

행정간행물발간등록번호
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해양수산통계연보 2004

Statistical Year Book of
Maritime Affairs & Fisheries

농림부 도서실



S001463



해양수산부

MINISTRY OF MARITIME AFFAIRS & FISHERIES

발 간 사



지식정보화시대에서 가장 중요한 정보중의 하나가 바로 정확하고 올바른 통계자료입니다. 통계는 정부정책을 수립하고 집행하는 데 가장 기본이 되는 정보일 뿐 만 아니라 정부정책의 효율성을 평가할수 있는 귀중한 지표이기도 합니다. 또한, 통계는 사회문제를 정확하게 진단하고 처방할 수 있는 도구이며 미래를 예측할수 있는 길잡이이기도 합니다. 따라서 부정확한 통계는 정책결정을 오도(誤導)하고 행정의 신뢰성을 저하시킴으로써 결국 국가 경쟁력을 약화시킬 수 있습니다.

해양수산부에서는 이러한 통계의 중요성을 인식하고, 국민 여러분께 보다 정확하고 충실한 통계자료를 제공하기 위하여 최선의 노력을 다하고 있습니다. 매년 발행되고 있는 해양수산통계연보는 해양수산 각 분야를 망라하고 있으며, 자료의 신뢰성을 확보하기 위하여 여러 가지 검증과정을 거치고 있습니다. 따라서 해양수산통계연보는 지난 1년간 해양수산 각 분야에서 발생한 일들을 정확히 반영하고 있다고 하겠습니다.

올해에도 해양수산통계연보는 사용자들의 편의를 위하여 책자는 물론 CD-ROM으로 병행 제작되었으며, 인터넷상으로 검색이 가능하도록 해양수산부 홈페이지(www.momaf.go.kr)에도 게재하였습니다. 아무쪼록 이번에 발간되는 해양수산통계연보가 국민 여러분들의 해양수산행정에 대한 이해를 돕고, 해양수산분야 연구자들에게는 유익한 원자료(Raw Data)로 활용되기를 희망합니다.

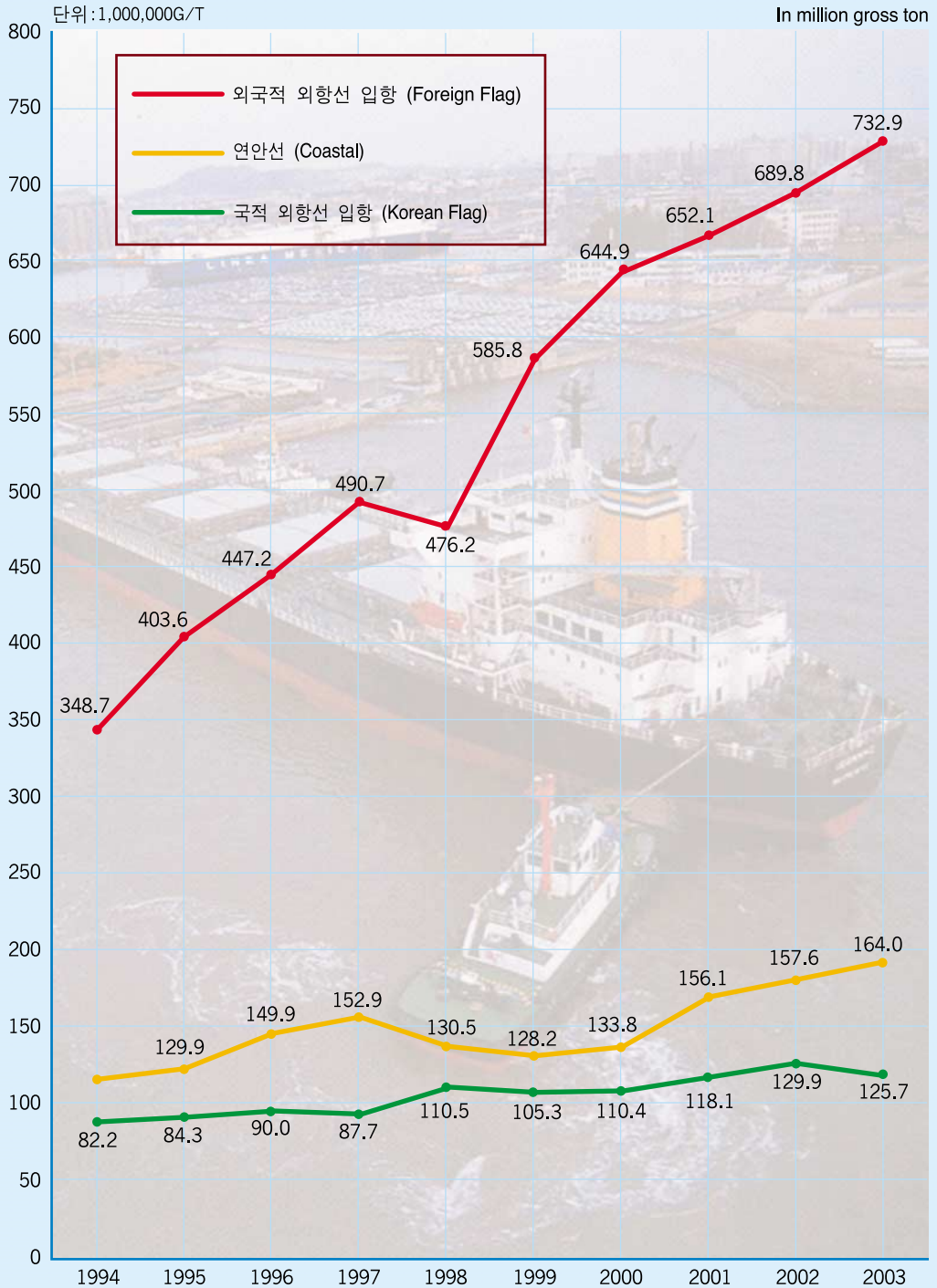
끝으로 이번 해양수산통계연보 발간을 위하여 아낌없이 도움을 주신 해양수산부 관계자 여러분에게도 깊은 감사를 드립니다.

2004년 9월
해양수산부장관

장응우

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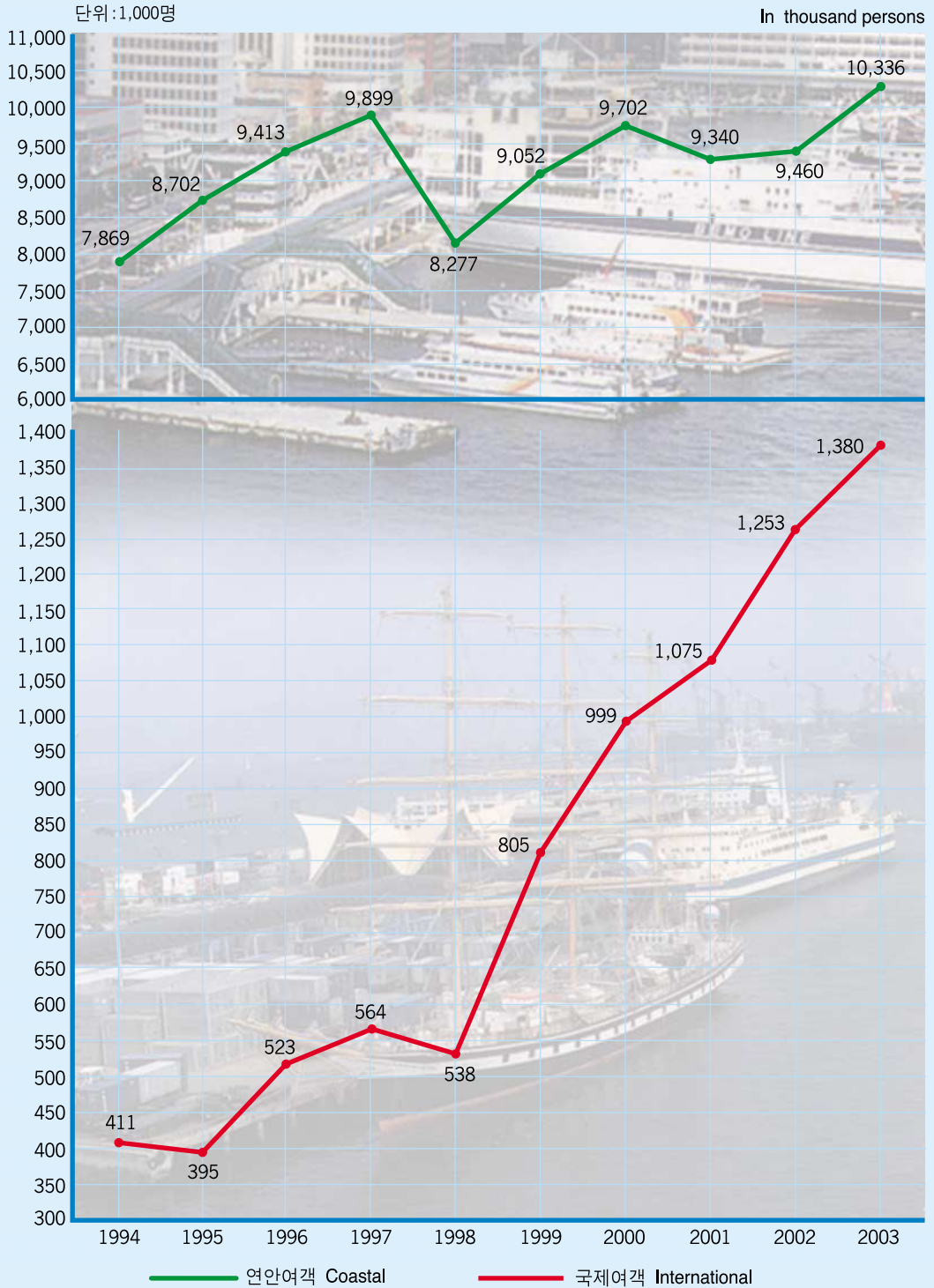
선박입항추이
Trends Vessel Arrival



* 표 36Page 참조

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여객수송추이
Trends of Passenger Transportation

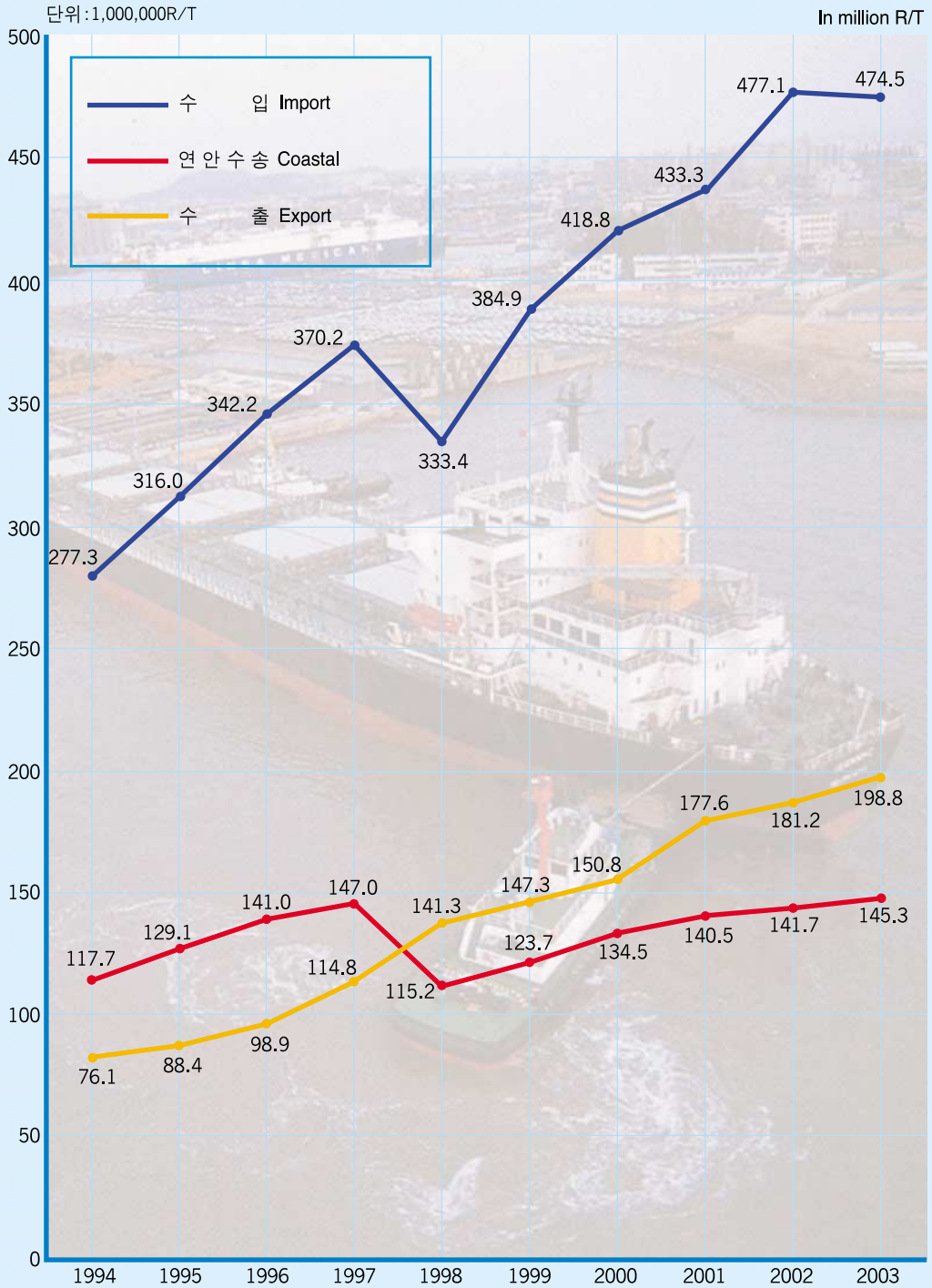


* 표 48Page 참조

4

화물수송추이

Trends of Cargo Transportation

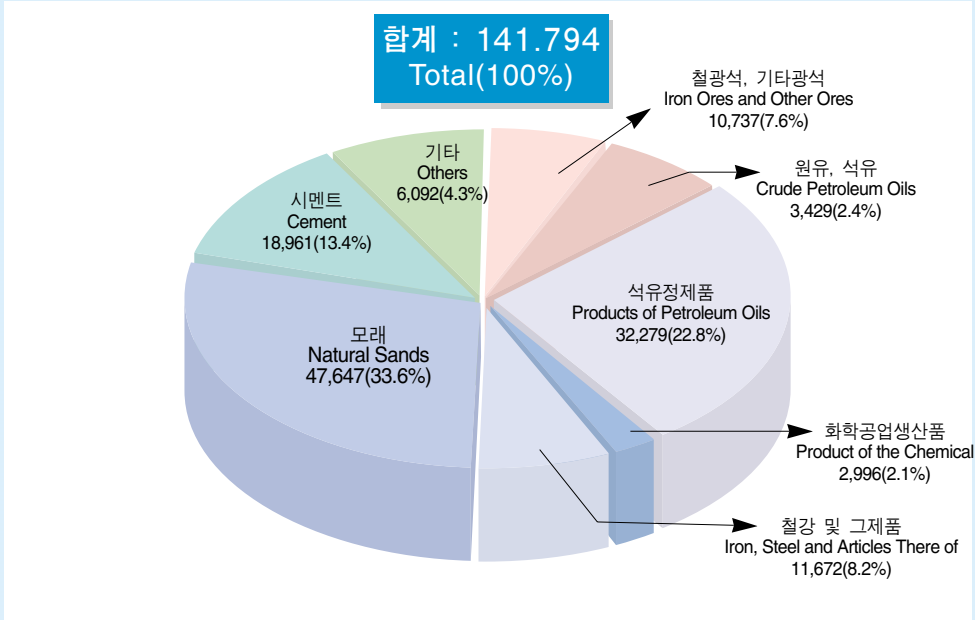


* 표 60Page 참조

5 주요 품목별 연안화물(입항)수송(2003) Status of Coastal Cargo (Arrival) Transportation by Major Goods

단위 : 1,000R/T

In thousand R/T

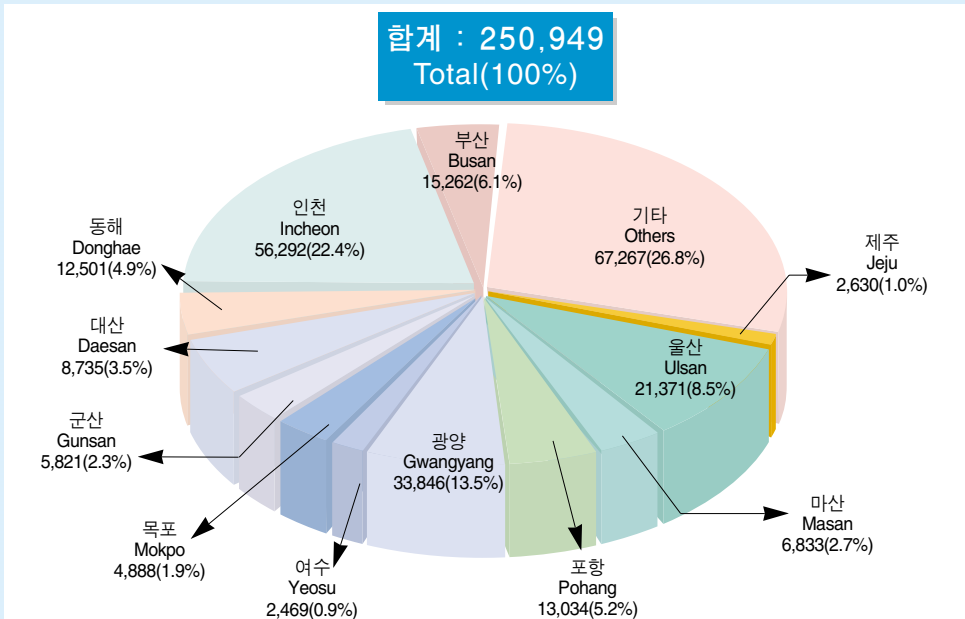


* 표 62~73Page 참조

6 주요 항만별 연안화물(입·출항)취급(2003) Status of Coastal Cargo Handling by Major Ports

단위 : 1,000R/T

In thousand R/T



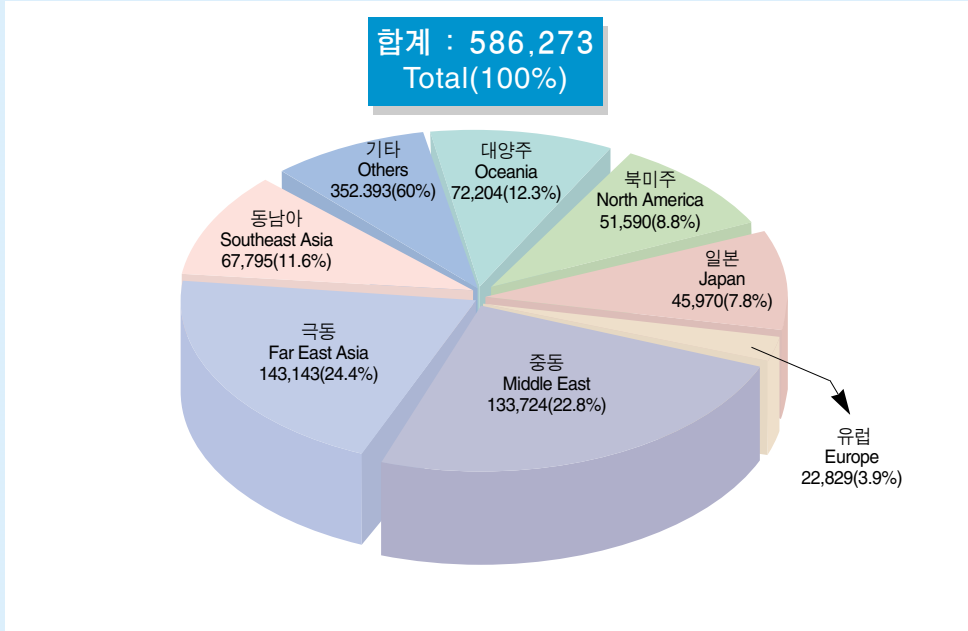
* 부록 CD 참조

7 지역별 수출입 화물 수송(2003)

Status of Export and Import Cargo Transportation by Area

단위 : 1,000R/T

In thousand R/T



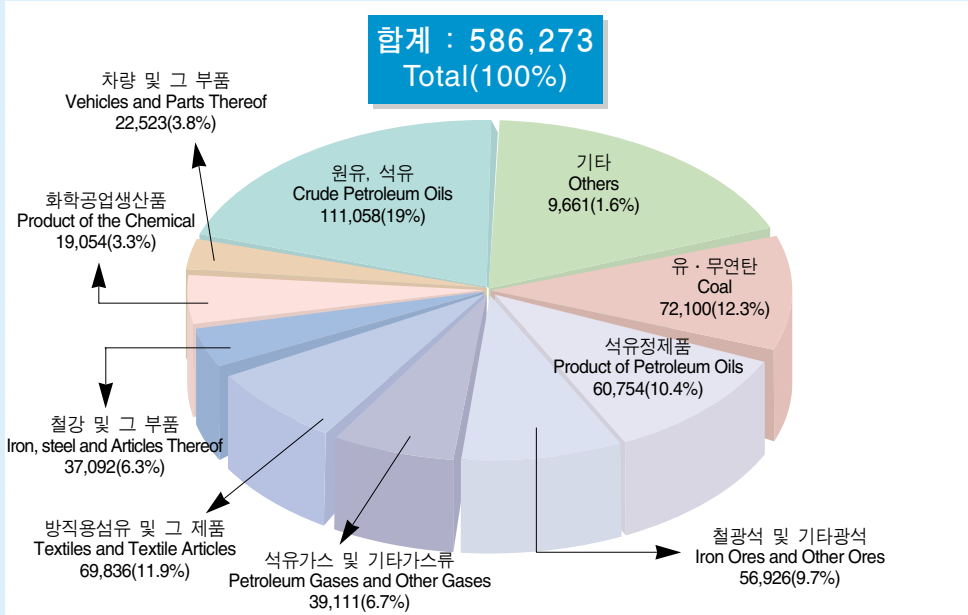
* 표 86Page 참조

8 주요 품목별 수출입 화물(2003)

Status of Export and Import Cargo Transportation by Major Goods

단위 : 1,000R/T

In thousand R/T

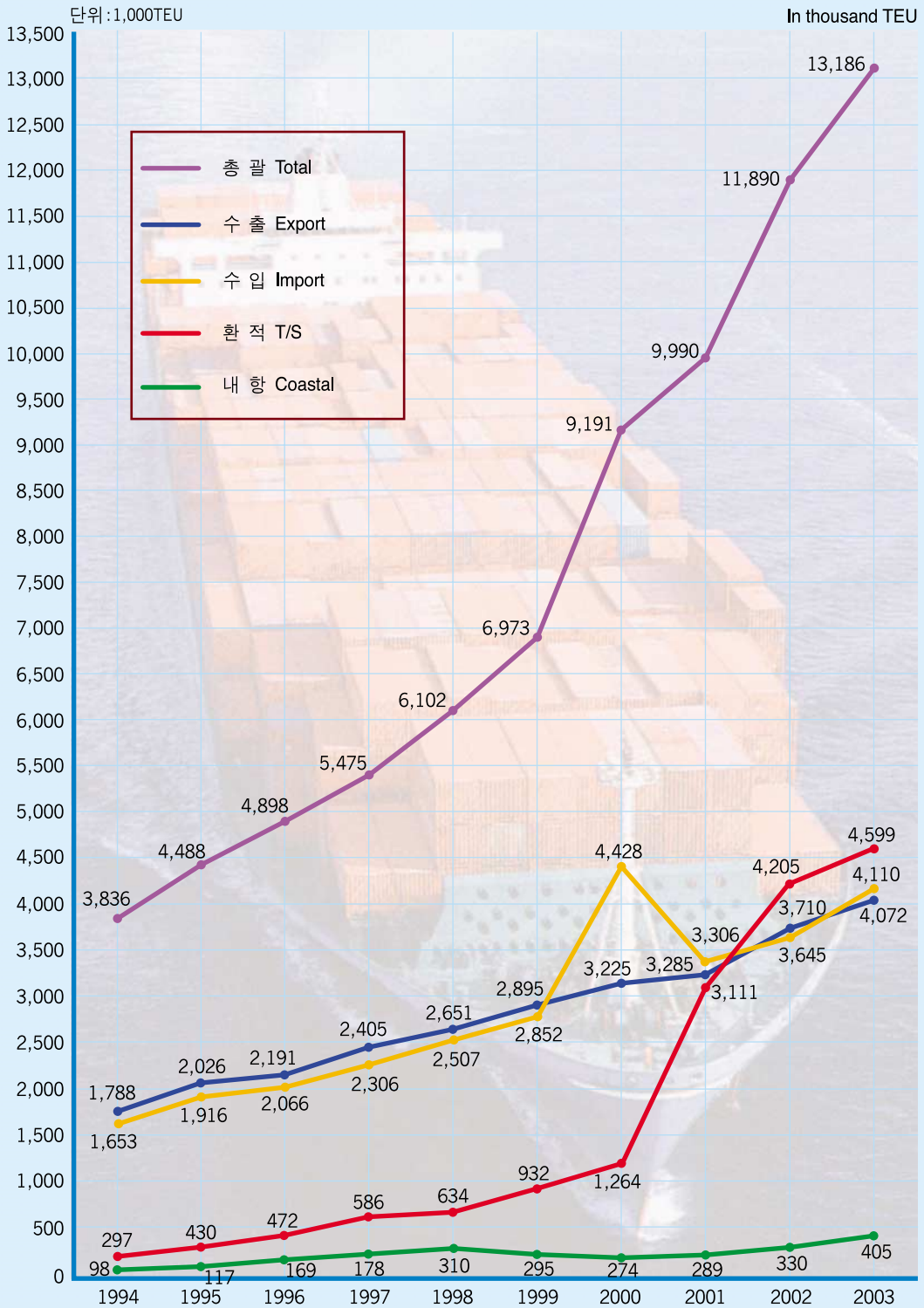


* 표 86Page 참조

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컨테이너 수송 추이

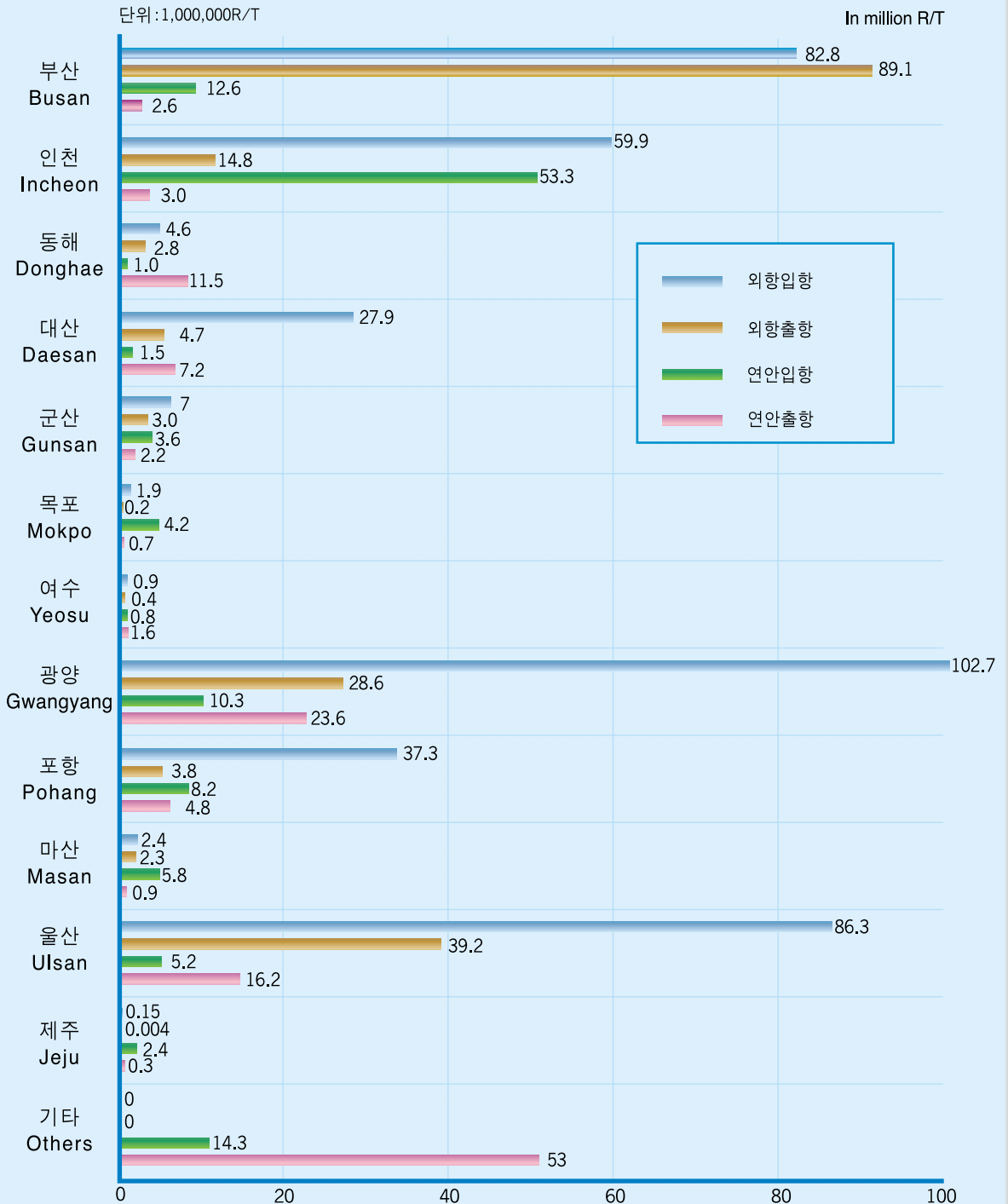
Trends of Container Transportation



* 표 96~117Page 참조

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주요 항만별 취급물동량 현황(2003)
Status of Cargo Handling by Major Ports

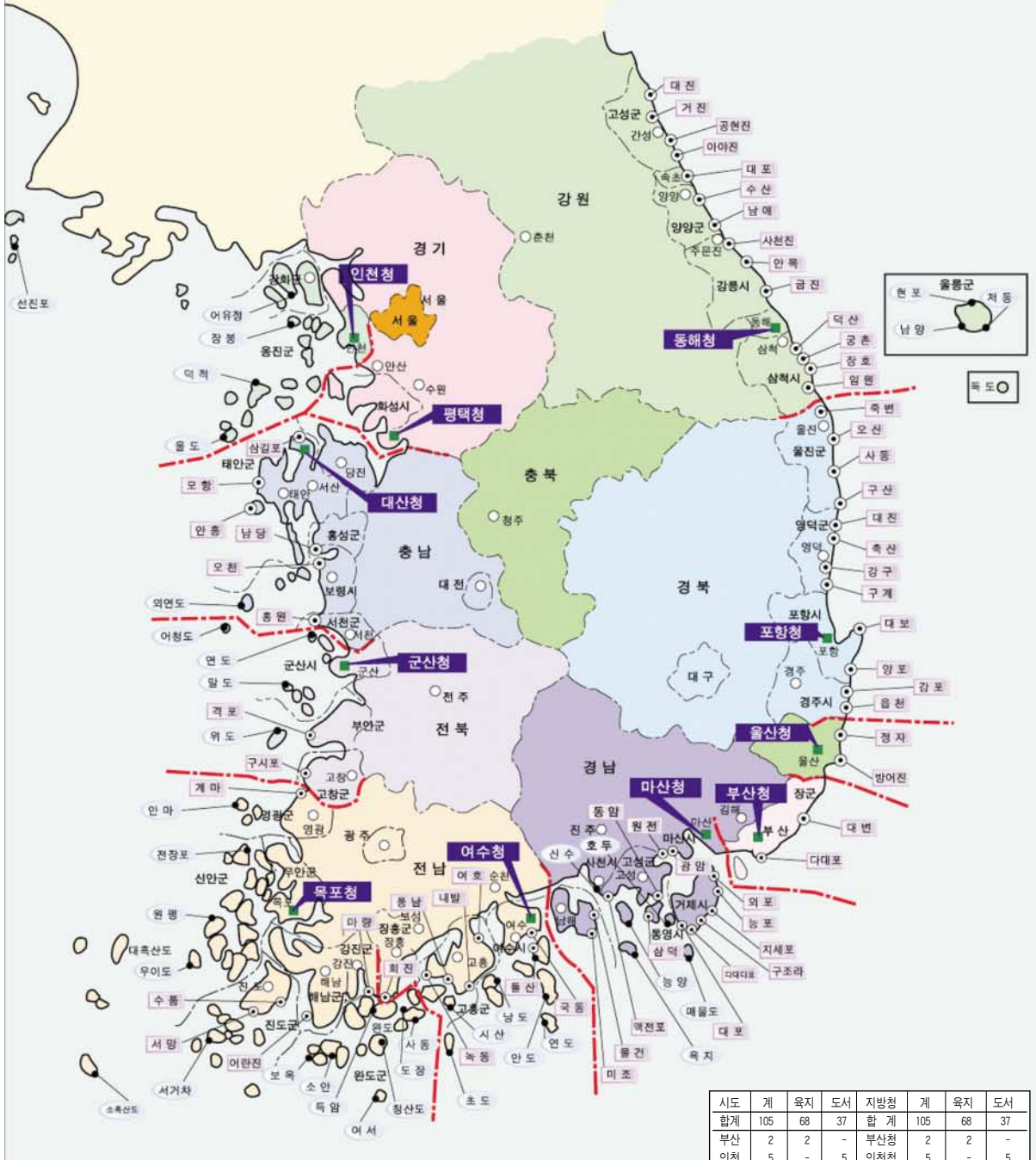


* 부록 CD 참조

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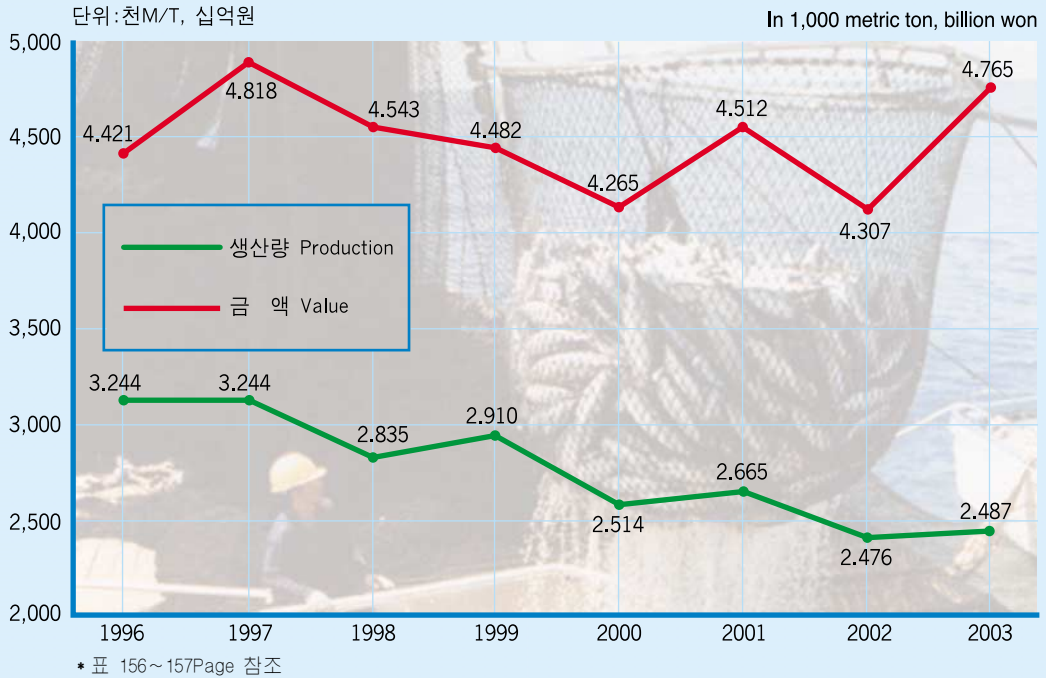
국가어항일람도

Location Map of Designated Fishing Ports



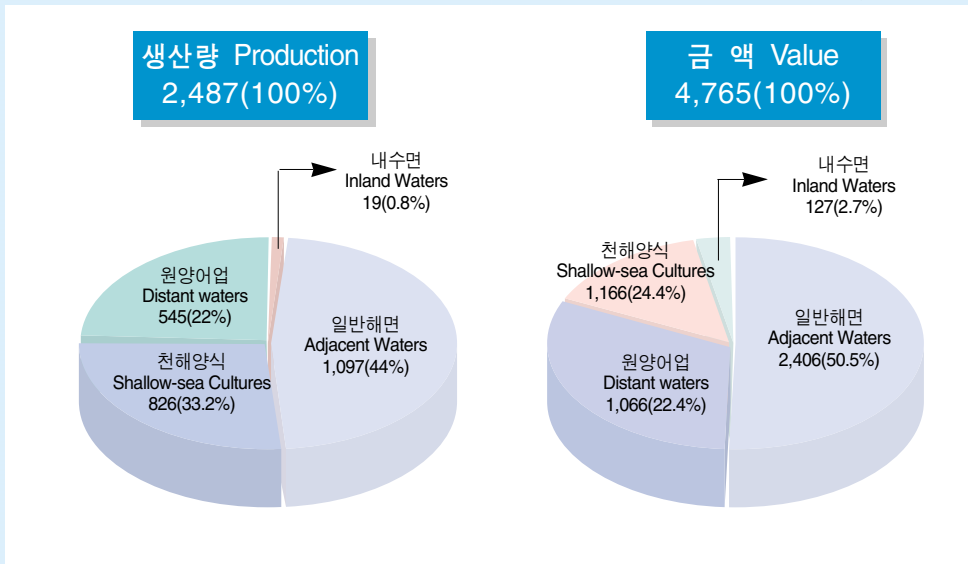
시도	계	육지	도서	지방청	계	육지	도서
합계	105	68	37	합 계	105	68	37
부산	2	2	-	부산청	2	2	-
인천	5	-	5	인천청	5	-	5
울산	2	2	-	마산청	18	13	5
강원	14	14	-	울산청	2	2	-
충남	7	6	1	여수청	12	7	5
전북	6	2	4	동해청	14	14	-
전남	30	14	16	군산청	6	2	4
경북	15	12	3	목포청	18	5	13
경남	18	13	5	포항청	15	12	3
제주	6	5	1	제주청	6	5	1
				대산청	7	6	1

12 어업생산고추이 Trends of Production and Value of Fishery Products



13 어업별생산고현황(2003) Status of Production and Value by Fisheries

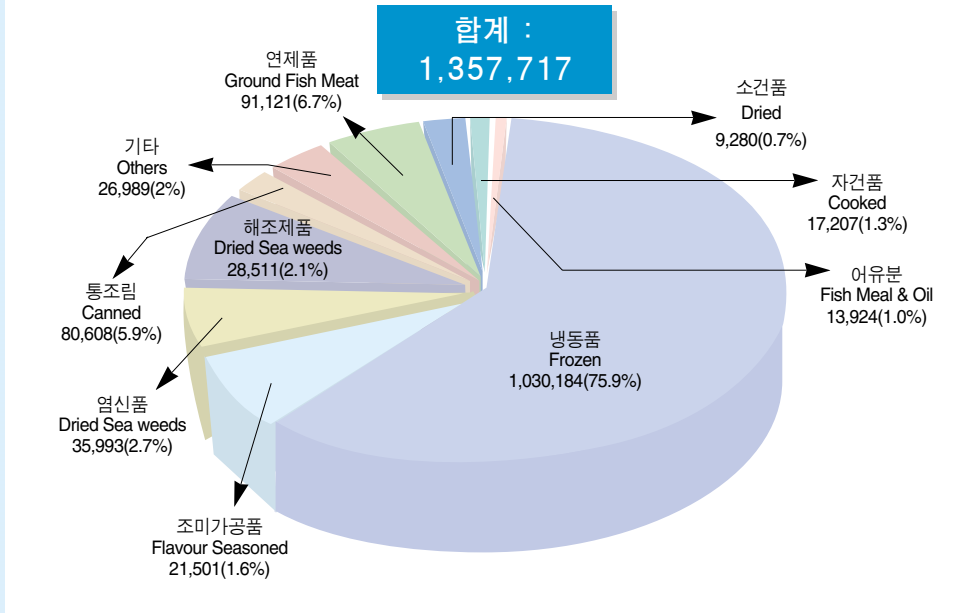
단위: 천톤, 십억원 In thousand ton, billion won



