	63	215	105	112	62	151
Dec.	52	48	46	224	91	117	66	196
Jan. '59	64	53	39	199	78	107	81	250
Feb.	117	58	57	204	92	115	90	219
Mar.	95	53	105	183	82	113	62	165
Apr.	90	36	94	230	95	121	57	148
May	96	28	83	265	81	102	42	116
June	83	32	58	199	121	89	42	107
July	79	40	66	230	123	92	51	131
Aug.	...	56	72	304	120	109	57	138
Sept.	...	52	67	261	124	127	60	149
Oct.	87	48	81	200	114	120	58	163
Nov.	75	52	68	223	105	119	52	152
Dec.	57	39	61	218	101	124	51	195

Source: Statistics and Survey Division, M.A.F.

Table 47. Export of Canned Marine Products by Major Species

Year	Total		Salmon	Tuna	Skipjack	Sardine	Crabs	Mackerel	Others	Sauri
	Value	Quantity								
	million yen	t	t	t	t	t	t	t	t	t
1947	44	321	0	3		0	307	0	11	
1948	367	1,138	102	460		67	253	3	253	
1949	1,784	5,618	120	935		1,939	605	556	1,463	
1950	6,619	22,611	541	7,392		4,242	950	874	8,612	
1951	6,031	22,539	1,740	4,619		9,103	1,096	1,019	4,962	
1952	8,071	33,377	839	9,288		12,806	1,062	1,776	7,606	
1953	11,718	45,541	1,801	11,648	4,204	13,592	1,837	2,046	10,392	
1954	15,328	55,766	7,915	8,196	8,069	14,511	2,949	1,868	12,254	
1955	16,443	62,213	12,704	12,502	6,784	8,515	4,158	1,645	15,898	
1956	32,183	108,366	42,348	19,840	4,761	13,102	5,573	1,218	253	16,564
1957	30,103	166,089	31,266	22,705	6,867	18,748	5,750	4,076	177	10,259
1958	44,120	137,270	56,013	18,589	10,628	14,031	6,054	2,309	239	19,526

Source: Annual Report and Monthly Bulletin on Foreign Trade, Finance Ministry.

Prices in Six Big Cities

(Unit: yen/kg)

Cod	Alaska pollack	Red Seabream	Flounders	Flatfishes	Horse mackerel	Salmons	Croakers	Squid	Prawn
23	22	183	149	52	41	167	67	93	367
29	21	134	157	48	41	147	59	51	324
40	22	169	199	67	53	180	50	54	300
47	27	213	266	62	62	186	42	52	351
42	34	186	204	64	66	179	47	43	313
73	40	182	174	63	43	151	48	39	306
51	37	144	102	61	42	150	49	38	342
52	37	194	109	68	40	157	57	37	359
50	31	215	172	86	55	124	57	47	406
38	25	207	144	87	62	132	59	54	349
34	25	204	123	79	53	197	64	65	316
38	23	187	165	70	48	228	53	108	376
49	27	177	173	53	40	199	49	58	303
38	20	148	157	51	46	193	54	31	305
25	22	186	189	80	51	201	44	31	317
42	29	202	218	49	54	228	48	27	382
48	29	184	222	75	48	196	46	29	300
40	33	171	180	61	39	203	52	35	300
59	32	153	103	67	35	207	47	40	326
59	59	204	134	69	35	226	51	40	413

Table 48. Export of Fresh and Frozen Marine Products by Major Species

(Unit: metric ton unless otherwise specified)

Year	Total		Tuna	Skipjack	Salmon, trout	Shrimp & prawn	Sea- bream	Others
	Value	Quantity						
	million yen	t	t	t	t	t	t	t
1947	16	131	68	0	—	—	29	34
1948	318	2,274	2,073	39	—	—	21	141
1949	508	2,901	2,482	73	—	—	20	326
1950	1,823	13,595	11,453	1,598	—	—	20	524
1951	3,223	22,836	21,200	1,361	—	2	29	244
1952	4,332	29,693	26,561	641	—	24	26	832
1953	6,559	44,335	40,218	540	—	124	521	2,932
1954	8,666	58,155	51,070	1,991	—	134	491	4,469
1955	8,247	70,130	64,591	66	—	393	369	4,711
1956	8,848	66,019	58,300	67	1,102	1,096	883	—
1957	11,334	85,096	74,151	28	3,597	1,193	362	—
1958	15,455	118,552	99,650	2,452	6,856	1,581	382	—

Source: Annual Report & Monthly Bulletin on Foreign Trade, Finance Ministry.