14 품종별 수산 가공품 생산량(2003) Production of Processed Fishery Commodities by Groups

단위 : M/T

In Metric Ton

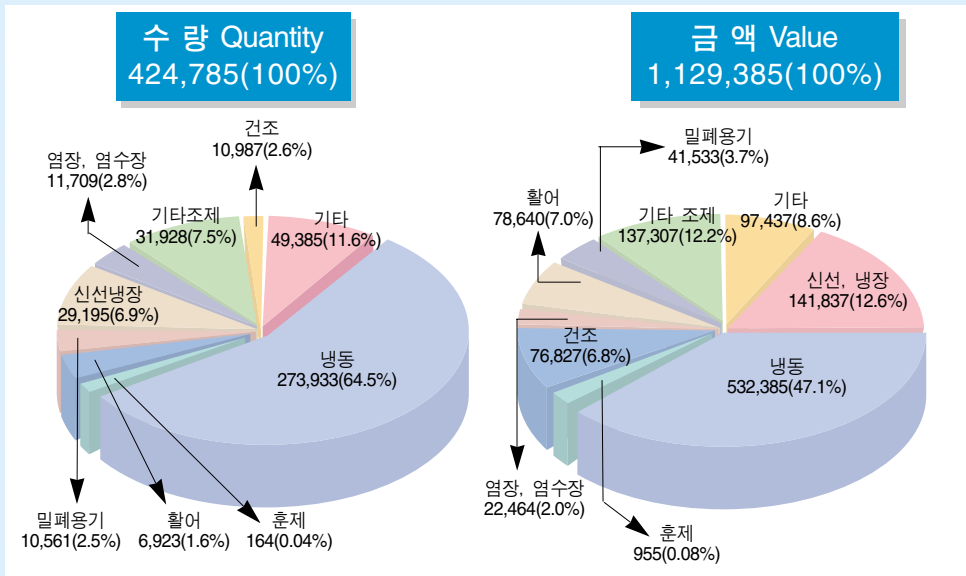


* 표 178~179Page 참조

15 품종별 수산물 수출 실적(2003) Exports of Fishery Products by Commodity Groups

단위 : M/T, 천불

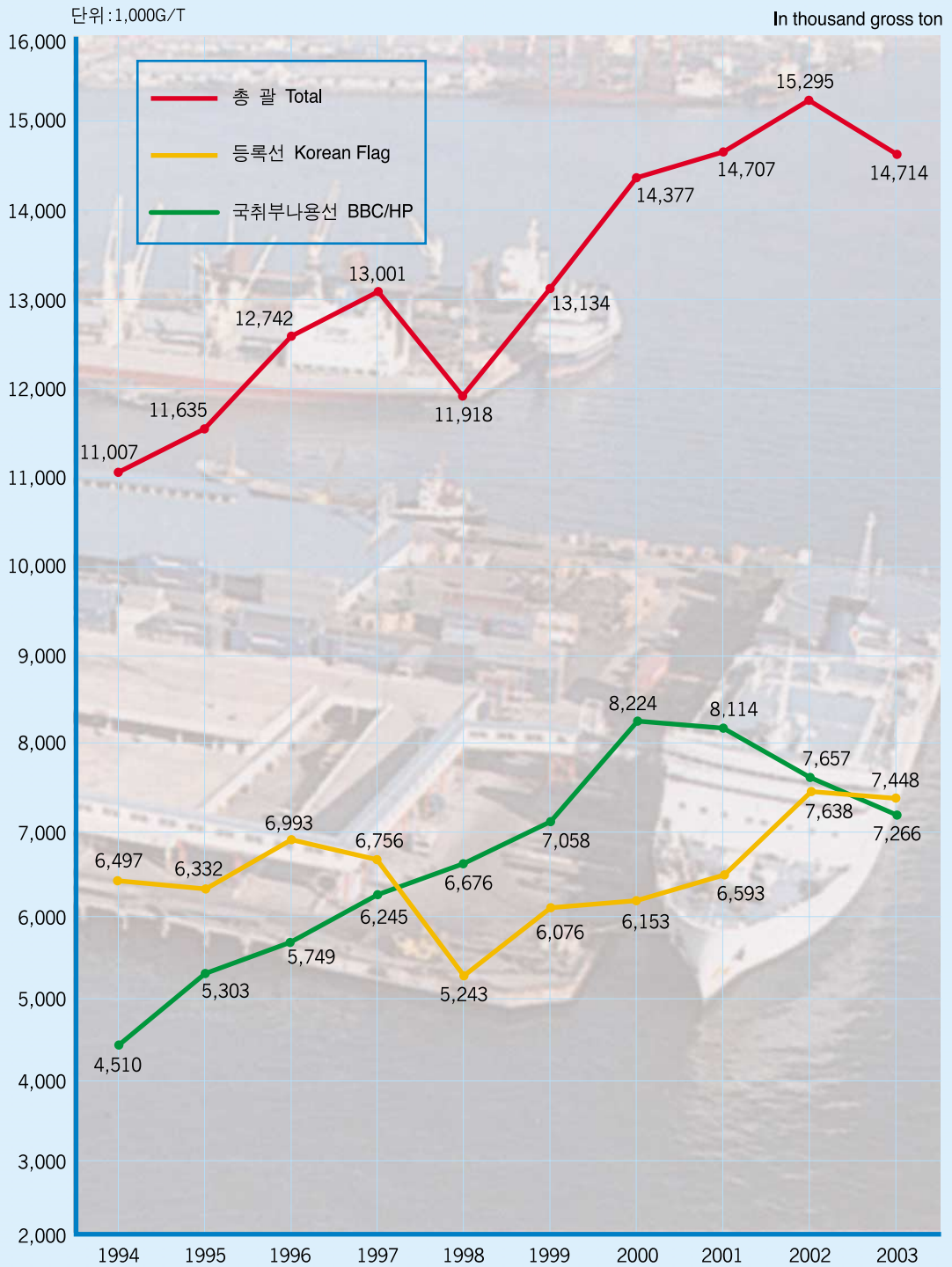
In M/T, \$1,000



* 표 190Page 참조

국적선선박보유량추이

Trends of Korean Flag Ships

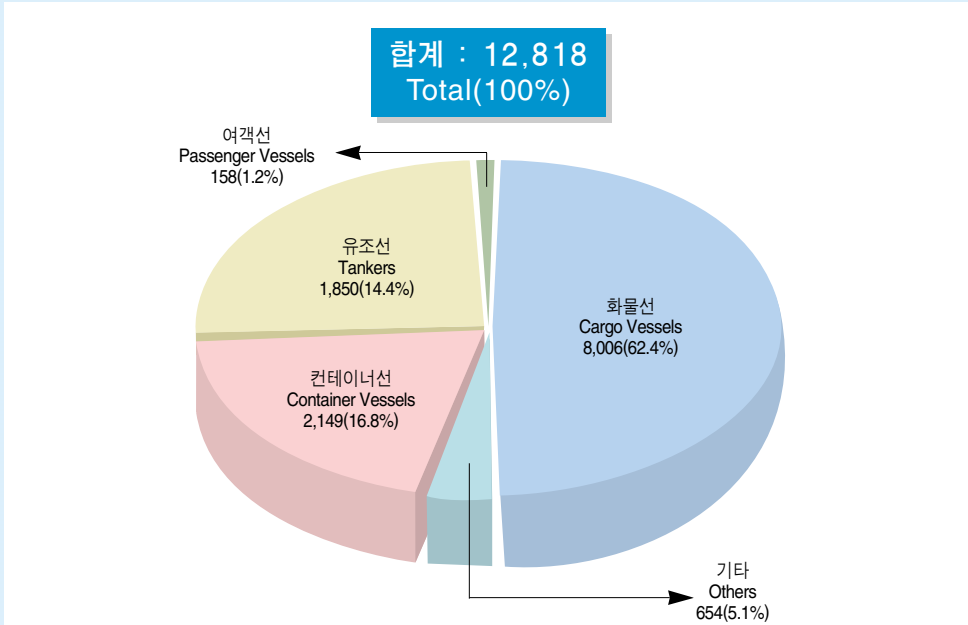


* 표 194Page 참조

17 면허 · 등록선박현황(2003) Production of Processed Fishery Commodities by Groups

단위 : 1,000G/T

In thousand gross ton

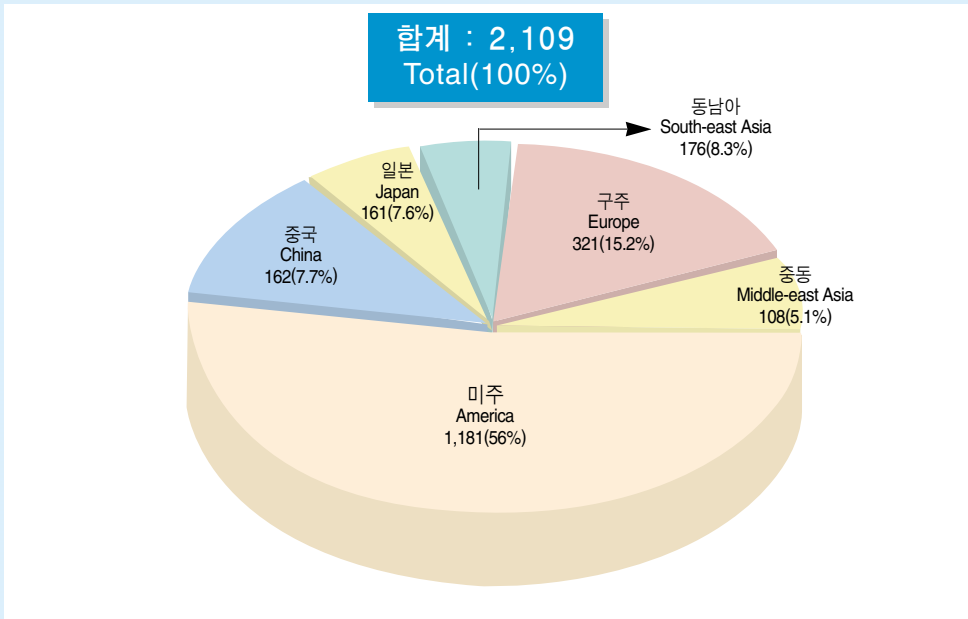


* 표 195Page 참

18 정기외항선취항현황(2003) Status of Ocean-Going Liner Ships

단위 : 1,000G/T

In thousand gross ton

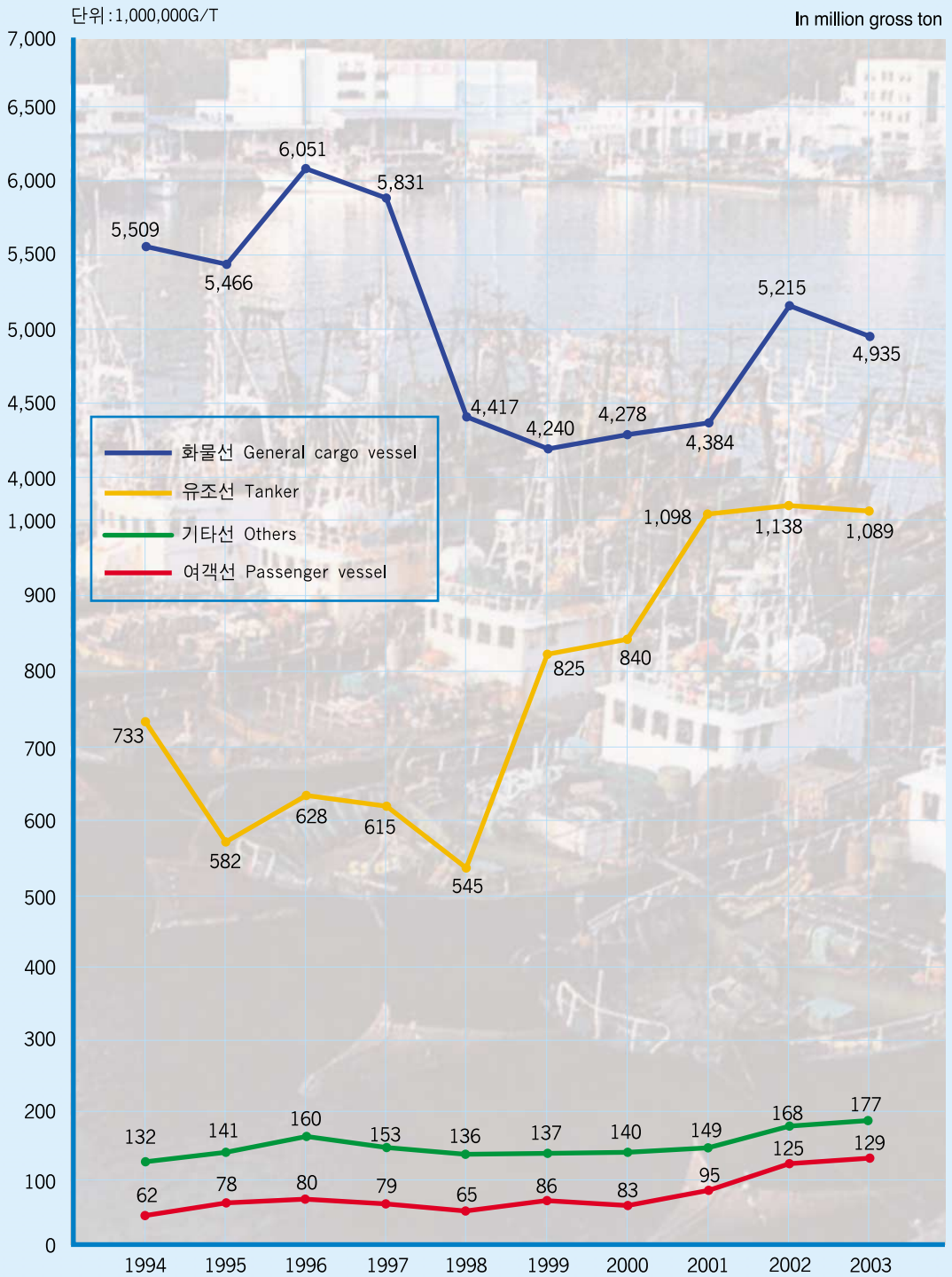


* 표 195Page 참조

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등록선 박량추이

Trends of Registered Ship's Tonnage



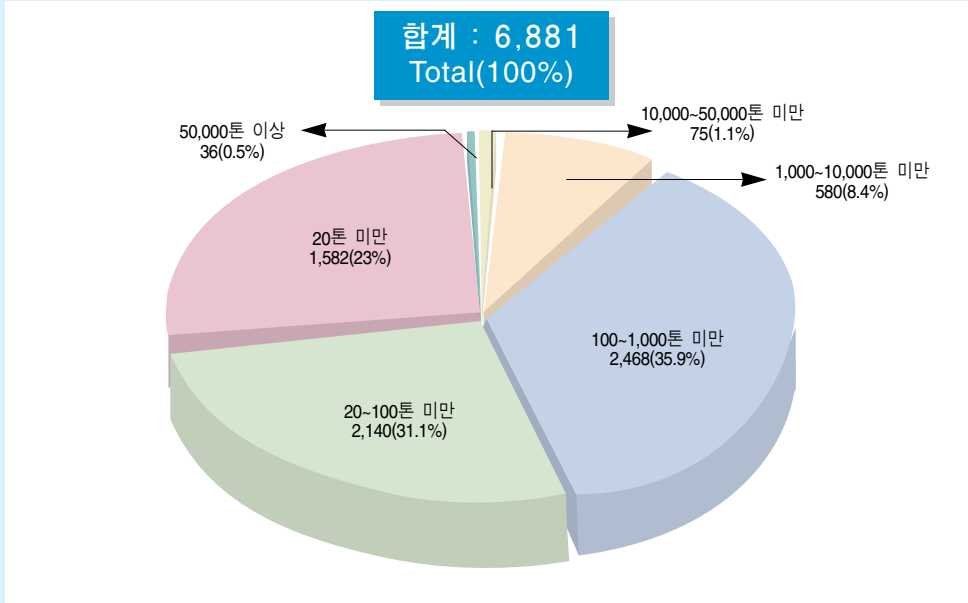
* 표 196Page 참조

20

톤 급 별 등 록 선 박(2003)
Ship Registered by Tonnage

단위:척

In Number



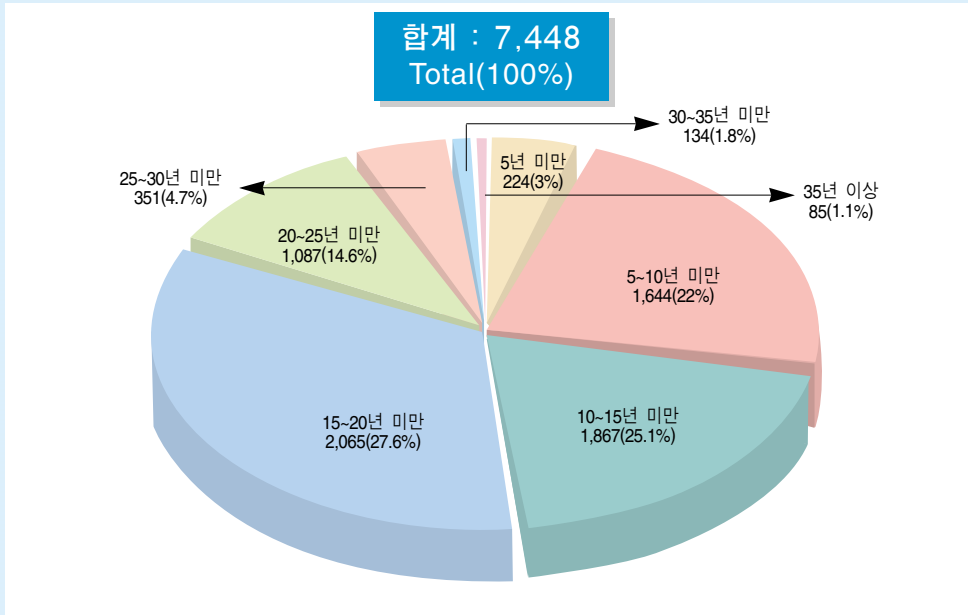
* 표 200Page 참조

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선 령 별 등 록 선 박(2003)
Ship Registered by Age

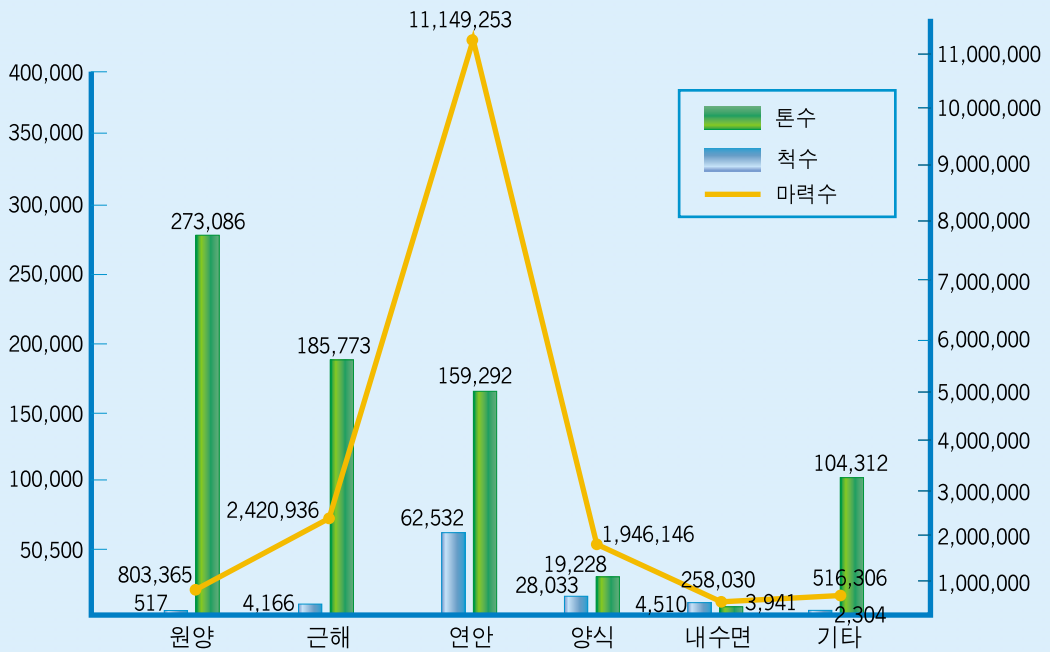
단위:1,000G/T

In thousand gross ton



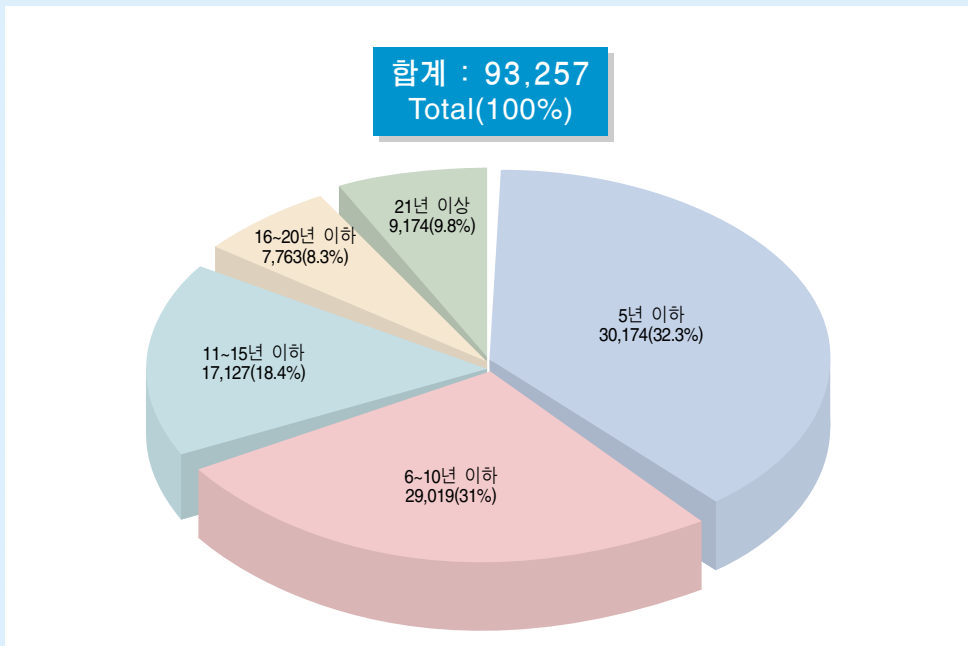
* 표 204Page 참조

22 업종 별 어선 세력 현황(2003) Status of Fishing Fleet by Type of Fishery



* 표 235Page 참조

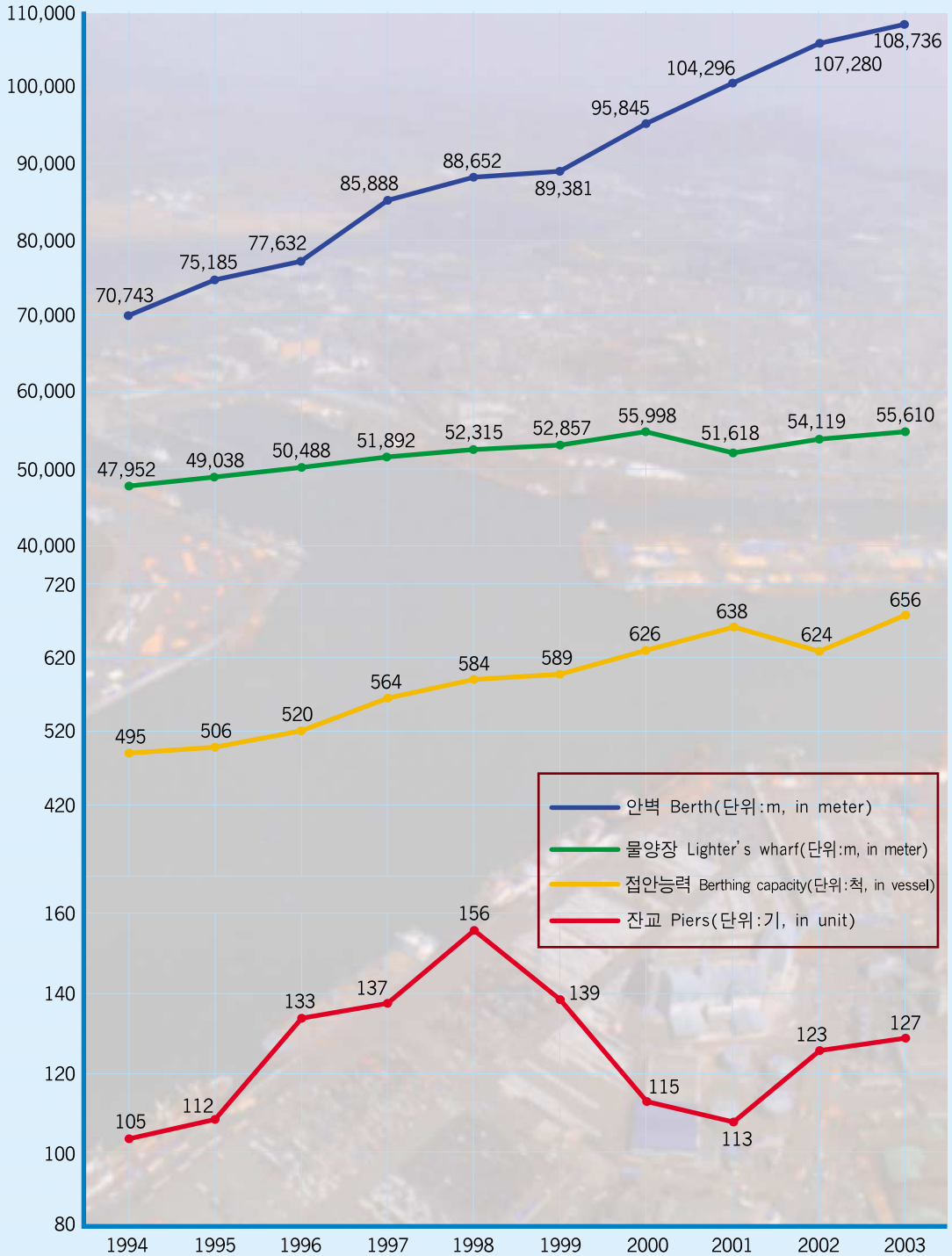
23 선령 별 어선 척수(2003) Number of Fishing Vessels by Age



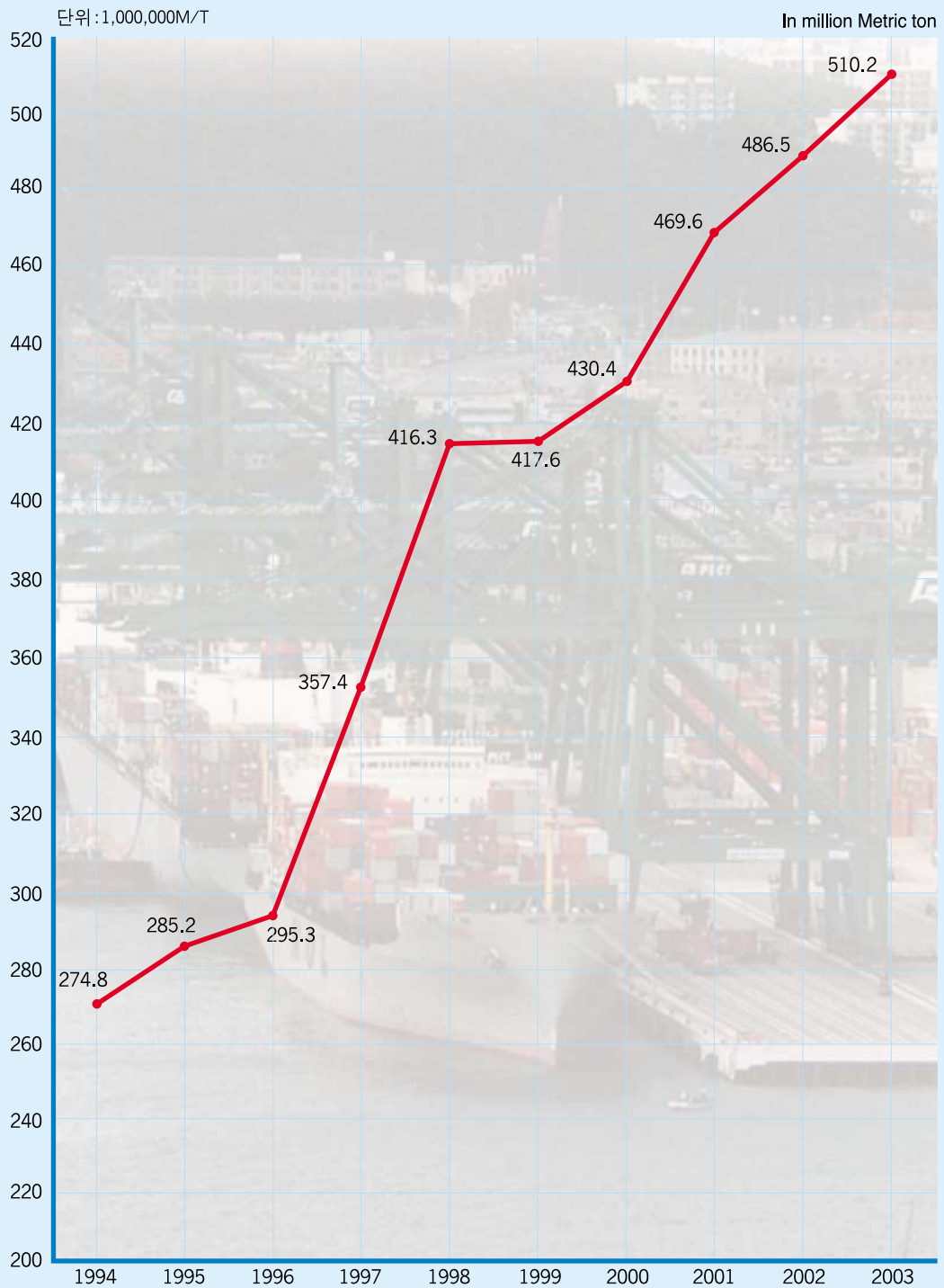
* 표 226Page 참조

항만 시설 현황

Status of Port Facilities

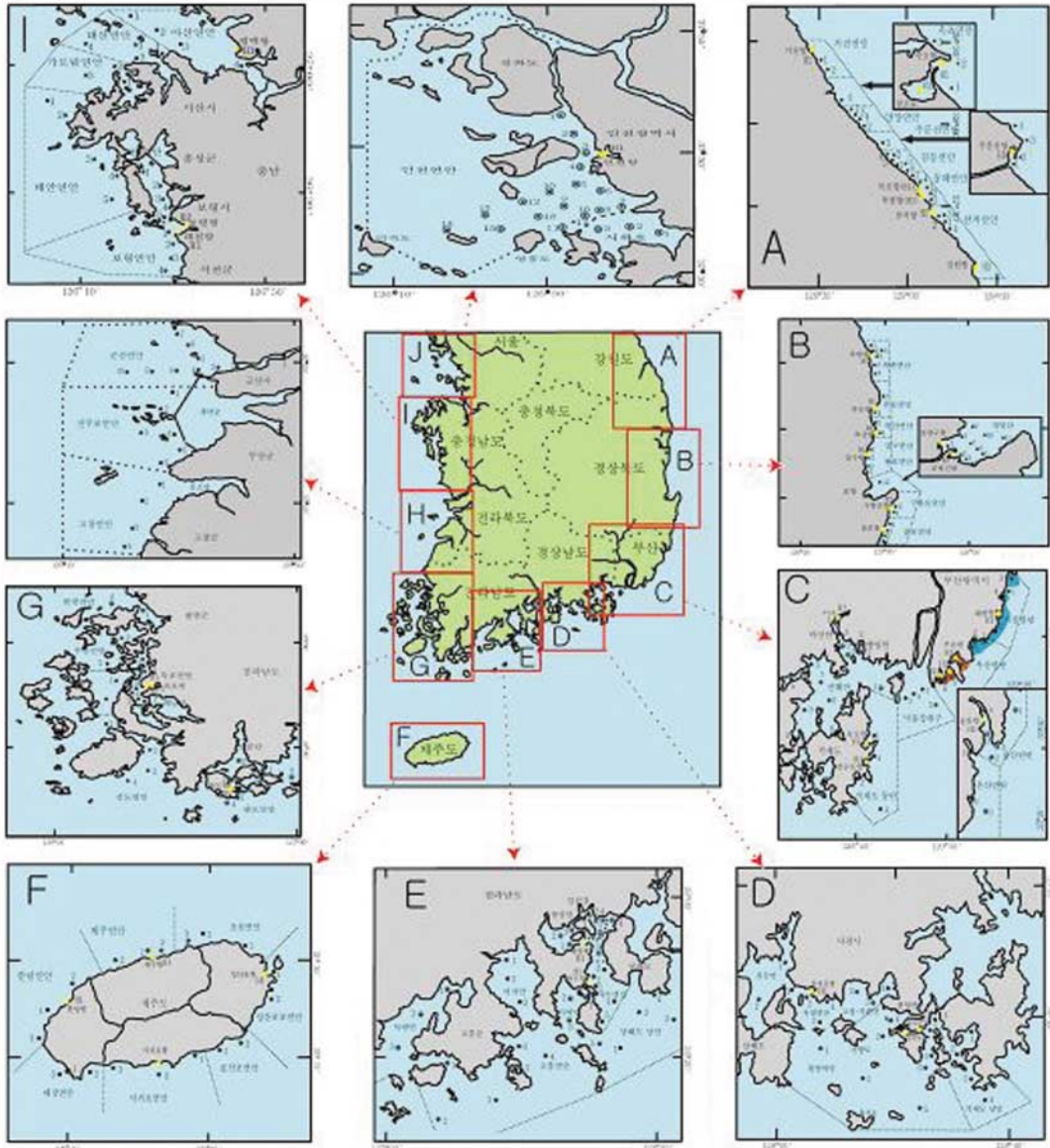


* 표 242Page 참조



26 해양수질측정망위치도

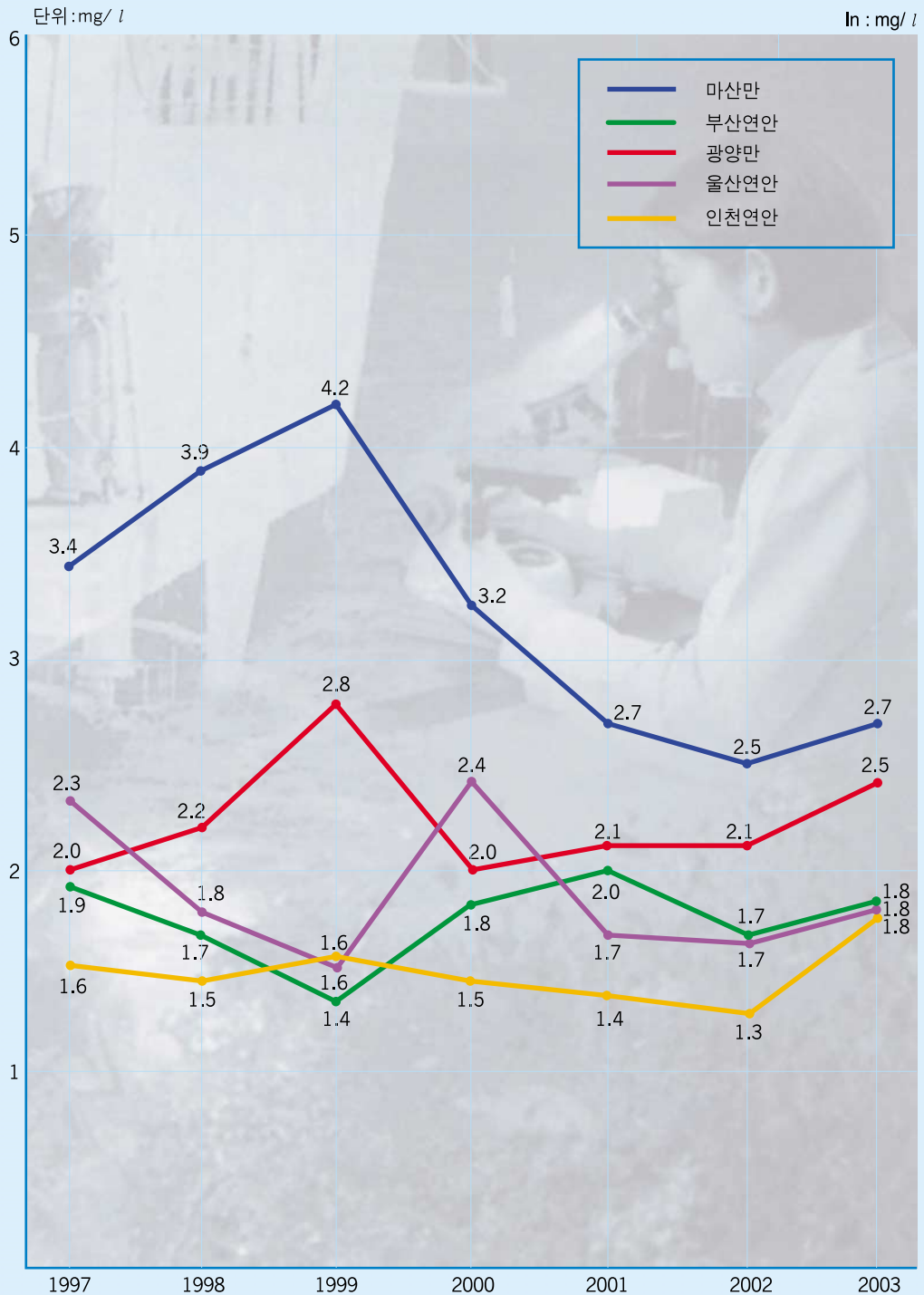
Map of Sea Water Quality Monitoring Sites

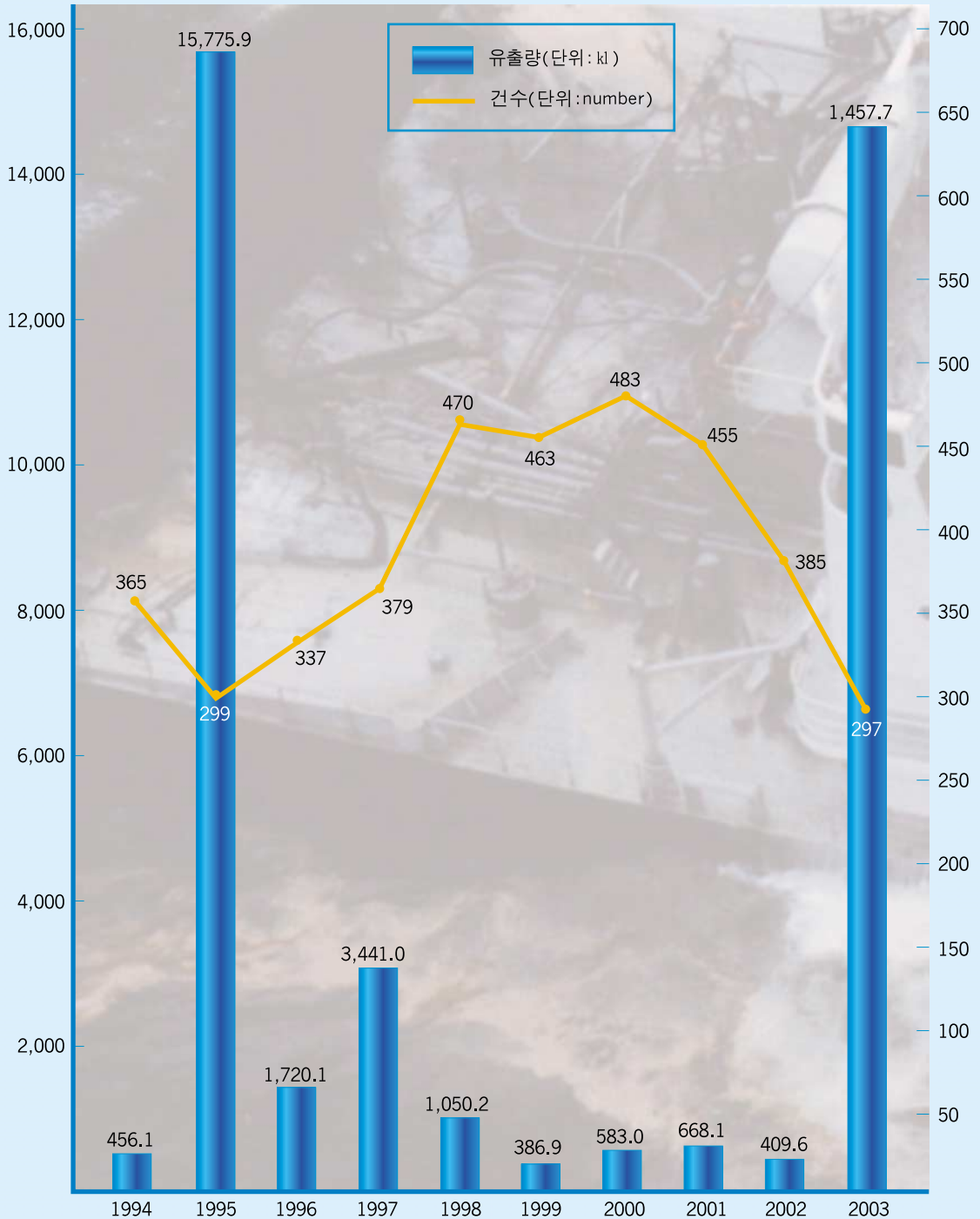


- 근거 : 해양오염방지법 제4조의 3
- 측정지점 : 107개연안 346개 지점
 - 서 해 : 23개연안 102개 지점
 - 남 해 : 52개연안 154개 지점
 - 동 해 : 32개연안 90개 지점

- 측정항목
 - 일반항목 : 수온, Ph, Do, COD, SS
유분, 염분, 투명도, 대장균군수
 - 영양염류 : T-N(NH₃, -N, NO₂-N, NO₃-N)
T-P(PO-P)
 - 특정항목 : Cr+6, As, Cd, Pb, Cu, Zn, Cn, 총수은,
PCB, 유기인 등 총19개항목

○ 측정횟수 : 연4회(2, 5, 8, 11월)





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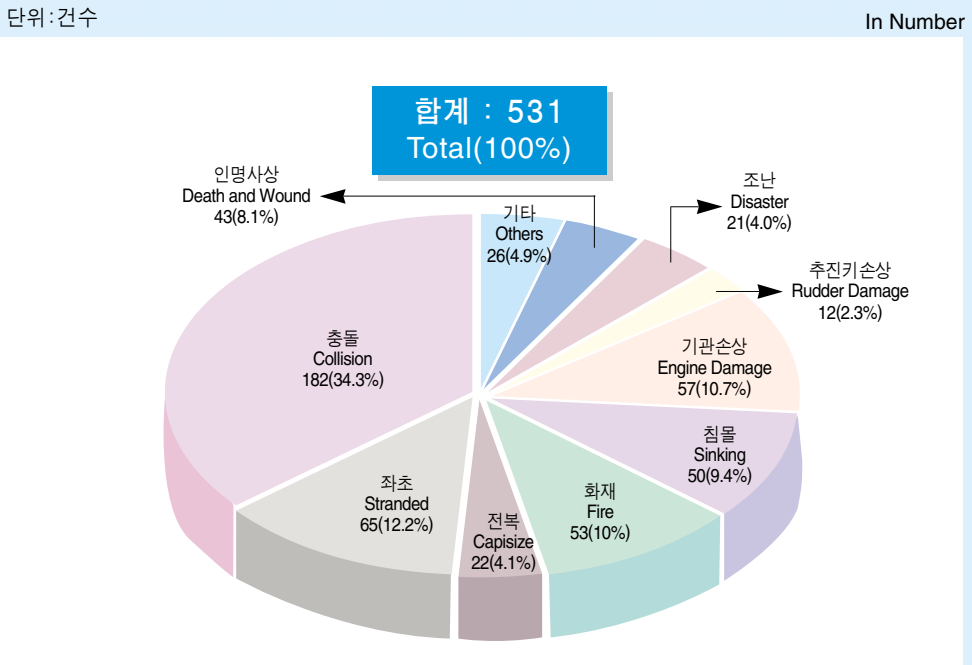
해양사고 현황 Status of Marine Accidents



* 표 317~322Page 참조

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종류별 해양사고(2003) Marine Accidents by Type of Accident



* 표 317Page 참조

1.

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Classif- ication	Grand Total		Arrival							
			Ocean-going						Coastal	
			Korean Flag		Foreign Flag		Sub_Total			
Year	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
1994	254,406	1,103,889,549	11,415	82,173,843	26,744	348,697,772	38,159	430,871,615	89,100	121,739,924
1995	274,676	1,232,936,490	11,617	84,276,218	30,630	403,558,206	42,247	487,834,424	95,159	129,864,141
1996	297,278	1,379,597,379	12,231	90,010,348	33,592	447,152,369	45,823	537,162,717	102,817	149,917,242
1997	302,880	1,468,322,245	12,339	87,710,661	35,205	490,661,894	47,544	578,372,555	103,827	152,892,719
1998	278,370	1,442,739,733	13,763	110,473,135	33,837	476,156,361	47,600	586,629,496	91,480	130,519,267
1999	302,240	1,641,230,282	14,125	105,319,078	40,836	585,847,146	54,961	691,166,224	96,148	128,233,095
2000	325,024	1,760,848,519	15,591	110,354,031	43,670	644,870,661	59,261	755,224,692	104,190	133,812,581
2001	352,411	1,858,784,830	16,614	118,144,468	44,789	652,139,607	61,403	770,284,075	114,792	156,125,270
2002	370,250	1,963,127,060	17,815	129,857,721	49,239	689,819,454	67,054	819,677,175	118,079	157,619,526
2003	385,987	2,051,274,347	18,397	125,726,922	52,398	732,933,574	70,795	858,660,496	122,202	164,046,051
1	32,618	171,331,721	1,384	9,976,224	4,232	61,764,336	5,616	71,740,560	10,634	13,414,021
2	30,139	156,348,036	1,330	9,623,610	4,008	56,610,460	5,338	66,234,070	9,734	12,332,467
3	33,949	175,174,571	1,545	10,591,862	4,454	62,189,876	5,999	72,781,738	10,989	14,241,331
4	31,917	168,681,362	1,528	10,126,239	4,306	60,345,402	5,834	70,471,641	10,150	13,574,471
5	32,787	173,674,768	1,619	11,532,747	4,466	60,817,426	6,085	72,350,173	10,267	13,580,811
6	32,578	167,958,091	1,586	10,751,402	4,236	59,846,201	5,822	70,597,603	10,486	13,824,793
7	31,423	173,747,193	1,634	11,114,249	4,356	60,825,077	5,990	71,939,326	9,692	13,676,428
8	31,384	169,969,645	1,595	10,515,607	4,518	61,147,458	6,113	71,663,065	9,618	13,350,542
9	29,677	162,459,926	1,393	9,752,931	4,151	58,885,558	5,544	68,638,489	9,249	12,472,505
10	33,969	176,064,380	1,596	10,395,498	4,668	63,309,632	6,264	73,705,130	10,744	14,486,037
11	31,965	171,946,154	1,566	10,286,607	4,352	60,785,398	5,918	71,072,005	10,062	14,349,680
12	33,581	183,918,500	1,621	11,059,946	4,651	66,406,750	6,272	77,466,696	10,577	14,742,965

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Total Port Movement Total

Total		Departure									
		Ocean-going						Coastal		Total	
		Korean Flag		Foreign Flag		Sub_Total					
Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
127,259	552,611,539	11,497	83,455,904	26,550	346,082,182	38,047	429,538,086	89,100	121,739,924	127,147	551,278,010
137,406	617,698,565	11,570	82,744,469	30,541	402,629,315	42,111	485,373,784	95,159	129,864,141	137,270	615,237,925
148,640	687,079,959	12,172	90,161,075	33,649	452,439,103	45,821	542,600,178	102,817	149,917,242	148,638	692,517,420
151,371	731,265,274	12,308	86,666,777	35,374	497,497,475	47,682	584,164,252	103,827	152,892,719	151,509	737,056,971
139,080	717,148,763	13,817	110,766,870	33,993	484,304,833	47,810	595,071,703	91,480	130,519,267	139,290	725,590,970
151,109	819,399,319	14,102	104,171,087	40,881	589,426,781	54,983	693,597,868	96,148	128,233,095	151,131	821,830,963
163,451	889,037,273	15,044	107,067,681	42,339	630,930,984	57,383	737,998,665	104,190	133,812,581	161,573	871,811,246
176,195	926,409,345	16,656	117,962,172	44,768	658,288,043	61,424	776,250,215	114,792	156,125,270	176,216	932,375,485
185,133	977,296,701	17,775	129,930,207	49,263	698,280,626	67,038	828,210,833	118,079	157,619,526	185,117	985,830,359
192,997	1,022,706,547	18,331	125,612,037	52,457	738,909,712	70,788	864,521,749	122,202	164,046,051	192,990	1,028,567,800
16,250	85,154,581	1,422	10,115,158	4,312	62,647,961	5,734	72,763,119	10,634	13,414,021	16,368	86,177,140
15,072	78,566,537	1,347	9,627,054	3,986	55,821,978	5,333	65,449,032	9,734	12,332,467	15,067	77,781,499
16,988	87,023,069	1,532	10,412,679	4,440	63,497,492	5,972	73,910,171	10,989	14,241,331	16,961	88,151,502
15,984	84,046,112	1,510	9,894,214	4,273	61,166,565	5,783	71,060,779	10,150	13,574,471	15,933	84,635,250
16,352	85,930,984	1,634	12,112,197	4,534	62,050,776	6,168	74,162,973	10,267	13,580,811	16,435	87,743,784
16,308	84,422,396	1,558	10,428,772	4,226	59,282,130	5,784	69,710,902	10,486	13,824,793	16,270	83,535,695
15,682	85,615,754	1,628	11,457,655	4,421	62,997,356	6,049	74,455,011	9,692	13,676,428	15,741	88,131,439
15,731	85,013,607	1,572	10,334,201	4,463	61,271,295	6,035	71,605,496	9,618	13,350,542	15,653	84,956,038
14,793	81,110,994	1,421	9,798,496	4,214	59,077,931	5,635	68,876,427	9,249	12,472,505	14,884	81,348,932
17,008	88,191,167	1,574	9,898,650	4,643	63,488,526	6,217	73,387,176	10,744	14,486,037	16,961	87,873,213
15,980	85,421,685	1,560	10,562,270	4,363	61,612,519	5,923	72,174,789	10,062	14,349,680	15,985	86,524,469
16,849	92,209,661	1,573	10,970,691	4,582	65,995,183	6,155	76,965,874	10,577	14,742,965	16,732	91,708,839

Source: Shipping & Logistics Bureau

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(2-1)

Vessel Type Classification			Total		Passenger Ship		Bulk Carrier	
			Number	G/T	Number	G/T	Number	G/T
			192,997	1,022,706,547	4,981	42,037,982	23,031	128,125,949
			70,795	858,660,496	4,737	40,750,610	4,797	92,137,059
			18,397	125,726,922	1,365	11,399,496	2,848	37,406,367
			52,398	732,933,574	3,372	29,351,114	1,949	54,730,692
			20,876	110,242,823	2,465	13,952,059	1,775	8,819,521
			8,718	26,818,849	756	6,306,616	1,421	2,946,633
			12,158	83,423,974	1,709	7,645,443	354	5,872,888
			38,809	377,200,168	2,267	26,705,025	1,911	27,387,794
			8,745	58,922,864	609	5,092,880	1,049	9,337,503
			30,064	318,277,304	1,658	21,612,145	862	18,050,291
			3,159	67,479,007	1	28,388	192	5,233,245
			210	2,420,024	0	0	46	1,233,073
			2,949	65,058,983	1	28,388	146	4,000,172
			155	3,958,762	0	0	15	803,866
			6	417,670	0	0	5	412,220
			149	3,541,092	0	0	10	391,646
			1,200	92,348,835	0	0	15	1,330,678
			28	4,024,871	0	0	0	0
			1,172	88,323,964	0	0	15	1,330,678
			1,429	35,032,928	2	41,212	30	928,557
			34	2,173,674	0	0	0	0
			1,395	32,859,254	2	41,212	30	928,557
			388	14,551,301	0	0	32	1,424,409
			10	728,763	0	0	8	631,637
			378	13,822,538	0	0	24	792,772
			1,995	70,754,213	0	0	233	7,387,546
			226	9,939,360	0	0	99	3,259,993
			1,769	60,814,853	0	0	134	4,127,553
			457	11,523,478	1	22,162	26	736,238
			1	19,035	0	0	1	19,035
			456	11,504,443	1	22,162	25	717,203
			512	19,494,058	0	0	96	6,809,774
			35	2,929,458	0	0	27	2,550,612
			477	16,564,600	0	0	69	4,259,162
			1,472	55,195,435	1	1,764	469	31,205,296
			230	17,213,394	0	0	192	17,015,661
			1,242	37,982,041	1	1,764	277	14,189,635
			343	879,488	0	0	3	70,135
			154	118,960	0	0	0	0
			189	760,528	0	0	3	70,135
			122,202	164,046,051	244	1,287,372	18,234	35,988,890

Vessel Movement (Port / Area / Type of Vessel)

Total (Arrival 2-1)

Log Carrier		Cement Ship		Car Carrier		Hot Coil Carrier		Refrigerator Ship	
Number	G/T	Number	G/T	Number	G/T	Number	G/T	Number	G/T
75	635,142	3,826	19,676,921	6,216	61,215,142	164	323,080	3,293	5,916,868
75	635,142	331	1,725,956	1,462	60,778,403	0	0	3,292	5,912,949
0	0	87	527,353	47	2,378,562	0	0	373	222,488
75	635,142	244	1,198,603	1,415	58,399,841	0	0	2,919	5,690,461
8	68,708	229	1,153,362	234	10,704,603	0	0	857	1,174,812
0	0	68	355,663	10	527,426	0	0	297	128,932
8	68,708	161	797,699	224	10,177,177	0	0	560	1,045,880
46	326,704	100	564,853	609	25,429,330	0	0	1,782	2,275,264
0	0	19	171,690	25	1,297,663	0	0	38	50,963
46	326,704	81	393,163	584	24,131,667	0	0	1,744	2,224,301
1	4,737	1	3,847	67	2,370,782	0	0	230	1,112,362
0	0	0	0	1	41,352	0	0	17	7,729
1	4,737	1	3,847	66	2,329,430	0	0	213	1,104,633
0	0	0	0	2	69,505	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	69,505	0	0	0	0
0	0	0	0	59	2,406,354	0	0	2	10,254
0	0	0	0	3	145,462	0	0	0	0
0	0	0	0	56	2,260,892	0	0	2	10,254
7	24,585	0	0	28	1,301,426	0	0	204	453,562
0	0	0	0	0	0	0	0	0	0
7	24,585	0	0	28	1,301,426	0	0	204	453,562
0	0	0	0	102	4,306,689	0	0	1	871
0	0	0	0	1	52,422	0	0	0	0
0	0	0	0	101	4,254,267	0	0	1	871
2	39,943	0	0	213	8,217,257	0	0	38	202,065
0	0	0	0	1	44,891	0	0	0	0
2	39,943	0	0	212	8,172,366	0	0	38	202,065
0	0	0	0	92	3,778,489	0	0	36	129,367
0	0	0	0	0	0	0	0	0	0
0	0	0	0	92	3,778,489	0	0	36	129,367
0	0	0	0	22	863,743	0	0	16	105,007
0	0	0	0	6	269,346	0	0	0	0
0	0	0	0	16	594,397	0	0	16	105,007
11	170,465	1	3,894	34	1,330,225	0	0	39	123,152
0	0	0	0	0	0	0	0	12	25,782
11	170,465	1	3,894	34	1,330,225	0	0	27	97,370
0	0	0	0	0	0	0	0	87	326,233
0	0	0	0	0	0	0	0	9	9,082
0	0	0	0	0	0	0	0	78	317,151
0	0	3,495	17,950,965	4,754	436,739	164	323,080	1	3,919

Source: Shipping & Logistics Bureau

(2 - 2)

Vessel Type Classification			General Cargo Ship		Full Container Ship		Semi-Container Ship		Crude Oil Carrier	
			Number	G/T	Number	G/T	Number	G/T	Number	G/T
			25,249	153,695,733	19,354	303,973,927	1,479	15,151,472	2,357	63,463,891
			18,333	140,324,618	18,352	301,510,110	1,379	14,787,887	624	62,291,660
			2,552	10,151,405	5,189	48,995,015	249	537,140	40	4,208,327
			15,781	130,173,213	13,163	252,515,095	1,130	14,250,747	584	58,083,333
			5,948	20,850,790	4,323	29,412,095	363	1,664,195	39	1,198,404
			1,550	3,529,475	2,359	9,971,368	160	336,954	4	7,964
			4,398	17,321,315	1,964	19,440,727	203	1,327,241	35	1,190,440
			9,816	72,217,891	10,948	160,387,410	727	7,145,598	110	5,068,671
			922	5,798,994	2,632	30,010,751	88	195,901	8	90,095
			8,894	66,418,897	8,316	130,376,659	639	6,949,697	102	4,978,576
			938	11,445,741	933	19,157,871	40	936,186	83	4,382,408
			61	435,032	47	342,640	0	0	3	230,859
			877	11,010,709	886	18,815,231	40	936,186	80	4,151,549
			56	1,005,950	30	892,042	8	124,517	4	110,348
			1	5,450	0	0	0	0	0	0
			55	1,000,500	30	892,042	8	124,517	4	110,348
			81	2,693,749	226	8,782,763	6	70,279	319	46,053,925
			0	0	0	0	0	0	25	3,879,409
			81	2,693,749	226	8,782,763	6	70,279	294	42,174,516
			245	2,183,603	487	27,033,185	24	921,432	11	992,725
			0	0	33	2,168,761	0	0	0	0
			245	2,183,603	454	24,864,424	24	921,432	11	992,725
			94	2,569,326	101	2,919,787	4	60,170	15	1,832,959
			0	0	0	0	0	0	0	0
			94	2,569,326	101	2,919,787	4	60,170	15	1,832,959
			372	9,073,510	852	38,993,935	52	1,545,811	8	427,314
			8	146,467	117	6,485,243	0	0	0	0
			364	8,927,043	735	32,508,692	52	1,545,811	8	427,314
			110	1,674,850	105	3,547,486	28	465,436	0	0
			0	0	0	0	0	0	0	0
			110	1,674,850	105	3,547,486	28	465,436	0	0
			124	4,459,154	161	4,125,139	38	702,530	18	1,257,229
			2	109,500	0	0	0	0	0	0
			122	4,349,654	161	4,125,139	38	702,530	18	1,257,229
			539	12,038,676	185	6,216,563	87	1,135,443	17	967,677
			8	126,487	1	16,252	1	4,285	0	0
			531	11,912,189	184	6,200,311	86	1,131,158	17	967,677
			10	111,378	1	41,834	2	16,290	0	0
			0	0	0	0	0	0	0	0
			10	111,378	1	41,834	2	16,290	0	0
			6,916	13,371,115	1,002	2,463,817	100	363,585	1,733	1,172,231

Total (Arrival 2-2)

Product Carrier		Chemical Tanker		LPG, LNG Gas Carrier(LPG,LNG)		Fishing Vessel		Others	
Number	G/T	Number	G/T	Number	G/T	Number	G/T	Number	G/T
40,552	104,746,752	10,343	34,251,305	3,795	44,074,705	3,624	2,609,922	44,658	42,807,756
4,555	63,471,701	6,517	29,249,034	1,579	38,899,875	3,543	2,598,991	1,219	3,586,501
1,127	2,753,478	2,692	4,507,613	297	1,109,806	896	345,977	635	1,183,895
3,428	60,718,223	3,825	24,741,421	1,282	37,790,069	2,647	2,253,014	584	2,402,606
1,260	12,192,167	1,857	6,121,931	439	1,846,566	645	162,627	434	920,983
390	862,732	791	1,155,907	137	277,118	489	63,661	286	348,400
870	11,329,435	1,066	4,966,024	302	1,569,448	156	98,966	148	572,583
2,598	24,033,595	4,230	16,599,228	689	5,670,585	2,297	1,799,801	679	1,588,419
729	1,870,400	1,879	3,254,062	150	762,795	255	163,052	342	826,115
1,869	22,163,195	2,351	13,345,166	539	4,907,790	2,042	1,636,749	337	762,304
238	7,183,428	184	1,850,582	209	13,546,713	6	8,439	36	214,278
3	8,881	19	87,953	9	25,189	1	348	3	6,968
235	7,174,547	165	1,762,629	200	13,521,524	5	8,091	33	207,310
29	817,274	7	76,509	1	29,240	0	0	3	29,511
0	0	0	0	0	0	0	0	0	0
29	817,274	7	76,509	1	29,240	0	0	3	29,511
231	13,195,253	57	1,529,083	201	16,233,626	0	0	3	42,871
0	0	0	0	0	0	0	0	0	0
231	13,195,253	57	1,529,083	201	16,233,626	0	0	3	42,871
24	703,358	5	70,714	2	13,109	348	347,366	12	18,094
0	0	1	4,913	0	0	0	0	0	0
24	703,358	4	65,801	2	13,109	348	347,366	12	18,094
22	879,697	4	41,100	9	475,988	2	1,901	2	38,404
0	0	0	0	1	44,704	0	0	0	0
22	879,697	4	41,100	8	431,284	2	1,901	2	38,404
83	2,239,091	102	1,725,756	18	594,443	5	12,701	17	294,841
1	2,766	0	0	0	0	0	0	0	0
82	2,236,325	102	1,725,756	18	594,443	5	12,701	17	294,841
15	387,230	32	617,205	3	55,574	2	465	7	108,976
0	0	0	0	0	0	0	0	0	0
15	387,230	32	617,205	3	55,574	2	465	7	108,976
16	719,133	15	333,533	1	5,087	2	2,390	3	111,339
0	0	0	0	0	0	0	0	0	0
16	719,133	15	333,533	1	5,087	2	2,390	3	111,339
30	1,084,957	22	266,715	7	428,944	18	25,350	12	196,314
2	3,468	2	4,778	0	0	11	15,901	1	780
28	1,081,489	20	261,937	7	428,944	7	9,449	11	195,534
9	36,518	2	16,678	0	0	218	237,951	11	22,471
2	5,231	0	0	0	0	140	103,015	3	1,632
7	31,287	2	16,678	0	0	78	134,936	8	20,839
35,997	41,275,051	3,826	5,002,271	2,216	5,174,830	81	10,931	43,439	39,221,255

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(2-1)

Vessel Type Classification			Total		Passenger Ship		Bulk Carrier	
			Number	G/T	Number	G/T	Number	G/T
			192,990	1,028,567,800	4,982	42,107,156	23,024	128,376,534
			70,788	864,521,749	4,738	40,819,784	4,790	92,387,644
			18,331	125,612,037	1,364	11,406,630	2,842	37,374,146
			52,457	738,909,712	3,374	29,413,154	1,948	55,013,498
			20,158	108,584,371	2,453	13,923,869	1,703	8,884,096
			8,378	25,203,757	749	6,276,484	1,373	2,805,286
			11,780	83,380,614	1,704	7,647,385	330	6,078,810
			39,312	386,612,083	2,276	26,723,351	2,004	27,853,668
			8,958	60,429,726	615	5,130,146	1,097	10,037,086
			30,354	326,182,357	1,661	21,593,205	907	17,816,582
			3,584	87,210,685	5	118,805	169	4,711,146
			209	2,161,269	0	0	35	1,032,979
			3,375	85,049,416	5	118,805	134	3,678,167
			151	3,117,268	0	0	17	694,231
			12	259,373	0	0	7	235,916
			139	2,857,895	0	0	10	458,315
			996	74,157,568	0	0	19	1,295,248
			22	2,527,304	0	0	1	13,779
			974	71,630,264	0	0	18	1,281,469
			1,390	35,678,523	3	31,597	34	1,143,062
			43	2,534,962	0	0	5	136,664
			1,347	33,143,561	3	31,597	29	1,006,398
			351	12,289,381	0	0	35	2,205,178
			14	1,021,351	0	0	11	915,017
			337	11,268,030	0	0	24	1,290,161
			2,111	74,276,457	0	0	256	8,149,220
			253	11,434,889	0	0	101	3,347,013
			1,858	62,841,568	0	0	155	4,802,207
			475	12,954,605	1	22,162	20	428,584
			8	374,130	0	0	1	24,235
			467	12,580,475	1	22,162	19	404,349
			397	12,900,439	0	0	58	4,277,585
			28	2,292,330	0	0	18	1,951,726
			369	10,608,109	0	0	40	2,325,859
			1,362	55,622,034	0	0	472	32,696,340
			222	17,233,360	0	0	192	16,872,763
			1,140	38,388,674	0	0	280	15,823,577
			501	1,118,335	0	0	3	49,286
			184	139,586	0	0	1	1,682
			317	978,749	0	0	2	47,604
			122,202	164,046,051	244	1,287,372	18,234	35,988,890

Vessel Movement (Port / Area / Type of Vessel)

Total (Departure 2-1)

Log Carrier		Cement Ship		Car Carrier		Hot Coil Carrier		Refrigerator Ship	
Number	G/T	Number	G/T	Number	G/T	Number	G/T	Number	G/T
73	610,137	3,822	19,665,945	6,219	61,356,673	164	323,080	3,280	5,905,920
73	610,137	327	1,714,980	1,465	60,919,934	0	0	3,279	5,902,001
0	0	89	548,872	47	2,378,562	0	0	371	215,356
73	610,137	238	1,166,108	1,418	58,541,372	0	0	2,908	5,686,645
7	41,016	239	1,212,183	307	12,924,943	0	0	801	821,512
0	0	71	387,245	10	523,153	0	0	287	128,615
7	41,016	168	824,938	297	12,401,790	0	0	514	692,897
45	316,973	88	502,797	567	24,061,652	0	0	1,724	2,136,068
0	0	18	161,627	21	1,099,779	0	0	43	39,469
45	316,973	70	341,170	546	22,961,873	0	0	1,681	2,096,599
3	35,269	0	0	58	2,255,602	0	0	266	1,314,049
0	0	0	0	0	0	0	0	18	8,146
3	35,269	0	0	58	2,255,602	0	0	248	1,305,903
0	0	0	0	1	36,615	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	36,615	0	0	0	0
0	0	0	0	49	1,902,404	0	0	3	14,071
0	0	0	0	3	134,673	0	0	0	0
0	0	0	0	46	1,767,731	0	0	3	14,071
9	72,126	0	0	49	2,352,124	0	0	200	441,896
0	0	0	0	3	160,524	0	0	1	3,260
9	72,126	0	0	46	2,191,600	0	0	199	438,636
0	0	0	0	108	4,533,020	0	0	5	12,353
0	0	0	0	2	104,844	0	0	1	1,490
0	0	0	0	106	4,428,176	0	0	4	10,863
1	17,979	0	0	203	7,925,380	0	0	62	299,240
0	0	0	0	2	86,243	0	0	0	0
1	17,979	0	0	201	7,839,137	0	0	62	299,240
0	0	0	0	86	3,512,965	0	0	38	144,441
0	0	0	0	0	0	0	0	0	0
0	0	0	0	86	3,512,965	0	0	38	144,441
0	0	0	0	17	644,709	0	0	18	130,416
0	0	0	0	6	269,346	0	0	0	0
0	0	0	0	11	375,363	0	0	18	130,416
8	126,774	0	0	20	770,520	0	0	35	131,967
0	0	0	0	0	0	0	0	10	24,035
8	126,774	0	0	20	770,520	0	0	25	107,932
0	0	0	0	0	0	0	0	127	455,988
0	0	0	0	0	0	0	0	11	10,341
0	0	0	0	0	0	0	0	116	445,647
0	0	3,495	17,950,965	4,754	436,739	164	323,080	1	3,919

Source: Shipping & Logistics Bureau

(2-2)

Vessel Type Classification			General Cargo Ship		Full Container Ship		Semi-Container Ship		Crude Oil Carrier	
			Number	G/T	Number	G/T	Number	G/T	Number	G/T
			25,224	153,470,127	19,391	305,090,344	1,477	15,158,205	2,358	63,935,773
			18,308	140,099,012	18,389	302,626,527	1,377	14,794,620	625	62,763,542
			2,534	10,180,752	5,186	48,807,217	249	537,620	38	4,205,972
			15,774	129,918,260	13,203	253,819,310	1,128	14,257,000	587	58,557,570
			5,579	20,251,029	3,933	27,038,732	373	2,576,499	31	1,421,451
			1,499	3,519,382	2,143	8,503,627	150	300,624	0	0
			4,080	16,731,647	1,790	18,535,105	223	2,275,875	31	1,421,451
			10,302	73,485,510	11,315	159,811,374	694	6,047,773	146	10,216,422
			968	6,011,111	2,805	29,254,381	99	236,996	20	1,718,416
			9,334	67,474,399	8,510	130,556,993	595	5,810,777	126	8,498,006
			907	11,480,458	867	17,748,587	53	1,066,759	176	13,389,794
			54	327,893	51	418,585	0	0	2	153,906
			853	11,152,565	816	17,330,002	53	1,066,759	174	13,235,888
			70	1,053,149	29	896,803	6	83,330	0	0
			2	10,056	0	0	0	0	0	0
			68	1,043,093	29	896,803	6	83,330	0	0
			114	3,059,723	229	8,768,421	12	152,962	252	36,612,684
			1	498	0	0	0	0	16	2,333,650
			113	3,059,225	229	8,768,421	12	152,962	236	34,279,034
			198	2,060,753	497	27,680,696	24	916,968	5	95,215
			0	0	34	2,234,514	0	0	0	0
			198	2,060,753	463	25,446,182	24	916,968	5	95,215
			73	1,755,513	103	3,009,536	2	24,718	1	23,882
			0	0	0	0	0	0	0	0
			73	1,755,513	103	3,009,536	2	24,718	1	23,882
			442	11,191,266	888	40,629,757	57	1,537,502	8	578,311
			2	25,933	142	7,960,885	0	0	0	0
			440	11,165,333	746	32,668,872	57	1,537,502	8	578,311
			111	1,815,482	160	6,071,552	29	493,150	0	0
			0	0	7	349,895	0	0	0	0
			111	1,815,482	153	5,721,657	29	493,150	0	0
			71	2,243,273	164	4,173,095	37	673,597	2	68,782
			0	0	3	69,078	0	0	0	0
			71	2,243,273	161	4,104,017	37	673,597	2	68,782
			426	11,476,965	203	6,791,260	89	1,208,134	4	357,001
			8	285,879	1	16,252	0	0	0	0
			418	11,191,086	202	6,775,008	89	1,208,134	4	357,001
			15	225,891	1	6,714	1	13,228	0	0
			0	0	0	0	0	0	0	0
			15	225,891	1	6,714	1	13,228	0	0
			6,916	13,371,115	1,002	2,463,817	100	363,585	1,733	1,172,231

Total (Departure 2-2)

Product Carrier		Chemical Tanker		LPG, LNG Gas Carrier(LPG,LNG)		Fishing Vessel		Others	
Number	G/T	Number	G/T	Number	G/T	Number	G/T	Number	G/T
40,592	106,646,861	10,369	34,979,461	3,768	44,201,368	3,599	2,588,688	44,648	44,151,528
4,595	65,371,810	6,543	29,977,190	1,552	39,026,538	3,518	2,577,757	1,209	4,930,273
1,121	2,757,824	2,715	4,566,530	289	1,092,680	880	337,166	606	1,202,710
3,474	62,613,986	3,828	25,410,660	1,263	37,933,858	2,638	2,240,591	603	3,727,563
1,348	10,646,470	1,938	5,076,887	473	2,661,971	605	144,589	368	959,124
421	933,370	830	1,195,044	147	259,218	459	58,364	239	313,345
927	9,713,100	1,108	3,881,843	326	2,402,753	146	86,225	129	645,779
2,491	26,325,288	4,082	17,990,004	669	7,691,300	2,207	1,763,146	702	1,686,757
681	1,770,890	1,848	3,221,517	134	729,096	250	149,579	359	869,633
1,810	24,554,398	2,234	14,768,487	535	6,962,204	1,957	1,613,567	343	817,124
473	16,705,919	304	2,966,776	227	14,113,868	8	6,123	68	1,297,530
11	33,606	28	119,626	7	59,662	1	348	2	6,518
462	16,672,313	276	2,847,150	220	14,054,206	7	5,775	66	1,291,012
9	192,901	16	130,728	0	0	0	0	3	29,511
1	3,993	2	9,408	0	0	0	0	0	0
8	188,908	14	121,320	0	0	0	0	3	29,511
114	7,391,073	47	1,514,202	153	13,326,055	0	0	4	120,725
0	0	0	0	1	44,704	0	0	0	0
114	7,391,073	47	1,514,202	152	13,281,351	0	0	4	120,725
16	491,367	4	64,765	0	0	340	319,343	11	8,611
0	0	0	0	0	0	0	0	0	0
16	491,367	4	64,765	0	0	340	319,343	11	8,611
7	226,413	5	60,939	6	403,125	5	9,410	1	25,294
0	0	0	0	0	0	0	0	0	0
7	226,413	5	60,939	6	403,125	5	9,410	1	25,294
76	1,957,551	79	1,165,265	13	463,272	5	12,701	21	349,013
3	6,965	2	4,778	0	0	1	3,072	0	0
73	1,950,586	77	1,160,487	13	463,272	4	9,629	21	349,013
11	233,039	8	119,319	1	3,435	3	1,500	7	108,976
0	0	0	0	0	0	0	0	0	0
11	233,039	8	119,319	1	3,435	3	1,500	7	108,976
8	207,923	15	345,779	3	21,761	0	0	4	113,519
0	0	0	0	0	0	0	0	1	2,180
8	207,923	15	345,779	3	21,761	0	0	3	111,339
32	951,893	44	537,421	7	341,751	9	8,260	13	223,748
2	3,468	5	16,157	0	0	2	5,404	2	9,402
30	948,425	39	521,264	7	341,751	7	2,856	11	214,346
10	41,973	1	5,105	0	0	336	312,685	7	7,465
2	5,532	0	0	0	0	167	120,399	3	1,632
8	36,441	1	5,105	0	0	169	192,286	4	5,833
35,997	41,275,051	3,826	5,002,271	2,216	5,174,830	81	10,931	43,439	39,221,255

3. ()
Vessel Arrival (Tonnage)
Total

Total	192,549	1,021,977,217	70,795	858,660,496	18,397	125,726,922	52,398	732,933,574	121,754	163,316,721
100 100 less than	19,618	4,914,258	613	48,980	435	34,549	178	14,431	19,005	4,865,278
100 - 500 100 - 5000 less than	50,985	28,945,535	7,518	2,454,049	2,728	1,016,754	4,790	1,437,295	43,467	26,491,486
500 - 1,000 500 - 1,000 less than	30,884	24,580,272	4,546	3,551,523	1,483	1,194,549	3,063	2,356,974	26,338	21,028,749
1,000 - 3,000 1,000 - 3,000 less than	36,836	65,867,467	16,433	30,837,196	6,039	11,705,932	10,394	19,131,264	20,403	35,030,271
3,000 - 5,000 3,000 - 5,000 less than	18,446	74,786,900	10,788	43,326,474	3,880	15,516,006	6,908	27,810,468	7,658	31,460,426
5,000 - 7,000 5,000 - 7,000 less than	6,374	37,967,701	3,965	23,631,840	431	2,380,962	3,534	21,250,878	2,409	14,335,861
7,000 - 10,000 7,000-10,000 less than	6,971	57,636,245	5,244	44,719,812	1,146	9,189,052	4,098	35,530,760	1,727	12,916,433
10,000 - 15,000 10,000-15,000 less than	4,628	58,037,049	4,495	56,511,749	295	3,698,435	4,200	52,813,314	133	1,525,300
15,000 - 20,000 15,000-20,000 less than	4,341	74,130,861	4,081	69,705,874	530	9,021,631	3,551	60,684,243	260	4,424,987
20,000 - 25,000 20,000-25,000 less than	2,121	47,733,492	2,117	47,644,330	364	7,933,258	1,753	39,711,072	4	89,162
25,000 - 30,000 25,000-30,000 less than	2,963	80,570,213	2,689	73,345,686	164	4,298,133	2,525	69,047,553	274	7,224,527
30,000 - 50,000 30,000-50,000 less than	4,499	174,086,635	4,485	173,543,292	200	7,399,906	4,285	166,143,386	14	543,343
50,000 - 60,000 50,000-60,000 less than	1,759	95,237,631	1,698	92,013,570	262	14,073,088	1,436	77,940,482	61	3,224,061
50,000 - 75,000 50,000-75,000 less than	782	53,700,127	782	53,700,127	162	10,775,374	620	42,924,753	0	0
75,000 - 100,000 75,000-100,000 less than	717	60,272,484	717	60,272,484	159	13,287,127	558	46,985,357	0	0
100,000 100,000 more than	625	83,510,347	624	83,353,510	119	14,202,166	505	69,151,344	1	156,837

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Note: The statistics of vessels arrived in other ports are not computed in this table

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Source: Shipping and Logistics Bureau

1. (,)

Passenger Ship Transportation (Passenger / Cargo)

Classif-ication Year & Month	Total		Ocean-going						Coastal	
			Sub_Total		Korean Flag		Foreign Flag			
	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)
1994	8,280,085	2,596,752	411,385	1,216,310	108,473	389,028	302,912	827,282	7,868,700	1,380,442
1995	9,097,217	3,151,799	394,947	1,598,022	82,243	540,233	312,704	1,057,789	8,702,270	1,553,777
1996	9,935,978	3,834,462	522,985	1,690,460	141,649	481,293	381,336	1,209,167	9,412,993	2,144,002
1997	10,462,895	4,216,649	563,829	1,744,591	149,613	484,650	414,216	1,259,941	9,899,066	2,472,058
1998	8,814,790	3,789,160	537,738	1,739,340	175,356	369,572	362,382	1,369,768	8,277,052	2,049,820
1999	9,856,866	4,445,983	804,870	2,176,569	263,594	438,153	541,276	1,738,416	9,051,996	2,269,414
2000	10,700,674	4,909,336	999,163	2,431,845	390,562	460,654	608,601	1,971,191	9,701,511	2,477,491
2001	10,414,814	5,146,036	1,074,891	2,298,235	374,420	411,328	700,471	1,886,907	9,339,923	2,847,801
2002	10,712,711	5,943,912	1,252,867	2,715,505	536,083	674,693	716,784	2,040,812	9,459,844	3,228,407
2003	11,715,117	6,710,708	1,379,529	3,126,561	672,117	992,136	707,412	2,134,425	10,335,588	3,584,147
1	718,026	492,024	122,544	239,549	60,911	55,007	61,633	184,542	595,482	252,475
2	712,888	444,328	95,568	193,432	44,893	48,336	50,675	145,096	617,320	250,896
3	771,707	514,964	104,784	247,970	49,478	66,871	55,306	181,099	666,923	266,994
4	939,082	517,352	81,228	252,155	35,858	64,623	45,370	187,532	857,854	265,197
5	1,088,044	531,550	76,247	236,545	34,948	78,567	41,299	157,978	1,011,797	295,005
6	967,086	525,951	86,173	239,245	37,298	60,478	48,875	178,767	880,913	286,706
7	1,253,996	595,851	132,045	252,985	67,517	79,032	64,528	173,953	1,121,951	342,866
8	2,106,294	711,766	198,336	242,873	105,849	81,032	92,487	161,841	1,907,958	468,893
9	847,324	597,768	112,316	296,007	51,854	120,003	60,462	176,004	735,008	301,761
10	905,059	655,815	122,896	358,395	58,946	152,897	63,950	205,498	782,163	297,420
11	756,290	569,263	129,637	287,579	63,317	88,429	66,320	199,150	626,653	281,684
12	649,321	554,076	117,755	279,826	61,248	96,861	56,507	182,965	531,566	274,250

Source: Shipping & Logistics Bureau

2. (Km, Km)

Passenger Ship Transportation (Passenger-Km / Ton-Km)

Classification Year & Month	Total		Ocean-going						Coastal	
			Sub_Total		Korean Flag		Foreign Flag			
	Passenger-Km	Ton-Km	Passenger-Km	Ton-Km	Passenger-Km	Ton-Km	Passenger-Km	Ton-Km	Passenger-Km	Ton-Km
1994	598,714,750	568,341,015	163,041,736	382,409,163	67,559,446	150,490,998	95,482,290	231,918,165	435,673,014	185,931,852
1995	638,302,138	736,784,358	135,802,273	529,633,677	36,204,529	235,014,135	99,597,744	294,619,542	502,499,865	207,150,681
1996	745,069,367	935,537,043	198,173,637	621,667,355	75,257,660	211,157,514	122,915,977	410,509,841	546,895,730	313,869,688
1997	784,253,245	1,027,372,767	213,591,543	646,573,447	75,972,734	210,621,851	137,618,809	435,951,596	570,661,702	380,799,320
1998	633,730,370	969,595,646	199,642,863	689,456,183	70,060,766	167,786,719	129,582,097	521,669,464	434,087,507	280,139,463
1999	842,507,113	1,189,761,525	299,385,988	855,724,889	106,696,799	211,444,940	192,689,189	644,279,949	543,121,125	334,036,636
2000	1,069,740,669	1,451,579,617	397,867,354	1,066,810,864	142,324,934	263,057,708	255,542,420	803,753,156	671,873,315	384,768,753
2001	956,416,239	1,521,217,461	400,984,917	1,085,969,735	141,742,536	269,525,689	259,242,381	816,444,046	555,431,322	435,247,726
2002	1,024,259,718	1,675,665,213	459,170,128	1,177,386,368	202,522,869	341,625,507	256,647,259	835,760,861	565,089,590	498,278,845
2003	1,155,824,225	1,906,521,927	535,357,393	1,387,231,566	266,859,471	577,834,003	268,497,922	809,397,563	620,466,832	519,290,361
1	81,195,827	148,004,021	47,729,313	106,718,934	26,318,921	27,921,064	21,410,392	78,797,870	33,466,514	41,285,087
2	68,443,881	116,975,071	36,403,542	81,930,204	18,975,704	24,417,256	17,427,838	57,512,948	32,040,339	35,044,867
3	76,672,763	144,744,609	38,572,159	108,280,001	19,509,756	35,329,702	19,062,403	72,950,299	38,100,604	36,464,608
4	88,318,738	146,212,182	30,334,203	107,225,496	13,495,246	34,314,571	16,838,957	72,910,925	57,984,535	38,986,686
5	99,548,001	144,796,604	29,477,766	101,609,566	12,956,294	41,714,104	16,521,472	59,895,462	70,070,235	43,187,038
6	90,612,363	141,566,736	34,482,470	100,114,215	15,022,937	38,244,834	19,459,533	61,869,381	56,129,893	41,452,521
7	118,773,634	153,007,027	50,694,249	106,101,818	26,229,947	43,943,300	24,464,302	62,158,518	68,079,385	46,905,209
8	194,465,641	161,690,981	76,579,568	105,810,706	40,598,864	46,594,493	35,980,704	59,216,213	117,886,073	55,880,275
9	83,426,747	180,696,431	44,782,930	141,197,153	21,231,948	76,729,144	23,550,982	64,468,009	38,643,817	39,499,278
10	94,577,781	223,845,122	48,171,501	177,075,405	23,160,432	100,397,567	25,011,069	76,677,838	46,406,280	46,769,717
11	84,712,906	170,304,091	50,415,924	125,246,397	24,709,695	50,723,936	25,706,229	74,522,461	34,296,982	45,057,694
12	75,075,943	174,679,052	47,713,768	125,921,671	24,649,727	57,504,032	23,064,041	68,417,639	27,362,175	48,757,381

Source: Shipping & Logistics Bureau

3. (4 - 1)

Status of Passenger Ship Route(Liner)

Classification Route	Vessels		()	()	()	()
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
	143	77,752	3,753	334	33,145	10,335,578
	10	14,965	262	1	3,283	952,795
-	2	13,476	169	0	1,398	130,177
-	2	245	36	1	283	180,840
-	2	507	24	0	652	241,645
-	2	567	24	0	574	400,133
-	2	170	9	0	376	0
	19	10,563	693	27	5,218	1,205,980
-	1	6,322	264	0	695	45,694
-	3	906	123	2	967	198,615
-	2	705	66	1	505	44,984
-	1	312	33	0	312	163,643
-	1	309	29	4	375	141,222
-	1	312	15	1	312	39,703
-	1	199	15	0	557	98,964
-	1	430	23	1	316	83,272
-	2	232	18	7	296	64,909
-	1	88	3	1	60	14,919
-	1	54	32	3	95	19,476
-	1	79	31	4	80	7,094
-	1	278	23	2	316	54,054
-	1	319	6	1	290	229,431
-	1	18	12	0	42	0
	1	445	207	0	445	204,924
-	1	445	87	0	445	133,378
-	0	0	120	0	0	71,546
	6	669	66	16	868	503,810
-	1	188	12	4	293	162,189

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Source: Shipping & Logistics Bureau

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(4 - 2)

Status of Passenger Ship Route(Liner)

Classification Route	Vessels		()	()	()	()
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	192	6	3	217	221,225
-	1	53	10	6	50	16,957
-	1	44	7	0	43	12,978
- -가	1	52	4	1	50	19,831
-	1	140	25	2	215	70,630
-	9	1,292	218	17	1,888	444,042
-	2	242	31	4	361	161,977
-	1	104	10	1	296	33,859
-	1	121	42	1	140	20,924
-	1	124	28	4	166	15,353
-	3	617	10	7	784	210,412
-	1	84	97	0	141	1,517
-	60	25,605	1,086	167	11,480	3,920,842
-	1	108	14	4	195	99,847
-	2	293	28	10	202	26,508
-	2	448	22	5	585	260,274
-	3	807	32	9	791	338,284
-	1	216	13	0	47	39,198
-	2	386	33	7	386	140,093
- -가	1	257	20	0	50	39,258
-	1	248	20	2	280	176,280
-	1	70	35	8	54	1,516
-	1	76	29	6	30	4,771
-	1	299	2	1	245	292,459
-	1	137	4	3	120	139,405
-	2	13,678	96	0	1,952	258,373
-	6	2,338	69	8	1,999	480,860
-	1	196	57	12	171	32,917

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Source: Shipping & Logistics Bureau

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(4 - 3)

Status of Passenger Ship Route(Liner)

Classification Route	Vessels		()	()	()	()
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	177	80	5	120	15,938
-	1	101	24	6	94	10,057
-	1	154	33	3	100	19,503
-	1	88	12	1	45	6,276
-	1	74	26	8	50	12,651
-	1	74	26	14	50	0
-	1	247	8	3	200	108,412
-	1	653	67	1	319	0
-	1	266	9	0	295	159,734
-	2	274	4	1	115	175,893
-	4	1,086	13	4	909	319,774
-	4	512	5	5	370	183,654
-	2	496	11	2	485	271,383
-	1	99	15	1	142	56,148
-	2	191	12	2	126	88,743
-	1	86	11	3	42	27,613
-	1	124	17	5	120	23,985
-	1	150	29	5	120	14,527
-	1	88	37	6	93	2,459
-	1	101	17	1	50	4,459
-	1	101	25	8	50	7,785
-	1	90	6	2	67	31,134
-	1	606	65	1	255	48,632
-	1	113	36	3	65	2,039
-	1	97	12	2	91	0
-	14	9,846	465	49	3,914	783,271
-	2	665	57	6	685	185,440
-	1	255	25	3	220	172,414

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Source: Shipping & Logistics Bureau

3. (4 - 4)

Status of Passenger Ship Route(Liner)

Classification Route	Vessels		()	()	()	
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	100	18	4	112	87,350
-	1	24	26	9	64	31,081
-	1	116	29	12	80	66,166
-	1	115	33	7	90	36,794
-	1	4,065	106	0	590	49,583
-	1	258	35	2	112	14,109
-	1	51	18	2	44	678
-	2	419	14	2	931	132,257
-	1	59	32	2	120	5,478
-	1	3,719	70	0	866	1,921
-	2	2,667	203	0	1,201	300,891
-	1	273	86	0	386	10,001
-	1	2,394	117	0	815	290,890
-	18	6,108	389	54	3,113	1,644,310
-	1	100	17	1	164	372
-	2	626	10	0	402	256,778
-	1	176	8	0	174	96,526
-	1	821	8	0	250	326,632
-	1	194	5	2	211	201,474
-	1	88	19	7	127	94,407
-	1	275	18	0	195	172,208
-	1	49	20	12	76	35,494
-	1	55	46	10	84	12,338
-	1	55	45	10	84	3,666
가 -	2	243	6	2	269	218,038
-	1	57	18	3	115	9,691
-	1	37	15	7	71	19,425
-	2	350	11	0	299	59,238

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Source: Shipping & Logistics Bureau

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(4 - 5)

Status of Passenger Ship Route(Liner)

Classification Route	Vessels		()	()	()	()
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	2,982	117	0	592	138,023
-	0	0	22	0	0	0
	0	0	0	0	0	0
	4	5,592	162	3	1,735	374,713
-	2	5,214	56	0	1,335	277,523
-	1	342	96	2	309	65,666
-	1	36	10	1	91	31,524

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Source: Shipping & Logistics Bureau

4. ()
Subsidized Remote Island Route(Total)

Year &Month	Classifi- -cation	Vessel's Tonnage	Number of Voyage	() Number of passenger	() Full number of passenger	R/T of Carriage
1994		61,723	39,699	1,359,001	3,665,716	42,914
1995		48,352	34,457	1,186,305	3,089,005	26,963
1996		43,385	31,304	1,038,572	2,965,994	26,282
1997		31,908	25,008	547,343	1,864,771	11,681
1998		55,688	29,518	374,035	1,668,396	19,562
1999		22,707	44,042	623,358	1,644,713	10,804
2000		22,507	24,513	325,008	1,741,501	8,337
2001		25,018	25,789	353,695	1,839,848	15,276
2002		25,230	25,800	340,480	1,833,777	19,789
2003		27,038	28,839	368,759	1,851,228	29,512
1		2,090	1,928	23,514	141,989	1,864
2		2,269	2,108	25,314	162,506	1,898
3		2,381	2,246	21,920	160,655	1,636
4		2,433	2,546	25,612	172,398	2,084
5		2,256	2,643	30,560	166,232	2,379
6		2,248	2,271	30,688	165,682	2,474
7		2,134	2,709	36,979	176,148	2,932
8		2,161	2,721	64,528	219,105	4,068
9		2,153	2,652	33,183	2,184	2,759
10		2,144	2,435	31,356	178,460	2,517
11		2,442	2,502	23,375	162,834	2,544
12		2,327	2,078	21,730	143,035	2,357

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Source: Shipping & Logistics Bureau

5 . (2 - 1)
Subsidized Remote Island Route (Route)

Classification Route	Name of Vessels	Vessels Tonnage	() Distance of Voyage D(mile)	() Amount of Subsidy (1,000won)	() Number of Passenger
	30	2,417	768.4	6,240	373,885
	3	221	66.0	668	41,489
-		79	31.0	365	7,094
-	3	54	32.0	148	19,476
-		88	3.0	155	14,919
	4	182	22.2	692	49,766
-	20	44	7.5	116	12,978
-		53	10.5	175	16,957
-가		52	4.2	141	19,831
	22	33	.0	260	0
	4	438	80.0	1,122	70,136
-		104	10.0	245	33,859
-		124	28.0	439	15,353
-		121	42.0	132	20,924
		89	.0	306	0
	12	1,271	490.4	2,907	109,369
-	8	70	35.4	169	1,516
-	11	76	29.6	188	4,771
-	6 , 7	150	74.0	549	12,651
-	10	88	12.8	227	6,276
-	2	74	26.2	245	5,126
-	6	177	80.5	245	15,938
- -	3	124	124.0	180	23,985
-	5	101	24.3	216	10,057
-	2	88	37.3	182	2,459
- ,	1	101	17.0	240	12,063

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(2 - 2)

Subsidized Remote Island Route (Route)

Classification Route	Name of Vessels	Vessels Tonnage	() Distance of Voyage D(mile)	() Amount of Subsidy (1,000won)	() Number of Passenger
-	5	150	29.3	221	14,527
	3	72	.0	245	0
	1	51	18.0	170	678
-		51	18.0	170	678
	4	218	81.8	519	70,923
-		37	15.2	117	19,425
-,	가	55	46.4	157	16,004
-		49	20.2	95	35,494
		77	.0	150	0
	1	36	10.0	162	31,524
-		36	10.0	162	31,524

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Cargo Transportation

Year & Month	Grand Total	Coastal				Total
			Sub-Total	Import	Export	
1994	471,122,028	117,693,865	353,428,163	277,334,081	76,094,082	204,522,912
1995	533,535,414	129,111,889	404,423,525	316,010,487	88,413,038	210,634,547
1996	582,067,798	140,947,542	441,120,256	342,227,091	98,893,165	265,285,074
1997	632,076,091	147,045,854	485,030,237	370,195,747	114,834,490	311,269,560
1998	589,930,794	115,178,828	474,751,966	333,431,882	141,320,084	283,958,616
1999	655,876,090	123,692,958	532,183,132	384,878,697	147,304,435	286,003,186
2000	704,066,789	134,467,386	569,599,403	418,821,483	150,777,920	282,973,347
2001	751,454,398	140,544,327	610,910,071	433,344,669	177,565,402	320,381,500
2002	800,016,201	141,705,985	658,310,216	477,077,769	181,232,447	123,532,260
2003	818,654,578	145,326,809	673,327,769	474,532,599	198,795,170	119,077,131
1	69,625,018	11,500,505	58,124,513	43,328,349	14,796,164	10,126,910
2	61,812,960	10,903,514	50,909,446	37,104,304	13,805,142	9,908,319
3	70,257,534	12,850,467	57,407,067	41,278,044	16,129,023	10,592,302
4	68,251,310	12,297,286	55,954,024	39,518,750	16,435,274	9,265,606
5	66,540,151	12,114,767	54,425,384	38,101,497	16,323,887	10,146,934
6	68,479,487	12,510,931	55,968,556	39,545,162	16,423,394	10,860,142
7	67,774,107	12,268,485	55,505,622	38,587,425	16,918,197	10,543,810
8	63,631,055	12,016,756	51,614,299	35,983,190	15,631,109	9,217,119
9	64,341,008	10,961,845	53,379,163	37,100,800	16,278,363	9,261,686
10	72,985,050	13,075,125	59,909,925	40,273,059	19,636,866	9,444,236
11	69,494,002	12,444,455	57,049,547	38,780,602	18,268,945	9,883,342
12	75,462,896	12,382,673	63,080,223	44,931,417	18,148,806	9,826,725

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()
(Total)

Unit: Ton

Import & Export						
Korean Flag				Foreign Flag		
B.O.C	Sub-Total	Import	Export	Sub-Total	Import	Export
110,745,301	93,777,611	76,164,206	17,613,405	259,650,552	201,169,875	58,480,677
115,498,900	95,135,647	77,347,577	17,788,070	309,287,878	238,662,910	70,624,968
167,113,673	98,171,401	78,782,731	19,388,670	342,948,855	263,444,360	79,504,495
222,431,750	88,837,810	68,266,528	20,571,282	396,192,427	301,929,219	94,263,208
180,203,246	103,755,370	75,631,921	28,123,449	370,996,596	257,799,961	113,196,635
188,795,317	97,207,869	73,887,948	23,319,921	434,975,263	310,990,749	123,984,514
181,639,806	101,333,541	76,259,375	25,074,166	468,265,862	342,562,108	125,703,754
207,837,064	112,544,436	82,656,049	29,888,387	498,365,635	350,688,620	147,677,015
0	123,532,260	93,250,427	30,281,833	534,777,956	383,827,342	150,950,614
0	119,077,131	87,905,127	31,172,004	554,250,638	386,627,472	167,623,166
0	10,126,910	7,667,179	2,459,731	47,997,603	35,661,170	12,336,433
0	9,908,319	7,705,101	2,203,218	41,001,127	29,399,203	11,601,924
0	10,592,302	8,123,005	2,469,297	46,814,765	33,155,039	13,659,726
0	9,265,606	6,742,227	2,523,379	46,688,418	32,776,523	13,911,895
0	10,146,934	7,598,078	2,548,856	44,278,450	30,503,419	13,775,031
0	10,860,142	8,146,237	2,713,905	45,108,414	31,398,925	13,709,489
0	10,543,810	7,865,943	2,677,867	44,961,812	30,721,482	14,240,330
0	9,217,119	6,773,157	2,443,962	42,397,180	29,210,033	13,187,147
0	9,261,686	6,742,760	2,518,926	44,117,477	30,358,040	13,759,437
0	9,444,236	6,690,903	2,753,333	50,465,689	33,582,156	16,883,533
0	9,883,342	6,915,358	2,967,984	47,166,205	31,865,244	15,300,961
0	9,826,725	6,935,179	2,891,546	53,253,498	37,996,238	15,257,260

Note: 1. Coastal passenger vessel cargo is included in coastal and international ferry cargo is included in import and export cargo
 2. Cross-Trade cargo is not included in the grand total
 3. Coastal cargo is counted by entry

Source: Shipping & Logistics Bureau

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(6-1)