VIII. Trade

Table 49. Export of Cured (Salted, Dried or Smoked) Marine Products by Kinds

(Unit: metric ton, unless specified)

Year	Total		Dried cod	Dried sardines	Dried shark fin
	Value	Quantity			
	million yen				
1952	3,797	36,815	1,398	1,785	938
1953	3,669	32,677	1,525	3,212	897
1954	2,883	28,764	1,075	2,028	959
1955	2,540	22,791	1,056	1,920	1,041
1956	2,601	17,432	406	1,981	1,010
1957	2,747	14,062	571	1,810	1,066
1958	2,045	9,013	475	1,343	1,140

Year	Dried scallop	Dried abalone	Dried shrimp	Dried squid	Salted salmons
1952	223	101	138	26,391	28
1953	228	126	501	14,765	49
1954	166	145	629	13,796	82
1955	195	153	465	10,325	112
1956	296	105	456	8,311	43
1957	151	128	413	3,932	98
1958	191	121	410	3,131	60

Source: Annual Report on Foreign Trade, Ministry of Finance.

Table 50. Export of Fisheries Products by Major Classification

(Unit: metric ton, unless specified)

Year	Total		Canned or Bottled	Fresh and Frozen	Cured and/or Smoked
	Value	Quantity			Fish and Shellfish
	million yen				
1952	21,680	118,899	33,377	29,693	36,815
1953	32,043	200,505	45,451	44,335	32,677
1954	36,494	195,301	55,766	58,155	28,764
1955	38,453	223,290	62,213	70,130	22,791
1956	58,693	296,231	108,366	66,019	17,432
1957	60,052	290,546	106,089	85,096	14,062
1958	79,725	406,279	137,270	118,552	9,013

Year	Cured and/or Smoked	Agar-agar	Liver Oil	Whale Oil	Pearl
	Seaweed				
	kg				
1952	5,076	722	7,020	2	7,060
1953	7,943	999	7,314	54,075	7,373
1954	3,165	684	9,423	33,072	12,154
1955	3,922	815	6,729	45,106	18,223
1956	2,480	698	2,962	74,304	24,581
1957	2,029	649	3,217	71,552	27,516
1958	4,550	661	2,690	102,206	34,885

Table 51. Export of Fisheries Products by Major Destinations

(Unit: million yen)

Year	Total	U.S.A.	Canada	United Kingdom	Holland	Belgium and Luxemburg
1952	21,680	11,747	507	214	148	186
1953	32,043	16,424	433	526	175	294
1954	36,494	15,478	717	3,475	210	452
1955	38,453	19,478	598	1,696	508	712
1956	58,693	23,574	3,710	9,323	2,911	1,755
1957	60,052	25,196	1,659	9,199	2,368	1,163
1958	79,725	28,314	1,377	24,509	3,418	1,399

Year	W. Germany	Italy	Ryukyu	Hongkong	Philippines	Australia
1952	152	160	585	2,678	57	48
1953	4,168	174	870	1,627	75	271
1954	1,617	418	667	710	403	729
1955	2,852	608	794	668	633	1,320
1956	3,370	1,043	986	1,086	926	908
1957	3,507	1,192	965	1,103	1,815	1,139
1958	3,632	1,704	838	980	2,578	1,389

Source: Customs Division, Ministry of Finance.

Table 52. Outstanding Loans and

Year, month	Long-term Credit Banks		Central Banks		Local
	Total	Equipment funds	Total	Equipment funds	Total
1957 Mar.	14,322	11,646	14,881	1,749	21,215
Sept.	15,327	12,339	20,640	4,118	24,748
1958 Mar.	14,849	12,143	21,920	4,904	24,570
Sept.	15,704	12,846	26,227	4,911	27,862
1959 Mar.	16,374	13,872	26,443	4,841	29,076
Sept.	18,145	15,234	28,441	4,694	30,677

Source: The Bank of Japan.

(1) Loans only to Fisheries Organizations.

Table 53. Outstanding Loans and Discounts for Fisheries:

Year, month	Fisheries products wholesale trade					
	Long-term Credit Bank		Central Banks		Local Banks	
	Total	Equipment funds	Total	Equipment funds	Total	Equipment funds
1953 Sept.	1,894	94	3,164	88	5,586	50
1954	1,777	114	3,439	68	6,682	68
1955	2,046	102	4,623	50	7,912	93
1956	293	69	9,422	206	9,218	188
1957	229	85	9,383	185	10,993	179
1958	...	...	...	...	...	...

Source: The Bank of Japan.

Discounts for Fisheries and Agriculture

(Unit: million yen)

Banks	Central Cooperative Bank for Agriculture and Forestry		Japan Development Bank	
	Equipment funds	Total ¹⁾	Equipment funds	Total
2,671	15,555	10,690	...	1,976
3,282	17,365	11,001	...	1,568
3,083	18,184	10,771	...	1,349
3,127	18,490	10,982	...	1,335
3,272	18,446	11,216	...	1,137
3,450	19,380	11,435	...	1,087

Products Wholesales and Processed Marine Products Manufacturing

(Unit: million yen)

Marine Products Manufacturing					
Long-term Credit Bank		Central Banks		Local Banks	
Total	Equipment funds	Total	Equipment funds	Total	Equipment funds
1,691	234	1,841	15	6,859	197
1,389	225	2,128	16	8,012	190
1,424	179	2,866	10	8,499	134
231	174	5,641	134	10,679	287
279	230	6,039	83	12,897	406
371	322	8,603	124	14,884	389

IX. Financing

Table 54. Status of Approval on Loans by Finance Corporation for Agriculture, Forestry and Fisheries

(Unit: million yen)

Fiscal Year, month	Total ¹⁾		Fishing port		Fishing vessel		Ice-plants and refrigeration facilities		Fisheries propagation	
	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money
1954	547	3,499.3	149	278.7	263	2,130.2	49	802.4	24	62.7
1955	631	4,038.6	189	386.1	275	2,703.5	34	536.3	16	33.3
1956	640	4,640.3	139	223.4	339	3,376.2	27	496.7	18	64.3
1957	691	5,340.7	81	185.2	467	4,304.0	19	372.2	13	78.8
1958	829	4,729.1	133	223.3	522	3,891.8	14	181.6	7	22.8
Apr. '58 ²⁾	21	49.5	4	5.1	11	37.5	—	—	—	—
May	75	274.3	13	14.5	46	236.6	—	—	—	—
June	176	739.5	23	28.2	112	641.8	4	9.8	2	13.0
July	215	996.8	31	37.9	135	860.2	5	26.6	2	13.0
Aug.	251	1,284.2	36	50.5	162	1,108.8	6	48.1	2	13.0
Sept.	279	1,545.7	41	59.1	183	1,360.0	6	48.1	2	13.0
Oct.	323	1,934.5	43	62.1	219	1,714.2	7	72.1	3	14.9
Nov.	361	2,190.3	47	65.0	245	1,889.6	8	88.1	4	16.7
Dec.	...	...	...	...	...	...	...	...	...	...
Apr. '59	45	142.6	7	9.1	32	122.0	—	—	...	...
May	97	456.6	14	19.7	71	413.4	1	1.1	...	...
June	139	1,052.7	21	28.1	104	967.1	2	33.1	...	...

Source: Finance Corporation for Agriculture, Forestry and Fisheries.

1) Including miscellaneous fisheries equipments.

2) Summed data up to the month.