Year & Month	Items Ocean-Going & Coastal	가							
		Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
1994		76,164,206	2,386,625	3,104,684	4,043,839	114,421	291,308	103,307	1,340,452
		201,169,875	8,136,613	54,262,004	34,761,648	16,831,717	239,596	557,347	960,489
		277,334,081	10,523,238	57,366,688	38,805,487	16,946,138	530,904	660,654	2,300,941
		116,313,423	88,274	5,005,589	33,886,460	5,736,652	6,542	165,112	13,625,202
		393,647,504	10,611,512	62,372,277	72,691,947	22,682,790	537,446	825,766	15,926,143
1995		77,347,577	2,385,954	6,940,425	3,434,815	239,365	193,357	118,202	888,579
		238,662,910	10,196,083	74,030,966	28,892,228	17,290,988	350,066	789,198	1,262,799
		316,010,487	12,582,037	80,971,391	32,327,043	17,530,353	543,423	907,400	2,151,378
		127,558,112	90,315	10,481,658	37,078,685	6,665,774	36,510	152,926	15,536,674
		443,568,599	12,672,352	91,453,049	69,405,728	24,196,127	579,933	1,060,326	17,688,052
1996		78,782,731	2,185,485	12,050,609	786,756	1,571,623	179,924	43,327	1,301,479
		263,444,360	9,973,379	82,189,498	25,755,829	23,000,868	346,346	824,760	2,344,979
		342,227,091	12,158,864	94,240,107	26,542,585	24,572,491	526,270	868,087	3,646,458
		138,806,629	74,959	10,486,392	41,962,410	4,639,913	1,141,636	158,203	16,884,494
		481,033,720	12,233,823	104,726,499	68,504,995	29,212,404	1,667,906	1,026,290	20,530,952
1997		68,266,528	1,906,148	14,293,244	438,555	340,631	124,750	19,131	546,823
		301,929,219	9,719,632	105,745,787	16,490,123	30,616,972	395,019	899,445	2,389,751
		370,195,747	11,625,780	120,039,031	16,928,678	30,957,603	519,769	918,576	2,936,574
		144,573,796	64,559	9,249,405	42,630,367	4,130,151	1,394,241	106,134	18,851,767
		514,769,543	11,690,339	129,288,436	59,559,045	35,087,754	1,914,010	1,024,710	21,788,341
1998		75,631,921	1,705,514	13,451,391	453,315	138,014	96,653	120,629	9,025
		257,799,961	9,314,017	99,559,445	18,831,938	27,125,917	345,225	599,919	187,146
		333,431,882	11,019,531	113,010,836	19,285,253	27,263,931	441,878	720,548	196,171
		113,129,008	46,739	3,089,176	30,996,763	3,722,864	1,326,947	121,295	15,322,143
		446,560,890	11,066,270	116,100,012	50,282,016	30,986,795	1,768,825	841,843	15,518,314
1999		73,887,948	1,384,895	12,184,635	850,854	301,941	183,683	90,974	204,082
		310,990,749	10,967,820	107,251,380	21,131,673	33,131,217	432,466	991,448	385,151
		384,878,697	12,352,715	119,436,015	21,982,527	33,433,158	616,149	1,082,422	589,233
		121,423,544	60,604	6,463,522	31,801,660	3,763,958	1,368,177	194,574	14,880,997
		506,302,241	12,413,319	125,899,537	53,784,187	37,197,116	1,984,326	1,276,996	15,470,230
2000		76,259,375	1,753,841	8,559,903	1,243,340	542,861	139,698	120,773	389,300
		342,562,108	9,584,161	108,823,443	28,230,075	35,615,485	379,248	998,842	323,632
		418,821,483	11,338,002	117,383,346	29,473,415	36,158,346	518,946	1,119,615	712,932
		131,989,895	24,174	8,861,972	33,512,538	2,796,796	1,427,795	368,797	15,665,338
		550,811,378	11,362,176	126,245,318	62,985,953	38,955,142	1,946,741	1,488,412	16,378,270

Cargo Transportation (Port / Goods)

Total (Arrival 6-1)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks
44,140	21,187,923	1,329,950	557,781	919,774	307	168,763	310,781
1,649,895	15,538,429	5,235,244	4,259,212	7,961,125	264,878	1,304,457	962,859
1,694,035	36,726,352	6,565,194	4,816,993	8,880,899	265,185	1,473,220	1,273,640
565,527	19,881	892	26,677	7,745,669	31,469,629	432,383	405
2,259,562	36,746,233	6,566,086	4,843,670	16,626,568	31,734,814	1,905,603	1,274,045
97,773	17,702,835	1,564,635	487,465	1,064,485	6,759	101,088	417,103
1,923,235	22,672,097	5,260,938	5,058,532	8,670,311	513,923	1,710,670	1,445,711
2,021,008	40,374,932	6,825,573	5,545,997	9,734,796	520,682	1,811,758	1,862,814
401,866	0	17	24,932	8,735,777	32,358,661	627,156	1,252
2,422,874	40,374,932	6,825,590	5,570,929	18,470,573	32,879,343	2,438,914	1,864,066
217,155	17,521,118	1,534,286	478,263	878,862	28,004	92,160	403,265
1,039,613	27,175,543	5,581,161	4,866,281	8,737,077	511,034	2,372,586	876,999
1,256,768	44,696,661	7,115,447	5,344,544	9,615,939	539,038	2,464,746	1,280,264
205,833	6,320	0	125,809	8,270,251	38,185,977	765,188	2,627
1,462,601	44,702,981	7,115,447	5,470,353	17,886,190	38,725,015	3,229,934	1,282,891
449,974	13,429,187	1,178,096	346,912	638,842	8,172	134,237	468,273
980,912	35,043,080	6,187,105	4,877,408	9,353,117	625,458	2,397,359	909,724
1,430,886	48,472,267	7,365,201	5,224,320	9,991,959	633,630	2,531,596	1,377,997
65,343	3,747	0	217,646	9,362,895	42,042,407	512,438	1,319
1,496,229	48,476,014	7,365,201	5,441,966	19,354,854	42,676,037	3,044,034	1,379,316
205,959	20,484,290	541,749	539,449	590,870	17,030	346,245	367,121
721,578	29,870,697	2,966,724	2,698,621	8,916,376	284,286	2,910,215	661,170
927,537	50,354,987	3,508,473	3,238,070	9,507,246	301,316	3,256,460	1,028,291
67,388	828,255	1,094	43,753	8,710,162	30,927,322	547,937	220
994,925	51,183,242	3,509,567	3,281,823	18,217,408	31,228,638	3,804,397	1,028,511
211,061	19,462,446	748,559	480,216	625,737	23,661	371,236	342,399
1,046,005	31,770,451	5,246,589	3,989,727	10,629,810	192,563	3,082,102	1,214,542
1,257,066	51,232,897	5,995,148	4,469,943	11,255,547	216,224	3,453,338	1,556,941
96,897	1,478,709	0	42,903	9,737,609	31,366,752	337,269	397
1,353,963	52,711,606	5,995,148	4,512,846	20,993,156	31,582,976	3,790,607	1,557,338
133,560	22,344,214	539,895	449,641	751,658	35,145	475,737	351,141
1,507,498	38,143,116	5,810,551	3,955,217	10,992,727	291,788	3,740,272	1,010,239
1,641,058	60,487,330	6,350,446	4,404,858	11,744,385	326,933	4,216,009	1,361,380
70,183	1,561,289	80	169,090	10,078,462	37,398,603	358,050	60
1,711,241	62,048,619	6,350,526	4,573,948	21,822,847	37,725,536	4,574,059	1,361,440

Source: Shipping & Logistics Bureau

(6-2)

Year & Month	Items Ocean-Going & Coastal	가							
		Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
2001		82,656,049	1,925,507	10,999,369	1,344,452	758,523	95,922	93,746	385,707
		350,688,620	9,318,418	104,806,244	28,615,225	36,940,263	1,016,185	981,139	691,695
		433,344,669	11,243,925	115,805,613	29,959,677	37,698,786	1,112,107	1,074,885	1,077,402
		137,731,316	19,128	6,145,527	32,942,268	1,943,350	1,263,260	393,077	16,984,864
		571,075,985	11,263,053	121,951,140	62,901,945	39,642,136	2,375,367	1,467,962	18,062,266
2002		93,250,427	1,838,791	11,124,675	1,596,195	214,060	133,834	258,325	413,447
		383,827,342	9,684,424	94,880,334	31,372,810	38,963,312	1,063,742	1,056,829	902,398
		477,077,769	11,523,215	106,005,009	32,969,005	39,177,372	1,197,576	1,315,154	1,315,845
		138,477,578	439,861	3,281,485	30,437,874	1,803,959	1,164,380	516,134	18,056,660
		615,555,347	11,963,076	109,286,494	63,406,879	40,981,331	2,361,956	1,831,288	19,372,505
2003		87,905,127	1,249,749	8,239,845	1,484,544	251,847	77,643	192,817	411,165
		386,627,472	8,988,433	100,930,847	28,222,955	37,254,377	1,261,492	1,379,350	1,454,977
		474,532,599	10,238,182	109,170,692	29,707,499	37,506,224	1,339,135	1,572,167	1,866,142
		141,793,611	437,974	3,428,567	32,279,125	2,013,955	1,182,346	576,574	18,961,313
		616,326,210	10,676,156	112,599,259	61,986,624	39,520,179	2,521,481	2,148,741	20,827,455
1		7,667,179	148,092	928,852	117,534	10,869	6,038	19,306	25,235
		35,661,170	669,621	8,928,058	3,619,234	4,295,842	168,480	74,650	36,578
		43,328,349	817,713	9,856,910	3,736,768	4,306,711	174,518	93,956	61,813
		11,248,030	42,222	508,891	3,038,556	179,607	97,855	24,695	1,227,278
		54,576,379	859,935	10,365,801	6,775,324	4,486,318	272,373	118,651	1,289,091
2		7,705,101	67,128	931,848	153,965	7,941	2,076	1,123	14,620
		29,399,203	851,915	8,493,832	2,170,170	3,453,176	136,333	176,929	70,181
		37,104,304	919,043	9,425,680	2,324,135	3,461,117	138,409	178,052	84,801
		10,652,618	97	155,940	2,767,460	163,610	83,950	23,261	1,143,448
		47,756,922	919,140	9,581,620	5,091,595	3,624,727	222,359	201,313	1,228,249
3		8,123,005	92,750	511,779	181,201	13,963	3,815	15,363	41,200
		33,155,039	620,936	8,607,038	1,913,455	3,711,023	155,721	168,268	103,595
		41,278,044	713,686	9,118,817	2,094,656	3,724,986	159,536	183,631	144,795
		12,604,452	206	261,240	2,766,132	178,540	98,365	34,835	1,711,125
		53,882,496	713,892	9,380,057	4,860,788	3,903,526	257,901	218,466	1,855,920
4		6,742,227	118,302	647,688	118,203	12,621	14	27,303	38,451
		32,776,523	883,342	8,870,901	2,131,321	3,064,335	124,295	188,948	92,937
		39,518,750	1,001,644	9,518,589	2,249,524	3,076,956	124,309	216,251	131,388
		12,032,089	0	282,427	2,265,559	196,307	97,537	27,906	1,754,475
		51,550,839	1,001,644	9,801,016	4,515,083	3,273,263	221,846	244,157	1,885,863

Total (Arrival 6-2)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks
341,330	25,669,585	442,668	584,447	668,187	61,221	518,150	387,617
1,219,742	38,299,451	6,137,674	4,987,412	10,977,072	449,179	3,875,116	1,450,835
1,561,072	63,969,036	6,580,342	5,571,859	11,645,259	510,400	4,393,266	1,838,452
15,301	1,428,684	0	881	11,209,358	43,771,809	352,424	85
1,576,373	65,397,720	6,580,342	5,572,740	22,854,617	44,282,209	4,745,690	1,838,537
2,832,360	28,416,420	398,582	902,596	868,291	46,812	1,112,314	322,677
3,430,230	35,373,691	6,456,292	5,955,968	13,224,769	506,627	5,060,923	10,896,230
6,262,590	63,790,111	6,854,874	6,858,564	14,093,060	553,439	6,173,237	11,218,907
6,293	1,249,950	0	32,637	10,862,702	48,782,782	279,027	1,811
6,268,883	65,040,061	6,854,874	6,891,201	24,955,762	49,336,221	6,452,264	11,220,718
4,416,796	24,537,424	183,876	607,573	1,162,480	118,445	786,237	218,331
7,161,262	35,978,143	6,036,165	5,774,050	13,076,697	688,654	7,531,634	1,462,994
11,578,058	60,515,567	6,220,041	6,381,623	14,239,177	807,099	8,317,871	1,681,325
7,772	217,927	0	4,983	10,655,194	47,646,671	443,762	380
11,585,830	60,733,494	6,220,041	6,386,606	24,894,371	48,453,770	8,761,633	1,681,705
269,662	2,607,780	22,243	50,576	69,296	5,000	94,318	18,018
939,987	3,057,714	450,287	488,346	863,235	25,840	600,548	103,797
1,209,649	5,665,494	472,530	538,922	932,531	30,840	694,866	121,815
0	13,322	0	229	941,661	3,317,986	36,960	0
1,209,649	5,678,816	472,530	539,151	1,874,192	3,348,826	731,826	121,815
443,797	2,451,074	34,682	39,773	84,056	16,198	56,793	10,756
783,401	2,070,924	351,285	538,647	893,020	123,610	395,282	126,306
1,227,198	4,521,998	385,967	578,420	977,076	139,808	452,075	137,062
0	0	0	0	814,761	3,600,976	41,227	0
1,227,198	4,521,998	385,967	578,420	1,791,837	3,740,784	493,302	137,062
371,071	2,443,789	27,528	75,977	81,450	6,120	75,914	16,336
750,335	3,043,700	575,952	493,000	1,268,795	70,011	678,405	137,967
1,121,406	5,487,489	603,480	568,977	1,350,245	76,131	754,319	154,303
190	9,168	0	518	971,787	4,530,091	48,503	0
1,121,596	5,496,657	603,480	569,495	2,322,032	4,606,222	802,822	154,303
666,506	1,531,646	10,085	57,817	45,089	11,235	64,687	15,051
472,476	3,160,792	568,174	567,914	1,309,609	41,392	578,423	143,050
1,138,982	4,692,438	578,259	625,731	1,354,698	52,627	643,110	158,101
0	0	0	3,431	962,615	4,394,817	44,351	189
1,138,982	4,692,438	578,259	629,162	2,317,313	4,447,444	687,461	158,290

Source: Shipping & Logistics Bureau

(6-3)

Year & Month	Items Ocean-Going &Coastal	가							
		Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
5		7,598,078	62,483	538,697	162,088	17,512	7,753	32,603	49,549
		30,503,419	792,293	7,856,697	2,147,054	2,844,046	28,018	127,774	94,009
		38,101,497	854,776	8,395,394	2,309,142	2,861,558	35,771	160,377	143,558
		11,819,762	0	280,544	2,387,979	193,214	100,173	45,391	1,688,784
		49,921,259	854,776	8,675,938	4,697,121	3,054,772	135,944	205,768	1,832,342
6		8,146,237	107,087	653,146	167,694	12,077	16,478	17,651	46,180
		31,398,925	601,901	8,863,538	2,087,868	3,057,008	132,652	130,737	130,194
		39,545,162	708,988	9,516,684	2,255,562	3,069,085	149,130	148,388	176,374
		12,224,195	61	116,337	2,609,843	191,943	103,704	145,460	1,709,705
		51,769,357	709,049	9,633,021	4,865,405	3,261,028	252,834	293,848	1,886,079
7		7,865,943	57,199	1,222,883	103,052	83,307	9,525	7,137	31,046
		30,721,482	695,327	8,021,887	2,392,740	2,115,453	159,259	66,910	89,089
		38,587,425	752,526	9,244,770	2,495,792	2,198,760	168,784	74,047	120,135
		11,925,619	47,259	398,028	2,399,685	157,891	106,546	77,875	1,567,560
		50,513,044	799,785	9,642,798	4,895,477	2,356,651	275,330	151,922	1,687,695
8		6,773,157	141,156	559,113	97,032	8,604	16,614	13,676	31,022
		29,210,033	594,956	6,535,914	2,911,025	2,209,378	123,730	37,926	96,414
		35,983,190	736,112	7,095,027	3,008,057	2,217,982	140,344	51,602	127,436
		11,547,863	86,368	251,597	2,632,779	149,893	98,825	22,590	1,552,022
		47,531,053	822,480	7,346,624	5,640,836	2,367,875	239,169	74,192	1,679,458
9		6,742,760	106,282	578,015	100,712	30,270	0	32,850	16,745
		30,358,040	678,875	7,744,218	2,241,615	2,657,167	81,050	90,523	117,759
		37,100,800	785,157	8,322,233	2,342,327	2,687,437	81,050	123,373	134,504
		10,660,084	89,450	383,952	2,486,550	157,408	97,809	24,585	1,361,902
		47,760,884	874,607	8,706,185	4,828,877	2,844,845	178,859	147,958	1,496,406
10		6,690,903	106,265	833,262	83,444	10,245	2,940	9,463	45,229
		33,582,156	657,208	8,441,246	2,101,177	2,411,726	76,859	85,294	213,025
		40,273,059	763,473	9,274,508	2,184,621	2,421,971	79,799	94,757	258,254
		12,807,705	69,235	137,557	3,070,151	156,367	103,295	19,761	1,894,042
		53,080,764	832,708	9,412,065	5,254,772	2,578,338	183,094	114,518	2,152,296
11		6,915,358	96,777	278,916	63,831	15,119	5,659	4,316	32,000
		31,865,244	755,141	9,153,037	1,802,291	3,352,094	34,265	92,277	200,680
		38,780,602	851,918	9,431,953	1,866,122	3,367,213	39,924	96,593	232,680
		12,162,771	75,924	318,727	2,761,761	138,293	97,614	108,475	1,678,898
		50,943,373	927,842	9,750,680	4,627,883	3,505,506	137,538	205,068	1,911,578
12		6,935,179	146,228	555,646	135,788	29,319	6,731	12,026	39,888
		37,996,238	1,186,918	9,414,481	2,705,005	4,083,129	40,830	139,114	210,516
		44,931,417	1,333,146	9,970,127	2,840,793	4,112,448	47,561	151,140	250,404
		12,108,423	27,152	333,327	3,092,670	150,882	96,673	21,740	1,672,074
		57,039,840	1,360,298	10,303,454	5,933,463	4,263,330	144,234	172,880	1,922,478

Total (Arrival 6-3)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks
319,430	2,231,036	7,273	48,432	69,358	6,000	48,885	18,299
941,299	2,473,840	572,136	453,382	953,721	60,849	627,800	116,570
1,260,729	4,704,876	579,409	501,814	1,023,079	66,849	676,685	134,869
0	0	0	0	850,544	4,212,485	62,368	0
1,260,729	4,704,876	579,409	501,814	1,873,623	4,279,334	739,053	134,869
501,107	2,429,270	0	44,902	125,978	8,642	81,225	15,634
551,941	2,324,073	492,470	535,679	960,807	30,090	681,432	107,053
1,053,048	4,753,343	492,470	580,581	1,086,785	38,732	762,657	122,687
0	0	0	108	823,561	4,435,301	34,268	0
1,053,048	4,753,343	492,470	580,689	1,910,346	4,474,033	796,925	122,687
454,855	2,393,904	9,816	48,146	108,632	11,900	41,100	12,939
321,416	2,874,389	505,837	421,729	1,323,887	54,392	563,556	104,092
776,271	5,268,293	515,653	469,875	1,432,519	66,292	604,656	117,031
0	26,973	0	200	898,813	4,244,278	28,820	50
776,271	5,295,266	515,653	470,075	2,331,332	4,310,570	633,476	117,081
97,317	1,990,630	21,974	48,068	109,267	0	62,292	37,756
539,109	2,303,985	501,335	412,818	1,144,449	81,412	670,437	112,772
636,426	4,294,615	523,309	460,886	1,253,716	81,412	732,729	150,528
0	34,634	0	0	949,208	3,773,712	27,446	0
636,426	4,329,249	523,309	460,886	2,202,924	3,855,124	760,175	150,528
714,886	1,828,030	1,504	40,398	257,882	18,350	64,941	16,163
715,734	2,837,898	351,356	406,692	1,138,450	60,539	623,257	137,480
1,430,620	4,665,928	352,860	447,090	1,396,332	78,889	688,198	153,643
3,131	21,211	0	0	824,881	3,225,239	22,691	60
1,433,751	4,687,139	352,860	447,090	2,221,213	3,304,128	710,889	153,703
36,868	1,696,855	5,797	40,715	34,477	17,150	66,338	13,992
775,215	3,976,137	468,541	496,319	1,222,471	51,970	748,808	142,077
812,083	5,672,992	474,338	537,034	1,256,948	69,120	815,146	156,069
1,975	0	0	300	918,626	4,242,588	28,694	30
814,058	5,672,992	474,338	537,334	2,175,574	4,311,708	843,840	156,099
429,170	1,748,113	24,431	56,552	50,545	11,500	55,220	29,760
241,006	3,236,966	509,408	489,365	1,038,616	40,623	519,414	112,406
670,176	4,985,079	533,839	545,917	1,089,161	52,123	574,634	142,166
2,476	55,938	0	0	816,370	3,989,545	25,753	0
672,652	5,041,017	533,839	545,917	1,905,531	4,041,668	600,387	142,166
112,127	1,185,297	18,543	56,217	126,450	6,350	74,524	13,627
129,343	4,617,725	689,384	470,159	959,637	47,926	844,272	119,424
241,470	5,803,022	707,927	526,376	1,086,087	54,276	918,796	133,051
0	56,681	0	197	882,367	3,679,653	42,681	51
241,470	5,859,703	707,927	526,573	1,968,454	3,733,929	961,477	133,102

Source: Shipping & Logistics Bureau

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(6-4)

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
1994		28,188,337	440,943	1,242,779	593,940	220,347	8,690	170,011	1,906,119
		5,723,845	1,955,724	1,082,472	630,913	707,016	217,761	3,776,104	9,719,425
		33,912,182	2,396,667	2,325,251	1,224,853	927,363	226,451	3,946,115	11,625,544
		112,996	18,180	163,270	11,926	447,001	660	62,610	5,864,103
		34,025,178	2,414,847	2,488,521	1,236,779	1,374,364	227,111	4,008,725	17,489,647
1995		29,185,823	486,684	1,596,238	458,145	297,065	2,256	160,849	1,925,804
		6,125,571	1,870,011	1,681,207	875,614	899,313	347,914	3,438,169	12,475,611
		35,311,394	2,356,695	3,277,445	1,333,759	1,196,378	350,170	3,599,018	14,401,415
		133,104	680	171,273	25,956	414,290	116	85,992	7,677,334
		35,444,498	2,357,375	3,448,718	1,359,715	1,610,668	350,286	3,685,010	22,078,749
1996		25,718,838	352,320	1,647,261	529,853	188,852	9,954	325,000	2,235,743
		10,833,068	1,584,345	1,443,444	1,130,344	692,923	647,680	3,367,186	13,290,123
		36,551,906	1,936,665	3,090,705	1,660,197	881,775	657,634	3,692,186	15,525,866
		256,534	3,417	251,534	169,159	423,649	2,397	7,524	6,750,459
		36,808,440	1,940,082	3,342,239	1,829,356	1,305,424	660,031	3,699,710	22,276,325
1997		19,026,042	390,506	1,743,424	488,354	380,872	6,402	287,812	2,383,884
		15,933,820	1,807,260	1,055,299	1,098,710	566,171	679,119	6,394,137	11,930,293
		34,959,862	2,197,766	2,798,723	1,587,064	947,043	685,521	6,681,949	14,314,177
		240,607	22,874	264,400	101,681	529,674	45	61,047	7,476,324
		35,200,469	2,220,640	3,063,123	1,688,745	1,476,717	685,566	6,742,996	21,790,501
1998		23,686,253	446,715	1,339,480	442,481	197,932	35,880	606,174	951,445
		10,869,598	1,216,398	990,303	505,184	198,286	330,988	5,168,488	5,062,214
		34,555,851	1,663,113	2,329,783	947,665	396,218	366,868	5,774,662	6,013,659
		127,460	6,884	254,346	14,029	225,885	240	128,857	8,677,675
		34,683,311	1,669,997	2,584,129	961,694	622,103	367,108	5,903,519	14,691,334
1999		20,479,205	555,675	1,425,494	434,469	161,375	66,034	753,191	2,811,167
		16,752,104	1,786,025	1,736,530	917,748	270,898	597,065	6,521,550	9,185,850
		37,231,309	2,341,700	3,162,024	1,352,217	432,273	663,099	7,274,741	11,997,017
		96,068	31,464	233,005	16,673	53,140	0	110,389	9,693,268
		37,327,377	2,373,164	3,395,029	1,368,890	485,413	663,099	7,385,130	21,690,285
2000		19,270,100	374,956	1,276,276	366,624	118,072	23,141	502,915	4,969,650
		19,996,111	1,812,522	1,807,704	1,130,933	404,389	639,950	5,036,587	10,221,478
		39,266,211	2,187,478	3,083,980	1,497,557	522,461	663,091	5,539,502	15,191,128
		26,662	5,355	171,690	16,912	75,863	130	62,713	10,209,199
		39,292,873	2,192,833	3,255,670	1,514,469	598,324	663,221	5,602,215	25,400,327

Cargo Transportation (Port / Goods)

Total (Arrival 6-4)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
30,865	72,499	490,052	395,322	1,458,180	276,611	179,321	3,232,218	1,353,917
181,838	691,023	3,697,527	1,348,534	6,702,709	940,859	301,573	5,033,028	5,534,011
212,703	763,522	4,187,579	1,743,856	8,160,889	1,217,470	480,894	8,265,246	6,887,928
0	312,624	495,885	0	7,868,311	77,258	0	47,514	2,056,191
212,703	1,076,146	4,683,464	1,743,856	16,029,200	1,294,728	480,894	8,312,760	8,944,119
31,902	16,858	253,272	229,988	1,644,157	360,300	83,408	3,176,922	1,795,066
191,141	509,068	3,940,390	1,585,788	9,753,871	1,255,184	299,400	6,323,341	7,023,572
223,043	525,926	4,193,662	1,815,776	11,398,028	1,615,484	382,808	9,500,263	8,818,638
12,000	212,701	403,949	0	3,496,089	55,125	29	64,255	2,613,016
235,043	738,627	4,597,611	1,815,776	14,894,117	1,670,609	382,837	9,564,518	11,431,654
30,919	11,834	305,188	84,095	1,449,450	420,274	80,633	3,393,392	2,726,809
226,449	336,246	5,490,237	2,005,700	9,911,235	1,050,918	277,585	7,659,530	7,901,394
257,368	348,080	5,795,425	2,089,795	11,360,685	1,471,192	358,218	11,052,922	10,628,203
400	3,162	398,751	1,000	2,925,296	303,272	0	225,504	4,174,559
257,768	351,242	6,194,176	2,090,795	14,285,981	1,774,464	358,218	11,278,426	14,802,762
37,368	30,182	417,695	156,169	1,653,448	343,989	80,890	3,493,021	3,023,495
228,633	572,699	4,807,094	2,090,076	9,735,878	879,163	446,419	7,134,978	9,938,578
266,001	602,881	5,224,789	2,246,245	11,389,326	1,223,152	527,309	10,627,999	12,962,073
0	5,402	575,923	1,137	2,385,962	74,501	0	30,779	4,171,021
266,001	608,283	5,800,712	2,247,382	13,775,288	1,297,653	527,309	10,658,778	17,133,094
107,123	62,646	591,283	192,316	1,717,625	230,427	134,828	2,692,927	3,129,132
79,223	210,969	3,321,950	1,906,243	7,894,942	668,020	174,193	5,595,249	8,614,439
186,346	273,615	3,913,233	2,098,559	9,612,567	898,447	309,021	8,288,176	11,743,571
0	10,900	532,681	0	2,185,007	465,474	10,598	15,638	4,721,276
186,346	284,515	4,445,914	2,098,559	11,797,574	1,363,921	319,619	8,303,814	16,464,847
111,910	53,364	396,801	410,246	1,282,989	239,163	52,545	3,683,363	3,504,578
152,600	206,808	3,982,782	1,553,075	9,736,486	1,025,150	307,732	10,903,275	13,892,127
264,510	260,172	4,379,583	1,963,321	11,019,475	1,264,313	360,277	14,586,638	17,396,705
0	0	534,459	0	3,230,309	391,125	260	60,867	5,378,489
264,510	260,172	4,914,042	1,963,321	14,249,784	1,655,438	360,537	14,647,505	22,775,194
22,762	40,815	261,278	266,864	1,285,909	320,647	16,286	5,229,679	4,082,694
184,898	207,701	5,048,600	1,447,158	8,991,482	1,006,421	355,576	15,096,037	19,768,267
207,660	248,516	5,309,878	1,714,022	10,277,391	1,327,068	371,862	20,325,716	23,850,961
2,654	1,469	458,497	0	3,098,798	107,210	0	64,054	5,395,462
210,314	249,985	5,768,375	1,714,022	13,376,189	1,434,278	371,862	20,389,770	29,246,423

Source: Shipping & Logistics Bureau

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
2001		20,052,224	359,751	1,946,168	236,378	138,677	10,992	701,399	4,607,285
		22,108,923	2,240,549	3,197,050	1,578,502	732,004	970,091	4,571,170	9,517,803
		42,161,147	2,600,300	5,143,218	1,814,880	870,681	981,083	5,272,569	14,125,088
		5,140	20,302	176,601	148,609	160,930	2,339	212,959	11,482,065
		42,166,287	2,620,602	5,319,819	1,963,489	1,031,611	983,422	5,485,528	25,607,153
2002		22,153,832	486,675	3,634,621	348,710	277,062	17,062	600,843	5,141,143
		19,031,814	2,325,604	5,271,980	2,492,972	1,527,329	1,316,830	5,147,230	12,692,748
		41,185,646	2,812,279	8,906,601	2,841,682	1,804,391	1,333,892	5,748,073	17,833,891
		37,775	44,298	1,145,013	126,881	158,401	101	37,802	11,120,780
		41,223,421	2,856,577	10,051,614	2,968,563	1,962,792	1,333,993	5,785,875	28,954,671
2003		22,406,858	308,887	3,777,714	345,146	240,908	42,191	481,143	6,140,133
		19,738,956	2,140,797	5,855,527	3,258,664	1,539,966	973,531	4,101,692	16,188,693
		42,145,814	2,449,684	9,633,241	3,603,810	1,780,874	1,015,722	4,582,835	22,328,826
		81,583	75,523	1,374,931	126,828	442,322	63	368,521	11,671,504
		42,227,397	2,525,207	11,008,172	3,730,638	2,223,196	1,015,785	4,951,356	34,000,330
1		1,816,039	15,769	291,319	16,415	9,027	36	28,122	393,965
		2,265,203	151,934	393,330	233,602	137,716	61,206	323,470	1,038,606
		4,081,242	167,703	684,649	250,017	146,743	61,242	351,592	1,432,571
		5,486	14,325	20,067	8,540	26,644	0	19,876	946,242
		4,086,728	182,028	704,716	258,557	173,387	61,242	371,468	2,378,813
2		1,916,719	16,038	318,203	17,875	16,231	0	34,574	396,923
		1,102,611	121,821	357,968	177,084	125,139	61,189	339,088	922,608
		3,019,330	137,859	676,171	194,959	141,370	61,189	373,662	1,319,531
		3,578	11,000	107,303	9,760	26,296	0	57,886	881,357
		3,022,908	148,859	783,474	204,719	167,666	61,189	431,548	2,200,888
3		2,459,597	24,832	340,277	15,067	31,832	942	21,057	457,219
		984,943	153,995	502,444	214,650	144,533	73,680	299,779	1,157,166
		3,444,540	178,827	842,721	229,717	176,365	74,622	320,836	1,614,385
		6,270	8,045	109,522	14,690	36,067	0	41,260	990,551
		3,450,810	186,872	952,243	244,407	212,432	74,622	362,096	2,604,936
4		1,663,500	18,626	316,231	17,096	17,535	6,562	17,621	440,611
		1,634,060	114,380	454,516	237,143	137,632	80,161	304,322	914,143
		3,297,560	133,006	770,747	254,239	155,167	86,723	321,943	1,354,754
		5,576	4,850	142,398	14,475	36,794	0	55,916	998,123
		3,303,136	137,856	913,145	268,714	191,961	86,723	377,859	2,352,877

Total (Arrival 6-5)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
26,748	161,043	284,040	108,314	1,600,643	323,574	8,802	5,204,515	2,609,065
192,371	332,696	5,020,619	1,512,036	8,747,291	1,562,376	495,253	21,159,192	16,985,044
219,119	493,739	5,304,659	1,620,350	10,347,934	1,885,950	504,055	26,363,707	19,594,109
60	51	474,900	0	2,689,455	62,872	250	78,222	5,746,545
219,179	493,790	5,779,559	1,620,350	13,037,389	1,948,822	504,305	26,441,929	25,340,654
42,466	188,586	295,259	93,747	1,508,715	773,725	20,337	6,584,451	603,814
288,454	1,498,829	7,266,819	1,863,109	11,744,748	3,818,027	639,840	39,619,956	8,452,474
330,920	1,687,415	7,562,078	1,956,856	13,253,463	4,591,752	660,177	46,204,407	9,056,288
85	0	445,468	0	2,518,635	68,974	500	83,901	5,773,409
331,005	1,687,415	8,007,546	1,956,856	15,772,098	4,660,726	660,677	46,288,308	14,829,697
18,496	149,539	239,648	195,665	1,427,119	486,110	9,000	7,327,483	370,315
135,679	2,876,520	5,801,115	2,066,250	10,786,596	3,665,343	756,214	41,911,193	7,628,706
154,175	3,026,059	6,040,763	2,261,915	12,213,715	4,151,453	765,214	49,238,676	7,999,021
403	3,719	559,034	0	2,996,184	60,846	0	82,720	6,092,887
154,578	3,029,778	6,599,797	2,261,915	15,209,899	4,212,299	765,214	49,321,396	14,091,908
2,271	8,119	7,975	30,000	122,878	60,929	188	435,430	35,878
10,906	176,369	627,794	231,109	1,142,690	408,333	31,978	3,368,533	736,174
13,177	184,488	635,769	261,109	1,265,568	469,262	32,166	3,803,963	772,052
181	0	83,898	0	202,162	14,912	0	3,528	472,907
13,358	184,488	719,667	261,109	1,467,730	484,174	32,166	3,807,491	1,244,959
416	15,658	22,781	3,532	130,197	36,600	1,188	445,885	16,451
26,753	202,610	407,275	184,261	1,079,776	273,837	18,913	2,791,116	572,143
27,169	218,268	430,056	187,793	1,209,973	310,437	20,101	3,237,001	588,594
0	0	54,084	0	237,184	5,876	0	4,463	459,101
27,169	218,268	484,140	187,793	1,447,157	316,313	20,101	3,241,464	1,047,695
148	15,853	23,670	16,000	111,079	43,928	45	556,953	46,250
3,005	281,974	590,954	140,816	1,112,128	283,105	50,453	4,086,004	777,209
3,153	297,827	614,624	156,816	1,223,207	327,033	50,498	4,642,957	823,459
0	0	57,039	0	213,622	6,224	0	7,796	502,666
3,153	297,827	671,663	156,816	1,436,829	333,257	50,498	4,650,753	1,326,125
6,746	15,183	26,979	35,000	146,754	39,029	1,636	589,023	19,397
19,945	213,853	539,219	137,398	875,841	341,865	66,839	3,743,675	763,622
26,691	229,036	566,198	172,398	1,022,595	380,894	68,475	4,332,698	783,019
0	0	28,510	0	202,363	6,856	0	6,381	500,233
26,691	229,036	594,708	172,398	1,224,958	387,750	68,475	4,339,079	1,283,252

Source: Shipping & Logistics Bureau

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
5		2,227,937	22,481	306,070	14,184	17,266	4,452	19,594	481,283
		1,488,357	109,315	444,482	220,459	146,644	78,755	367,998	1,201,480
		3,716,294	131,796	750,552	234,643	163,910	83,207	387,592	1,682,763
		7,085	6,217	137,015	9,170	31,975	0	15,881	1,033,975
		3,723,379	138,013	887,567	243,813	195,885	83,207	403,473	2,716,738
6		2,136,724	19,846	316,776	18,656	25,597	3,892	60,688	491,856
		1,644,142	149,378	435,561	263,938	104,523	83,300	390,604	1,530,558
		3,780,866	169,224	752,337	282,594	130,120	87,192	451,292	2,022,414
		6,456	5,751	141,874	9,795	37,675	0	23,442	1,021,459
		3,787,322	174,975	894,211	292,389	167,795	87,192	474,734	3,043,873
7		1,320,883	25,478	301,291	35,780	11,111	5,902	50,973	549,601
		2,305,813	174,418	458,557	345,794	71,408	74,649	369,892	1,302,566
		3,626,696	199,896	759,848	381,574	82,519	80,551	420,865	1,852,167
		5,205	8,875	128,611	10,828	30,863	0	29,932	932,457
		3,631,901	208,771	888,459	392,402	113,382	80,551	450,797	2,784,624
8		1,723,567	39,474	310,949	36,610	17,263	2,206	55,151	519,608
		2,150,632	261,409	444,004	330,708	73,690	85,611	223,501	1,366,121
		3,874,199	300,883	754,953	367,318	90,953	87,817	278,652	1,885,729
		3,411	3,274	146,472	7,345	31,359	63	9,117	974,140
		3,877,610	304,157	901,425	374,663	122,312	87,880	287,769	2,859,869
9		1,392,149	14,980	279,090	36,312	18,937	4,516	38,026	325,593
		2,069,710	186,310	513,586	293,468	85,109	78,518	206,530	1,175,166
		3,461,859	201,290	792,676	329,780	104,046	83,034	244,556	1,500,759
		5,082	3,319	100,366	7,365	32,224	0	12,636	957,895
		3,466,941	204,609	893,042	337,145	136,270	83,034	257,192	2,458,654
10		1,787,013	36,339	321,127	42,076	27,456	2,083	47,272	556,908
		1,155,529	232,201	513,077	318,392	89,040	83,124	380,235	2,013,069
		2,942,542	268,540	834,204	360,468	116,496	85,207	427,507	2,569,977
		5,931	3,823	128,047	13,090	72,995	0	37,010	1,016,158
		2,948,473	272,363	962,251	373,558	189,491	85,207	464,517	3,586,135
11		1,980,480	32,159	349,851	43,631	23,396	5,825	46,746	627,858
		1,095,539	233,187	522,834	303,725	149,045	107,308	312,513	1,703,479
		3,076,019	265,346	872,685	347,356	172,441	113,133	359,259	2,331,337
		6,242	3,097	108,841	12,025	38,726	0	41,938	1,001,909
		3,082,261	268,443	981,526	359,381	211,167	113,133	401,197	3,333,246
12		1,982,250	42,865	326,530	51,444	25,257	5,775	61,319	898,708
		1,842,417	252,449	815,168	319,701	275,487	106,030	583,760	1,863,731
		3,824,667	295,314	1,141,698	371,145	300,744	111,805	645,079	2,762,439
		21,261	2,947	104,415	9,745	40,704	0	23,627	917,238
		3,845,928	298,261	1,246,113	380,890	341,448	111,805	668,706	3,679,677

Total (Arrival 6-6)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
5,066	12,651	9,926	35,000	92,636	41,236	669	663,245	24,984
8,660	190,070	564,705	149,345	873,761	365,932	63,270	3,493,342	647,356
13,726	202,721	574,631	184,345	966,397	407,168	63,939	4,156,587	672,340
0	0	25,290	0	194,493	1,079	0	5,516	530,584
13,726	202,721	599,921	184,345	1,160,890	408,247	63,939	4,162,103	1,202,924
817	11,559	19,337	0	118,376	34,819	1,488	628,018	30,717
5,825	209,668	557,968	174,323	716,796	300,426	71,122	3,471,629	601,721
6,642	221,227	577,305	174,323	835,172	335,245	72,610	4,099,647	632,438
32	0	33,244	0	209,831	2,381	0	5,058	556,906
6,674	221,227	610,549	174,323	1,045,003	337,626	72,610	4,104,705	1,189,344
194	13,810	32,091	0	121,800	32,788	1,174	740,835	26,791
16,203	361,207	440,641	161,643	771,915	313,251	66,820	3,223,652	553,090
16,397	375,017	472,732	161,643	893,715	346,039	67,994	3,964,487	579,881
0	0	23,757	0	232,704	5,061	0	9,589	553,759
16,397	375,017	496,489	161,643	1,126,419	351,100	67,994	3,974,076	1,133,640
1,153	8,374	8,390	35,023	131,292	40,261	836	586,502	21,977
7,166	253,689	452,704	172,200	837,017	274,961	85,656	3,360,804	554,500
8,319	262,063	461,094	207,223	968,309	315,222	86,492	3,947,306	576,477
130	0	25,725	0	199,444	1,912	0	7,142	559,255
8,449	262,063	486,819	207,223	1,167,753	317,134	86,492	3,954,448	1,135,732
317	9,240	7,625	35,089	96,309	42,086	1	611,318	24,144
14,369	231,152	378,577	198,622	908,346	239,610	78,046	3,240,711	577,597
14,686	240,392	386,202	233,711	1,004,655	281,696	78,047	3,852,029	601,741
60	0	25,529	0	336,898	3,936	0	7,803	468,102
14,746	240,392	411,731	233,711	1,341,553	285,632	78,047	3,859,832	1,069,843
1,004	12,156	19,734	6,018	125,245	35,359	1,099	625,789	41,185
9,241	268,663	472,582	183,535	914,482	278,262	97,852	4,105,665	599,134
10,245	280,819	492,316	189,553	1,039,727	313,621	98,951	4,731,454	640,319
0	0	39,952	0	323,678	3,770	0	7,891	512,739
10,245	280,819	532,268	189,553	1,363,405	317,391	98,951	4,739,345	1,153,058
72	11,037	14,045	3	131,206	40,575	139	664,722	41,704
7,842	254,874	352,481	144,028	791,475	283,896	67,215	3,360,407	597,807
7,914	265,911	366,526	144,031	922,681	324,471	67,354	4,025,129	639,511
0	3,719	75,996	0	313,929	2,855	0	9,036	474,684
7,914	269,630	442,522	144,031	1,236,610	327,326	67,354	4,034,165	1,114,195
292	15,899	47,095	0	99,347	38,500	537	779,763	40,837
5,764	232,391	416,215	188,970	762,369	301,865	58,050	3,665,655	648,353
6,056	248,290	463,310	188,970	861,716	340,365	58,587	4,445,418	689,190
0	0	86,010	0	329,876	5,984	0	8,517	501,951
6,056	248,290	549,320	188,970	1,191,592	346,349	58,587	4,453,935	1,191,141

Source: Shipping & Logistics Bureau

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(6-1)

Year & Month	Items Ocean-Going & Coastal	가							
		Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
1994		17,613,405	18,543	4,621	176,133	69,944	100,979	172,034	585,445
		58,480,677	26,993	1,146,402	10,260,727	1,360,112	73,429	1,202,288	3,830,371
		76,094,082	45,536	1,151,023	10,436,860	1,430,056	174,408	1,374,322	4,415,816
		116,313,423	88,274	5,005,589	35,201,939	5,736,652	6,542	165,112	12,309,723
		192,407,505	133,810	6,156,612	45,638,799	7,166,708	180,950	1,539,434	16,725,539
1995		17,788,070	30,171	1,705	399,521	110,794	82,381	96,122	718,409
		70,624,968	85,073	784,402	14,352,569	1,241,429	208,729	1,181,960	2,933,944
		88,413,038	115,244	786,107	14,752,090	1,352,223	291,110	1,278,082	3,652,353
		127,558,112	90,315	10,481,658	37,078,685	6,665,774	36,510	152,926	15,536,674
		215,971,150	205,559	11,267,765	51,830,775	8,017,997	327,620	1,431,008	19,189,027
1996		19,388,670	1,762	2,871	566,019	109,198	68,949	89,899	498,836
		79,504,495	2,923	4,353	20,452,088	1,730,137	115,393	1,405,909	1,845,789
		98,893,165	4,685	7,224	21,018,107	1,839,335	184,342	1,495,808	2,344,625
		138,806,629	74,959	10,486,392	41,962,410	4,639,913	1,141,636	158,203	16,884,494
		237,699,794	79,644	10,493,616	62,980,517	6,479,248	1,325,978	1,654,011	19,229,119
1997		20,571,282	11,753	3,896	1,544,253	115,905	173,734	126,934	328,179
		94,263,208	5,284	54,819	29,506,229	917,462	100,387	1,014,939	936,292
		114,834,490	17,037	58,715	31,050,482	1,033,367	274,121	1,141,873	1,264,471
		144,573,796	64,559	9,249,405	42,630,367	4,130,151	1,394,241	106,134	18,851,767
		259,408,286	81,596	9,308,120	73,680,849	5,163,518	1,668,362	1,248,007	20,116,238
1998		28,123,449	2,512	4,094	2,294,996	451,092	331,654	124,869	561,592
		113,196,635	31,481	44,917	38,302,783	1,497,764	381,308	960,988	2,251,351
		141,320,084	33,993	49,011	40,597,779	1,948,856	712,962	1,085,857	2,812,943
		113,129,008	46,739	3,089,176	30,996,763	3,722,864	1,326,947	121,295	15,322,143
		254,449,092	80,732	3,138,187	71,594,542	5,671,720	2,039,909	1,207,152	18,135,086
1999		23,319,921	757	14,029	2,351,518	347,833	366,436	116,235	828,252
		123,984,514	6,224	756,491	37,619,785	2,143,890	727,345	775,513	4,110,453
		147,304,435	6,981	770,520	39,971,303	2,491,723	1,093,781	891,748	4,938,705
		121,423,544	60,604	6,463,522	31,801,660	3,763,958	1,368,177	194,574	14,880,997
		268,727,979	67,585	7,234,042	71,772,963	6,255,681	2,461,958	1,086,322	19,819,702
2000		25,074,166	525	21	3,680,811	269,036	292,479	191,770	738,769
		125,703,754	187,228	734,970	36,377,837	1,948,353	920,114	703,146	4,093,197
		150,777,920	187,753	734,991	40,058,648	2,217,389	1,212,593	894,916	4,831,966
		131,989,895	24,174	8,861,972	33,512,538	2,796,796	1,427,795	368,797	15,665,338
		282,767,815	211,927	9,596,963	73,571,186	5,014,185	2,640,388	1,263,713	20,497,304

Cargo Transportation (Port / Goods)