**Table 55. Status of Loans by Medium and Small Fisheries
Financing and Insurance Institutions**

a) Utilization (Unit: million yen)

Year, month	Total		Equipment funds		Operation funds		Operations fund for Fisheries Coop. Associations	
	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money
1954	2,410	4,396.4	476	826.9	1,635	3,065.5	299	504.0
1955	2,556	4,890.2	597	971.6	1,650	3,178.8	339	739.8
1956	2,622	5,100.4	632	976.8	1,717	3,599.0	273	524.6
1957	2,865	5,911.1	586	800.5	1,976	4,483.8	303	626.8
1958	3,217	6,663.9	760	1,046.1	2,132	4,922.9	325	696.0
July 1957	729	1,145.0	141	196.9	516	806.6	72	141.5
Dec.	2,182	4,551.7	446	600.0	1,485	3,440.8	174	343.4
July 1958	743	1,209.9	163	201.4	508	841.5	72	167.1
Dec.	2,494	5,344.3	562	776.5	1,668	3,984.7	264	583.2
July 1959	824	1,378.0	232	302.4	529	953.4	63	122.2

Source: Fisheries Agency, M.A.F.

b) Financial Organizations (Unit: million yen)

	Central Coop. Bank for Agr. & Forestry		Pref. Fisheries credit federations		Central Banks		Local Banks		Mutual Loans & Saving Banks		Credit Banks	
	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money	No. of Case	Amount of Money
1956	277	1,090.3	966	2,292.4	23	66.4	1,330	1,622.8	22	26.6	4	1.9
1957	338	1,402.8	1,205	2,788.5	23	52.3	1,283	1,655.8	8	4.4	8	7.3
1958	385	1,411.5	1,325	3,181.7	20	67.2	1,450	1,967.6	25	25.9	12	10.1

Source: Fisheries Agency, M.A.F.

X. Economy

Table 56. Average Operating Status of

By strata of fisheries management	Fishing boat being used					No. of Trips	Working on board	
	Non-powered		Powered				Total	Family member
	No. of boat	Gross tonnages	No. of boat	Gross tonnages	Horse power			
Fisheries by boat		T		T	PS	hour (person/day)		
Non powered	1.2	0.85	—	—	—	127	1,239	1,047
~3T, powered	0.3	0.22	1.8	1.59	5.77	176	3,197	2,382
3~10T "	0.5	0.62	1.2	5.48	16.84	158	7,195	3,035
10~30T "	0.6	0.81	1.7	17.75	63.01	125	1,972	216
30~50T "	0.4	1.02	2.0	38.74	141.05	106	3,294	126
50~100T "	0.2	0.79	2.9	76.58	266.71	125	6,561	36
100~200T "	0.1	0.12	3.5	45.28	490.65	116	9,944	24
200T~ "	—	—	4.6	483.62	1,240.19	64	19,538	17
Fixed nets								
Small set nets	1.0	1.08	0.9	1.76	4.85	229	2,136	1,768
Large set nets	5.0	5.76	1.5	11.36	35.68	320	6,581	89
Laver culture	1.1	0.41	0.7	1.33	4.25	140	1,588	1,438
Oyster culture	0.9	0.46	0.9	1.83	5.71	183	1,896	1,291

Source: Statistics and Survey Div., M.A.F.

1) Unit of labor input and fishing hours of management over 10T and large set nets is person-day and day, respectively.

Fisheries Management Unit, in 1958

hour ¹⁾	on land			Fishing hours	Working status per trip			Catch		
	Employed member	Total	Family member		Employed member	Total	Family member	Employed laborer	by weight unit	by sheet (Laver)
				hour (day)				t	sheet	
	192	606	545	61	6.3	1.5	1.3	0.2	3.5	178
	815	1,073	835	238	8.9	2.1	1.6	0.5	9.1	1,535
	4,161	2,220	1,205	1,015	9.5	4.8	1.8	3.0	33.0	773
	1,756	916	178	738	1.4	11.4	1.2	10.2	152.9	—
	3,168	1,295	146	1,149	1.8	16.8	0.6	16.2	397.3	—
	6,525	2,194	116	2,078	2.1	24.8	0.1	24.7	597.9	—
	9,920	3,621	29	3,592	2.8	31.1	0.0	31.1	1,230.9	—
	19,521	2,720	52	2,668	9.8	31.2	0.0	31.2	2,056.2	—
	547	1,902	1,614	288	4.3	2.4	1.9	0.5	10.6	793
	6,492	2,978	131	2,847	6.9	29.6	0.4	29.2	188.7	—
	150	1,980	1,699	281	6.5	1.8	1.6	0.2	4.5	62,461
	606	3,999	1,955	2,044	5.4	1.9	1.3	0.6	9.8	39,007