Total (Departure 6-1)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks
0	0	186	115,472	492,031	8	103,934	120,834
30,125	44,041	24,244	508,006	1,219,286	0	344,162	212,941
30,125	44,041	24,430	623,478	1,711,317	8	448,096	333,775
565,527	19,881	892	26,677	7,745,669	31,469,629	432,383	405
595,652	63,922	25,322	650,155	9,456,986	31,469,637	880,479	334,180
76	25	3,090	90,495	504,804	0	67,096	119,087
9,390	308	22,735	576,924	1,030,477	5,558	396,232	258,180
9,466	333	25,825	667,419	1,535,281	5,558	463,328	377,267
401,866	0	17	24,932	8,735,777	32,358,661	627,156	1,252
411,332	333	25,842	692,351	10,271,058	32,364,219	1,090,484	378,519
64	0	4,076	125,249	506,196	0	75,817	132,748
665	32,706	9,133	768,468	1,878,148	1,875	461,570	277,578
729	32,706	13,209	893,717	2,384,344	1,875	537,387	410,326
205,833	6,320	0	125,809	8,270,251	38,185,977	765,188	2,627
206,562	39,026	13,209	1,019,526	10,654,595	38,187,852	1,302,575	412,953
0	0	2,533	244,955	398,257	1,539	97,792	128,223
979	0	4,209	934,633	1,033,604	28,498	597,432	263,379
979	0	6,742	1,179,588	1,431,861	30,037	695,224	391,602
65,343	3,747	0	217,646	9,362,895	42,042,407	512,438	1,319
66,322	3,747	6,742	1,397,234	10,794,756	42,072,444	1,207,662	392,921
0	0	1,315	214,822	322,384	402	235,413	182,236
3,647	2,626	2,858	683,994	809,079	8,048	465,586	352,180
3,647	2,626	4,173	898,816	1,131,463	8,450	700,999	534,416
67,388	828,255	1,094	43,753	8,710,162	30,927,322	547,937	220
71,035	830,881	5,267	942,569	9,841,625	30,935,772	1,248,936	534,636
1,739	0	2,094	96,889	215,138	26,427	120,209	104,912
4,574	0	7,210	522,438	651,142	45,808	413,071	329,397
6,313	0	9,304	619,327	866,280	72,235	533,280	434,309
96,897	1,478,709	0	42,903	9,737,609	31,366,752	337,269	397
103,210	1,478,709	9,304	662,230	10,603,889	31,438,987	870,549	434,706
136	0	505	110,344	300,303	86,934	150,223	59,731
780	3,783	1,437	539,957	581,027	94	1,115,892	269,407
916	3,783	1,942	650,301	881,330	87,028	1,266,115	329,138
70,183	1,561,289	80	169,090	10,078,462	37,398,603	358,050	60
71,099	1,565,072	2,022	819,391	10,959,792	37,485,631	1,624,165	329,198

Source: Shipping & Logistics Bureau

(6-2)

Year & Month	Items Ocean-Going &Coastal	가							
		Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
2001		29,888,387	1,872	0	3,900,453	287,699	289,361	84,090	527,947
		147,677,015	86,602	543,645	36,346,078	1,287,327	1,488,323	1,028,779	4,223,582
		177,565,402	88,474	543,645	40,246,531	1,575,026	1,777,684	1,112,869	4,751,529
		137,731,316	19,128	6,145,527	32,942,268	1,943,350	1,263,260	393,077	16,984,864
		315,296,718	107,602	6,689,172	73,188,799	3,518,376	3,040,944	1,505,946	21,736,393
2002		30,281,833	6,443	99	3,832,509	190,038	532,957	200,858	233,320
		150,950,614	37,087	1,324,227	31,647,053	1,510,890	1,563,542	984,280	3,152,765
		181,232,447	43,530	1,324,326	35,479,562	1,700,928	2,096,499	1,185,138	3,386,085
		138,337,861	439,861	3,281,485	30,427,609	1,803,003	1,164,380	516,634	17,929,126
		319,570,308	483,391	4,605,811	65,907,171	3,503,931	3,260,879	1,701,772	21,315,211
2003		31,172,004	136	3,805	3,970,991	315,615	724,306	88,884	359,207
		167,623,166	73,679	1,883,481	27,283,872	1,337,649	1,545,595	1,196,216	2,726,319
		198,795,170	73,815	1,887,286	31,254,863	1,653,264	2,269,901	1,285,100	3,085,526
		141,732,129	437,974	3,428,567	32,256,025	2,013,955	1,182,346	576,574	18,928,200
		340,527,299	511,789	5,315,853	63,510,888	3,667,219	3,452,247	1,861,674	22,013,726
1		2,459,731	0	0	489,927	13,114	60,362	24,779	38,555
		12,336,433	535	489,326	1,849,193	112,033	123,938	71,574	223,332
		14,796,164	535	489,326	2,339,120	125,147	184,300	96,353	261,887
		11,246,816	42,222	508,891	3,037,615	179,607	97,855	24,695	1,227,278
		26,042,980	42,757	998,217	5,376,735	304,754	282,155	121,048	1,489,165
2		2,203,218	0	0	328,042	31,712	58,808	16,476	34,030
		11,601,924	0	53,479	2,332,871	96,583	123,486	108,316	183,696
		13,805,142	0	53,479	2,660,913	128,295	182,294	124,792	217,726
		10,652,608	97	155,940	2,767,395	163,610	83,950	23,261	1,143,448
		24,457,750	97	209,419	5,428,308	291,905	266,244	148,053	1,361,174
3		2,469,297	0	0	367,603	1,492	46,671	1,164	61,343
		13,659,726	1	0	2,454,161	139,804	178,019	87,919	263,990
		16,129,023	1	0	2,821,764	141,296	224,690	89,083	325,333
		12,580,135	206	261,240	2,766,132	178,540	98,365	34,835	1,685,898
		28,709,158	207	261,240	5,587,896	319,836	323,055	123,918	2,011,231
4		2,523,379	0	0	394,082	3,385	60,600	9,570	14,600
		13,911,895	211	0	2,510,392	107,493	141,881	100,993	257,452
		16,435,274	211	0	2,904,474	110,878	202,481	110,563	272,052
		12,020,820	0	282,427	2,260,158	196,307	97,537	27,906	1,746,589
		28,456,094	211	282,427	5,164,632	307,185	300,018	138,469	2,018,641

Total (Departure 6-2)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks
5,929	0	2,283	127,179	260,064	106	257,647	145,113
3,939	342	6,702	537,344	491,940	20,139	1,444,558	314,132
9,868	342	8,985	664,523	752,004	20,245	1,702,205	459,245
15,301	1,428,684	0	881	11,209,358	43,771,809	352,424	85
25,169	1,429,026	8,985	665,404	11,961,362	43,792,054	2,054,629	459,330
111	91	1,356	93,870	189,555	5,000	178,477	118,268
18,533	83	66,445	596,556	479,258	578	763,560	275,609
18,644	174	67,801	690,426	668,813	5,578	942,037	393,877
6,293	1,249,950	0	32,637	10,863,132	48,764,677	279,027	1,811
24,937	1,250,124	67,801	723,063	11,531,945	48,770,255	1,221,064	395,688
5,792	0	4,237	142,045	241,069	0	183,996	58,511
20,424	0	44,176	1,234,588	568,907	413	944,782	208,208
26,216	0	48,413	1,376,633	809,976	413	1,128,778	266,719
7,772	217,927	0	4,983	10,649,594	47,646,671	443,280	380
33,988	217,927	48,413	1,381,616	11,459,570	47,647,084	1,572,058	267,099
0	0	122	7,270	23,759	0	17,943	16,019
873	0	345	71,668	28,911	0	86,019	61,498
873	0	467	78,938	52,670	0	103,962	77,517
0	13,322	0	229	941,661	3,317,986	36,960	0
873	13,322	467	79,167	994,331	3,317,986	140,922	77,517
0	0	246	11,732	10,919	0	7,312	2,975
371	0	133	79,054	33,999	0	55,643	8,365
371	0	379	90,786	44,918	0	62,955	11,340
0	0	0	0	814,761	3,600,976	41,227	0
371	0	379	90,786	859,679	3,600,976	104,182	11,340
0	0	0	10,558	18,814	0	15,224	4,257
310	0	948	104,004	25,961	0	63,710	13,432
310	0	948	114,562	44,775	0	78,934	17,689
190	9,168	0	518	971,787	4,530,091	48,503	0
500	9,168	948	115,080	1,016,562	4,530,091	127,437	17,689
0	0	0	11,609	19,200	0	21,511	4,576
326	0	170	92,708	34,828	0	70,918	15,652
326	0	170	104,317	54,028	0	92,429	20,228
0	0	0	3,431	962,615	4,394,817	44,351	189
326	0	170	107,748	1,016,643	4,394,817	136,780	20,417

Source: Shipping & Logistics Bureau

(6-3)

Year & Month	Items Ocean-Going & Coastal	Total	Cereals	Crude Petroleum Oils	Product of Petroleum Oils	가			
						Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
5		2,548,856	0	3,013	360,228	12,853	49,229	751	32,246
		13,775,031	630	308,300	2,476,253	144,901	173,209	42,235	228,021
		16,323,887	630	311,313	2,836,481	157,754	222,438	42,986	260,267
		11,812,230	0	280,544	2,385,083	193,214	100,173	45,391	1,688,784
		28,136,117	630	591,857	5,221,564	350,968	322,611	88,377	1,949,051
6		2,713,905	0	8	314,420	4,782	72,733	12,587	15,060
		13,709,489	34,115	84,033	2,355,816	124,139	110,318	59,830	182,384
		16,423,394	34,115	84,041	2,670,236	128,921	183,051	72,417	197,444
		12,222,708	61	116,337	2,606,607	191,943	103,704	145,460	1,709,705
		28,646,102	34,176	200,378	5,276,843	320,864	286,755	217,877	1,907,149
7		2,677,867	0	0	378,750	11,087	64,324	3,719	24,800
		14,240,330	30,584	119,204	2,823,916	100,947	120,291	175,797	238,465
		16,918,197	30,584	119,204	3,202,666	112,034	184,615	179,516	263,265
		11,926,600	47,259	398,028	2,399,685	157,891	106,546	77,875	1,567,560
		28,844,797	77,843	517,232	5,602,351	269,925	291,161	257,391	1,830,825
8		2,443,962	0	0	359,635	15,946	58,480	824	29,550
		13,187,147	1,313	164,422	2,031,001	107,152	159,422	174,460	269,053
		15,631,109	1,313	164,422	2,390,636	123,098	217,902	175,284	298,603
		11,547,656	86,368	251,597	2,633,134	149,893	98,825	22,590	1,552,022
		27,178,765	87,681	416,019	5,023,770	272,991	316,727	197,874	1,850,625
9		2,518,926	0	736	219,588	19,663	67,640	4,130	33,450
		13,759,437	1,395	285,233	2,013,158	47,761	111,555	123,137	305,565
		16,278,363	1,395	285,969	2,232,746	67,424	179,195	127,267	339,015
		10,658,174	89,450	383,952	2,486,550	157,408	97,809	24,585	1,361,902
		26,936,537	90,845	669,921	4,719,296	224,832	277,004	151,852	1,700,917
10		2,753,333	38	48	237,976	51,278	58,964	2,642	19,650
		16,883,533	3,149	96,593	2,213,805	128,891	114,504	92,115	236,542
		19,636,866	3,187	96,641	2,451,781	180,169	173,468	94,757	256,192
		12,809,126	69,235	137,557	3,070,151	156,367	103,295	19,761	1,894,042
		32,445,992	72,422	234,198	5,521,932	336,536	276,763	114,518	2,150,234
11		2,967,984	92	0	278,037	65,672	73,069	8,913	30,330
		15,300,961	1,418	96,497	2,237,372	111,838	79,053	69,933	170,538
		18,268,945	1,510	96,497	2,515,409	177,510	152,122	78,846	200,868
		12,155,357	75,924	318,727	2,755,171	138,293	97,614	108,475	1,678,898
		30,424,302	77,434	415,224	5,270,580	315,803	249,736	187,321	1,879,766
12		2,891,546	6	0	242,703	84,631	53,426	3,329	25,593
		15,257,260	328	186,394	1,985,934	116,107	109,919	89,907	167,281
		18,148,806	334	186,394	2,228,637	200,738	163,345	93,236	192,874
		12,099,899	27,152	333,327	3,088,344	150,882	96,673	21,740	1,672,074
		30,248,705	27,486	519,721	5,316,981	351,620	260,018	114,976	1,864,948

Total (Departure 6-3)

Unit:R/T

Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustacaens and Mollusks
22	0	31	9,316	12,772	0	11,038	3,178
208	0	1,660	398,847	46,307	0	89,712	20,891
230	0	1,691	408,163	59,079	0	100,750	24,069
0	0	0	0	850,544	4,212,485	62,368	0
230	0	1,691	408,163	909,623	4,212,485	163,118	24,069
0	0	0	14,706	43,534	0	15,292	2,814
647	0	20,535	92,366	28,802	108	113,407	15,248
647	0	20,535	107,072	72,336	108	128,699	18,062
0	0	0	108	823,561	4,435,301	34,268	0
647	0	20,535	107,180	895,897	4,435,409	162,967	18,062
5,770	0	20	11,296	14,601	0	14,559	2,089
11,112	0	7,680	82,202	62,606	54	109,714	12,453
16,882	0	7,700	93,498	77,207	54	124,273	14,542
0	26,973	0	200	898,813	4,244,278	28,820	50
16,882	26,973	7,700	93,698	976,020	4,244,332	153,093	14,592
0	0	0	11,085	18,737	0	14,798	3,609
320	0	3,760	62,306	46,859	20	67,329	11,534
320	0	3,760	73,391	65,596	20	82,127	15,143
0	34,634	0	0	949,208	3,773,712	27,446	0
320	34,634	3,760	73,391	1,014,804	3,773,732	109,573	15,143
0	0	0	13,507	17,693	0	14,643	4,304
364	0	882	49,749	40,096	0	81,395	14,087
364	0	882	63,256	57,789	0	96,038	18,391
3,131	21,211	0	0	824,881	3,225,239	22,691	60
3,495	21,211	882	63,256	882,670	3,225,239	118,729	18,451
0	0	0	11,678	20,357	0	15,576	5,365
5,843	0	2,489	73,523	71,234	0	72,587	13,533
5,843	0	2,489	85,201	91,591	0	88,163	18,898
1,975	0	0	300	918,626	4,242,588	28,244	30
7,818	0	2,489	85,501	1,010,217	4,242,588	116,407	18,928
0	0	141	12,188	12,566	0	16,874	4,206
50	0	1,732	52,621	89,019	231	50,347	9,940
50	0	1,873	64,809	101,585	231	67,221	14,146
2,476	55,938	0	0	815,270	3,989,545	25,721	0
2,526	55,938	1,873	64,809	916,855	3,989,776	92,942	14,146
0	0	3,677	17,100	28,117	0	19,226	5,119
0	0	3,842	75,540	60,285	0	84,001	11,575
0	0	7,519	92,640	88,402	0	103,227	16,694
0	56,681	0	197	877,867	3,679,653	42,681	51
0	56,681	7,519	92,837	966,269	3,679,653	145,908	16,745

Source: Shipping & Logistics Bureau

2. (,)

(6-4)

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
1994		3,211	593,516	572,175	1,175,246	1,368,616	5,151	25,012	4,687,531
		2,986	868,424	2,619,860	3,040,537	6,236,266	361,375	47,109	5,569,747
		6,197	1,461,940	3,192,035	4,215,783	7,604,882	366,526	72,121	10,257,278
		112,996	18,180	163,270	11,926	447,001	660	62,610	5,864,103
		119,193	1,480,120	3,355,305	4,227,709	8,051,883	367,186	134,731	16,121,381
1995		3,818	560,393	995,676	822,931	1,779,817	1,354	24,179	4,232,109
		6,407	866,803	3,058,705	3,499,090	8,972,457	532,365	47,925	6,715,471
		10,225	1,427,196	4,054,381	4,322,021	10,752,274	533,719	72,104	10,947,580
		133,104	680	171,273	25,956	414,290	116	85,992	7,677,334
		143,329	1,427,876	4,225,654	4,347,977	11,166,564	533,835	158,096	18,624,914
1996		966	304,176	893,440	957,635	2,252,482	7,116	23,481	4,040,517
		20,312	607,834	2,727,998	3,810,840	10,326,439	977,792	24,820	6,894,505
		21,278	912,010	3,621,438	4,768,475	12,578,921	984,908	48,301	10,935,022
		256,534	3,417	251,534	169,159	423,649	2,397	7,524	6,750,459
		277,812	915,427	3,872,972	4,937,634	13,002,570	987,305	55,825	17,685,481
1997		5,032	473,211	1,081,903	678,917	2,439,109	1,299	23,624	2,947,913
		8,465	1,096,969	2,944,717	4,488,625	11,510,156	291,787	53,503	8,998,759
		13,497	1,570,180	4,026,620	5,167,542	13,949,265	293,086	77,127	11,946,672
		240,607	22,874	264,400	101,681	529,674	45	61,047	7,476,324
		254,104	1,593,054	4,291,020	5,269,223	14,478,939	293,131	138,174	19,422,996
1998		3,884	587,395	1,606,226	1,882,074	2,643,333	74,325	31,558	4,520,130
		7,270	931,606	3,229,711	3,844,415	12,960,048	722,621	185,816	13,256,586
		11,154	1,519,001	4,835,937	5,726,489	15,603,381	796,946	217,374	17,776,716
		127,460	6,884	254,346	14,029	225,885	240	128,857	8,677,675
		138,614	1,525,885	5,090,283	5,740,518	15,829,266	797,186	346,231	26,454,391
1999		352	428,653	1,347,794	1,743,524	1,572,363	85,884	15,461	3,809,491
		14,447	897,693	3,305,879	3,705,726	15,770,353	849,643	107,331	10,662,868
		14,799	1,326,346	4,653,673	5,449,250	17,342,716	935,527	122,792	14,472,359
		96,068	31,464	233,005	16,673	53,140	0	110,389	9,693,268
		110,867	1,357,810	4,886,678	5,465,923	17,395,856	935,527	233,181	24,165,627
2000		2,118	387,198	1,102,793	1,325,956	733,279	50,194	18,997	4,575,759
		10,305	874,801	2,896,213	3,696,647	18,508,395	841,758	46,569	9,903,066
		12,423	1,261,999	3,999,006	5,022,603	19,241,674	891,952	65,566	14,478,825
		26,662	5,355	171,690	16,912	75,863	130	62,713	10,209,199
		39,085	1,267,354	4,170,696	5,039,515	19,317,537	892,082	128,279	24,688,024

Cargo Transportation (Port / Goods)

Total (Departure 6-4)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
35,343	45,157	117,681	46,232	782,031	780,262	133,621	4,330,245	952,211
30,566	55,499	158,369	200,259	3,092,827	4,038,467	411,119	8,294,711	3,169,429
65,909	100,656	276,050	246,491	3,874,858	4,818,729	544,740	12,624,956	4,121,640
0	312,624	495,885	0	7,868,311	77,258	5,173	620,416	1,478,116
65,909	413,280	771,935	246,491	11,743,169	4,895,987	549,913	13,245,372	5,599,756
21,061	23,452	74,141	30,752	1,074,189	567,823	90,563	4,246,518	1,015,518
11,380	60,048	271,237	239,131	3,974,099	3,943,885	371,443	10,619,377	4,347,235
32,441	83,500	345,378	269,883	5,048,288	4,511,708	462,006	14,865,895	5,362,753
12,000	212,701	403,949	0	3,496,089	55,125	29	64,255	2,613,016
44,441	296,201	749,327	269,883	8,544,377	4,566,833	462,035	14,930,150	7,975,769
7,477	19,332	60,445	37,349	1,115,871	721,910	67,110	5,176,555	1,521,124
17,665	53,152	183,529	242,808	3,991,418	4,206,963	292,918	11,657,423	4,481,344
25,142	72,484	243,974	280,157	5,107,289	4,928,873	360,028	16,833,978	6,002,468
400	3,162	398,771	980	2,925,296	303,272	0	225,504	4,174,559
25,542	75,646	642,745	281,137	8,032,585	5,232,145	360,028	17,059,482	10,177,027
3,412	36,002	69,914	33,769	1,544,628	657,713	57,300	5,852,850	1,486,733
8,485	77,262	240,518	249,987	5,453,738	4,178,199	466,670	13,100,349	5,696,873
11,897	113,264	310,432	283,756	6,998,366	4,835,912	523,970	18,953,199	7,183,606
0	5,815	575,510	1,137	2,385,962	74,501	0	30,779	4,171,021
11,897	119,079	885,942	284,893	9,384,328	4,910,413	523,970	18,983,978	11,354,627
8,151	54,944	194,655	32,882	2,363,527	1,132,203	109,223	6,376,971	1,774,587
10,050	70,766	429,677	249,281	5,389,354	4,288,661	417,645	15,870,402	5,534,116
18,201	125,710	624,332	282,163	7,752,881	5,420,864	526,868	22,247,373	7,308,703
0	10,900	532,681	0	2,185,007	465,474	10,598	15,638	4,721,276
18,201	136,610	1,157,013	282,163	9,937,888	5,886,338	537,466	22,263,011	12,029,979
6,816	44,027	129,009	22,069	2,027,327	980,832	78,958	5,257,602	1,177,291
12,237	72,913	908,628	72,788	6,941,196	4,363,663	400,087	19,857,046	7,928,675
19,053	116,940	1,037,637	94,857	8,968,523	5,344,495	479,045	25,114,648	9,105,966
0	0	534,459	0	3,230,309	391,125	260	60,867	5,378,489
19,053	116,940	1,572,096	94,857	12,198,832	5,735,620	479,305	25,175,515	14,484,455
939	29,934	74,986	8,799	2,387,843	683,313	46,782	6,412,051	1,351,638
28,933	78,156	573,588	70,082	8,977,942	4,122,363	415,462	21,242,332	5,939,920
29,872	108,090	648,574	78,881	11,365,785	4,805,676	462,244	27,654,383	7,291,558
2,654	1,469	458,497	0	3,098,798	107,210	0	64,054	5,395,462
32,526	109,559	1,107,071	78,881	14,464,583	4,912,886	462,244	27,718,437	12,687,020

Source: Shipping & Logistics Bureau

(6-5)

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
2001		37,002	449,914	1,915,629	1,087,926	887,067	7,121	15,833	4,216,032
		48,899	1,308,521	4,592,892	5,978,752	17,708,184	1,062,188	50,314	10,549,021
		85,901	1,758,435	6,508,521	7,066,678	18,595,251	1,069,309	66,147	14,765,053
		5,140	20,302	176,601	148,609	160,930	2,339	212,959	11,482,065
		91,041	1,778,737	6,685,122	7,215,287	18,756,181	1,071,648	279,106	26,247,118
2002		24,170	422,710	2,524,948	1,215,108	994,253	170	11,496	4,162,521
		14,815	1,182,981	5,345,082	6,471,465	19,182,433	1,439,333	53,464	9,757,914
		38,985	1,605,691	7,870,030	7,686,573	20,176,686	1,439,503	64,960	13,920,435
		37,775	44,298	1,150,902	126,881	158,222	101	37,802	11,127,191
		76,760	1,649,989	9,020,932	7,813,454	20,334,908	1,439,604	102,762	25,047,626
2003		49,244	591,310	3,003,042	874,153	759,150	31,093	25,623	4,573,743
		60,985	1,460,771	6,422,135	8,174,290	21,704,236	1,155,422	66,831	10,805,090
		110,229	2,052,081	9,425,177	9,048,443	22,463,386	1,186,515	92,454	15,378,833
		81,583	75,523	1,380,135	126,828	442,322	63	368,521	11,668,320
		191,812	2,127,604	10,805,312	9,175,271	22,905,708	1,186,578	460,975	27,047,153
1		269	37,799	208,769	108,098	24,097	0	303	345,100
		1,960	81,323	417,992	485,473	1,637,747	68,400	4,204	779,387
		2,229	119,122	626,761	593,571	1,661,844	68,400	4,507	1,124,487
		5,486	14,325	21,320	8,540	26,644	0	19,876	944,547
		7,715	133,447	648,081	602,111	1,688,488	68,400	24,383	2,069,034
2		2,735	35,862	227,989	81,001	23,523	0	432	337,325
		7,370	61,464	413,294	363,302	1,308,804	80,994	831	719,012
		10,105	97,326	641,283	444,303	1,332,327	80,994	1,263	1,056,337
		3,578	11,000	107,358	9,760	26,296	0	57,886	881,357
		13,683	108,326	748,641	454,063	1,358,623	80,994	59,149	1,937,694
3		2,000	40,726	257,448	61,748	46,128	0	2,460	407,692
		4,129	90,479	502,669	473,904	1,769,577	99,618	5,173	816,994
		6,129	131,205	760,117	535,652	1,815,705	99,618	7,633	1,224,686
		6,270	8,045	110,132	14,690	36,067	0	41,260	990,551
		12,399	139,250	870,249	550,342	1,851,772	99,618	48,893	2,215,237
4		6,140	34,498	278,217	78,328	87,723	5,693	2,187	342,194
		72	109,070	508,825	590,068	1,705,635	100,255	11,139	787,003
		6,212	143,568	787,042	668,396	1,793,358	105,948	13,326	1,129,197
		5,576	4,850	142,595	14,475	36,794	0	55,916	998,323
		11,788	148,418	929,637	682,871	1,830,152	105,948	69,242	2,127,520

Total (Departure 6-5)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
6,165	101,967	83,359	2,276	2,917,512	1,089,956	35,441	7,846,633	3,298,811
71,403	291,196	662,219	68,566	8,505,250	5,047,213	553,382	30,211,271	13,144,312
77,568	393,163	745,578	70,842	11,422,762	6,137,169	588,823	38,057,904	16,443,123
60	51	474,900	0	2,689,455	62,872	250	78,222	5,746,545
77,628	393,214	1,220,478	70,842	14,112,217	6,200,041	589,073	38,136,126	22,189,668
16,079	50,478	74,592	17,851	2,644,974	1,845,892	22,797	10,278,024	392,818
102,197	263,278	1,289,225	71,680	7,044,212	6,962,062	570,832	41,099,006	7,680,169
118,276	313,756	1,363,817	89,531	9,689,186	8,807,954	593,629	51,377,030	8,072,987
85	0	445,468	0	2,518,179	68,974	500	84,170	5,777,688
118,361	313,756	1,809,285	89,531	12,207,365	8,876,928	594,129	51,461,200	13,850,675
2,504	2,533	46,913	3,236	2,982,185	1,078,642	23,743	10,696,259	330,037
277,552	182,587	784,826	78,567	7,423,910	6,276,146	611,496	56,283,084	6,786,929
280,056	185,120	831,739	81,803	10,406,095	7,354,788	635,239	66,979,343	7,116,966
403	3,719	559,034	0	2,994,136	60,846	0	82,720	6,093,728
280,459	188,839	1,390,773	81,803	13,400,231	7,415,634	635,239	67,062,063	13,210,694
59	210	3,619	265	206,900	110,006	454	695,020	26,913
21,021	1,250	44,360	944	736,605	515,495	33,667	3,982,512	404,848
21,080	1,460	47,979	1,209	943,505	625,501	34,121	4,677,532	431,761
181	0	83,898	0	201,890	14,912	0	3,528	473,348
21,261	1,460	131,877	1,209	1,145,395	640,413	34,121	4,681,060	905,109
30	23	2,373	210	206,399	89,949	658	680,162	12,295
20,436	282	30,185	1,531	677,427	557,855	28,096	3,868,248	386,797
20,466	305	32,558	1,741	883,826	647,804	28,754	4,548,410	399,092
0	0	54,084	0	237,184	5,876	0	4,463	459,101
20,466	305	86,642	1,741	1,121,010	653,680	28,754	4,552,873	858,193
66	42	2,942	415	248,217	92,143	1,722	762,166	16,256
15,724	997	56,193	3,204	680,977	485,413	40,548	4,755,446	526,422
15,790	1,039	59,135	3,619	929,194	577,556	42,270	5,517,612	542,678
0	0	57,039	0	213,622	6,224	0	7,796	502,966
15,790	1,039	116,174	3,619	1,142,816	583,780	42,270	5,525,408	1,045,644
111	411	3,185	302	235,916	85,053	1,898	794,786	27,604
21,509	886	62,877	10,292	638,469	566,534	71,094	4,736,671	658,472
21,620	1,297	66,062	10,594	874,385	651,587	72,992	5,531,457	686,076
0	0	28,510	0	203,884	6,856	0	6,381	500,333
21,620	1,297	94,572	10,594	1,078,269	658,443	72,992	5,537,838	1,186,409

Source: Shipping & Logistics Bureau

(6-6)

Year & Month	Items Ocean-Going & Coastal	Items							
		Iron Ores	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron Steel and Articles Thereof
5		0	37,920	239,728	49,031	82,683	0	0	402,668
		3,986	71,631	476,366	553,412	1,634,282	84,686	4,072	752,101
		3,986	109,551	716,094	602,443	1,716,965	84,686	4,072	1,154,769
		7,085	6,217	137,192	9,170	31,975	0	15,881	1,034,175
		11,071	115,768	853,286	611,613	1,748,940	84,686	19,953	2,188,944
6		5,856	123,279	242,975	59,505	67,109	0	6,089	356,231
		0	102,720	468,747	711,697	1,866,138	96,162	5,114	767,652
		5,856	225,999	711,722	771,202	1,933,247	96,162	11,203	1,123,883
		6,456	5,751	143,623	9,795	37,675	0	23,442	1,021,459
		12,312	231,750	855,345	780,997	1,970,922	96,162	34,645	2,145,342
7		7,380	39,053	229,369	81,784	25,021	0	800	335,195
		0	119,319	562,059	749,630	1,594,647	94,909	2,191	806,311
		7,380	158,372	791,428	831,414	1,619,668	94,909	2,991	1,141,506
		5,205	8,875	128,867	10,828	30,863	0	29,932	932,457
		12,585	167,247	920,295	842,242	1,650,531	94,909	32,923	2,073,963
8		1,420	35,775	220,479	60,795	49,477	0	395	374,184
		2,333	155,420	562,176	847,360	1,284,136	87,682	8,353	703,799
		3,753	191,195	782,655	908,155	1,333,613	87,682	8,748	1,077,983
		3,411	3,274	146,602	7,345	31,359	63	9,117	973,448
		7,164	194,469	929,257	915,500	1,364,972	87,745	17,865	2,051,431
9		9,043	40,219	241,566	70,952	110,736	0	2,800	393,511
		3,454	184,797	596,575	822,274	1,590,143	99,333	3,091	1,110,413
		12,497	225,016	838,141	893,226	1,700,879	99,333	5,891	1,503,924
		5,082	3,319	100,403	7,365	32,224	0	12,636	955,948
		17,579	228,335	938,544	900,591	1,733,103	99,333	18,527	2,459,872
10		4,915	51,291	282,174	89,478	55,122	0	495	415,532
		5,112	200,427	663,014	899,269	2,264,330	105,975	3,350	1,842,310
		10,027	251,718	945,188	988,747	2,319,452	105,975	3,845	2,257,842
		5,931	3,823	128,207	13,090	72,995	0	37,010	1,016,808
		15,958	255,541	1,073,395	1,001,837	2,392,447	105,975	40,855	3,274,650
11		5,752	61,345	308,887	42,483	88,856	25,400	6,207	425,130
		32,533	179,198	620,314	821,596	2,639,979	111,272	11,108	842,181
		38,285	240,543	929,201	864,079	2,728,835	136,672	17,315	1,267,311
		6,242	3,097	109,149	12,025	38,726	0	41,938	1,001,909
		44,527	243,640	1,038,350	876,104	2,767,561	136,672	59,253	2,269,220
12		3,734	53,543	265,441	90,950	98,675	0	3,455	438,981
		36	104,923	630,104	856,305	2,408,818	126,136	8,205	877,927
		3,770	158,466	895,545	947,255	2,507,493	126,136	11,660	1,316,908
		21,261	2,947	104,687	9,745	40,704	0	23,627	917,338
		25,031	161,413	1,000,232	957,000	2,548,197	126,136	35,287	2,234,246

Total (Departure 6-6)

Unit:R/T

Meat	Products of The Milling Industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
407	471	4,668	593	191,730	85,186	2,635	912,858	43,601
21,029	15,238	152,162	5,213	541,642	555,328	60,626	4,433,321	478,762
21,436	15,709	156,830	5,806	733,372	640,514	63,261	5,346,179	522,363
0	0	25,290	0	189,480	1,079	0	5,516	530,584
21,436	15,709	182,120	5,806	922,852	641,593	63,261	5,351,695	1,052,947
104	296	2,405	485	243,734	97,937	1,903	993,400	16,661
22,591	59,974	73,452	7,086	478,059	551,596	57,234	4,656,233	563,286
22,695	60,270	75,857	7,571	721,793	649,533	59,137	5,649,633	579,947
32	0	33,244	0	209,831	2,381	0	5,058	556,906
22,727	60,270	109,101	7,571	931,624	651,914	59,137	5,654,691	1,136,853
282	53	4,251	333	247,929	85,151	3,103	1,061,208	25,940
28,363	86,073	54,015	9,220	556,375	507,757	63,674	4,546,534	564,228
28,645	86,126	58,266	9,553	804,304	592,908	66,777	5,607,742	590,168
0	0	23,757	0	233,429	5,061	0	9,589	553,759
28,645	86,126	82,023	9,553	1,037,733	597,969	66,777	5,617,331	1,143,927
361	131	3,774	204	280,248	62,534	2,241	807,351	31,929
22,622	2,337	42,050	10,655	554,721	518,971	50,960	4,756,148	478,473
22,983	2,468	45,824	10,859	834,969	581,505	53,201	5,563,499	510,402
130	0	25,725	0	199,444	1,912	0	7,142	559,255
23,113	2,468	71,549	10,859	1,034,413	583,417	53,201	5,570,641	1,069,657
157	84	4,890	118	262,730	76,914	1,772	858,067	50,013
23,393	3,030	71,130	6,885	632,790	427,268	54,127	4,524,292	532,065
23,550	3,114	76,020	7,003	895,520	504,182	55,899	5,382,359	582,078
60	0	25,529	0	336,898	3,936	0	7,803	468,102
23,610	3,114	101,549	7,003	1,232,418	508,118	55,899	5,390,162	1,050,180
675	219	6,044	114	269,424	97,628	3,282	1,023,250	30,118
24,725	4,139	107,737	8,403	643,672	524,591	49,057	5,681,565	731,049
25,400	4,358	113,781	8,517	913,096	622,219	52,339	6,704,815	761,167
0	0	39,952	0	324,739	3,770	0	7,891	512,739
25,400	4,358	153,733	8,517	1,237,835	625,989	52,339	6,712,706	1,273,906
71	288	3,405	52	293,691	87,585	1,601	1,091,123	24,020
25,502	4,551	44,945	8,495	645,608	489,708	53,538	5,069,111	730,733
25,573	4,839	48,350	8,547	939,299	577,293	55,139	6,160,234	754,753
0	3,719	75,996	0	313,929	2,855	0	9,036	474,684
25,573	8,558	124,346	8,547	1,253,228	580,148	55,139	6,169,270	1,229,437
181	305	5,357	145	295,267	108,556	2,474	1,016,868	24,687
30,637	3,830	45,720	6,639	637,565	575,630	48,875	5,273,003	731,794
30,818	4,135	51,077	6,784	932,832	684,186	51,349	6,289,871	756,481
0	0	86,010	0	329,806	5,984	0	8,517	501,951
30,818	4,135	137,087	6,784	1,262,638	690,170	51,349	6,298,388	1,258,432

Source: Shipping & Logistics Bureau

3.

Export and Import Cargo Transportation

Districts	Items		Total	Cereals	(), Crude Petroleum Oils	Product of Petroleum Oils	가 가 Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
	Flag									
			427,110,425	10,206,543	109,170,511	29,627,121	37,505,169	1,305,779	1,428,085	1,866,079
			81,826,236	1,248,375	8,239,829	1,476,720	251,847	76,701	174,319	411,165
			345,284,189	8,958,168	100,930,682	28,150,401	37,253,322	1,229,078	1,253,766	1,454,914
			23,132,833	11,913	61,522	1,815,262	826,892	17,980	36,011	838,364
			10,063,355	4,693	6	701,662	157,884	554	21,233	216,100
			13,069,478	7,220	61,516	1,113,600	669,008	17,426	14,778	622,264
			86,808,916	6,450,374	1,134,472	5,084,083	318,650	166,299	601,186	1,024,411
			16,950,698	274,334	0	743,287	16,587	3,576	125,793	195,065
			69,858,218	6,176,040	1,134,472	4,340,796	302,063	162,723	475,393	829,346
			47,845,067	65,104	9,396,415	3,279,868	13,942,002	236,255	112,815	3,259
			4,457,433	5,787	1,206,405	30,800	0	56,700	14,886	0
			43,387,634	59,317	8,190,010	3,249,068	13,942,002	179,555	97,929	3,259
			4,837,193	182,178	721	1,012,272	0	229,558	7,249	0
			600,756	0	0	0	0	0	456	0
			4,236,437	182,178	721	1,012,272	0	229,558	6,793	0
			125,998,249	0	87,240,921	16,184,169	20,815,088	38,508	100,279	0
			7,056,008	0	7,033,418	0	0	0	0	0
			118,942,241	0	80,207,503	16,184,169	20,815,088	38,508	100,279	0
			10,230,384	118,905	2,354,898	481,017	10,985	9,564	42,165	45
			844,019	0	0	0	0	0	11,653	0
			9,386,365	118,905	2,354,898	481,017	10,985	9,564	30,512	45
			9,424,759	58,097	3,616,517	381,071	947,849	315,253	174	0
			738,943	0	0	0	77,376	0	0	0
			8,685,816	58,097	3,616,517	381,071	870,473	315,253	174	0
			25,977,970	2,129,052	77,348	839,340	144,478	139,214	525,195	0
			5,450,102	963,561	0	0	0	15,871	298	0
			20,527,868	1,165,491	77,348	839,340	144,478	123,343	524,897	0
			1,565,557	0	0	63,429	58,233	40	123	0
			36,184	0	0	0	0	0	0	0
			1,529,373	0	0	63,429	58,233	40	123	0
			22,587,171	533,998	2,884,593	75,198	34,399	132,763	1,363	0
			4,194,556	0	0	0	0	0	0	0
			18,392,615	533,998	2,884,593	75,198	34,399	132,763	1,363	0
			68,418,441	656,922	2,403,104	411,412	406,593	20,345	1,525	0
			31,395,790	0	0	971	0	0	0	0
			37,022,651	656,922	2,403,104	410,441	406,593	20,345	1,525	0
			283,885	0	0	0	0	0	0	0
			38,392	0	0	0	0	0	0	0
			245,493	0	0	0	0	0	0	0

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by Area

Unit:R/T

import								
Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks	Iron Ores
11,575,253	60,515,567	6,189,893	5,809,314	14,160,953	806,320	5,846,553	1,484,448	42,103,556
4,416,796	24,537,424	178,336	498,580	1,161,815	118,445	630,702	196,063	22,406,858
7,158,457	35,978,143	6,011,557	5,310,734	12,999,138	687,875	5,215,851	1,288,385	19,696,698
26,849	1,544	540	139,201	1,859,084	30	72,220	68,269	374,034
0	0	271	54,618	273,335	30	22,882	27,931	20,953
26,849	1,544	269	84,583	1,585,749	0	49,338	40,338	353,081
7,228,638	25,916,753	922,191	1,376,806	3,555,951	538,492	2,894,758	850,137	137,226
2,799,921	8,017,460	0	118,377	332,775	118,415	431,772	48,475	35,020
4,428,717	17,899,293	922,191	1,258,429	3,223,176	420,077	2,462,986	801,662	102,206
468,623	7,524,616	132,226	2,034,528	1,499,691	34,615	679,414	41,407	604,754
24,175	2,017,966	28,568	157,537	161,991	0	83,471	16,146	0
444,448	5,506,650	103,658	1,876,991	1,337,700	34,615	595,943	25,261	604,754
0	0	0	7,180	161,370	0	414,659	1,091	1,329,925
0	0	0	3,069	120	0	1,263	0	496,801
0	0	0	4,111	161,250	0	413,396	1,091	833,124
0	0	0	1,333	125,203	0	4,573	318	0
0	0	0	919	0	0	0	0	0
0	0	0	414	125,203	0	4,573	318	0
0	0	311,669	155,890	180,249	123	105,544	55,913	30,028
0	0	0	64,170	0	0	33,911	14,681	0
0	0	311,669	91,720	180,249	123	71,633	41,232	30,028
1,697	0	12,161	152,213	689,692	0	1,669	5,832	1,480,154
0	0	0	4,818	44,275	0	0	0	576,325
1,697	0	12,161	147,395	645,417	0	1,669	5,832	903,829
471,675	3,886,633	514,221	1,394,863	1,098,321	0	940,000	74,167	720,699
471,137	2,372,288	30,657	66,635	55,311	0	57,312	2,608	192,372
538	1,514,345	483,564	1,328,228	1,043,010	0	882,688	71,559	528,327
26	0	0	14,361	643,323	0	37,517	4,141	0
0	0	0	0	0	0	0	1,108	0
26	0	0	14,361	643,323	0	37,517	3,033	0
964,502	89,599	60,880	161,281	1,448,705	0	663,289	106,862	11,090,273
178,242	0	13,469	2,959	69,987	0	0	90	3,927,301
786,260	89,599	47,411	158,322	1,378,718	0	663,289	106,772	7,162,972
2,413,243	23,096,422	4,236,005	371,658	2,877,053	233,060	32,910	88,794	26,336,463
943,321	12,129,710	105,371	25,478	224,021	0	91	46,632	17,158,086
1,469,922	10,966,712	4,130,634	346,180	2,653,032	233,060	32,819	42,162	9,178,377
0	0	0	0	22,311	0	0	187,517	0
0	0	0	0	0	0	0	38,392	0
0	0	0	0	22,311	0	0	149,125	0

Note: Transportation by Korean flags include transportation by BBC/HP
Source : Shipping & Logistics Bureau

3.

Export and Import Cargo Transportation

Districts	Items							
	Flag	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron, Steel and Articles Thereof
		2,015,782	5,516,052	1,600,720	822,351	963,983	4,580,979	22,012,310
		258,534	2,370,034	61,148	200,532	42,191	481,143	6,050,720
		1,757,248	3,146,018	1,539,572	621,819	921,792	4,099,836	15,961,590
		372,558	2,529,305	26,505	169,982	44,341	1,275,375	8,894,784
		154,792	1,529,082	16,541	79,884	42,067	401,627	4,369,838
		217,766	1,000,223	9,964	90,098	2,274	873,748	4,524,946
		755,218	1,927,691	430,765	171,095	566,207	648,362	5,058,505
		84,487	633,371	24,260	85,951	88	52,454	794,321
		670,731	1,294,320	406,505	85,144	566,119	595,908	4,264,184
		119,400	691,696	139,742	18,514	293,302	22,510	628,776
		2,697	188,951	17,581	1,381	0	0	11,506
		116,703	502,745	122,161	17,133	293,302	22,510	617,270
		35,285	5,450	148,753	1,800	27,166	0	390,634
		398	456	2,557	1,663	0	0	748
		34,887	4,994	146,196	137	27,166	0	389,886
		417	411	6,908	3,387	8,118	0	31,022
		0	0	132	719	0	0	0
		417	411	6,776	2,668	8,118	0	31,022
		224,853	180,769	586,865	294,340	281	475,680	1,261,489
		13,711	16,193	24	30,598	0	0	78,695
		211,142	164,576	586,841	263,742	281	475,680	1,182,794
		57,244	15,879	14,482	4,556	652	82,706	877,437
		0	0	0	0	0	0	0
		57,244	15,879	14,482	4,556	652	82,706	877,437
		154,146	100,888	196,722	78,593	23,914	1,781,492	873,925
		2,449	1,981	53	272	36	27,062	141,408
		151,697	98,907	196,669	78,321	23,878	1,754,430	732,517
		5,515	12,370	12,980	58,006	0	73,589	125,685
		0	0	0	0	0	0	0
		5,515	12,370	12,980	58,006	0	73,589	125,685
		69,433	19,276	13,901	19,449	2	31,336	1,907,875
		0	0	0	0	0	0	0
		69,433	19,276	13,901	19,449	2	31,336	1,907,875
		221,713	32,227	23,097	2,629	0	185,923	1,962,178
		0	0	0	64	0	0	654,204
		221,713	32,227	23,097	2,565	0	185,923	1,307,974
		0	90	0	0	0	4,006	0
		0	0	0	0	0	0	0
		0	90	0	0	0	4,006	0

(4 - 2)
by Area

Unit:R/T

import								
Meat	Products of The Milling industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
79,142	751,228	5,192,909	2,258,335	10,054,949	1,196,587	608,522	25,100,951	4,754,481
12,673	43,836	196,855	195,665	1,219,731	229,209	3,934	4,209,343	226,713
66,469	707,392	4,996,054	2,062,670	8,835,218	967,378	604,588	20,891,608	4,527,768
8,216	11,975	19,767	40	1,516,394	322,306	1,427	1,663,877	126,266
461	8,139	8,112	0	787,021	120,095	382	1,020,717	22,445
7,755	3,836	11,655	40	729,373	202,211	1,045	643,160	103,821
28,873	216,679	1,791,626	61,302	1,389,241	509,971	596,577	13,212,720	1,243,657
3,750	1,806	117,235	133	269,639	82,707	2,011	1,421,649	115,979
25,123	214,873	1,674,391	61,169	1,119,602	427,264	594,566	11,791,071	1,127,678
430	31,080	708,351	773,670	1,145,011	221,419	1,127	2,493,625	500,822
0	46	28,805	25,532	32,921	9,700	30	316,107	17,744
430	31,034	679,546	748,138	1,112,090	211,719	1,097	2,177,518	483,078
0	49,411	251,890	60,889	154,655	5,872	56	317,509	41,620
0	30,366	500	0	4,065	516	0	57,722	56
0	19,045	251,390	60,889	150,590	5,356	56	259,787	41,564
0	1,122	288	0	1,215,945	2,052	293	170,167	47,727
0	685	39	0	93	89	151	19,763	0
0	437	249	0	1,215,852	1,963	142	150,404	47,727
134	187,742	191,937	115	558,144	39,228	241	1,640,778	730,793
0	1,541	16,218	0	122,612	9,450	0	373,675	56,887
134	186,201	175,719	115	435,532	29,778	241	1,267,103	673,906
1,198	4,250	4,829	155,000	104,733	3,111	1,197	75,908	359,198
0	733	0	35,000	296	0	0	120	0
1,198	3,517	4,829	120,000	104,437	3,111	1,197	75,788	359,198
38,412	75,405	1,499,325	44	2,655,755	71,756	7,413	4,536,208	928,766
8,462	520	25,946	0	1,151	6,652	1,360	994,441	10,259
29,950	74,885	1,473,379	44	2,654,604	65,104	6,053	3,541,767	918,507
0	38	6,339	316,750	6,544	251	0	99,785	26,512
0	0	0	35,000	0	0	0	76	0
0	38	6,339	281,750	6,544	251	0	99,709	26,512
61	79,969	691,882	0	793,501	4,350	47	428,158	280,226
0	0	0	0	0	0	0	20	2,488
61	79,969	691,882	0	793,501	4,350	47	428,138	277,738
1,818	93,557	26,675	890,525	445,220	16,271	144	462,216	468,739
0	0	0	100,000	1,933	0	0	5,053	855
1,818	93,557	26,675	790,525	443,287	16,271	144	457,163	467,884
0	0	0	0	69,806	0	0	0	155
0	0	0	0	0	0	0	0	0
0	0	0	0	69,806	0	0	0	155

3.

Export and Import Cargo Transportation

Districts	Items		Total	Cereals	(), Crude Petroleum Oils	Product of Petroleum Oils	가 가 Petroleum Gases and Other Gases	Animal or Vegetable Fats and Oils	Fertilizers	Cement
	Flag									
			159,162,096	52,092	1,887,149	31,126,680	1,606,026	2,203,350	1,206,796	3,085,494
			25,000,164	130	3,737	3,897,769	296,564	700,215	77,168	359,207
			134,161,932	51,962	1,883,412	27,228,911	1,309,462	1,503,135	1,129,628	2,726,287
			22,837,267	754	94,128	10,609,580	387,619	616,845	57,885	796,085
			7,905,875	94	724	1,620,997	88,367	180,727	10,294	323,594
			14,931,392	660	93,404	8,988,583	299,252	436,118	47,591	472,491
			56,334,736	5,781	1,153,180	13,500,173	1,010,408	803,359	49,291	4,724
			10,182,364	36	3,013	2,160,582	192,987	245,269	1,307	0
			46,152,372	5,745	1,150,167	11,339,591	817,421	558,090	47,984	4,724
			19,950,380	419	0	3,320,790	200,056	772,268	993,636	70,289
			2,271,465	0	0	77,108	15,210	274,219	57,285	26,213
			17,678,915	419	0	3,243,682	184,846	498,049	936,351	44,076
			1,981,743	0	0	232,001	0	1,786	39,512	102,623
			108,539	0	0	0	0	0	0	0
			1,873,204	0	0	232,001	0	1,786	39,512	102,623
			7,726,128	0	0	94,486	1,508	0	1,162	11,602
			542,708	0	0	0	0	0	0	9,400
			7,183,420	0	0	94,486	1,508	0	1,162	2,202
			12,598,671	24,459	0	212,574	0	89	13,755	0
			1,626,784	0	0	0	0	0	7,852	0
			10,971,887	24,459	0	212,574	0	89	5,903	0
			2,702,342	9,534	0	69,367	0	69	2,127	401,140
			26,521	0	0	0	0	0	0	0
			2,675,821	9,534	0	69,367	0	69	2,127	401,140
			25,612,128	11,093	639,841	1,790,142	6,435	8,321	22,939	1,699,031
			2,160,482	0	0	20,107	0	0	430	0
			23,451,646	11,093	639,841	1,770,035	6,435	8,321	22,509	1,699,031
			3,140,121	52	0	146,281	0	0	3,261	0
			49,856	0	0	0	0	0	0	0
			3,090,265	52	0	146,281	0	0	3,261	0
			2,424,038	0	0	345,905	0	0	10,792	0
			57,099	0	0	0	0	0	0	0
			2,366,939	0	0	345,905	0	0	10,792	0
			3,786,034	0	0	803,706	0	613	12,436	0
			66,610	0	0	18,975	0	0	0	0
			3,719,424	0	0	784,731	0	613	12,436	0
			68,508	0	0	1,675	0	0	0	0
			1,861	0	0	0	0	0	0	0
			66,647	0	0	1,675	0	0	0	0

(4 - 3)
by Area

Unit:R/T

export								
Anthracite	Bituminous Coal	Woods in the Rough	Wood and Articles of wood	Other Ores	Natural Sands	Prepared Foodstuffs	Fish, Crustaceans and Mollusks	Iron Ores
8,786	0	24,750	981,199	573,285	39	954,690	188,077	88,256
0	0	98	109,272	191,745	0	158,830	49,358	49,244
8,786	0	24,652	871,927	381,540	39	795,860	138,719	39,012
50	0	583	38,835	131,202	0	127,555	85,300	46,509
0	0	98	14,237	63,178	0	62,227	34,207	46,509
50	0	485	24,598	68,024	0	65,328	51,093	0
146	0	902	732,922	165,420	39	581,394	46,340	18,203
0	0	0	92,006	118,967	0	84,786	2,583	2,735
146	0	902	640,916	46,453	39	496,608	43,757	15,468
5,818	0	3,008	66,548	105,671	0	40,821	12,900	7,370
0	0	0	498	0	0	2,194	1,408	0
5,818	0	3,008	66,050	105,671	0	38,627	11,492	7,370
122	0	0	31,833	4,518	0	866	228	0
0	0	0	1,710	0	0	0	0	0
122	0	0	30,123	4,518	0	866	228	0
0	0	561	1,154	40,837	0	6,913	177	0
0	0	0	0	9,000	0	295	0	0
0	0	561	1,154	31,837	0	6,618	177	0
975	0	7,099	56,612	454	0	91,161	10,054	0
0	0	0	0	0	0	9,288	8,737	0
975	0	7,099	56,612	454	0	81,873	1,317	0
1,443	0	1,268	17,084	4,416	0	7,424	2,289	266
0	0	0	0	0	0	0	225	0
1,443	0	1,268	17,084	4,416	0	7,424	2,064	266
39	0	987	26,505	68,337	0	74,130	7,907	15,908
0	0	0	0	0	0	13	114	0
39	0	987	26,505	68,337	0	74,117	7,793	15,908
49	0	180	8,104	114	0	6,255	2,634	0
0	0	0	821	0	0	27	37	0
49	0	180	7,283	114	0	6,228	2,597	0
0	0	0	0	5,000	0	5,460	3,403	0
0	0	0	0	0	0	0	0	0
0	0	0	0	5,000	0	5,460	3,403	0
144	0	10,162	1,582	47,316	0	12,619	6,191	0
0	0	0	0	600	0	0	186	0
144	0	10,162	1,582	46,716	0	12,619	6,005	0
0	0	0	20	0	0	92	10,654	0
0	0	0	0	0	0	0	1,861	0
0	0	0	20	0	0	92	8,793	0

Note: Transportation by Korean flags include transportation by BBC/HP
Source : Shipping & Logistics Bureau

3.

Export and Import Cargo Transportation

Districts	Items							
	Flag	Base Metal and Articles thereof	Machinery and Mechanical Appliances	Electrical Machinery and Parts thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Scrap	Iron, Steel and Articles Thereof
		1,681,118	5,262,203	5,735,184	21,700,542	1,132,812	89,412	15,080,107
		491,340	1,441,767	678,081	739,360	31,093	25,623	4,562,238
		1,189,778	3,820,436	5,057,103	20,961,182	1,101,719	63,789	10,517,869
		590,651	1,594,002	90,305	440,555	2	29,598	2,175,817
		247,640	920,653	14,714	41,550	0	19,708	1,683,078
		343,011	673,349	75,591	399,005	2	9,890	492,739
		679,079	1,896,635	1,374,854	1,363,224	674,677	40,432	5,661,544
		231,977	420,458	88,800	106,325	31,093	2,606	2,084,674
		447,102	1,476,177	1,286,054	1,256,899	643,584	37,826	3,576,870
		44,124	351,853	562,046	1,175,831	373,856	10,631	3,250,333
		9,829	75,058	115,967	137,682	0	1,997	173,945
		34,295	276,795	446,079	1,038,149	373,856	8,634	3,076,388
		8,851	39,957	19,970	26,715	26,849	1,527	307,383
		245	1,225	3,725	129	0	1,312	8,365
		8,606	38,732	16,245	26,586	26,849	215	299,018
		69,691	240,270	1,190,186	2,545,925	50,630	5,545	965,644
		622	194	6,835	45,742	0	0	20,160
		69,069	240,076	1,183,351	2,500,183	50,630	5,545	945,484
		69,897	224,460	1,019,642	5,682,049	198	210	394,558
		1,027	19,060	425,530	303,753	0	0	73,663
		68,870	205,400	594,112	5,378,296	198	210	320,895
		42,881	249,439	75,971	417,484	3,596	1,089	167,819
		0	0	57	3,117	0	0	4,916
		42,881	249,439	75,914	414,367	3,596	1,089	162,903
		100,935	319,653	1,096,820	8,361,920	886	380	1,550,595
		0	975	11,641	49,799	0	0	511,576
		100,935	318,678	1,085,179	8,312,121	886	380	1,039,019
		1,662	120,416	107,386	722,539	2,118	0	267,147
		0	4,072	10,680	246	0	0	59
		1,662	116,344	96,706	722,293	2,118	0	267,088
		289	48,118	73,188	464,589	0	0	72,788
		0	47	132	50,949	0	0	0
		289	48,071	73,056	413,640	0	0	72,788
		73,058	166,555	124,816	499,245	0	0	223,593
		0	25	0	68	0	0	1,802
		73,058	166,530	124,816	499,177	0	0	221,791
		0	10,845	0	466	0	0	42,886
		0	0	0	0	0	0	0
		0	10,845	0	466	0	0	42,886

(4 - 4)
by Area

Unit:R/T

export								
Meat	Products of The Milling industry	Other Animal and Vegetable Products	Sugars	Products of The Chemical	Plastic,Rubber and Articles Thereof	Leather and Articles Thereof	Textiles and Textile Articles	Others
37,745	122,748	702,725	80,361	8,999,426	4,405,782	504,379	44,734,555	4,906,328
1,479	1,277	37,709	3,236	2,764,289	621,675	20,682	7,475,190	211,788
36,266	121,471	665,016	77,125	6,235,137	3,784,107	483,697	37,259,365	4,694,540
10,307	16,643	125,820	9,978	1,497,059	191,191	4,021	2,979,388	89,000
1,159	983	34,538	171	745,792	93,798	300	1,625,879	30,659
9,148	15,660	91,282	9,807	751,267	97,393	3,721	1,353,509	58,341
22,057	17,112	184,508	33,363	5,035,458	2,525,769	488,323	17,220,527	1,044,892
76	229	2,741	3,065	1,802,314	414,943	19,967	2,016,906	51,919
21,981	16,883	181,767	30,298	3,233,144	2,110,826	468,356	15,203,621	992,973
9	8,083	15,494	25,788	1,042,829	339,854	6,494	6,822,352	321,209
0	0	14	0	200,054	53,716	0	941,089	107,979
9	8,083	15,480	25,788	842,775	286,138	6,494	5,881,263	213,230
0	0	2,286	602	112,164	19,966	1,001	838,860	162,123
0	0	0	0	13,136	101	0	71,782	6,809
0	0	2,286	602	99,028	19,865	1,001	767,078	155,314
0	59	6,947	77	138,593	233,895	166	1,812,870	307,230
0	0	0	0	63	3,344	112	445,784	1,157
0	59	6,947	77	138,530	230,551	54	1,367,086	306,073
306	15,658	90,527	10,487	173,103	320,108	91	3,218,845	961,300
191	65	0	0	1,219	35,277	0	740,780	342
115	15,593	90,527	10,487	171,884	284,831	91	2,478,065	960,958
1,334	5,561	18,641	0	101,863	32,383	879	596,134	470,841
0	0	0	0	0	163	45	16,243	1,755
1,334	5,561	18,641	0	101,863	32,220	834	579,891	469,086
3,205	29,285	242,106	57	486,910	515,052	1,393	7,830,402	700,914
0	0	385	0	1,543	15,564	0	1,542,889	5,446
3,205	29,285	241,721	57	485,367	499,488	1,393	6,287,513	695,468
433	0	416	9	35,725	88,240	1,989	1,455,001	170,110
53	0	31	0	168	2,352	258	29,268	1,784
380	0	385	9	35,557	85,888	1,731	1,425,733	168,326
32	63	619	0	107,810	110,994	0	1,060,809	114,179
0	0	0	0	0	77	0	1,956	3,938
32	63	619	0	107,810	110,917	0	1,058,853	110,241
61	30,284	15,354	0	267,858	28,251	22	898,292	563,876
0	0	0	0	0	2,340	0	42,614	0
61	30,284	15,354	0	267,858	25,911	22	855,678	563,876
1	0	7	0	54	79	0	1,075	654
0	0	0	0	0	0	0	0	0
1	0	7	0	54	79	0	1,075	654

4. ()
Cargo Transportation by Coastal Passenger Ship

Unit: R/T

Year & Month	Total	Inch'ön	Daesan	Kunsan	Mokp'ö	Yösu	Masan	Busan	Ulsan	P'ohang	Tonghae	Cheju
1994	1,380,442	12,083	0	25,740	640,976	15,806	47,953	212,985	0	35,498	0	389,401
1995	1,553,777	96,101	0	10,741	655,709	29,434	66,370	197,583	0	27,193	0	470,646
1996	2,144,002	265,523	112	13,840	1,156,220	59,188	55,533	195,259	0	5,785	0	392,542
1997	2,472,058	315,449	9,348	21,515	1,141,421	150,212	89,951	200,600	0	5,283	0	538,279
1998	2,049,820	292,289	48,268	19,398	877,000	2,262	89,441	165,674	0	3,506	0	551,982
1999	2,269,414	380,627	20,633	23,700	961,544	14,152	139,439	202,281	0	3,778	0	523,260
2000	2,477,491	538,526	26,383	38,060	1,018,250	55,891	132,971	193,015	0	3,943	375	470,077
2001	2,813,011	600,621	42,078	45,441	1,099,115	79,087	278,710	189,924	0	3,790	0	474,245
2002	3,228,407	649,367	35,152	47,003	1,292,564	97,140	425,404	191,411	0	4,024	0	486,342
2003	3,533,198	782,415	30,999	69,509	1,470,582	134,511	469,961	155,316	0	3,782	0	416,123
1	252,475	55,526	1,576	1,504	101,703	7,146	37,462	14,324	0	304	0	32,930
2	250,896	45,779	1,806	1,572	101,328	8,625	36,276	14,159	0	169	0	41,182
3	246,015	47,070	2,153	2,154	116,380	8,419	14,633	12,861	0	297	0	42,048
4	265,197	56,979	2,536	3,439	109,613	7,346	36,173	13,072	0	291	0	35,748
5	295,005	68,615	2,732	5,441	122,892	6,840	44,369	12,767	0	367	0	30,982
6	286,736	65,387	2,592	5,336	128,292	7,294	40,575	12,613	0	328	0	24,319
7	342,866	74,096	4,053	7,543	148,706	9,476	49,535	13,075	0	343	0	36,039
8	468,893	86,024	5,064	11,975	210,664	11,220	67,443	14,716	0	422	0	61,365
9	301,761	62,305	2,463	4,020	115,824	43,772	31,806	10,108	0	302	0	31,161
10	267,420	77,304	2,507	4,373	95,612	8,403	40,933	11,168	0	345	0	26,775
11	281,684	70,328	2,074	12,724	110,411	7,653	38,578	11,982	0	280	0	27,654
12	274,250	73,002	1,443	9,428	109,157	8,317	32,178	14,471	0	334	0	25,920

Source: Shipping & Logistics Bureau

1.

Container Transportation

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	14,061	5,946	20,007	1,242,169	282,570	1,524,739	958,281	183,183	1,141,464
1995	13,213	5,940	19,153	1,461,957	310,252	1,772,209	1,130,380	215,747	1,346,127
1996	13,293	6,651	19,944	1,525,611	363,990	1,889,601	1,232,813	252,914	1,485,727
1997	14,016	6,554	20,570	1,705,959	428,200	2,134,159	1,344,127	306,619	1,650,746
1998	12,626	5,851	18,477	1,735,731	716,124	2,451,855	1,322,904	482,245	1,805,149
1999	12,888	6,143	19,031	1,995,219	658,887	2,654,106	1,656,113	485,142	2,141,255
2000	15,166	6,517	21,683	2,572,830	725,158	3,297,988	2,322,780	594,323	2,917,103
2001	13,661	7,108	20,769	2,849,602	760,052	3,609,654	2,547,794	604,238	3,152,032
2002	221,279	49,739	271,018	3,302,749	794,692	4,097,441	3,145,600	639,325	3,784,925
2003	238,254	52,923	291,177	3,506,061	903,689	4,409,750	3,463,414	792,191	4,255,605
1	38,319	6,781	45,100	278,529	68,487	347,016	281,587	66,455	348,042
2	24,390	4,070	28,460	248,849	69,159	318,008	252,473	61,506	313,979
3	26,517	6,286	32,803	311,037	73,108	384,145	319,557	62,683	382,240
4	19,627	4,517	24,144	301,534	69,623	371,157	311,670	66,995	378,665
5	16,753	3,033	19,786	295,647	77,051	372,698	288,730	66,783	355,513
6	13,744	3,707	17,451	299,319	77,325	376,644	282,465	68,121	350,586
7	8,854	3,580	12,434	288,911	80,106	369,017	286,885	66,762	353,647
8	8,565	3,931	12,496	278,230	76,788	355,018	267,704	60,436	328,140
9	7,948	3,405	11,353	275,499	71,312	346,811	272,724	59,148	331,872
10	12,960	5,011	17,971	309,690	84,019	393,709	308,818	68,964	377,782
11	26,113	4,249	30,362	304,156	77,113	381,269	289,533	71,084	360,617
12	34,464	4,353	38,817	314,660	79,598	394,258	301,268	73,254	374,522

: 10' , 1994
 1993 35'
 :

()
(Total)

Total									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
6,229	2,784	9,013	2,220,740	474,483	2,695,223	57,595,088	3,179,290	656,865	3,836,155
5,289	1,952	7,241	2,610,839	533,891	3,144,730	65,616,007	3,740,305	747,759	4,488,064
7,918	7,369	15,287	2,779,635	630,924	3,410,559	72,542,579	4,012,465	885,832	4,898,297
7,832	7,911	15,743	3,071,934	749,284	3,821,218	81,687,272	4,416,929	1,058,111	5,475,040
12,449	5,453	17,902	3,083,710	1,209,673	4,293,383	81,454,136	4,407,491	1,694,577	6,102,068
12,069	7,886	19,955	3,676,289	1,158,058	4,834,347	98,975,434	5,331,630	1,641,329	6,972,959
17,241	6,088	23,329	4,928,017	1,332,086	6,260,103	129,792,031	7,262,341	1,928,766	9,191,107
21,885	9,735	31,620	5,432,942	1,381,133	6,814,075	147,526,724	7,998,110	1,992,001	9,990,111
30,238	11,010	41,248	6,699,866	1,494,766	8,194,632	197,598,220	9,767,607	2,122,191	11,889,798
34,936	18,074	53,010	7,242,665	1,766,877	9,009,542	206,196,020	10,630,652	2,555,219	13,185,871
3,482	1,633	5,115	601,917	143,356	745,273	15,399,387	868,685	208,459	1,077,144
2,215	996	3,211	527,927	135,731	663,658	13,785,855	770,951	196,440	967,391
3,046	1,802	4,848	660,157	143,879	804,036	17,515,790	970,251	205,830	1,176,081
3,440	2,365	5,805	636,271	143,500	779,771	17,604,849	942,410	211,177	1,153,587
3,389	2,278	5,667	604,519	149,145	753,664	16,830,056	888,995	217,353	1,106,348
3,083	1,470	4,553	598,611	150,623	749,234	17,059,941	878,048	218,722	1,096,770
3,209	1,520	4,729	587,859	151,968	739,827	16,888,789	874,323	218,835	1,093,158
2,631	1,889	4,520	557,130	143,044	700,174	16,533,370	823,803	203,811	1,027,614
3,020	1,234	4,254	559,191	135,099	694,290	16,809,656	831,787	193,992	1,025,779
2,591	752	3,343	634,059	158,746	792,805	20,480,704	939,835	226,141	1,165,976
2,122	1,105	3,227	621,924	153,551	775,475	18,214,577	901,056	223,877	1,124,933
2,708	1,030	3,738	653,100	158,235	811,335	19,073,046	940,508	230,582	1,171,090

Note: Statistics of 10' standard containers and cabotage containers was prepared starting 1994.
Statistics of 35' standard containers before 1993 is classified under others

Source: Shipping & Logistics Bureau

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	4,610	5,333	9,943	475,118	215,686	690,804	364,120	110,297	474,417
1995	4,168	5,151	9,319	538,212	252,223	790,435	428,049	128,798	556,847
1996	4,444	5,500	9,944	536,740	307,089	843,829	443,471	160,184	603,655
1997	5,257	4,406	9,663	565,351	373,484	938,835	451,387	224,624	676,011
1998	4,130	4,983	9,113	389,896	638,512	1,028,408	324,336	407,206	731,542
1999	4,271	5,186	9,457	557,583	554,652	1,112,235	492,537	371,134	863,671
2000	5,151	5,674	10,825	994,742	608,286	1,603,028	964,068	433,585	1,397,653
2001	4,280	6,041	10,321	702,620	584,963	1,287,583	584,574	410,294	994,868
2002	4,836	5,131	9,967	852,671	577,566	1,430,237	718,382	373,002	1,091,384
2003	5,085	4,381	9,466	894,337	688,838	1,583,175	727,687	516,546	1,244,233
	2,303	2,105	4,408	160,166	143,736	303,902	136,039	93,195	229,234
	2,782	2,276	5,058	734,171	545,102	1,279,273	591,648	423,351	1,014,999
1	334	427	761	69,124	48,123	117,247	59,712	39,830	99,542
	182	204	386	11,953	10,835	22,788	10,875	6,947	17,822
	152	223	375	57,171	37,288	94,459	48,837	32,883	81,720
2	418	469	887	57,940	52,331	110,271	51,175	36,972	88,147
	194	264	458	11,075	10,859	21,934	9,289	6,233	15,522
	224	205	429	46,865	41,472	88,337	41,886	30,739	72,625
3	486	527	1,013	81,086	54,742	135,828	69,865	39,831	109,696
	222	211	433	13,511	9,204	22,715	11,429	6,101	17,530
	264	316	580	67,575	45,538	113,113	58,436	33,730	92,166
4	417	415	832	77,261	52,614	129,875	64,149	44,326	108,475
	222	210	432	12,846	11,504	24,350	11,641	9,481	21,122
	195	205	400	64,415	41,110	105,525	52,508	34,845	87,353

Arrival (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
2,491	1,566	4,057	846,339	332,882	1,179,221	19,521,687	1,211,308	441,798	1,653,106
2,817	770	3,587	973,246	386,942	1,360,188	22,125,029	1,402,555	513,433	1,915,988
4,903	660	5,563	989,558	473,433	1,462,991	24,387,287	1,434,850	631,256	2,066,106
4,099	1,249	5,348	1,026,094	603,763	1,629,857	25,403,330	1,479,494	826,849	2,306,343
3,132	2,020	5,152	721,494	1,052,721	1,774,215	17,329,405	1,047,343	1,460,037	2,507,380
4,770	4,382	9,152	1,059,161	935,354	1,994,515	26,346,457	1,550,928	1,301,065	2,851,993
9,052	2,896	11,948	1,973,013	1,050,441	3,023,454	52,172,744	2,944,779	1,483,351	4,428,130
5,832	5,374	11,206	1,297,306	1,006,672	2,303,978	33,273,127	1,886,093	1,419,461	3,305,554
7,552	4,776	12,328	1,583,441	960,475	2,543,916	59,067,319	2,309,031	1,336,450	3,645,481
7,070	7,994	15,064	1,634,179	1,217,759	2,851,938	44,452,276	2,368,148	1,742,073	4,110,221
824	775	1,599	299,332	239,811	539,143	7,829,813	435,226	332,904	768,130
6,246	7,219	13,465	1,334,847	977,948	2,312,795	36,622,463	1,932,922	1,409,169	3,342,091
537	806	1,343	129,707	89,186	218,893	3,414,727	189,924	129,807	319,731
55	334	389	23,065	18,320	41,385	600,471	33,917	25,581	59,498
482	472	954	106,642	70,866	177,508	2,814,256	156,007	104,226	260,233
511	610	1,121	110,044	90,382	200,426	2,897,417	161,644	127,876	289,520
48	53	101	20,606	17,409	38,015	539,987	29,855	23,574	53,429
463	557	1,020	89,438	72,973	162,411	2,357,430	131,789	104,302	236,091
682	1,006	1,688	152,119	96,106	248,225	4,022,939	222,595	136,927	359,522
44	150	194	25,206	15,666	40,872	643,471	36,577	21,847	58,424
638	856	1,494	126,913	80,440	207,353	3,379,468	186,018	115,080	301,098
607	847	1,454	142,434	98,202	240,636	3,793,542	207,131	143,371	350,502
80	0	80	24,789	21,195	45,984	631,795	36,417	30,570	66,987
527	847	1,374	117,645	77,007	194,652	3,161,747	170,714	112,801	283,515

Year & Month	Classifi- cation									
		10'			20'			40'		
		Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5		405	252	657	74,990	58,216	133,206	60,134	43,121	103,255
		296	141	437	12,729	12,349	25,078	11,558	7,582	19,140
		109	111	220	62,261	45,867	108,128	48,576	35,539	84,115
6		412	282	694	73,176	60,016	133,192	57,592	41,495	99,087
		93	89	182	13,146	12,171	25,317	10,984	7,477	18,461
		319	193	512	60,030	47,845	107,875	46,608	34,018	80,626
7		437	259	696	71,966	62,582	134,548	58,415	43,453	101,868
		162	93	255	12,810	13,935	26,745	11,747	8,275	20,022
		275	166	441	59,156	48,647	107,803	46,668	35,178	81,846
8		432	255	687	72,056	61,275	133,331	57,193	38,581	95,774
		188	105	293	13,124	11,261	24,385	10,503	6,359	16,862
		244	150	394	58,932	50,014	108,946	46,690	32,222	78,912
9		424	259	683	69,620	55,749	125,369	54,691	41,805	96,496
		189	102	291	13,181	11,917	25,098	10,435	7,683	18,118
		235	157	392	56,439	43,832	100,271	44,256	34,122	78,378
10		444	357	801	78,666	64,879	143,545	63,375	49,155	112,530
		182	156	338	14,829	13,361	28,190	12,526	9,421	21,947
		262	201	463	63,837	51,518	115,355	50,849	39,734	90,583
11		416	447	863	82,782	58,382	141,164	63,465	48,250	111,715
		163	268	431	14,927	13,363	28,290	11,525	8,233	19,758
		253	179	432	67,855	45,019	112,874	51,940	40,017	91,957
12		460	432	892	85,670	59,929	145,599	67,921	49,727	117,648
		210	262	472	16,035	12,977	29,012	13,527	9,403	22,930
		250	170	420	69,635	46,952	116,587	54,394	40,324	94,718

Arrival (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
641	726	1,367	136,170	102,315	238,485	3,599,465	196,801	146,316	343,117
47	0	47	24,630	20,072	44,702	636,741	36,096	27,583	63,679
594	726	1,320	111,540	82,243	193,783	2,962,724	160,705	118,733	279,438
693	332	1,025	131,873	102,125	233,998	3,490,108	190,125	143,891	334,016
64	40	104	24,287	19,777	44,064	632,536	35,303	27,258	62,561
629	292	921	107,586	82,348	189,934	2,857,572	154,822	116,633	271,455
661	558	1,219	131,479	106,852	238,331	3,520,878	190,503	150,868	341,371
100	96	196	24,819	22,399	47,218	689,700	36,607	30,744	67,351
561	462	1,023	106,660	84,453	191,113	2,831,178	153,896	120,124	274,020
546	862	1,408	130,227	100,973	231,200	3,459,695	187,888	140,501	328,389
87	31	118	23,902	17,756	41,658	617,640	34,418	24,099	58,517
459	831	1,290	106,325	83,217	189,542	2,842,055	153,470	116,402	269,872
486	660	1,146	125,221	98,473	223,694	3,451,381	180,398	140,880	321,278
82	26	108	23,887	19,728	43,615	618,924	34,329	27,391	61,720
404	634	1,038	101,334	78,745	180,079	2,832,457	146,069	113,489	259,558
522	457	979	143,007	114,848	257,855	4,452,259	206,814	164,394	371,208
71	2	73	27,608	22,940	50,548	719,344	40,130	32,285	72,415
451	455	906	115,399	91,908	207,307	3,732,915	166,684	132,109	298,793
531	583	1,114	147,194	107,662	254,856	3,997,526	211,115	156,415	367,530
52	43	95	26,667	21,907	48,574	698,710	38,174	30,059	68,233
479	540	1,019	120,527	85,755	206,282	3,298,816	172,941	126,356	299,297
653	547	1,200	154,704	110,635	265,339	4,352,339	223,210	160,827	384,037
94	0	94	29,866	22,642	52,508	800,494	43,403	31,913	75,316
559	547	1,106	124,838	87,993	212,831	3,551,845	179,807	128,914	308,721

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	9,451	609	10,060	675,064	61,921	736,985	456,123	61,940	518,063
1995	9,040	787	9,827	785,496	52,305	837,801	514,989	73,287	588,276
1996	8,844	1,124	9,968	836,066	50,433	886,499	576,701	67,355	644,056
1997	8,759	1,201	9,960	924,156	42,202	966,358	655,494	55,094	710,588
1998	8,496	868	9,364	1,047,425	34,173	1,081,598	734,311	41,863	776,174
1999	8,617	956	9,573	1,062,102	67,341	1,129,443	787,644	86,506	874,150
2000	10,012	843	10,855	1,147,598	86,075	1,233,673	857,016	128,942	985,958
2001	9,373	1,027	10,400	1,177,772	113,617	1,291,389	846,229	139,112	985,341
2002	8,969	1,259	10,228	1,285,027	155,487	1,440,514	924,142	197,682	1,121,824
2003	7,802	1,758	9,560	1,405,302	169,918	1,575,220	1,034,191	201,831	1,236,022
	3,688	777	4,465	265,561	26,453	292,014	173,773	38,316	212,089
	4,114	981	5,095	1,139,741	143,465	1,283,206	860,418	163,515	1,023,933
1	764	138	902	106,664	15,357	122,021	74,183	20,746	94,929
	375	94	469	19,445	2,600	22,045	12,828	2,886	15,714
	389	44	433	87,219	12,757	99,976	61,355	17,860	79,215
2	752	98	850	102,139	12,377	114,516	73,158	17,591	90,749
	327	50	377	19,015	2,083	21,098	12,527	3,442	15,969
	425	48	473	83,124	10,294	93,418	60,631	14,149	74,780
3	819	113	932	117,332	13,641	130,973	91,599	17,155	108,754
	343	46	389	19,140	2,283	21,423	13,281	2,522	15,803
	476	67	543	98,192	11,358	109,550	78,318	14,633	92,951
4	697	118	815	111,606	14,113	125,719	86,790	16,717	103,507
	341	42	383	20,230	1,800	22,030	13,508	2,573	16,081
	356	76	432	91,376	12,313	103,689	73,282	14,144	87,426

Departure (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
3,576	1,135	4,711	1,144,214	125,605	1,269,819	33,198,279	1,599,541	188,012	1,787,553
2,352	1,118	3,470	1,311,877	127,497	1,439,374	36,756,654	1,824,559	201,132	2,025,691
2,391	4,614	7,005	1,424,002	123,526	1,547,528	40,348,417	1,998,235	193,050	2,191,285
3,257	4,424	7,681	1,591,666	102,921	1,694,587	45,212,283	2,245,464	159,517	2,404,981
3,651	2,270	5,921	1,793,883	79,174	1,873,057	51,227,901	2,528,365	122,153	2,650,518
4,661	3,042	7,703	1,863,024	157,845	2,020,869	54,986,358	2,647,478	247,339	2,894,817
3,993	2,933	6,926	2,018,619	218,793	2,237,412	54,307,323	2,874,454	350,448	3,224,902
6,005	3,230	9,235	2,039,379	256,986	2,296,365	58,986,830	2,886,345	398,851	3,285,196
4,643	4,776	9,419	2,222,781	359,204	2,581,985	70,207,660	3,147,893	562,236	3,710,129
3,397	5,419	8,816	2,450,692	378,926	2,829,618	75,991,981	3,485,242	586,794	4,072,036
497	1,041	1,538	443,519	66,587	510,106	12,331,561	616,064	105,774	721,838
2,900	4,378	7,278	2,007,173	312,339	2,319,512	63,660,420	2,869,178	481,020	3,350,198
291	784	1,075	181,902	37,025	218,927	5,344,738	256,065	58,682	314,747
44	267	311	32,692	5,847	38,539	931,391	45,386	9,019	54,405
247	517	764	149,210	31,178	180,388	4,413,347	210,679	49,663	260,342
236	279	515	176,285	30,345	206,630	5,189,263	249,356	48,236	297,592
36	73	109	31,905	5,648	37,553	881,897	44,310	9,155	53,465
200	206	406	144,380	24,697	169,077	4,307,366	205,046	39,081	244,127
213	413	626	209,963	31,322	241,285	6,240,601	301,414	49,103	350,517
19	74	93	32,783	4,925	37,708	905,999	45,914	7,515	53,429
194	339	533	177,180	26,397	203,577	5,334,602	255,500	41,588	297,088
256	617	873	199,349	31,565	230,914	5,971,880	286,106	48,994	335,100
42	67	109	34,121	4,482	38,603	975,379	47,508	7,117	54,625
214	550	764	165,228	27,083	192,311	4,996,501	238,598	41,877	280,475

Year & Month	Classifi- cation									
		10'			20'			40'		
		Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5		530	129	659	114,624	14,708	129,332	80,587	15,499	96,086
		363	92	455	20,964	1,832	22,796	13,687	2,819	16,506
		167	37	204	93,660	12,876	106,536	66,900	12,680	79,580
6		527	185	712	122,711	14,234	136,945	84,340	18,161	102,501
		138	64	202	23,661	2,139	25,800	13,996	3,215	17,211
		389	121	510	99,050	12,095	111,145	70,344	14,946	85,290
7		556	177	733	119,850	14,585	134,435	87,281	17,380	104,661
		255	54	309	22,847	1,985	24,832	14,601	3,901	18,502
		301	123	424	97,003	12,600	109,603	72,680	13,479	86,159
8		494	226	720	109,652	12,612	122,264	79,324	16,758	96,082
		233	114	347	19,110	2,002	21,112	13,340	4,316	17,656
		261	112	373	90,542	10,610	101,152	65,984	12,442	78,426
9		571	116	687	112,318	12,177	124,495	88,371	13,492	101,863
		233	49	282	22,750	2,079	24,829	15,201	2,925	18,126
		338	67	405	89,568	10,098	99,666	73,170	10,567	83,737
10		673	192	865	132,460	14,741	147,201	102,288	14,741	117,029
		297	86	383	25,516	2,087	27,603	17,063	2,750	19,813
		376	106	482	106,944	12,654	119,598	85,225	11,991	97,216
11		738	119	857	128,775	16,001	144,776	94,413	16,319	110,732
		405	44	449	27,561	2,919	30,480	17,563	3,291	20,854
		333	75	408	101,214	13,082	114,296	76,850	13,028	89,878
12		681	147	828	127,171	15,372	142,543	91,857	17,272	109,129
		378	42	420	25,322	2,644	27,966	16,178	3,676	19,854
		303	105	408	101,849	12,728	114,577	75,679	13,596	89,275

Departure (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
290	669	959	196,031	31,005	227,036	5,928,282	276,712	47,274	323,986
35	192	227	35,049	4,935	39,984	952,356	48,596	7,947	56,543
255	477	732	160,982	26,070	187,052	4,975,926	228,116	39,327	267,443
320	526	846	207,898	33,106	241,004	6,104,122	292,375	51,835	344,210
71	108	179	37,866	5,526	43,392	1,118,871	51,878	8,843	60,721
249	418	667	170,032	27,580	197,612	4,985,251	240,497	42,992	283,489
440	483	923	208,127	32,625	240,752	6,066,448	295,682	50,523	346,205
82	0	82	37,785	5,940	43,725	1,036,152	52,359	9,814	62,173
358	483	841	170,342	26,685	197,027	5,030,296	243,323	40,709	284,032
301	480	781	189,771	30,076	219,847	6,020,064	269,223	47,321	316,544
40	96	136	32,723	6,528	39,251	907,384	45,993	10,906	56,899
261	384	645	157,048	23,548	180,596	5,112,680	223,230	36,415	259,645
280	157	437	201,540	25,942	227,482	6,344,934	289,977	39,572	329,549
26	15	41	38,210	5,068	43,278	1,038,879	53,326	7,985	61,311
254	142	396	163,330	20,874	184,204	5,306,055	236,651	31,587	268,238
341	165	506	235,762	29,839	265,601	8,570,359	338,141	44,688	382,829
36	63	99	42,912	4,986	47,898	1,193,509	59,868	7,769	67,637
305	102	407	192,850	24,853	217,703	7,376,850	278,273	36,919	315,192
173	436	609	224,099	32,875	256,974	7,211,851	318,374	49,668	368,042
32	30	62	45,561	6,284	51,845	1,254,280	62,971	9,577	72,548
141	406	547	178,538	26,591	205,129	5,957,571	255,403	40,091	295,494
256	410	666	219,965	33,201	253,166	6,999,439	311,817	50,898	362,715
34	56	90	41,912	6,418	48,330	1,135,464	57,955	10,127	68,082
222	354	576	178,053	26,783	204,836	5,863,975	253,862	40,771	294,633

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	0	4	4	15,824	310	16,134	34,633	6,298	40,931
1995	5	2	7	25,751	1,320	27,071	38,042	6,784	44,826
1996	5	27	32	26,113	3,003	29,116	52,086	17,592	69,678
1997	0	947	947	42,856	7,037	49,893	49,185	14,485	63,670
1998	0	0	0	96,347	36,671	133,018	61,141	25,570	86,711
1999	0	0	0	76,341	26,228	102,569	79,538	16,167	95,705
2000	3	0	3	71,801	16,326	88,127	80,627	12,178	92,805
2001	0	0	0	67,447	22,316	89,763	85,644	13,651	99,295
2002	207,457	43,229	250,686	41,322	16,594	57,916	64,772	10,364	75,136
2003	225,349	46,784	272,133	46,507	8,337	54,844	97,597	8,953	106,550
	102,508	23,488	125,996	23,276	5,687	28,963	48,985	5,832	54,817
	122,841	23,296	146,137	23,231	2,650	25,881	48,612	3,121	51,733
1	37,220	6,216	43,436	3,890	1,467	5,357	8,437	764	9,201
	18,869	2,281	21,150	1,988	824	2,812	4,391	404	4,795
	18,351	3,935	22,286	1,902	643	2,545	4,046	360	4,406
2	23,217	3,503	26,720	3,504	1,189	4,693	7,027	640	7,667
	10,351	1,232	11,583	1,652	952	2,604	3,449	511	3,960
	12,866	2,271	15,137	1,852	237	2,089	3,578	129	3,707
3	25,211	5,646	30,857	5,260	493	5,753	10,377	799	11,176
	13,044	1,971	15,015	2,637	416	3,053	5,190	671	5,861
	12,167	3,675	15,842	2,623	77	2,700	5,187	128	5,315
4	18,510	3,984	22,494	4,798	693	5,491	10,782	563	11,345
	9,559	1,699	11,258	2,351	424	2,775	5,363	472	5,835
	8,951	2,285	11,236	2,447	269	2,716	5,419	91	5,510

Coastal									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
145	62	207	50,602	6,674	57,276	871,111	85,433	13,059	98,492
6	0	6	63,804	8,106	71,910	1,044,952	101,846	14,890	116,736
86	336	422	78,290	20,958	99,248	1,207,554	130,380	38,542	168,922
20	60	80	92,061	22,529	114,590	1,618,924	141,246	36,541	177,787
5,063	3	5,066	162,551	62,244	224,795	2,111,574	222,161	87,804	309,965
245	21	266	156,124	42,416	198,540	1,489,332	235,945	58,603	294,548
102	5	107	152,533	28,509	181,042	1,262,487	233,127	40,693	273,820
84	15	99	153,175	35,982	189,157	1,446,142	238,925	49,653	288,578
287	47	334	313,838	70,234	384,072	2,905,907	270,511	58,685	329,196
215	14	229	369,668	64,088	433,756	2,534,091	355,124	49,667	404,791
199	5	204	174,968	35,012	209,980	1,245,435	173,204	29,109	202,313
16	9	25	194,700	29,076	223,776	1,288,656	181,920	20,558	202,478
18	5	23	49,565	8,452	58,017	315,118	39,416	6,115	45,531
18	5	23	25,266	3,514	28,780	153,376	20,246	2,784	23,030
0	0	0	24,299	4,938	29,237	161,742	19,170	3,331	22,501
22	0	22	33,770	5,332	39,102	234,755	29,217	4,221	33,438
22	0	22	15,474	2,695	18,169	103,847	13,776	2,590	16,366
0	0	0	18,296	2,637	20,933	130,908	15,441	1,631	17,072
50	0	50	40,898	6,938	47,836	276,763	38,734	4,915	43,649
50	0	50	20,921	3,058	23,979	134,291	19,653	2,744	22,397
0	0	0	19,977	3,880	23,857	142,472	19,081	2,171	21,252
18	9	27	34,108	5,249	39,357	233,727	35,659	3,827	39,486
17	0	17	17,290	2,595	19,885	119,472	17,896	2,218	20,114
1	9	10	16,818	2,654	19,472	114,255	17,763	1,609	19,372

Year & Month	Classifi- cation									
		10'			20'			40'		
		Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5		15,818	2,652	18,470	3,376	549	3,925	7,372	622	7,994
		7,079	1,318	8,397	1,690	493	2,183	3,621	543	4,164
		8,739	1,334	10,073	1,686	56	1,742	3,751	79	3,830
6		12,805	3,240	16,045	3,682	535	4,217	8,394	573	8,967
		5,402	1,842	7,244	1,854	452	2,306	4,322	315	4,637
		7,403	1,398	8,801	1,828	83	1,911	4,072	258	4,330
7		7,861	3,144	11,005	3,318	334	3,652	9,242	607	9,849
		2,137	2,196	4,333	1,626	235	1,861	4,637	320	4,957
		5,724	948	6,672	1,692	99	1,791	4,605	287	4,892
8		7,638	3,450	11,088	3,293	562	3,855	6,020	625	6,645
		1,715	2,435	4,150	1,672	460	2,132	3,024	529	3,553
		5,923	1,015	6,938	1,621	102	1,723	2,996	96	3,092
9		6,948	3,030	9,978	3,858	470	4,328	6,524	663	7,187
		1,578	2,170	3,748	1,877	355	2,232	3,248	394	3,642
		5,370	860	6,230	1,981	115	2,096	3,276	269	3,545
10		11,841	4,462	16,303	3,902	672	4,574	8,185	923	9,108
		4,094	2,803	6,897	1,927	517	2,444	4,039	690	4,729
		7,747	1,659	9,406	1,975	155	2,130	4,146	233	4,379
11		24,958	3,683	28,641	3,920	418	4,338	7,795	1,220	9,015
		11,690	2,011	13,701	2,048	154	2,202	3,957	579	4,536
		13,268	1,672	14,940	1,872	264	2,136	3,838	641	4,479
12		33,322	3,774	37,096	3,706	955	4,661	7,442	954	8,396
		16,990	1,530	18,520	1,954	405	2,359	3,744	404	4,148
		16,332	2,244	18,576	1,752	550	2,302	3,698	550	4,248

Coastal									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
33	0	33	26,599	3,823	30,422	173,012	26,105	3,119	29,224
33	0	33	12,423	2,354	14,777	84,482	12,547	2,238	14,785
0	0	0	14,176	1,469	15,645	88,530	13,558	881	14,439
29	0	29	24,910	4,348	29,258	171,522	26,939	3,301	30,240
15	0	15	11,593	2,609	14,202	84,479	13,233	2,003	15,236
14	0	14	13,317	1,739	15,056	87,043	13,706	1,298	15,004
15	0	15	20,436	4,085	24,521	153,247	25,768	3,120	28,888
15	0	15	8,415	2,751	11,166	74,172	12,003	1,973	13,976
0	0	0	12,021	1,334	13,355	79,075	13,765	1,147	14,912
13	0	13	16,964	4,637	21,601	125,504	19,185	3,538	22,723
12	0	12	6,423	3,424	9,847	60,432	8,607	2,736	11,343
1	0	1	10,541	1,213	11,754	65,072	10,578	802	11,380
7	0	7	17,337	4,163	21,500	128,794	20,397	3,311	23,708
7	0	7	6,710	2,919	9,629	61,886	9,178	2,228	11,406
0	0	0	10,627	1,244	11,871	66,908	11,219	1,083	12,302
9	0	9	23,937	6,057	29,994	170,832	26,457	4,750	31,207
9	0	9	10,069	4,010	14,079	86,642	12,316	3,299	15,615
0	0	0	13,868	2,047	15,915	84,190	14,141	1,451	15,592
0	0	0	36,673	5,321	41,994	253,176	31,992	4,700	36,692
0	0	0	17,695	2,744	20,439	131,607	15,809	2,318	18,127
0	0	0	18,978	2,577	21,555	121,569	16,183	2,382	18,565
1	0	1	44,471	5,683	50,154	297,641	35,255	4,750	40,005
1	0	1	22,689	2,339	25,028	150,749	17,940	1,978	19,918
0	0	0	21,782	3,344	25,126	146,892	17,315	2,772	20,087