X. Economy

Table 57. Summary of Receipt and Expenditure

By strata of Fisheries Management	Income of fisheries management					
	Total (A)	Business income				
		Total	Fisheries	Processing marine products	Agriculture	Others
Fisheries by boat						
Non-powered	262,907	136,105	97,004	4,377	28,316	6,408
~3T, powered	336,641	240,929	208,393	3,787	20,810	7,939
3~10T "	448,923	364,110	337,988	6,707	13,634	5,781
10~30T "	615,215	562,132	532,357	17,606		12,169
30~50T "	1,085,601	1,254,703	1,195,360	48,608		10,735
50~100T "	Δ52,390	481,627	445,855	7,185		28,587
100~200T "	917,360	2,026,049	1,954,568	Δ5,272		76,753
200T~ "	10,277,933	12,486,479	12,260,740	146,213		79,526
Fixed nets						
Small set nets	321,885	224,253	135,902	10,259	45,474	32,618
Large set nets	Δ337,908	Δ313,420	Δ351,662	32,856		5,386
Laver culture	553,728	404,185	321,564	1,191	67,860	13,570
Oyster culture	546,483	493,134	445,992	Δ234	43,112	4,264

Source : Statistics & Survey Div., M.A.F.

1) Symbol Δ means minus

of Management Unit, National Average in 1958

(Unit: yen)

Income from other than business	Taxes, public imposts and obligations (B)	Living expenditure (C)	Surplus (A)-(B)-(C)	Sum to be added to or subtracted from the surplus			Balance of net property
				Gain or loss due to disposal of asset	Increased or decreased value due to separation of property	Others	
126,802	8,564	253,013	1,330	△136	△3,593	1,230	1,169
95,712	12,621	316,024	7,996	△4,653	—	299	3,642
84,813	27,183	422,658	△918	△12,033	△7,876	635	20,192
53,083	112,434	515,210	△12,429	△41,641	△8,621	△76,405	139,096
169,093	223,714	620,525	241,371	32,914	△27,480	△56,964	189,841
534,017	410,571	445,781	△908,742	△364,443	—	△207,051	1,480,236
1,108,689	1,178,494	386,466	△647,600	△131,986	—	△64,435	844,021
2,208,546	5,180,964	249,806	4,847,163	△397,550	—	△969,217	3,480,396
97,632	14,701	359,468	△52,284	△2,033	—	3,563	50,754
24,488	118,637	242,290	△698,835	△95,171	—	△311,176	1,105,182
149,543	24,543	432,916	96,269	964	—	4,024	101,257
53,349	17,573	371,404	157,506	7,569	—	—	165,075

X. Economy

Table 58. Average Business Receipt and Expenditure

By Strata of Fisheries Management	Business Receipt			Business		
	Total	Fisheries	Other than Fisheries	Total	Fisheries	
					Total	Fisheries Wages
Fisheries by boat						
Non-powered	209,868	143,390	66,478	73,763	46,386	9,730
~3T powered	484,571	422,508	62,063	243,642	214,115	54,696
3~10T "	1,402,362	1,282,761	119,601	1,038,252	944,773	382,150
10~30T "	4,897,169	4,640,108	257,061	4,335,037	4,107,751	1,699,007
30~50T "	10,573,714	10,371,033	202,681	9,319,011	9,175,673	3,327,921
50~100T "	20,331,517	20,164,750	166,767	19,849,890	19,718,895	6,607,911
100~200T "	45,156,600	38,984,296	6,172,304	43,130,551	37,029,728	11,139,204
200T~ "	108,175,993	106,534,243	1,641,750	95,689,514	94,273,503	29,920,454
Fixed nets						
Small set nets	625,295	489,637	135,658	401,042	353,735	33,068
Large set nets	10,076,050	9,962,855	113,195	10,389,470	10,314,517	3,774,240
Laver culture	635,125	510,268	125,857	231,940	188,704	1,996
Oyster culture	1,093,730	976,968	116,762	600,596	530,976	3,056

Source: Statistics and Survey Div., M.A.F.