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	0	0	0	76,163	4,653	80,816	103,405	4,648	108,053
1995	0	0	0	112,498	4,404	116,902	149,300	6,878	156,178
1996	0	0	0	126,692	3,465	130,157	160,555	7,783	168,338
1997	0	0	0	173,596	5,477	179,073	188,061	12,416	200,477
1998	0	0	0	202,063	6,768	208,831	203,116	7,606	210,722
1999	0	1	1	299,193	10,666	309,859	296,394	11,335	307,729
2000	0	0	0	358,689	14,471	373,160	421,069	19,618	440,687
2001	0	20	20	463,462	19,409	482,871	537,415	22,146	559,561
2002	1	60	61	577,015	19,101	596,116	745,053	27,329	772,382
2003	5	0	5	592,055	16,187	608,242	828,083	29,226	857,309
	2	0	2	80,943	1,142	82,085	120,992	1,963	122,955
	3	0	3	511,112	15,045	526,157	707,091	27,263	734,354
1	0	0	0	49,074	1,556	50,630	71,041	2,371	73,412
	0	0	0	5,885	46	5,931	8,609	19	8,628
	0	0	0	43,189	1,510	44,699	62,432	2,352	64,784
2	0	0	0	42,685	1,190	43,875	61,809	2,666	64,475
	0	0	0	5,655	39	5,694	7,682	122	7,804
	0	0	0	37,030	1,151	38,181	54,127	2,544	56,671
3	0	0	0	56,521	1,693	58,214	78,882	1,500	80,382
	0	0	0	7,145	22	7,167	10,406	60	10,466
	0	0	0	49,376	1,671	51,047	68,476	1,440	69,916
4	1	0	1	53,661	882	54,543	76,534	2,269	78,803
	0	0	0	6,830	44	6,874	10,067	26	10,093
	1	0	1	46,831	838	47,669	66,467	2,243	68,710

T/S (Arrival)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
17	21	38	179,585	9,322	188,907	4,004,011	283,008	13,996	297,004
114	64	178	261,912	11,346	273,258	5,689,372	411,345	18,304	429,649
538	1,759	2,297	287,785	13,007	300,792	6,599,321	449,000	22,984	471,984
456	2,178	2,634	362,113	20,071	382,184	9,452,735	550,725	35,204	585,929
603	1,160	1,763	405,782	15,534	421,316	10,785,256	609,622	24,583	634,205
2,393	441	2,834	597,980	22,443	620,423	16,153,287	897,279	34,322	931,601
4,094	254	4,348	783,852	34,343	818,195	22,049,477	1,209,981	54,274	1,264,255
5,497	680	6,177	1,006,374	42,255	1,048,629	30,111,821	1,550,585	65,233	1,615,818
9,752	723	10,475	1,331,821	47,213	1,379,034	40,382,189	2,088,984	75,408	2,164,392
11,160	2,147	13,307	1,431,303	47,560	1,478,863	45,440,946	2,273,257	79,456	2,352,713
737	136	873	202,674	3,241	205,915	5,986,877	324,557	5,373	329,930
10,423	2,011	12,434	1,228,629	44,319	1,272,948	39,454,069	1,948,700	74,083	2,022,783
1,322	38	1,360	121,437	3,965	125,402	3,837,977	194,125	6,383	200,508
12	0	12	14,506	65	14,571	395,848	23,128	84	23,212
1,310	38	1,348	106,931	3,900	110,831	3,442,129	170,997	6,299	177,296
718	85	803	105,212	3,941	109,153	3,278,832	167,911	6,712	174,623
74	0	74	13,411	161	13,572	413,194	21,183	283	21,466
644	85	729	91,801	3,780	95,581	2,865,638	146,728	6,429	153,157
1,099	197	1,296	136,502	3,390	139,892	4,293,547	216,752	5,134	221,886
23	6	29	17,574	88	17,662	513,540	28,007	155	28,162
1,076	191	1,267	118,928	3,302	122,230	3,780,007	188,745	4,979	193,724
1,244	527	1,771	131,440	3,678	135,118	4,178,318	209,522	6,604	216,126
54	15	69	16,951	85	17,036	509,947	27,083	129	27,212
1,190	512	1,702	114,489	3,593	118,082	3,668,371	182,439	6,475	188,914

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	0	0	0	51,888	1,483	53,371	71,174	3,745	74,919
	0	0	0	6,271	113	6,384	9,275	328	9,603
	0	0	0	45,617	1,370	46,987	61,899	3,417	65,316
6	0	0	0	51,255	1,289	52,544	67,937	3,267	71,204
	0	0	0	7,154	141	7,295	9,892	165	10,057
	0	0	0	44,101	1,148	45,249	58,045	3,102	61,147
7	0	0	0	47,284	1,002	48,286	67,181	2,450	69,631
	0	0	0	6,692	150	6,842	12,202	519	12,721
	0	0	0	40,592	852	41,444	54,979	1,931	56,910
8	0	0	0	48,585	1,352	49,937	64,947	2,258	67,205
	0	0	0	6,853	163	7,016	9,736	511	10,247
	0	0	0	41,732	1,189	42,921	55,211	1,747	56,958
9	3	0	3	45,930	1,171	47,101	64,621	1,353	65,974
	2	0	2	6,120	60	6,180	9,025	24	9,049
	1	0	1	39,810	1,111	40,921	55,596	1,329	56,925
10	1	0	1	47,971	1,988	49,959	68,429	2,096	70,525
	0	0	0	6,517	91	6,608	10,377	4	10,381
	1	0	1	41,454	1,897	43,351	58,052	2,092	60,144
11	0	0	0	45,611	924	46,535	64,638	2,631	67,269
	0	0	0	7,132	175	7,307	11,608	118	11,726
	0	0	0	38,479	749	39,228	53,030	2,513	55,543
12	0	0	0	51,548	1,657	53,205	70,865	2,620	73,485
	0	0	0	8,647	98	8,745	12,088	67	12,155
	0	0	0	42,901	1,559	44,460	58,777	2,553	61,330

T/S (Arrival)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
1,110	456	1,566	124,172	5,684	129,856	3,903,699	196,728	9,998	206,726
122	9	131	15,668	450	16,118	488,625	25,093	789	25,882
988	447	1,435	108,504	5,234	113,738	3,415,074	171,635	9,209	180,844
1,033	225	1,258	120,225	4,781	125,006	3,835,679	189,447	8,326	197,773
80	5	85	17,126	311	17,437	514,426	27,116	482	27,598
953	220	1,173	103,099	4,470	107,569	3,321,253	162,331	7,844	170,175
886	247	1,133	115,351	3,699	119,050	3,637,818	183,631	6,456	190,087
110	51	161	19,004	720	19,724	569,835	31,340	1,303	32,643
776	196	972	96,347	2,979	99,326	3,067,983	152,291	5,153	157,444
758	206	964	114,290	3,816	118,106	3,622,931	180,177	6,331	186,508
49	50	99	16,638	724	17,362	486,055	26,432	1,298	27,730
709	156	865	97,652	3,092	100,744	3,136,876	153,745	5,033	158,778
1,011	60	1,071	111,565	2,584	114,149	3,627,590	177,443	4,012	181,455
46	0	46	15,193	84	15,277	457,174	24,272	108	24,380
965	60	1,025	96,372	2,500	98,872	3,170,416	153,171	3,904	157,075
630	0	630	117,031	4,084	121,115	3,705,359	186,242	6,180	192,422
63	0	63	16,957	95	17,052	474,513	27,412	99	27,511
567	0	567	100,074	3,989	104,063	3,230,846	158,830	6,081	164,911
586	39	625	110,835	3,594	114,429	3,537,829	176,199	6,273	182,472
41	0	41	18,781	293	19,074	566,967	30,437	411	30,848
545	39	584	92,054	3,301	95,355	2,970,862	145,762	5,862	151,624
763	67	830	123,176	4,344	127,520	3,979,364	194,988	7,047	202,035
63	0	63	20,798	165	20,963	594,750	32,962	232	33,194
700	67	767	102,378	4,179	106,557	3,384,614	162,026	6,815	168,841

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
1994	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0
2001	8	20	28	438,301	19,747	458,048	493,932	19,035	512,967
2002	16	60	76	546,714	25,944	572,658	693,251	30,948	724,199
2003	13	0	13	567,860	20,409	588,269	775,856	35,635	811,491
	5	0	5	99,359	660	100,019	122,683	1,217	123,900
	8	0	8	468,501	19,749	488,250	653,173	34,418	687,591
1	1	0	1	49,777	1,984	51,761	68,212	2,744	70,956
	1	0	1	8,237	107	8,344	9,533	0	9,533
	0	0	0	41,540	1,877	43,417	58,679	2,744	61,423
2	3	0	3	42,581	2,072	44,653	59,302	3,637	62,939
	0	0	0	6,963	185	7,148	8,893	150	9,043
	3	0	3	35,618	1,887	37,505	50,409	3,487	53,896
3	1	0	1	50,834	2,539	53,373	68,833	3,398	72,231
	1	0	1	8,895	2	8,897	10,483	31	10,514
	0	0	0	41,939	2,537	44,476	58,350	3,367	61,717
4	2	0	2	54,200	1,321	55,521	73,410	3,120	76,530
	1	0	1	8,530	2	8,532	10,710	49	10,759
	1	0	1	45,670	1,319	46,989	62,700	3,071	65,771

T/S (Departure)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4,467	436	4,903	936,708	39,238	975,946	23,708,804	1,436,162	58,803	1,494,965
8,004	688	8,692	1,247,985	57,640	1,305,625	25,035,145	1,951,188	89,412	2,040,600
13,094	2,500	15,594	1,356,823	58,544	1,415,367	37,776,726	2,148,881	97,229	2,246,110
988	135	1,123	223,035	2,012	225,047	5,824,590	346,845	3,335	350,180
12,106	2,365	14,471	1,133,788	56,532	1,190,320	31,952,136	1,802,036	93,894	1,895,930
1,314	0	1,314	119,304	4,728	124,032	2,486,738	189,151	7,472	196,623
42	0	42	17,813	107	17,920	378,429	27,396	107	27,503
1,272	0	1,272	101,491	4,621	106,112	2,108,309	161,755	7,365	169,120
728	22	750	102,614	5,731	108,345	2,185,499	162,819	9,395	172,214
61	15	76	15,917	350	16,267	336,884	24,884	518	25,402
667	7	674	86,697	5,381	92,078	1,848,615	137,935	8,877	146,812
1,002	186	1,188	120,670	6,123	126,793	2,681,801	190,750	9,751	200,501
82	0	82	19,461	33	19,494	423,741	30,045	64	30,109
920	186	1,106	101,209	6,090	107,299	2,258,060	160,705	9,687	170,392
1,315	365	1,680	128,927	4,806	133,733	3,426,999	203,974	8,381	212,355
114	0	114	19,355	51	19,406	436,029	30,205	100	30,305
1,201	365	1,566	109,572	4,755	114,327	2,990,970	173,769	8,281	182,050

Year & Month	Classifi- cation									
		10'			20'			40'		
		Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5		0	0	0	50,759	2,095	52,854	69,461	3,796	73,257
		0	0	0	8,077	32	8,109	12,252	55	12,307
		0	0	0	42,682	2,063	44,745	57,209	3,741	60,950
6		0	0	0	48,494	1,251	49,745	64,202	4,625	68,827
		0	0	0	8,453	2	8,455	10,562	467	11,029
		0	0	0	40,041	1,249	41,290	53,640	4,158	57,798
7		0	0	0	46,491	1,603	48,094	64,765	2,872	67,637
		0	0	0	8,614	26	8,640	11,395	193	11,588
		0	0	0	37,877	1,577	39,454	53,370	2,679	56,049
8		1	0	1	44,643	987	45,630	60,217	2,214	62,431
		1	0	1	7,239	13	7,252	8,910	91	9,001
		0	0	0	37,404	974	38,378	51,307	2,123	53,430
9		2	0	2	43,769	1,745	45,514	58,513	1,835	60,348
		0	0	0	7,984	95	8,079	8,039	49	8,088
		2	0	2	35,785	1,650	37,435	50,474	1,786	52,260
10		1	0	1	46,686	1,739	48,425	66,536	2,049	68,585
		0	0	0	9,052	159	9,211	10,353	75	10,428
		1	0	1	37,634	1,580	39,214	56,183	1,974	58,157
11		1	0	1	43,065	1,388	44,453	59,222	2,664	61,886
		0	0	0	8,377	3	8,380	10,693	13	10,706
		1	0	1	34,688	1,385	36,073	48,529	2,651	51,180
12		1	0	1	46,561	1,685	48,246	63,183	2,681	65,864
		1	0	1	8,938	34	8,972	10,860	44	10,904
		0	0	0	37,623	1,651	39,274	52,323	2,637	54,960

T/S (Departure)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (Ton)	Full	Empty	Total
1,315	427	1,742	121,535	6,318	127,853	3,225,287	192,635	10,646	203,281
152	9	161	20,481	96	20,577	521,671	32,921	162	33,083
1,163	418	1,581	101,054	6,222	107,276	2,703,616	159,714	10,484	170,198
1,008	387	1,395	113,704	6,263	119,967	3,458,487	179,161	11,369	190,530
81	64	145	19,096	533	19,629	554,102	29,757	1,079	30,836
927	323	1,250	94,608	5,730	100,338	2,904,385	149,404	10,290	159,694
1,207	232	1,439	112,463	4,707	117,170	3,510,308	178,735	7,868	186,603
264	0	264	20,273	219	20,492	621,222	31,997	412	32,409
943	232	1,175	92,190	4,488	96,678	2,889,086	146,738	7,456	154,194
1,013	341	1,354	105,874	3,542	109,416	3,305,042	167,323	6,120	173,443
53	27	80	16,203	131	16,334	451,255	25,151	195	25,346
960	314	1,274	89,671	3,411	93,082	2,853,787	142,172	5,925	148,097
1,236	357	1,593	103,520	3,937	107,457	3,256,712	163,560	6,217	169,777
36	20	56	16,059	164	16,223	458,348	24,130	238	24,368
1,200	337	1,537	87,461	3,773	91,234	2,798,364	139,430	5,979	145,409
1,089	130	1,219	114,312	3,918	118,230	3,581,552	182,166	6,129	188,295
35	0	35	19,440	234	19,674	548,088	29,799	309	30,108
1,054	130	1,184	94,872	3,684	98,556	3,033,464	152,367	5,820	158,187
832	47	879	103,120	4,099	107,219	3,214,127	163,373	6,821	170,194
21	0	21	19,091	16	19,107	539,074	29,805	29	29,834
811	47	858	84,029	4,083	88,112	2,675,053	133,568	6,792	140,360
1,035	6	1,041	110,780	4,372	115,152	3,444,174	175,234	7,060	182,294
47	0	47	19,846	78	19,924	555,747	30,755	122	30,877
988	6	994	90,934	4,294	95,228	2,888,427	144,479	6,938	151,417

I. 전체어가 연도별 통계표 (1999~2003년 : 2종겸업 포함) 2003 Statistical Tables for Total Fishery Households Including Nonfishery Business Type II (1999-2003)

1. 표본어가 개요 (Overview of Sample F. H.)

단위 : 가구, 명, 시간

Unit : Household, Head, Hours

구 분 Classification	가 구 원 Household Members	어업 상시종사자 Regular Fishery Employees	자영업어업 노동시간 Labor Hours in Operating Fishery
1999	3.34	1.99	...
2000	3.20	1.98	...
2001	3.13	1.94	...
2002	3.05	1.95	...
2003	3.09	1.90	1,465.68

2. 어가경제 지표 (Major Indicators of F. H. Economies)

단위 : 천원

Unit : Thousand won

구 분 Classification	어가소득 F. H. Income	경상소득 Regular Income	어가순소득 Net Income of F. H.			
				어업소득 Fishery Income		
				어업총수입 Gross Fishery Receipts	어업경영비 Fishery Production Expenses	
1999	18,401	18,401	14,718	8,475	16,745	8,270
2000	19,618	19,618	15,859	8,428	17,011	8,583
2001	21,463	21,463	16,981	8,556	18,980	10,424
2002	21,590	21,590	17,004	9,060	17,846	8,786
2003	23,916	20,221	19,360	10,741	23,114	12,373

단위 : 천원

Unit : Thousand won

구 분 Classification	어업외소득 Non-Fishery Income						
		겸업소득 Non-Fishery Business Income			사업외소득 Non-Fishery Business Income		
		겸업수입 Non-Fishery Business Receipts	겸업지출 Non-Fishery Business Expenses	사업외수입 Non-Business Receipts	사업외지출 Non-Business Expenses		
1999	6,243	4,415	8,590	4,175	1,828	3,064	1,237
2000	7,431	5,175	10,264	5,089	2,256	3,565	1,309
2001	8,425	5,586	10,984	5,397	2,838	4,399	1,561
2002	7,944	4,724	9,924	5,200	3,220	4,685	1,465
2003	8,619	4,176	9,882	5,706	4,443	4,640	196

단위 : 천원

Unit : Thousand won

구 분 Classification	이전소득 Transfer Income	비경상소득 Irregular Income	가계지출 Household Expenditures			어가처분 가능소득 Disposable F. H. Income	어가경제 잉여 Surplus F. H. Economy
			소비지출 Consumption Expenditures	비소비지출 Non-Consumption Expenditures			
1999	3,683	...	14,252	14,242	...	18,222	3,760
2000	3,759	...	15,506	15,506	...	19,415	3,608
2001	4,482	...	16,863	16,863	...	21,248	4,002
2002	4,586	...	16,660	16,660	...	21,371	4,531
2003	861	3,695	20,019	16,250	3,770	20,147	3,897

단위 : 천원, %

Unit : Thousand won, %

구 분 Classification	어가자산 (연도말) F. H. Assets (End of Year)	어가부채 (연도말) F. H. Liabilities (End of Year)	어업순생산 (부가가치) Net Fishery Production (Value Added)	어업의존도 Fishery Dependence Ratio	어업소득의 가계비중족 Expenditure Sufficiency of Fishery Income	어업소득률 Ratio of Fishery Income
1999	122,425	19,645	8,475	46.06	59.47	50.61
2000	127,168	22,293	8,428	42.96	54.35	49.54
2001	132,519	22,848	8,556	39.86	50.74	45.08
2002	139,188	23,673	9,060	41.96	54.38	50.77
2003	140,477	29,836	10,741	44.91	53.65	46.47

3. 어업수지 (Fishery of Revenues & Expenses)

단위 : 천원

Unit : Thousand won

구 분 Classification	어업총수입 Gross Fishery Receipts								
	어로수입 Fishing Income								기타수산물 Other Aquatic Animals
	어류 Fishes	갑각류 Crustacea	패류 Shellfish	연체동물 Mollusca	해조류 Seaweeds	기타			
1999	16,745	8,784	3,656	1,168	...	3,623	270	67	...
2000	17,011	8,868	4,062	1,124	1,540	1,702	261	165	14
2001	18,980	9,579	4,207	1,433	1,574	1,883	316	155	11
2002	17,846	9,515	4,006	1,256	1,488	2,221	270	177	97
2003	23,114	14,421	6,803	1,714	1,947	3,397	316	160	84

단위 : 천원

Unit : Thousand won

구분 Classification	어업총수입 Gross Fishery Receipts									
	양식수입 Aquaculture Receipts						어업잡수입 Misc. Fishery Receipts			기타 Other
	어류 Fishes	패류 Shellfish	기타수산물 Other Aquatic Animals	해조류 Seaweeds	기타 Other	어업소득 보상금 Fishery Income Compensation	기타 Other			
1999	6,690	1,731	2,206	269	1,802	682	...	...	...	1,271
2000	7,068	1,917	2,206	511	1,873	561	...	...	...	1,074
2001	7,424	1,964	2,058	612	1,590	1,200	...	...	...	1,977
2002	7,374	1,898	1,735	317	2,077	1,347	...	...	...	956
2003	8,012	1,496	2,530	209	3,114	664	681	636	45	...

단위 : 천원

Unit : Thousand won

구분 Classification	어업경영비 Fishery Production Expenses					
	어로지출 Fishing Expenses					노무비 Labor Cost
	미끼구입비 Bait	얼음대 Ice	물품비 Goods			
1999	8,270	3,318	169	19	79	1,096
2000	8,583	3,292	163	24	76	955
2001	10,424	4,092	191	23	81	1,200
2002	8,786	3,579	183	16	97	1,047
2003	12,373	7,733	397	44	106	2,034

단위 : 천원

Unit : Thousand won

구분 Classification	어업경영비 Fishery Expenses						
	어로지출 Fishing Expenses						
	광열비 Fuels & Electricity	어구 구입 보수비용 등 Buying Gear & Repair	임차료 Rent	조세 및 이자 Taxes & Interest	판매용 자재 Materials for Sale	위판수수료 Consignment Fee	보험료 및 기타 Insurance & Other
1999	602	1,007	23	...	25	206	92
2000	808	916	31	...	19	216	86
2001	1,004	1,008	182	...	28	245	131
2002	907	922	29	...	25	223	129
2003	1,392	1,601	49	1 547	61	383	119

단위 : 천원

Unit : Thousand won

구분 Classification	어업경영비 Fishery Production Expenses					
	양식지출 Aquaculture Expenses					
	종묘비 Seeds & Seeding	사료비 Feed Purchases	물품비 Goods	노무비 Labor Cost	광열비 Fuels & Electricity	
1999	3,662	1,264	739	...	580	163
2000	4,083	1,258	714	...	644	252
2001	4,670	892	1,170	...	689	291
2002	3,924	974	1,050	...	637	290
2003	4,641	1,006	541	105	776	336

단위 : 천원

Unit : Thousand won

구분 Classification	어업경영비 Fishery Production Expenses						
	양식지출 Aquaculture Expenses						
	양식 시설 보수비 등 Buying Gear & Repair	임차료 Rent	조세및이자 Taxes & Interest	판매용 자재 Materials for Sale	위판수수료 Consignment Fee	보험료 및기타 Insurance & Other	기타 Other
1999	623	-	...	...	-	293	1,291
2000	809	83	...	...	44	279	1,208
2001	1,041	234	...	...	37	317	1,662
2002	657	34	...	...	68	214	1,283
2003	739	114	816	63	128	16	...

4. 겸업수지 (Nonfishery Business Revenues & Expenses)

단위 : 천원

Unit : Thousand won

구분 Classification	겸업수입 Non-Fishery Business Receipts			겸업지출 Non-Fishery Business Expenses				
	농업 Agriculture	수산물 가공 fishery Processing	기타겸업 Other Non - Fishery Business	농업 Agriculture	수산물 가공 fishery Processing	기타겸업 Other Non - Fishery Business		
1999	8,590	5,363	...	3,227	4,175	2,423	...	1,753
2000	10,264	5,817	...	4,448	5,089	2,580	...	2,509
2001	10,984	6,340	...	4,644	5,397	2,727	...	2,670
2002	9,924	5,307	...	4,617	5,200	2,578	...	2,622
2003	9,882	3,491	1,294	5,097	5,706	1,103	616	3,987

5. 사업외 수지 (Nonbusiness Revenues & Expenses)

단위 : 천원

Unit : Thousand won

구분 Classification	사업외 수입 Non-Business Receipts & Expenses						
		근로수입 Earned Receipts			자본수입 Capital Receipts		
			급료수입 Salary	어업노임 Fishery Wages		이자및배당 Dividends & Interest	유가증권 매매차익 Securities
1999	3,065	2,713	2,270	443	353	166	...
2000	3,565	3,057	2,694	363	509	199	...
2001	4,399	3,467	3,068	399	933	347	...
2002	4,685	3,851	3,446	405	833	309	...
2003	4,640	4,131	3,686	445	509	237	0

단위 : 천원

Unit : Thousand won

구분 Classification	사업외 수입 Non-Business Receipts & Expenses			사업외 지출 Non-Business Expenses		
	자본수입 Capital Receipts			어업외취업 Non-Fishery Job Expenses	자본수입 관련비용 Cost Related to Capital Receipts	
	농지임대 Land Rental	어업용 임대 For Fishery Rental	기타임대 Other Rental			
1999	136	1,237	...	1,237
2000	168	1,309	...	1,309
2001	284	1,561	...	1,561
2002	180	1,465	...	1,465
2003	20	4	247	196	6	190

6. 이전소득 (Transfer Income)

단위 : 천원

Unit : Thousand won

구분 Classification	이전수입 Transfer Receipts							
		공적보조금 Public Subsidy			사적보조금 Private Subsidy			
			농업보조 Agriculture	어업보조 Fishery	기타 Other		출타가족 Leaving Home Family	기타 Other
1999	3,683	608	...	...	...	3,582	457	3,125
2000	3,759	420	...	...	...	3,338	370	2,968
2001	4,482	610	...	...	...	3,873	498	3,375
2002	4,586	848	...	...	...	3,738	383	3,355
2003	861	508	58	6	445	353	173	180

7. 비 경 상 소 득 (Irregular Income)

단위 : 천원

Unit : Thousand won

구 분 Classification	비 경 상 소 득 Irregular Income					
	경조수입 Receipts for Congratulations & Condolences	퇴직일시금 Retirement Allowance	재산수증 Assets Acceptance	사고보상금 Accident Compensation	기 타 Other	
1999
2000
2001
2002
2003	3,695	991	293	67	538	1,807

8. 가 계 지 출 (Household Expenditures)

단위 : 천원

Unit : Thousand won

구 분 Classification	가 계 지 출 Household Expenditures	소 비 지 출 Consumption Expenditures				
		식료품비 Food	주거비 Housing	광열수도비 Fuels, Electricity & Water	가구가사용품비 Furniture & Utensils	
1999	14,252	14,252	2,869	649	732	...
2000	15,506	15,506	3,106	910	843	...
2001	16,863	16,863	3,225	996	860	...
2002	16,660	16,660	3,211	920	906	...
2003	20,019	16,250	4,129	1,088	1,166	641

단위 : 천원

Unit : Thousand won

구 분 Classification	소 비 지 출 Consumption Expenditures					
	피복신발비 Clothing & Footwear	보건의료비 Medical Care	교육비 Education	교양오락비 Culture & Recreation	교통통신비 Transportation & Communication	기 타 Other
1999	554	1,076	1,780	227	1,208	5,157
2000	556	1,159	1,925	150	1,484	5,373
2001	576	1,376	1,940	158	1,686	6,046
2002	543	1,331	1,957	174	1,858	5,760
2003	637	1,091	778	400	2,295	4,026

단위 : 천원

Unit : Thousand won

구분 Classification	비 소비 지출 Non-Consumption Expenditures						
	가계부문 조세 Taxes for Household	공적연금 Public Pension	사회보험 Social Insurance	기 타 Other			
				교육비보조 Education Expenses Aid	기 타 Other		
1999	4,868	
2000	5,050	
2001	5,700	
2002	5,409	
2003	3,770	210	298	381	2,879	1,254	1,625

9. 재산적 수지 (Property Revenues & Expenses)

단위 : 천원

Unit : Thousand won

구분 Classification	재 산 적 수 입 Property Receipts				
		자 산 의 감 소 Decrease in Assets			부 채 의 증 가 Increase in Liabilities
		고정자산 감소 Decrease in Fixed Assets	유동자산 감소 Decrease in Liquid Assets		
1999	21,358	14,261	1,708	12,553	7,098
2000	30,245	22,266	1,758	20,508	7,980
2001	33,773	24,816	2,659	22,158	8,956
2002	30,063	23,635	1,950	21,685	6,428
2003	29,134	22,941	2,244	20,697	6,194

단위 : 천원

Unit : Thousand won

구분 Classification	재 산 적 지 출 Property Expenses				
		자 산 의 증 가 Increase in Assets			부 채 의 감 소 Decrease in Liabilities
		고정자산 증가 Increase in Fixed Assets	유동자산 증가 Increase in Liquid Assets		
1999	25,539	20,189	3,938	16,251	5,350
2000	34,991	29,574	5,562	24,012	5,417
2001	38,789	32,088	5,823	26,265	6,700
2002	35,849	30,575	4,002	26,574	5,274
2003	35,937	30,768	4,531	26,236	5,169

10. 어 가 자 산 (F. H. Assets)

단위 : 천원, m²

Unit : Thousand won, m²

구 분 Classification	어가자산 F. H. Assets		고 정 자 산 Fixed Assets							
							토 지 Land			
			연도초 Beg. of Year		연도말 End of Year		연도초 Beg. of Year		연도말 End of Year	
			연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	면적 Area	평가액 Value	면적 Area	평가액 Value
1999	...	122,425	...	95,257	6,568	44,108	6,552	43,890		
2000	...	127,168	...	95,871	7,066	43,296	7,098	43,480		
2001	...	132,519	...	96,408	7,244	41,980	7,244	42,074		
2002	...	139,188	...	98,229	7,260	43,000	7,272	43,167		
2003	137,370	140,477	102,188	100,400	5,163	33,879	5,157	33,710		

단위 : 천원, m²

Unit : Thousand won, m²

구 분 Classification	고 정 자 산 Fixed Assets							
	건 물 Building				구 축 물 Facilities		선 박 Boat	
	연도초 Beg. of Year		연도말 End of Year					
	면적 Area	평가액 Value	면적 Area	평가액 Value	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	146	33,049	149	33,056	...	...	14,343	13,308
2000	141	33,392	147	34,137	...	...	13,654	13,751
2001	148	34,558	157	34,989	...	...	14,144	15,008
2002	155	35,799	163	36,256	...	...	15,014	14,430
2003	142	37,727	142	37,512	968	915	17,172	16,575

단위 : 천원

Unit : Thousand won

구 분 Classification	고 정 자 산 Fixed Assets							
	기계·기구·비품 machinery-tools-furniture		대동물 Large Animal		대식물 Large plant		무형자산 Intangible Assets	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	3,168	2,829	938	1,055	1,076	1,109	...	...
2000	2,659	2,448	1,067	947	1,061	1,108	...	...
2001	2,636	2,154	964	1,121	963	1,062	...	...
2002	2,450	1,899	1,115	1,384	1,013	1,093	...	...
2003	7,919	6,770	864	1,015	451	486	3,209	3,417

단위 : 천원

Unit : Thousand won

구분 Classification	유 동 자 산 Liquid Assets							
					재 고 자 산 Inventory Assets			
					소 동 물 Small Animal		미 처 분 농 수 산 물 Agriculture & marine products inventory	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	...	27,168	...	6,923	70	90	1,114	1,220
2000	...	31,297	...	7,334	90	118	1,157	1,287
2001	...	36,111	...	7,626	124	172	1,303	1,191
2002	...	40,959	...	7,520	165	177	1,167	1,151
2003	35,182	40,077	7,606	7,492	4	5	553	663

단위 : 천원

Unit : Thousand won

구분 Classification	유 동 자 산 Liquid Assets					
	재 고 자 산 Inventory Assets				당 좌 자 산 Quick Assets	
	사용중인 어업용자재 Fishing equipment in use		미사용 구입자재 Temporarily Redundant Fishing Equipment			
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	5,312	5,594	21	19	...	20,245
2000	3,171	5,646	55	283	...	23,963
2001	5,666	6,191	63	72	...	28,485
2002	6,017	6,126	62	66	...	33,439
2003	6,798	6,549	251	274	27,576	32,585

단위 : 천원

Unit : Thousand won

구분 Classification	유 동 자 산 Liquid Assets					
	당 좌 자 산 Quick Assets					
	현 금 Cash		예금 등 금융자산 Deposits etc.		미수금 및 선금금 Uncollected Money & Prepayment	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	...	524	...	18,988	...	733
2000	...	527	...	23,416	...	20
2001	...	463	...	28,018	...	4
2002	...	516	...	32,920	...	3
2003	733	417	26,729	31,965	114	204

단위 : 천원

Unit : Thousand won

구분 Classification	용도별 어가자산 F. H. Assets by Purpose							
	어업용 For Fishery		가계용 For Household		겸업용 For Non-Fishery Business		기타용 For Other	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999
2000
2001
2002
2003	26,119	25,180	40,023	39,713	28,032	27,415	8,014	8,092

11. 어가부채 (F. H. Debts)

단위 : 천원

Unit : Thousand won

구분 Classification	어가부채 F. H. Liabilities		부채의 원천 Source of Liabilities			
			차입금 Borrowed Money		미불금 및 선수금 payable & unpaid money	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	...	19,645	...	...	...	...
2000	...	22,293	...	...	...	...
2001	...	22,848	...	...	...	...
2002	...	23,673	...	...	...	...
2003	28,792	29,836	28,496	29,387	296	450

단위 : 천원

Unit : Thousand won

구분 Classification	부채의 성질 Characteristics of Liabilities				차입금의 조달방법 Raising Methods of Borrowed Money			
	고정부채 Fixed Liabilities		유동부채 Liquid Liabilities		금융기관 Banking Facilities		사채 Private loans	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999
2000
2001
2002
2003	25,374	25,674	3,418	4,163	25,553	25,979	3,239	3,858

단위 : 천원

Unit : Thousand won

구 분 Classification	차입금의 용도 Purpose of Borrowed Money							
	어업용 For Fishery		가계용 For Household		겸업용 For Non-Fishery Business		기타용 For Other	
	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year	연도초 Beg. of Year	연도말 End of Year
1999	...	8,056	...	3,297	...	4,344	...	3,948
2000	...	9,031	...	3,862	...	4,610	...	4,790
2001	...	9,617	...	4,233	...	4,592	...	4,406
2002	...	9,893	...	4,438	...	4,472	...	4,870
2003	15,833	16,696	6,753	7,515	4,511	4,033	1,695	1,592

12. 어업 고정자본 (Fishery Fixed Capital)

단위 : 천원

Unit : Thousand won

구 분 Classification	어업 고정자본 Fishery Fixed Capital					
	토지개량자본 Land Improvement Capital	건물 및 구축물 Building & Facilities	선박 Boat	기계·기구·비품 machinery·tools· furniture	무형자산 Intangible Assets	
1999
2000
2001
2002
2003	25,612	2	3,361	16,370	3,710	2,169

II. 전업 및 1종겸업어가 연도별 통계표 (1983~2002)

1. 어가경제 주요지표

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	어가소득 Fishery Household Income	어업소득 Fishery Income		어업외소득 Nonfishery Income							
		어업조수입 Gross Fishery Receipts	어업경영비 Fishery Production Expenses	농업소득 Farm Income			기타겸업소득 Business Income			수입 Receipts	지출 Expenses
				농업조수입 Gross Farm Receipts	농업경영비 Farm Production Expenses						
연 도 별											
1983	4,109	2,570	5,415	2,845	1,539	692	940	247	79	236	157
1984	4,508	2,582	5,589	3,007	1,926	930	1,162	232	121	371	249
1985	4,869	2,815	6,047	3,232	2,054	866	1,143	277	179	393	214
1986	5,402	3,219	7,155	3,936	2,183	809	1,078	269	202	385	183
1987	6,166	3,420	7,577	4,158	2,746	1,149	1,494	346	172	386	215
1988	6,821	3,451	7,882	4,431	2,159	1,386	1,765	379	211	522	311
1989	8,079	4,152	8,863	4,711	2,508	1,553	2,167	614	231	519	289
1990	10,023	5,217	10,367	5,151	3,192	1,897	2,629	732	302	720	418
1991	11,309	5,285	10,255	4,970	3,776	2,066	2,901	835	365	1,032	667
1992	12,371	6,036	11,021	4,985	4,217	1,779	2,691	912	662	1,554	892
1993	14,432	6,222	12,276	6,054	4,684	2,001	2,874	873	582	1,300	718
1994	17,110	8,665	15,215	6,549	5,719	3,404	4,701	1,296	603	1,565	963
1995	18,780	9,437	17,153	7,715	6,075	3,185	4,611	1,427	791	2,358	1,567
1996	19,039	10,526	18,015	7,489	5,410	2,394	3,950	1,556	1,000	2,268	1,268
1997	20,331	11,768	19,389	7,622	5,820	2,761	4,647	1,886	1,061	2,025	965
1998	16,794	9,254	15,604	6,350	5,201	2,577	4,411	1,833	918	1,513	595
1999	18,428	10,323	18,033	7,710	4,882	2,557	4,156	1,599	697	1,049	352
2000	18,875	10,078	18,508	8,430	5,313	2,583	4,371	1,787	798	2,086	1,288
2001	22,252	11,087	20,770	9,683	6,504	2,757	4,866	2,109	1,083	2,319	1,236
2002	21,816	10,165	19,195	9,030	6,465	2,285	4,236	1,951	1,261	2,838	1,578
전 년 비											
1983	25.3	31.1	54.1	83.1	16.7	34.9	35.7	37.8	-15.9	52.2	156.7
1984	9.7	0.5	3.2	5.7	25.1	34.3	23.6	-6.1	53.6	57.0	58.8
1985	8.0	9.0	8.2	7.5	6.6	-6.8	-1.6	19.2	47.1	6.0	-14.0
1986	10.9	14.4	18.3	21.8	6.3	-6.6	-5.7	-2.7	13.1	-2.0	-14.6
1987	14.1	6.2	5.9	5.6	25.8	42.0	38.6	28.5	-14.9	0.4	17.4
1988	10.6	0.9	4.0	6.6	-21.4	20.7	18.1	9.5	22.6	35.0	44.9
1989	18.4	20.3	12.5	6.3	16.2	12.1	22.8	62.1	9.5	-0.5	-7.2
1990	24.1	25.6	17.0	9.3	27.3	22.2	21.3	19.2	31.0	38.7	44.9
1991	12.8	1.3	-1.1	-3.5	18.3	8.9	10.3	14.1	20.8	43.2	59.4
1992	9.4	14.2	7.5	0.3	11.7	-13.9	-7.2	9.3	81.2	50.6	33.8
1993	16.7	3.1	11.4	21.5	11.1	12.5	6.8	-4.3	-12.1	-16.4	-19.5
1994	18.6	39.3	23.9	8.2	22.1	70.1	63.6	48.5	3.6	20.4	34.1
1995	9.8	8.9	12.7	17.8	6.2	-6.5	-1.9	10.1	31.2	50.6	62.8
1996	1.4	11.5	5.0	-2.9	-10.9	-24.8	-14.4	9.0	26.5	-3.8	-19.1
1997	6.8	11.8	7.6	1.8	7.6	15.3	17.6	21.2	6.1	-10.7	-23.9
1998	-17.4	-21.4	-19.5	-16.7	-10.6	-6.7	-5.1	-2.8	-13.5	-25.3	-38.3
1999	9.7	11.6	15.6	21.4	-6.1	-0.8	-5.8	-12.8	-24.1	-30.7	-40.9
2000	2.4	-2.4	2.6	9.3	8.8	1.1	5.2	11.8	14.5	99.0	266.4
2001	17.9	10.0	12.2	14.9	22.4	6.7	11.3	18.0	35.8	11.1	-4.0
2002	-2.0	-8.3	-7.6	-6.7	-0.6	-17.1	-12.9	-7.5	16.4	22.4	27.6
어업형태별 (2002)											
어선비사용가구	19,001	5,606	6,826	1,219	9,082	3,846	6,159	2,313	854	2,165	1,311
동력선사용가구	22,629	11,536	21,451	9,915	4,988	1,230	2,366	1,136	1,604	3,415	1,811
양식업가구	24,082	13,907	33,142	19,235	5,998	2,300	5,688	3,388	1,030	2,448	1,418

II. Statistical Tables for Fishery and Nonfishery Business Type I (1983~2002)

1. Major Indicators of Fishery Household Economies

Unit : Thousand won, %

사업외소득 ¹⁾ Nonbusiness Income			이전수입 ²⁾ Transfer Income	조세공과금 ³⁾ Taxes & Dues	가처분소득 ⁴⁾ Disposable Income	가계비 Household Consumption Expenditures	분가지출 Family Branching Expenditures	어가경제잉여 ⁵⁾ Surplus	어가자산 ⁶⁾ Fishery Household Assets	어가부채 Fishery Household Debts	Year By Fishing Type
수입 Receipts	지출 Expenses										
By Year											
768	768	168	...	43	3,898	3,220	58	620	16,325	2,040	1983
875	875	187	...	55	4,267	3,398	73	795	18,029	2,361	1984
1,009	1,009	221	...	47	4,601	3,607	14	979	18,956	3,378	1985
1,172	1,172	224	...	80	5,098	3,897	45	1,156	20,072	3,549	1986
1,425	1,713	287	...	71	6,095	4,503	113	1,480	22,643	4,064	1987
562	838	276	1,211	59	6,762	4,684	70	2,008	26,405	3,818	1988
724	1,113	389	1,419	44	8,035	6,190	163	1,683	51,253	5,276	1989
992	1,377	385	1,614	50	9,973	7,072	147	2,754	61,273	5,925	1990
1,345	1,742	397	2,248	61	11,248	8,235	182	2,831	81,295	6,520	1991
1,776	2,155	379	2,118	78	12,294	8,593	128	3,573	90,923	6,485	1992
2,101	2,508	406	3,525	104	14,328	9,411	461	4,456	99,638	7,662	1993
1,712	2,381	669	2,726	103	17,007	11,548	98	5,360	107,968	9,293	1994
2,100	2,819	719	3,268	97	18,683	13,139	119	5,425	97,125	11,033	1995
2,016	2,698	682	3,103	121	18,918	13,946	192	4,779	102,908	12,342	1996
1,998	2,696	698	2,743	142	20,189	13,929	312	5,949	113,348	11,906	1997
1,706	2,366	660	2,339	137	16,657	12,465	176	4,016	112,034	11,319	1998
1,629	2,369	741	3,223	165	18,263	13,639	93	4,531	116,995	11,555	1999
1,932	2,826	894	3,484	181	18,695	15,058	156	3,480	121,073	13,635	2000
2,664	3,870	1,206	4,661	197	22,055	16,601	619	4,835	132,226	15,466	2001
2,920	4,161	1,242	5,185	197	21,618	17,299	23	4,296	139,057	17,494	2002
% change from previous year											
7.8	7.8	59.8	...	39.3	24.0	18.6	28.4	62.5	278.2	52.6	1983
14.0	14.0	11.0	...	28.4	9.4	5.5	25.9	28.2	10.4	15.7	1984
15.2	15.2	18.5	...	-14.5	7.8	6.2	-80.5	23.2	5.1	43.1	1985
16.2	16.2	1.2	...	70.7	10.8	8.0	215.2	18.0	5.9	5.1	1986
21.6	46.2	28.3	...	-11.2	19.5	15.5	149.2	28.0	12.8	14.5	1987
-60.6	-51.0	-3.8	...	-16.6	10.9	4.0	-38.1	35.7	16.6	-6.1	1988
28.8	32.8	40.9	17.2	-25.9	18.8	32.1	133.7	-16.2	94.1	38.2	1989
37.0	23.7	-1.1	13.8	15.3	24.1	14.3	-10.0	63.7	19.6	12.3	1990
35.6	26.5	3.0	39.2	21.6	12.8	16.4	24.4	2.8	32.7	10.0	1991
32.0	23.7	-4.4	-5.8	26.8	9.3	4.4	-29.9	26.2	11.8	-0.5	1992
18.3	16.4	7.2	66.4	33.7	16.5	9.5	261.0	24.7	9.6	18.1	1993
-18.5	-5.0	64.7	-22.7	-0.4	18.7	22.7	-78.7	20.3	8.4	21.3	1994
22.6	18.4	7.4	19.9	-6.1	9.9	13.8	21.2	1.2	-10.0	18.7	1995
-4.0	-4.3	-5.1	-5.0	24.9	1.3	6.1	61.7	-11.9	6.0	11.9	1996
-0.9	-0.1	2.3	-11.6	16.9	6.7	-0.1	61.9	24.5	10.1	-3.5	1997
-14.6	-12.2	-5.4	-14.7	-3.1	-17.5	-10.5	-43.4	-32.5	-1.2	-4.9	1998
-4.5	0.1	12.3	37.8	20.4	9.6	9.4	-47.2	12.8	4.4	2.1	1999
18.6	19.3	20.6	8.1	9.6	2.4	10.4	67.9	-23.2	3.5	18.0	2000
37.9	37.0	34.9	33.8	8.8	18.0	10.2	296.0	38.9	9.2	13.4	2001
9.6	7.5	3.0	11.3	0.4	-2.0	4.2	-96.2	-11.2	5.2	13.1	2002
By Fishing Type (2002)											
4,382	5,215	833	4,312	173	18,828	14,062	77	4,689	123,503	6,599	F. Households Without Boat
2,155	3,477	1,322	6,105	197	22,433	18,663	0	3,769	150,848	21,690	F. Households With Motor Boat
2,668	4,369	1,701	4,177	242	23,841	19,038	0	4,802	135,946	24,126	Aquaculture F. Households

주 1) 1986년 이전 사업외소득은 사업외수입과 같음. 1987년부터 사업외소득은 사업외수입에서 사업외지출(차입금이자)을 뺀 것임.
 2) 1987년까지 이전수입은 어업외소득에 포함됨. 3) 사업외지출에 포함돼 있던 것을 1987년부터 분류함.
 4) 가처분소득 = 어가소득 - 조세공과금 5) 어가경제잉여 = 가처분소득 - 가계비 - 분가지출
 6) 1983년부터 어가자산은 고정자산에 비어업용자산이 포함되었고, 어가자산중 토지는 1998년까지는 조사담당자가 직접 조사하여 평가하였으나 1999년부터 공식지가를 적용하여 평가하였음

2. 어업 조수입 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	어업조수입 Gross Fishery Receipts	어 로 어 업 Fishing Fishery Receipts						양 식 업	
		소 계	어 류	갑 각 류	연체동물	기타수산 동 물	해조류	소 계	해 조 류
		Sub-Total	Fishes	Crustacea	Mollusca	Other Aquatic Animals	Seaweeds	Sub-Total	Seaweeds
연 도 별									
1983	5,415	4,333	2,819	484	908	90	32	938	681
1984	5,589	4,196	2,754	471	827	115	29	1,226	890
1985	6,047	4,588	3,051	483	893	109	51	1,211	837
1986	7,155	5,538	3,825	523	999	142	49	1,368	992
1987	7,577	5,889	3,770	638	1,274	142	65	1,535	1,048
1988	7,882	6,042	3,756	942	1,116	167	61	1,747	1,267
1989	8,863	5,191	2,118	1,063	1,667	295	48	3,061	1,854
1990	10,367	6,008	2,290	1,227	2,139	279	74	3,043	1,956
1991	10,255	5,613	2,322	981	1,947	293	71	3,517	2,369
1992	11,021	6,746	2,693	1,369	2,263	311	111	2,747	1,447
1993	12,276	8,075	3,170	1,831	2,715	273	85	2,627	1,327
1994	15,215	10,651	6,412	1,002	2,770	361	106	3,287	746
1995	17,153	11,740	7,867	902	2,507	341	123	3,896	826
1996	18,015	12,683	7,343	1,373	3,358	522	87	3,750	993
1997	19,389	13,217	7,541	1,257	3,850	454	115	4,642	1,879
1998	15,604	10,383	5,586	1,022	2,914	660	202	3,747	1,632
1999	18,033	11,167	4,286	1,489	4,997	318	77	5,690	1,767
2000	18,508	11,541	4,842	1,595	4,557	308	239	5,922	2,007
2001	20,770	12,252	5,252	1,963	4,592	324	121	6,520	1,829
2002	19,195	12,274	5,146	2,016	4,510	365	238	6,216	2,179
구 성 비									
1983	100.0	80.0	52.1	8.9	16.8	1.7	0.6	17.3	12.6
1984	100.0	75.1	49.3	8.4	14.8	2.1	0.5	21.9	15.9
1985	100.0	75.9	50.5	8.0	14.8	1.8	0.8	20.0	13.8
1986	100.0	77.4	53.5	7.3	14.0	2.0	0.7	19.1	13.9
1987	100.0	77.7	49.8	8.4	16.8	1.9	0.9	20.3	13.8
1988	100.0	76.7	47.6	11.9	14.2	2.1	0.8	22.2	16.1
1989	100.0	58.6	23.9	12.0	18.8	3.3	0.5	34.5	20.9
1990	100.0	58.0	22.1	11.8	20.6	2.7	0.7	29.4	18.9
1991	100.0	54.7	22.6	9.6	19.0	2.9	0.7	34.3	23.1
1992	100.0	61.2	24.4	12.4	20.5	2.8	1.0	24.9	13.1
1993	100.0	65.8	25.8	14.9	22.1	2.2	0.7	21.4	10.8
1994	100.0	70.0	42.1	6.6	18.2	2.4	0.7	21.6	4.9
1995	100.0	68.4	45.9	5.3	14.6	2.0	0.7	22.7	4.8
1996	100.0	70.4	40.8	7.6	18.6	2.9	0.5	20.8	5.5
1997	100.0	68.2	38.9	6.5	19.9	2.3	0.6	23.9	9.7
1998	100.0	66.5	35.8	6.5	18.7	4.2	1.3	24.0	10.5
1999	100.0	61.9	23.8	8.3	27.7	1.8	0.4	31.6	9.8
2000	100.0	62.4	26.2	8.6	24.6	1.6	1.3	32.0	10.8
2001	100.0	59.0	25.3	9.5	22.1	1.6	0.6	31.4	8.8
2002	100.0	63.9	26.8	10.5	23.5	1.9	1.2	32.4	11.4
어업 형태별 (2002)									
어선비사용가구	6,826	6,364	1,637	562	3,274	443	448	332	58
동력선사용가구	21,451	20,064	9,120	3,580	6,806	399	160	586	325
양식업가구	33,142	1,368	406	264	549	37	112	30,392	10,437

2. Gross Fishery Revenues (1983~2002)

Unit : Thousand won, %

Aquaculture Fishery Receipts		수 산 가 공 업 Fisheries Processing Receipts							수 산 물 재고증감	Year By Fishing Type
패 류	기 타	소 계	자연건조 제 품	염건품 Salted & Dried	열 가 공 건조제품 Cooked	염신장품 Salted Preserved & Pickled	해조제품, 뾰, 한천 Dried Seaweeds, Hijiki & Agar	기 타 ¹⁾	Changes in Fishery Products Inventory	
Shellfish	Others	Sub-Total	Dried					Others		
By Year										
245	13	125	9	1	5	26	84	0	19	1983
328	8	164	34	1	2	41	87	-	2	1984
368	7	236	21	-	1	47	167	0	12	1985
356	19	255	15	-	1	98	141	1	-6	1986
455	32	144	4	3	9	91	37	-	9	1987
468	12	102	1	-	12	84	4	-	-9	1988
544	663	603	4	1	8	152	438	-	7	1989
476	611	952	0	-	34	460	458	0	364	1990
558	590	1,110	0	-	46	525	539	-	14	1991
598	702	1,538	1	-	34	630	873	-	-10	1992
560	740	1,582	0	0	68	761	752	-	-9	1993
1,934	607	1,264	63	0	304	20	877	-	12	1994
2,060	1,010	1,544	10	0	409	17	1,108	-	-27	1995
1,588	1,169	1,581	1	-	819	4	758	-	1	1996
1,087	1,676	1,534	27	-	741	5	760	-	-3	1997
976	1,139	1,472	41	-	546	6	879	-	2	1998
1,875	2,048	1,159	51	-	264	239	571	35	17	1999
1,937	1,978	1,066	13	...	461	...	422	170	-21	2000
1,761	2,929	1,994	19	...	888	...	760	327	4	2001
1,517	2,519	711	13	...	288	...	305	105	-5	2002
Composition										
4.5	0.2	2.3	0.2	0.0	0.1	0.5	1.6	-	0.3	1983
5.9	0.1	2.9	0.6	0.0	0.0	0.7	1.6	-	0.0	1984
6.1	0.1	3.9	0.4	-	0.0	0.8	2.7	-	0.2	1985
5.0	0.3	3.6	0.2	-	0.0	1.4	2.0	0.0	-0.1	1986
6.0	0.4	1.9	0.1	0.0	0.1	1.2	0.5	-	0.1	1987
5.9	0.1	1.3	0.0	-	0.2	1.1	0.1	-	-0.1	1988
6.1	7.5	6.8	0.0	0.0	0.1	1.7	4.9	-	0.1	1989
4.6	5.9	9.2	0.0	-	0.3	4.4	4.4	-	3.5	1990
5.4	5.8	10.8	0.0	-	0.4	5.1	5.3	-	0.1	1991
5.4	6.4	14.0	0.0	-	0.3	5.7	7.9	-	-0.1	1992
4.6	6.0	12.9	0.0	0.0	0.6	6.2	6.1	-	-0.1	1993
12.7	4.0	8.3	0.4	0.0	2.0	0.1	5.8	-	0.1	1994
12.0	5.9	9.0	0.1	0.0	2.4	0.1	6.5	-	-0.2	1995
8.8	6.5	8.8	0.0	-	4.5	0.0	4.2	-	0.0	1996
5.6	8.6	7.9	0.1	-	3.8	0.0	3.9	-	0.0	1997
6.3	7.3	9.4	0.3	0.0	3.5	0.0	5.6	-	0.0	1998
10.4	11.4	6.4	0.3	-	1.5	1.3	3.2	0.2	0.1	1999
10.5	10.7	5.8	0.1	...	2.5	...	2.3	0.9	-0.1	2000
8.5	14.1	9.6	0.1	...	4.3	...	3.7	1.6	0.0	2001
7.9	13.1	3.7	0.1	...	1.5	...	1.6	0.5	0.0	2002
By Fishing Type (2002)										
274	0	140	5	...	65	...	68	2	-11	F. Households Without Boat
218	43	805	22	...	496	...	87	200	-4	F. Households With Motor Boat
6,915	13,040	1,384	0	...	104	...	1,259	21	-2	Aquaculture F. Households

주 1) 2000년부터 수산가공업수입에서 염건품, 염신장품은 기타에 포함됨.