Table 59. Financial Statement

Year	Estimated active corporations	Sample corporations	Assets			Liabilities and net worth			No. of officials, staffs & laborers	
			Total	Current assets	Fixed assets	Total	Liabilities	Net worth	Total	Official & staffs
1950	600	51	18,644	6,754	11,672	18,644	14,291	4,353	43,824	1,753
1951	646	50	28,852	11,573	17,070	28,852	21,074	7,778	67,929	1,726
1952	1,254	35	35,546	14,226	20,769	35,546	30,517	5,029	52,443	3,606
1953	285	40	38,486	16,601	21,587	38,486	28,406	10,080	43,429	1,446
1954	1,140	42	66,522	26,729	39,515	66,522	56,416	10,106	87,052	5,720
1955	549	40	88,724	41,323	46,325	88,724	66,497	22,227	57,096	2,928
1956	464	39	115,693	49,904	65,217	115,693	93,226	22,467	75,164	3,432
1957	634	39	139,289	65,771	73,168	139,289	111,085	28,204	89,658	3,275

Source: Financial Bureau, Ministry of Finance.

1) Covers corporations operating fisheries and aquiculture, not including those of marine products processing industry.

of Fisheries Management Unit, in 1958

(Unit: yen)

Expenditure							
Expenditure							Other Business Expenditure
Fishing Nets & Gears	Fuel Oil	Bait Light & Heat	Exp. for Boat	Exp. for Agriculture	Others	Depreciation of Fisheries Assets	
6,875	241	4,367	1,408	134	9,746	13,885	27,377
21,771	31,548	14,847	12,375	4,198	27,159	47,521	29,527
63,728	126,824	48,794	53,071	3,755	92,816	173,635	93,479
230,471	504,199	186,374	276,590	2,080	543,045	665,985	227,286
673,000	1,219,657	366,927	730,050	—	1,459,467	1,398,651	143,333
1,752,592	2,198,601	839,277	1,737,417	—	2,853,007	3,730,090	130,995
2,791,929	4,711,355	708,877	3,464,554	—	7,550,436	6,663,373	6,100,823
5,301,474	13,790,354	2,154,166	9,291,343	—	22,452,775	11,362,937	1,416,011
56,816	16,748	2,596	4,445	10,765	32,969	196,328	47,307
1,818,332	126,686	103,020	279,251	—	1,446,403	2,766,585	74,953
3,381	7,214	212	4,439	115,291	25,379	30,792	43,236
1,501	9,584	776	5,720	350,413	38,188	121,738	69,620

of Fisheries Corporations¹⁾

(Unit: million yen)

La-borers	Balance for the current term	Business revenue for the current term	Sub-sidies	Inventory assets used for the current term	Business expenses for the current term	Net profits and losses for the current term	Divi-dends	Bonus for officials & staffs	Re-served funds	Reserve for corporation taxes
42,071	497	19,144	12	7,909	10,700	300	88	21	276	203
66,203	2,784	41,477	—	13,681	25,131	1,545	56	214	243	586
48,837	755	36,580	—	9,800	26,041	365	220	33	242	508
41,983	2,375	44,399	—	16,687	25,361	758	373	31	210	581
81,332	2,368	76,000	217	24,123	49,870	116	466	43	320	1,138
54,168	13,596	87,317	5	23,862	49,890	2,548	1,085	62	400	1,167
71,732	1,831	108,598	—	27,357	73,458	2,206	1,444	103	523	1,529
86,383	3,351	118,941	—	48,391	61,040	3,809	1,925	47	460	1,269

XI. Fishing Boat Insurance

Table 60. Fishing

	No. of boat	Gross ton	Evaluation of insured boat	Subscription	
				Insurance money	Insurance premium
				.....thuosand yen.....	
1940	27,745	267,040	157,132	44,550	1,082
1945	17,464	146,591	282,417	90,033	2,380
1946	18,639	156,430	1,503,424	572,988	14,849
1947	13,554	188,189	5,047,571	2,438,095	61,743
1948	10,176	191,049	9,808,015	4,092,984	138,082
1949	16,870	217,818	13,280,253	5,312,711	240,578
1950	29,411	240,844	14,230,246	5,968,776	244,925
1951	33,948	268,138	20,259,087	8,298,014	326,401
1952	54,335	324,917	28,591,178	13,889,004	526,060
1953	63,249	393,228	39,137,352	18,786,495	724,040
1954	68,245	461,290	54,824,286	24,573,671	931,570
1955	82,124	556,518	69,395,757	33,404,527	1,244,468
1956	87,689	617,267	80,688,276	40,929,955	1,492,743
1957	91,294	660,658	89,464,139	46,833,082	1,720,746

Source: Fisheries Agency, M.A.F.

Table 61. Fisheries

	Total	Unit associations			
		Fisheries cooperative			
		Stock		Non-stock	
		Coastal water	Inland water	Coastal water	Inland water
As of					
Jun. 30 1953	4,394	8,201	641	25	298
Mar. 31 1954	4,398	3,164	662	24	306
Mar. 31 1955	4,359	3,146	623	26	304
Mar. 31 1956	4,354	3,127	642	26	299
Mar. 31 1957	5,441	3,115	658	47	296
Mar. 31 1958	5,414	3,081	648	26	301
Mar. 31 1959	5,438	3,120	623	28	311

Source: Fisheries Agency, M.A.F.

Boat Insurance

Re-insurance premium	No. of case	Payment of insurance money		
		Losses	Insurance money paid	Re-insurance money paid
.....thousand yen.....				
675	1,153	2,019	581	406
1,399	1,361	5,622	2,076	1,453
8,870	2,031	40,077	15,037	10,526
43,627	1,182	129,873	76,368	63,630
106,273	1,369	226,390	132,533	119,280
187,592	1,498	318,153	129,554	116,598
190,190	3,189	370,412	165,631	149,068
253,111	5,722	422,158	217,658	195,892
388,620	7,069	674,972	339,424	305,481
541,530	16,462	912,658	496,631	446,968
696,906	19,486	1,424,861	802,406	722,165
938,190	19,023	1,463,696	808,785	727,906
1,128,084	20,546	1,828,277	1,006,720	906,048
1,305,573	20,839	1,707,937	1,057,077	951,369

Cooperative Associations

associations			Federations			
By type of business	Fisheries production association	Marine product processing coop. assoc.	Total	Federation of fish. coop. assoc.	Fed. of credit fish. coop. assoc.	Fed. of marine product processing coop. assoc.
230	488	222	195	154	29	12
242	603	215	203	160	31	12
258	732	222	200	158	31	11
260	792	222	203	158	34	11
263	846	216	215	168	34	13
274	862	222	219	173	34	12
269	868	219	222	176	34	12

Distribution of Prefectures in Japan

1.....HOKKAIDO	17.....YAMANASHI	33.....OKAYAMA
2.....AOMORI	18.....SHIZUOKA	34.....HIROSHIMA
3.....IWA TE	19.....AICHI	35.....YAMAGUCHI
4.....MIYAGI	20.....GIFU	36.....TOKUSHIMA
5.....AKITA	21.....MIE	37.....KAGAWA
6.....YAMAGATA	22.....TOYAMA	38.....EHIME
7.....FUKUSHIMA	23.....ISHIKAWA	39.....KOCHI
8.....IBARAGI	24.....FUKUI	40.....FUKUOKA
9.....TOCHIGI	25.....SHIGA	41.....SAGA
10.....GUNMA	26.....KYOTO	42.....NAGASAKI
11.....SAITAMA	27.....NARA	43.....KUMAMOTO
12.....CHIBA	28.....OSAKA	44.....OITA
13.....TOKYO	29.....HYOGO	45.....MIYAZAKI
14.....KANAGAWA	30.....WAKAYAMA	46.....KAGOSHIMA
15.....NIIGATA	31.....TOTTORI	
16.....NAGANO	32.....SHIMANE	

企
画
課