3. 어업 경영비 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	어업경영비 Fishery Production Expenses	어 로 어 업 Fishing Fishery Expenses							
		소 계	고기밥대	얼 음 대	어상자대	연 료 비	선수품비	어구구입 및 보수비	노 임
		Sub-Total	Bait	Ice	Fish-Box	Fuel	Equipment Charges for Fishing Work	Buying Gear & Repair	Wages
연 도 별									
1983	2,845	2,337	25	81	68	473	62	471	888
1984	3,007	2,467	32	97	83	565	56	381	903
1985	3,232	2,592	49	103	63	610	61	425	930
1986	3,936	3,118	57	89	103	597	84	502	1,222
1987	4,158	3,316	57	102	95	590	73	560	1,364
1988	4,431	3,416	44	60	69	492	54	721	1,557
1989	4,711	2,307	101	13	23	297	33	547	957
1990	5,151	2,779	127	32	19	389	46	502	1,243
1991	4,970	2,550	131	25	20	310	49	444	1,201
1992	4,985	2,702	111	16	18	371	43	574	1,197
1993	6,054	3,745	126	27	19	447	67	659	1,998
1994	6,549	3,954	267	19	36	452	60	1,266	1,461
1995	7,715	4,525	298	21	43	537	73	1,084	1,952
1996	7,489	4,649	287	24	36	669	111	1,235	1,795
1997	7,622	4,829	322	30	17	787	253	1,288	1,762
1998	6,350	3,678	243	26	24	735	151	939	1,263
1999	7,710	3,915	270	16	21	697	107	1,083	1,365
2000	8,430	4,069	252	17	15	959	105	1,063	1,285
2001	9,683	4,802	293	19	29	1,138	91	1,278	1,437
2002	9,030	4,314	294	20	30	1,062	111	1,128	1,236
구 성 비									
1983	100.0	82.1	0.9	2.9	2.4	16.6	2.2	16.5	31.2
1984	100.0	82.0	1.1	3.2	2.8	18.8	1.8	12.7	30.0
1985	100.0	80.2	1.5	3.2	2.0	18.9	1.9	13.2	28.8
1986	100.0	79.2	1.5	2.3	2.6	15.2	2.1	12.7	31.0
1987	100.0	79.8	1.4	2.5	2.3	14.2	1.8	13.5	32.8
1988	100.0	77.1	1.0	1.4	1.6	11.1	1.2	16.3	35.1
1989	100.0	49.0	2.1	0.3	0.5	6.3	0.7	11.6	20.3
1990	100.0	54.0	2.5	0.6	0.4	7.6	0.9	9.7	24.1
1991	100.0	51.3	2.6	0.5	0.4	6.2	1.0	8.9	24.2
1992	100.0	54.2	2.2	0.3	0.4	7.4	0.9	11.5	24.0
1993	100.0	61.9	2.1	0.4	0.3	7.4	1.1	10.9	33.0
1994	100.0	60.4	4.1	0.3	0.5	6.9	0.9	19.3	22.3
1995	100.0	58.7	3.9	0.3	0.6	7.0	0.9	14.0	25.3
1996	100.0	62.1	3.8	0.3	0.5	8.9	1.5	16.5	24.0
1997	100.0	63.4	4.2	0.4	0.2	10.3	3.3	16.9	23.1
1998	100.0	57.9	3.8	0.4	0.4	11.6	2.4	14.8	19.9
1999	100.0	50.8	3.5	0.2	0.3	9.0	1.4	14.0	17.7
2000	100.0	48.3	3.0	0.2	0.2	11.4	1.2	12.6	15.2
2001	100.0	49.6	3.0	0.2	0.3	11.8	0.9	13.2	14.8
2002	100.0	47.8	3.3	0.2	0.3	11.8	1.2	12.5	13.7
어업형태별 (2002)									
어선비사용가구	1,219	1,015	5	4	7	148	59	238	94
동력선사용가구	9,915	7,800	551	37	55	1,977	182	2,015	2,401
양식업가구	19,235	488	85	0	1	132	11	230	17

3. Fishery Production Expenses (1983~2002)

Unit : Thousand won, %

		양 식 업 Aquaculture Fishery Expenses					수 산 가 공 업 Fisheries Processing Expenses					감 가 상 각 비	재 고 생 산 자 재 증 감	Year By Fishing Type
임차료	기 타	소 계	종묘대	양식시설 및 보수비	기 타	소 계	가공재료비	시설보수비	기 타	Depreciat- ion	Changes In Productive Materials Inventory			
Rent	Others	Sub-Total	Seed Shell	Facilities & Repair	Others	Sub-Total	Materials for Processing	Facilities & Repair	Others					
By Year														
6	262	349	71	149	128	21	9	3	10	146	-8	1983		
14	335	337	64	140	132	43	12	9	22	172	-12	1984		
6	346	362	54	148	160	77	31	5	41	198	4	1985		
15	449	473	83	107	283	72	24	3	44	277	-4	1986		
8	467	505	134	131	241	60	32	1	27	256	19	1987		
17	401	620	95	174	350	89	26	1	62	304	2	1988		
12	324	1,718	313	358	1,047	347	121	10	216	353	-13	1989		
16	406	1,609	308	284	1,017	404	228	15	161	365	-6	1990		
83	287	1,569	213	231	1,125	438	208	34	195	368	44	1991		
80	293	1,233	225	202	805	567	210	64	293	487	-4	1992		
52	349	1,306	261	228	818	522	226	21	275	477	4	1993		
25	368	1,737	715	290	732	287	29	18	241	546	24	1994		
36	482	2,330	833	445	1,053	357	33	7	317	510	-7	1995		
17	476	1,739	475	399	865	413	112	4	297	648	40	1996		
14	357	1,653	344	318	991	447	144	28	275	697	-5	1997		
8	290	1,346	318	330	698	543	148	27	368	673	111	1998		
30	326	2,612	854	561	1,197	336	74	14	248	817	29	1999		
43	329	3,144	985	560	1,599	225	62	8	155	975	17	2000		
107	410	3,222	592	727	1,903	668	395	2	271	997	-6	2001		
43	390	3,376	903	556	1,917	267	73	1	193	1,057	16	2002		
Composition														
0.2	9.2	12.3	2.5	5.2	4.5	0.7	0.3	0.1	0.3	5.1	-0.3	1983		
0.5	11.1	11.2	2.1	4.6	4.4	1.4	0.4	0.3	0.7	5.7	-0.4	1984		
0.2	10.7	11.2	1.7	4.6	5.0	2.4	1.0	0.1	1.3	6.1	0.1	1985		
0.4	11.4	12.0	2.1	2.7	7.2	1.8	0.6	0.1	1.1	7.0	-0.1	1986		
0.2	11.2	12.2	3.2	3.1	5.8	1.5	0.8	0.0	0.7	6.2	0.5	1987		
0.4	9.0	14.0	2.1	3.9	7.9	2.0	0.6	0.0	1.4	6.9	0.0	1988		
0.3	6.9	36.5	6.6	7.6	22.2	7.4	2.6	0.2	4.6	7.5	-0.3	1989		
0.3	7.9	31.2	6.0	5.5	19.8	7.8	4.4	0.3	3.1	7.1	-0.1	1990		
1.7	5.8	31.6	4.3	4.6	22.6	8.8	4.2	0.7	3.9	7.4	0.9	1991		
1.6	5.9	24.7	4.5	4.1	16.2	11.4	4.2	1.3	5.9	9.8	-0.1	1992		
0.9	5.8	21.6	4.3	3.8	13.5	8.6	3.7	0.4	4.5	7.9	0.1	1993		
0.4	5.6	26.5	10.9	4.4	11.2	4.4	0.4	0.3	3.7	8.3	0.4	1994		
0.5	6.2	30.2	10.8	5.8	13.6	4.6	0.4	0.1	4.1	6.6	-0.1	1995		
0.2	6.4	23.2	6.3	5.3	11.5	5.5	1.5	0.1	4.0	8.7	0.5	1996		
0.2	4.7	21.7	4.5	4.2	13.0	5.9	1.9	0.4	3.6	9.1	-0.1	1997		
0.1	4.6	21.2	5.0	5.2	11.0	8.6	2.3	0.4	5.8	10.6	1.7	1998		
0.4	4.2	33.9	11.1	7.3	15.5	4.4	1.0	0.2	3.2	10.6	0.4	1999		
0.5	3.9	37.3	11.7	6.6	19.0	2.7	0.7	0.1	1.8	11.6	0.2	2000		
1.1	4.2	33.3	6.1	7.5	19.6	6.9	4.1	0.0	2.8	10.3	-0.1	2001		
0.5	4.3	37.4	10.0	6.2	21.2	3.0	0.8	0.0	2.1	11.7	0.2	2002		
By Fishing Type (2002)														
98	361	68	16	15	37	58	9	0	48	78	1	F. Household Without Boat		
26	555	271	103	66	103	163	34	0	128	1,649	31	F. Household With Motor Boat		
0	12	16,812	4,421	2,707	9,684	876	276	3	597	1,061	0	Aquaculture F. Households		

4. 어업수지 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	어업조수입 Gross Fishery Receipts	어업수입 Fishery Receipts				수산물재고증감 Changes in Fishery Products Inventory
		소 계 Sub-Total	어로수입 Fishing Fishery	양식수입 Aquaculture F.	수산가공수입 Fishery Processing	
연 도 별						
1983	5,415	5,396	4,333	938	125	19
1984	5,589	5,587	4,196	1,226	164	2
1985	6,047	6,035	4,588	1,211	236	12
	7,155	7,161	5,538	1,368	255	-6
1986						
1987	7,577	7,568	5,889	1,535	144	9
1988	7,882	7,890	6,042	1,747	102	-9
1989	8,863	8,856	5,191	3,061	603	7
1990	10,367	10,004	6,008	3,043	952	364
1991	10,255	10,240	5,613	3,517	1,110	14
1992	11,021	11,031	6,746	2,747	1,538	-10
1993	12,276	12,284	8,075	2,627	1,582	-9
1994	15,215	15,203	10,651	3,287	1,264	12
1995	17,153	17,179	11,740	3,896	1,544	-27
1996	18,015	18,014	12,683	3,750	1,581	1
1997	19,389	19,393	13,217	4,642	1,534	-3
1998	15,604	15,602	10,383	3,747	1,472	2
1999	18,033	18,016	11,167	5,690	1,159	17
2000	18,508	18,529	11,541	5,922	1,066	-21
2001	20,770	20,766	12,252	6,520	1,994	4
2002	19,195	19,201	12,274	6,216	711	-5
전 년 비						
1983	54.1	53.8	65.0	16.9	57.2	248.5
1984	3.2	3.5	-3.2	30.7	31.3	-87.4
1985	8.2	8.0	9.3	-1.2	43.8	397.5
1986	18.3	18.7	20.7	12.9	8.1	-151.2
1987	5.9	5.7	6.3	12.2	-43.5	248.5
1988	4.0	4.3	2.6	13.8	-29.7	-195.2
1989	12.5	12.2	-14.1	75.2	494.4	186.1
1990	17.0	13.0	15.7	-0.6	57.8	4849.5
1991	-1.1	2.4	-6.6	15.6	16.6	-96.1
1992	7.5	7.7	20.2	-21.9	38.5	-171.8
1993	11.4	11.4	19.7	-4.4	2.9	13.7
1994	23.9	23.8	31.9	25.1	-20.1	239.9
1995	12.7	13.0	10.2	18.5	22.1	-321.0
1996	5.0	4.9	8.0	-3.7	2.4	104.1
1997	7.6	7.7	4.2	23.8	-3.0	-405.0
1998	-19.5	-19.5	-21.4	-19.3	-4.1	168.1
1999	15.6	15.5	7.5	51.8	-21.2	664.7
2000	2.6	2.8	3.3	4.1	-8.0	-219.3
2001	12.2	12.1	6.2	10.1	87.1	-118.5
2002	-7.6	-7.5	0.2	-4.7	-64.4	-237.5
어업형태별 (2002)						
어선비사용가구	6,826	6,837	6,364	332	140	-11
동력선사용가구	21,451	21,455	20,064	586	805	-4
양식업가구	33,142	33,144	1,368	30,392	1,384	-2

4. Fishery Revenues & Expenses (1983~2002)

Unit : Thousand won, %

어업경영비 Fishery Production Expenses	어업지출 Fishery Expenses				감가상각비 Depreciation	재고생산자재 증감 Changes in Productive Materials Inventory	Year By Fishing Type
	소 계 Sub-Total	어로지출 Fishing Fishery	양식지출 Aquaculture Fishery	수산가공지출 Fishery Processing			
By Year							
2,845	2,707	2,337	349	21	146	-8	1983
3,007	2,847	2,467	337	43	172	-12	1984
3,232	3,031	2,592	362	77	198	4	1985
3,936	3,663	3,118	473	72	277	-4	1986
4,158	3,882	3,316	505	60	256	19	1987
4,431	4,125	3,416	620	89	304	2	1988
4,711	4,372	2,307	1,718	347	353	-13	1989
5,151	4,792	2,779	1,609	404	365	-6	1990
4,970	4,557	2,550	1,569	438	368	44	1991
4,985	4,501	2,702	1,233	567	487	-4	1992
6,054	5,573	3,745	1,306	522	477	4	1993
6,549	5,979	3,954	1,737	287	546	24	1994
7,715	7,212	4,525	2,330	357	510	-7	1995
7,489	6,801	4,649	1,739	413	648	40	1996
7,622	6,930	4,829	1,653	447	697	-5	1997
6,350	5,566	3,678	1,346	543	673	111	1998
7,710	6,863	3,915	2,612	336	817	29	1999
8,430	7,438	4,069	3,144	225	975	17	2000
9,683	8,692	4,802	3,222	668	997	-6	2001
9,030	7,957	4,314	3,376	267	1 057	16	2002
% change from previous year							
83.1	93.2	105.4	36.3	187.7	-6.8	-68.7	1983
5.7	5.2	5.6	-3.5	104.9	17.9	-53.0	1984
7.5	6.4	5.0	7.6	77.8	14.7	129.2	1985
21.8	20.9	20.3	30.6	-6.0	39.9	-202.5	1986
5.6	6.0	6.4	6.8	-16.0	-7.4	633.1	1987
6.6	6.3	3.0	22.6	48.1	18.6	-88.8	1988
6.3	6.0	-32.4	177.2	287.9	16.1	-706.5	1989
9.3	9.6	20.5	-6.3	16.4	3.4	51.9	1990
-3.5	-4.9	-8.2	-2.5	8.4	1.0	798.6	1991
0.3	-1.2	6.0	-21.4	29.5	32.2	-109.0	1992
21.5	23.8	38.6	6.0	-7.9	-2.2	209.3	1993
8.2	7.3	5.6	33.0	-44.9	14.5	459.9	1994
17.8	20.6	14.4	34.1	24.1	-6.6	-127.0	1995
-2.9	-5.7	2.7	-25.4	15.7	27.1	708.1	1996
1.8	1.9	3.9	-4.9	8.3	7.6	-112.8	1997
-16.7	-19.7	-23.8	-18.6	21.5	-3.5	2254.9	1998
21.4	23.3	6.5	94.1	-38.2	21.5	-73.5	1999
9.3	8.4	3.9	20.4	-32.9	19.3	-43.9	2000
14.9	16.9	18.0	2.5	196.4	2.3	-135.6	2001
-6.7	-8.5	-10.2	4.8	-60.0	6.0	-365.5	2002
By Fishing Type (2002)							
1,219	1,140	1,015	68	58	78	1	F. Household Without Boat
9,915	8,235	7,800	271	163	1,649	31	F. Household With Motor Boat
19,235	18,175	488	16,812	876	1,061	0	Aquaculture F. Household

5. 겸업수입 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	겸업수입 Nonfishery Business Receipts	농업조수입					
		소계 Sub-Total	곡물류 Grains	기타농작물 Other Crops	축산물 Livestock Products	양잠 Sericulture	기타 ¹⁾ Others
연도별							
1983	1,175	940	489	235	73	0	7
1984	1,532	1,162	611	278	49	0	15
1985	1,536	1,143	605	308	50	0	30
1986	1,463	1,078	630	308	71	0	38
1987	1,881	1,494	749	283	115	0	40
1988	2,286	1,765	916	342	92	0	154
1989	2,686	2,167	1,126	737	112	1	3
1990	3,350	2,629	1,193	663	203	1	293
1991	3,932	2,901	1,410	757	205	-	7
1992	4,245	2,691	1,522	897	278	0	4
1993	4,174	2,874	1,467	814	203	1	8
1994	6,266	4,701	2,244	1,195	287	-	0
1995	6,969	4,611	2,388	1,219	413	-	1
1996	6,218	3,950	2,100	1,319	211	-	1
1997	6,672	4,647	2,620	1,459	234	-	-
1998	5,923	4,411	2,775	1,408	134	-	1
1999	5,204	4,156	2,218	1,247	80	1	1
2000	6,457	4,371	2,475	1,447	145	...	6
2001	7,185	4,866	2,606	1,695	225	...	1
2002	7,075	4,236	1,962	1,517	209	...	2
전년비							
1983	38.7	35.7	38.9	52.5	21.1	-	37.2
1984	30.3	23.6	24.9	18.3	-33.6	-	115.7
1985	0.2	-1.6	-0.9	10.7	3.3	-	95.0
1986	-4.8	-5.7	4.2	-0.1	41.9	-	26.7
1987	28.6	38.6	18.8	-8.1	61.4	-	5.9
1988	21.6	18.1	22.3	20.8	-20.0	-	283.6
1989	17.5	22.8	22.9	115.6	21.2	-	-98.2
1990	24.7	21.3	6.0	-10.0	81.5	-	10396.8
1991	17.4	10.3	18.2	14.1	0.9	-	-97.6
1992	8.0	-7.2	8.0	18.5	35.9	-	-38.2
1993	-1.7	6.8	-3.6	-9.2	-27.1	-	85.5
1994	50.1	63.6	52.9	46.8	41.5	-	-98.4
1995	11.2	-1.9	6.4	2.1	44.2	-	353.9
1996	-10.8	-14.4	-12.1	8.2	-48.9	-	-7.9
1997	7.3	17.6	24.8	10.6	10.5	-	-
1998	-11.2	-5.1	5.9	-3.5	-42.6	-	-
1999	-12.1	-5.8	-20.1	-11.4	-40.3	-	-42.7
2000	24.1	5.2	11.6	16.1	81.1	...	328.0
2001	11.3	11.3	5.3	17.1	55.4	...	-82.4
2002	-1.5	-12.9	-24.7	-10.5	-7.1	...	53.0
어업형태별 (2002)							
어선비사용가구	8,325	6,159	2,501	2,338	498	...	4
동력선사용가구	5,781	2,366	1,092	1,009	86	...	0
양식업가구	8,136	5,688	2,968	1,548	72	...	0

주 1) 2000년부터 농업조수입에서 양잠은 기타에 포함됨.

5. Nonfishery Business Revenues (1983~2002)

Unit : Thousand won, %

Gross Farm Receipts			기 타 경 업 수 입 Other Business Receipts					Year By Fishing Type
농 산 물 재고증감 Changes in Agr. Products Inventory	대 동물 증식 Increase in large Animals	대 식물 증식 Increase in large Plants	소 계 Sub-Total	상 공 업 Trade & Manufacture	서 비 스 업 Services	임 산 물 Forestry	기 타 ¹⁾ Others	
By Year								
65	70	...	236	179	16	37	4	1983
121	87	...	371	296	39	35	1	1984
109	40	...	393	304	48	40	1	1985
-42	72	...	385	265	80	39	1	1986
230	77	...	386	244	110	31	2	1987
43	212	6	522	385	97	27	13	1988
112	62	15	519	355	141	15	8	1989
122	146	8	720	476	220	9	16	1990
367	137	18	1,032	557	445	11	20	1991
-225	203	11	1,554	572	966	10	7	1992
90	172	120	1,300	455	809	4	32	1993
400	486	89	1,565	973	550	19	24	1994
-6	492	104	2,358	1,395	881	13	69	1995
158	122	39	2,268	841	1,391	9	27	1996
71	217	46	2,025	578	1,407	4	36	1997
-75	132	35	1,513	483	1,014	8	8	1998
337	227	45	1,049	107	808	9	124	1999
76	176	45	2,086	881	1,132	...	73	2000
-85	354	70	2,319	794	1,473	...	52	2001
90	374	82	2,838	803	1,917	...	119	2002
% change from previous year								
249.0	-31.4	...	52.2	81.2	-6.6	20.5	-50.8	1983
86.7	24.7	...	57.0	65.3	146.3	-5.5	-84.7	1984
-10.2	-53.7	...	6.0	2.9	21.1	14.6	32.6	1985
-138.6	78.3	...	-2.0	-12.9	67.8	-3.3	34.8	1986
647.7	6.8	...	0.4	-7.9	37.6	-20.4	37.9	1987
-81.4	175.6	...	35.0	58.1	-12.5	-13.0	714.2	1988
160.0	-70.9	158.3	-0.5	-7.9	45.9	-42.5	-37.1	1989
9.1	136.3	-45.2	38.7	34.1	56.3	-44.0	94.0	1990
201.1	-6.2	121.3	43.2	17.0	102.2	24.5	23.1	1991
-161.4	48.3	-38.4	50.6	2.7	117.1	-10.5	-64.5	1992
139.9	-15.6	971.2	-16.4	-20.4	-16.3	-58.6	358.4	1993
346.4	182.9	-25.8	20.4	113.8	-32.1	372.9	-24.7	1994
-101.4	1.3	16.7	50.6	43.4	60.3	-30.7	184.5	1995
2,850.6	-75.3	-62.4	-3.8	-39.7	58.0	-33.2	-60.1	1996
-55.1	78.4	18.1	-10.7	-31.3	1.1	-50.4	33.0	1997
-205.4	-39.0	-24.3	-25.3	-16.4	-28.0	91.1	-78.5	1998
550.5	72.0	29.5	-30.7	-77.8	-20.3	13.0	1,481.9	1999
-77.3	-22.4	-1.4	99.0	721.0	40.0	...	-41.1	2000
-211.3	100.6	56.4	11.1	-9.9	30.2	...	-29.7	2001
-206.1	5.7	18.1	22.4	1.1	30.1	...	130.0	2002
By Fishing Type (2002)								
230	356	232	2,165	1,302	854	...	10	F. Household Without Boat
60	97	20	3,415	519	2,723	...	173	F. Household With Motor Boat
-50	1,138	12	2,448	775	1,532	...	140	Aquaculture F. Household

주 1) 2000년부터 기타경업수입에서 임산물은 기타에 포함됨.

6. 겸업지출 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	겸업지출 Nonfishery Business Expenses	농업경영비					
		소계 Sub-Total	농사비 Seed & Fertilizers	농구비 Agricultural Implements	영농광열비 Fuel & Light	동물비 Animals & Feeds	양잠비 ¹⁾ Sericulture
연도별							
1983	404	247	103	22	4	60	1
1984	481	232	107	15	6	27	-
1985	491	277	121	22	5	32	-
1986	452	269	116	23	5	36	-
1987	560	346	130	24	7	49	-
1988	690	379	111	21	8	57	-
1989	902	614	187	38	28	55	0
1990	1,150	732	231	36	28	82	0
1991	1,501	835	242	39	18	120	0
1992	1,804	912	230	39	22	181	0
1993	1,591	873	263	38	21	115	-
1994	2,259	1,296	346	46	26	150	-
1995	2,993	1,427	370	37	30	203	-
1996	2,824	1,556	384	43	26	240	-
1997	2,850	1,886	432	81	48	241	0
1998	2,428	1,833	527	42	34	197	-
1999	1,951	1,599	506	74	37	104	-
2000	3,076	1,787	500	73	62	111	...
2001	3,345	2,109	546	83	69	164	...
2002	3,529	1,951	445	69	64	172	...
전년비							
1983	68.0	37.8	65.3	55.1	61.6	25.2	-
1984	19.1	-6.1	3.9	-31.9	34.1	-54.7	-
1985	2.0	19.2	13.2	43.9	-13.4	19.8	-
1986	-7.9	-2.7	-3.6	4.4	-1.0	12.5	-
1987	24.0	28.5	11.5	3.7	31.5	34.6	-
1988	23.1	9.5	-14.1	-10.9	18.8	17.6	-
1989	30.8	62.1	67.6	79.0	254.6	-3.7	-
1990	27.5	19.2	23.6	-6.6	-0.2	49.0	-
1991	30.6	14.1	4.7	9.8	-36.7	45.7	-
1992	20.2	9.3	-4.8	0.1	23.8	50.8	-
1993	-11.8	-4.3	14.4	-1.9	-4.9	-36.3	-
1994	42.0	48.5	31.5	19.5	21.9	30.2	-
1995	32.5	10.1	6.9	-19.6	17.9	34.8	-
1996	-5.7	9.0	3.8	16.8	-13.9	18.5	-
1997	0.9	21.2	12.7	87.9	83.7	0.4	-
1998	-14.8	-2.8	21.8	-47.9	-29.0	-18.2	-
1999	-19.7	-12.8	-3.8	76.8	7.5	-47.2	-
2000	57.7	11.8	-1.3	-1.3	70.1	6.7	...
2001	8.8	18.0	9.2	13.1	11.7	47.5	...
2002	5.5	-7.5	-18.6	-16.7	-7.7	5.0	...
어업형태별 (2002)							
어선비사용가구	3,624	2,313	426	63	77	341	...
동력선사용가구	2,948	1,136	325	31	35	58	...
양식업가구	4,806	3,388	770	177	114	205	...

6. Nonfishery Business Expenses (1983~2002)

Unit : Thousand won, %

Farm Production Expenses					기 타 경 업 지 출 Other Business Expenses					Year By Fishing Type
노 임	임차료	기 타	감가상각비	재고자재증감	소 계	상 공 업	서비스업	임 산 물 ¹⁾	기 타	
Wages	Rent	Others	Depreciation	Changes in Productive Material Inventory	Sub-Total	Trade & Manufacture	Services	Forestry Products	Others	
By Year										
36	10	11	...	...	157	145	3	0	10	1983
38	22	17	...	...	249	201	47	0	1	1984
42	34	20	...	...	214	196	18	0	0	1985
44	21	23	...	...	183	154	28	0	0	1986
65	43	28	...	...	215	156	58	0	0	1987
66	46	40	32	-3	311	272	38	0	1	1988
123	62	57	65	-2	289	238	32	0	18	1989
131	113	50	62	-2	418	334	61	0	23	1990
143	132	52	91	-3	667	423	237	0	6	1991
112	152	54	121	1	892	426	461	0	5	1992
112	148	43	134	-3	718	275	414	0	28	1993
118	270	97	247	-3	963	719	228	1	15	1994
200	171	123	289	4	1,567	1,094	441	0	32	1995
169	205	149	343	-3	1,268	595	659	0	14	1996
205	261	217	403	-2	965	407	548	0	9	1997
175	238	172	457	-9	595	235	350	0	10	1998
169	201	132	426	-51	352	67	261	4	19	1999
137	280	127	481	16	1,288	738	481	...	69	2000
113	383	190	561	-0	1,236	599	620	...	18	2001
115	325	184	574	4	1,578	535	898	...	145	2002
% change from previous year										
23.0	21.9	-24.0	...	...	156.7	153.6	62.7	130.1	346.9	1983
5.3	112.4	55.9	...	...	58.8	39.2	1516.6	-37.2	-94.2	1984
10.5	56.2	16.9	...	...	-14.0	-2.9	-62.4	30.8	-37.0	1985
2.9	-36.9	15.5	...	...	-14.6	-21.1	59.9	-66.9	-79.5	1986
50.0	101.1	20.7	...	...	17.4	1.0	105.3	342.3	387.8	1987
0.8	8.5	41.1	...	...	44.9	74.6	-34.2	-90.9	70.1	1988
85.9	33.5	44.6	105.6	49.0	-7.2	-12.5	-16.4	33.3	2908.0	1989
6.9	82.7	-13.1	-4.0	0.6	44.9	40.4	89.8	185.7	24.2	1990
9.2	16.6	5.2	46.1	-56.8	59.4	26.5	290.3	515.0	-74.8	1991
-21.9	15.1	3.4	32.9	127.5	33.8	0.7	94.2	-30.5	-16.0	1992
0.1	-2.4	-20.0	11.1	-459.2	-19.5	-35.4	-10.1	-93.0	483.2	1993
5.4	81.9	123.9	83.9	6.7	34.1	160.9	-44.9	2641.7	-47.7	1994
69.8	-36.5	26.9	17.0	227.3	62.8	52.3	92.9	-92.4	114.8	1995
-15.4	19.9	20.6	18.7	-184.7	-19.1	-45.7	49.6	94.0	-55.7	1996
20.9	27.4	45.7	17.5	20.9	-23.9	-31.5	-16.8	-39.2	-34.5	1997
-14.4	-9.0	-20.4	13.3	-260.4	-38.3	-42.3	-36.1	403.4	4.0	1998
-3.4	-15.4	-23.7	-6.7	-466.7	-40.9	-71.7	-25.3	1350.8	101.2	1999
-19.1	39.0	-3.3	12.9	-130.8	266.4	1,009.0	84.1	...	263.2	2000
-17.5	37.1	49.1	16.6	-100.1	-4.0	-18.9	28.9	...	-74.6	2001
1.8	-15.2	-3.0	2.3	-16195.5	27.6	-10.7	44.8	...	723.8	2002
By Fishing Type (2002)										
126	367	366	575	-26	1,311	880	427	...	4	F. Household Without Boat
78	212	63	382	-47	1,811	358	1,405	...	48	F. Household With Motor Boat
194	464	210	1,067	188	1,418	464	337	...	617	Aquaculture, F. Household

주 1) 2000년부터 기타경업지출에서 임산물은 기타에 포함됨.

7. 사업 외 수 지 (1983~2002) Nonbusiness Revenues & Expenses (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	사 업 외 수 입 Nonbusiness Receipts							
	계	어업노임	어업외노임	급 료	임 대 료	배당 및 이자	가사수입	기 타 ¹⁾
	Total	Fishery Wages	Nonfishery Wages	Salary	Rent	Dividend & Interest	Domestic Service	Others
	연 도 별							
1983	768	113	93	114	30	27	5	386
1984	875	108	93	93	77	22	8	474
1985	1,009	131	109	121	73	32	8	534
1986	1,172	138	144	148	55	51	3	632
1987	1,713	153	168	186	82	110	7	1,007
1988	838	181	188	250	73	132	9	7
1989	1,113	153	306	366	125	150	7	7
1990	1,377	136	502	458	167	97	1	16
1991	1,742	192	567	672	147	149	2	12
1992	2,155	269	669	876	114	222	1	4
1993	2,508	330	826	1,088	97	163	1	3
1994	2,381	535	575	920	122	170	3	57
1995	2,819	608	852	924	199	221	1	14
1996	2,698	419	709	1,059	85	334	73	18
1997	2,696	452	557	1,303	131	197	2	55
1998	2,366	543	595	848	111	140	25	103
1999	2,369	587	453	898	154	235	4	38
2000	2,826	492	763	1,048	218	230	6	69
2001	3,870	534	1,031	1,439	288	356	7	215
2002	4,161	424	1,217	1,886	189	329	8	108
	구 성 비							
1983	100.0	14.8	12.1	14.8	3.9	3.5	0.6	50.3
1984	100.0	12.3	10.7	10.6	8.8	2.5	0.9	54.1
1985	100.0	13.0	10.8	12.0	7.2	3.2	0.7	52.9
1986	100.0	11.8	12.3	12.6	4.7	4.4	0.3	53.9
1987	100.0	8.9	9.8	10.9	4.8	6.4	0.4	58.8
1988	100.0	21.6	22.4	29.8	8.7	15.7	1.0	0.8
1989	100.0	13.7	27.4	32.9	11.2	13.5	0.6	0.7
1990	100.0	9.9	36.5	33.3	12.1	7.0	0.1	1.1
1991	100.0	11.0	32.5	38.6	8.5	8.6	0.1	0.7
1992	100.0	12.5	31.0	40.6	5.3	10.3	0.1	0.2
1993	100.0	13.2	32.9	43.4	3.9	6.5	0.0	0.1
1994	100.0	22.5	24.1	38.6	5.1	7.1	0.1	2.4
1995	100.0	21.6	30.2	32.8	7.1	7.8	0.0	0.5
1996	100.0	15.5	26.3	39.3	3.1	12.4	2.7	0.7
1997	100.0	16.8	20.6	48.3	4.8	7.3	0.1	2.0
1998	100.0	23.0	25.2	35.8	4.7	5.9	1.0	4.4
1999	100.0	24.8	19.1	37.9	6.5	9.9	0.2	1.6
2000	100.0	17.4	27.0	37.1	7.7	8.2	0.2	2.4
2001	100.0	13.8	26.7	37.2	7.4	9.2	0.2	5.5
2002	100.0	10.2	29.2	45.3	4.5	7.9	0.2	2.6
	어 업 형 태 별 (2002)							
어선비사용가구	5,215	637	1,756	2,199	93	494	1	36
동력선사용가구	3,477	249	962	1,601	236	264	3	161
양식업가구	4,369	551	1,056	2,172	223	246	33	87

주 1) 1987년까지는 이전수입(사례금, 송금보조 등)이 포함됨.

8. 이전수입 및 조세공과금 (1983~2002) Transfer Income; Taxes & Dues (1983~2002)

Unit : Thousand won, %

사업외지출 Nonbusiness Expenses			이전수입 Transfer Income				조세공과금 Taxes & Dues			Year By Fishing Type
계	차입금이자	기타 ¹⁾	계	송금보조	부조금 등	기타 ²⁾	계	조세	공과금	
Total	Interest	Others	Total	Subsidy by Family	Donation	Others	Total	Taxes	Dues	
By Year										
168	168	...	...	...	...	...	43	35	8	1983
187	187	...	...	...	...	...	55	41	14	1984
221	221	...	...	...	...	...	47	30	17	1985
224	224	...	...	...	...	...	80	54	25	1986
287	287	...	...	...	...	...	71	49	21	1987
276	276	...	1,211	319	491	401	59	48	11	1988
389	389	...	1,419	330	855	234	44	33	10	1989
385	385	...	1,614	404	880	330	50	39	12	1990
397	397	...	2,248	476	1,180	592	61	48	13	1991
379	379	...	2,118	293	1,083	742	78	67	11	1992
406	406	...	3,525	444	1,346	1,735	104	84	20	1993
669	669	...	2,726	719	1,655	352	103	87	16	1994
719	719	...	3,268	406	2,315	547	97	81	16	1995
682	682	...	3,103	670	2,024	409	121	110	12	1996
698	698	...	2,743	588	1,934	221	142	126	16	1997
660	660	...	2,339	248	2,028	63	137	123	14	1998
741	741	...	3,223	446	2,161	616	165	148	17	1999
894	700	194	3,484	332	2,852	300	181	159	21	2000
1,206	995	210	4,661	482	3,775	403	197	169	28	2001
1,242	949	293	5,185	323	4,092	771	197	167	31	2002
Composition										
100.0	100.0	...	...	...	...	...	100.0	82.1	17.9	1983
100.0	100.0	...	...	...	...	...	100.0	74.8	25.2	1984
100.0	100.0	...	...	...	...	...	100.0	63.9	36.1	1985
100.0	100.0	...	...	...	...	...	100.0	68.4	31.6	1986
100.0	100.0	...	...	...	...	...	100.0	70.0	30.0	1987
100.0	100.0	...	100.0	26.3	40.5	33.1	100.0	80.9	19.1	1988
100.0	100.0	...	100.0	23.3	60.3	16.5	100.0	76.3	23.7	1989
100.0	100.0	...	100.0	25.0	54.5	20.4	100.0	76.8	23.2	1990
100.0	100.0	...	100.0	21.2	52.5	26.3	100.0	78.8	21.2	1991
100.0	100.0	...	100.0	13.8	51.1	35.0	100.0	86.0	14.0	1992
100.0	100.0	...	100.0	12.6	38.2	49.2	100.0	80.6	19.4	1993
100.0	100.0	...	100.0	26.4	60.7	12.9	100.0	84.5	15.5	1994
100.0	100.0	...	100.0	12.4	70.8	16.7	100.0	83.5	16.5	1995
100.0	100.0	...	100.0	21.6	65.2	13.2	100.0	90.4	9.6	1996
100.0	100.0	...	100.0	21.4	70.5	8.1	100.0	89.0	11.0	1997
100.0	100.0	...	100.0	10.6	86.7	2.7	100.0	89.8	10.2	1998
100.0	100.0	...	100.0	13.8	67.0	19.1	100.0	89.7	10.3	1999
100.0	78.3	21.7	100.0	9.5	81.9	8.6	100.0	88.3	11.7	2000
100.0	82.6	17.4	100.0	10.3	81.0	8.6	100.0	86.0	14.0	2001
100.0	76.4	23.6	100.0	6.2	78.9	14.9	100.0	84.8	15.7	2002
By Fishing Type (2002)										
833	435	398	4,312	225	4,055	32	173	149	24	F. Household Without Boat
1,322	1,068	254	6,105	390	4,273	1,442	197	168	28	F. Household With Motor Boat
1,701	1,467	234	4,177	293	3,686	198	242	193	48	Aquaculture F. Household

주 1) 2000년부터 사업외지출에서 공적보조를 받기위한 지출등을 포함한 기타 항목 신설됨.
2) 사례금, 퇴직금, 어업피해보상금 등이 포함됨.

9. 가 계 비 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	가 계 비 Household Consumption Expenditures	음 식 물 비 Expenditures for Food									
		계	곡물류	육어개류 ¹⁾	유 란	해조류	채소류	과 실	조미료	가공식품	기 타
		Total	Grains	Meat & Marine Product	Milk & Eggs	Seaweeds	Vegetables	Fruits	Spices	Processed Foods	Others
연 도 별											
1983	3,220	1,086	572	140	14	13	75	39	82	36	114
1984	3,398	1,078	554	138	15	19	71	38	92	39	111
1985	3,607	1,137	580	146	17	16	75	36	105	48	114
1986	3,897	1,202	616	166	20	20	69	44	97	48	122
1987	4,503	1,279	621	182	25	18	87	49	101	49	146
1988	4,684	1,282	555	196	24	21	116	59	103	46	162
1989	6,190	1,551	606	273	26	24	123	69	102	70	258
1990	7,072	1,809	673	348	33	27	142	81	134	84	287
1991	8,235	2,018	672	397	37	31	164	106	161	100	349
1992	8,593	2,117	662	424	38	29	180	121	164	100	399
1993	9,411	2,223	661	471	37	29	176	118	175	109	447
1994	11,548	2,638	729	505	56	31	214	155	220	129	599
1995	13,139	2,770	737	553	63	33	218	163	225	148	631
1996	13,946	2,996	860	603	73	35	229	171	214	158	654
1997	13,929	3,042	861	617	82	34	238	181	226	162	641
1998	12,465	2,675	810	506	71	31	212	135	215	152	543
1999	13,639	2,794	754	562	71	30	204	148	219	154	652
2000	15,058	3,035	753	705	86	...	169	203	234	121	764
2001	16,601	3,190	716	708	90	...	177	221	242	131	905
2002	17,299	3,235	683	746	96	...	198	228	234	123	926
구 성 비											
1983	100.0	33.7	17.8	4.4	0.4	0.4	2.3	1.2	2.5	1.1	3.6
1984	100.0	31.7	16.3	4.1	0.4	0.5	2.1	1.1	2.7	1.2	3.3
1985	100.0	31.5	16.1	4.0	0.5	0.4	2.1	1.0	2.9	1.3	3.2
1986	100.0	30.8	15.8	4.3	0.5	0.5	1.8	1.1	2.5	1.2	3.1
1987	100.0	28.4	13.8	4.0	0.6	0.4	1.9	1.1	2.2	1.1	3.2
1988	100.0	27.4	11.8	4.2	0.5	0.4	2.5	1.3	2.2	1.0	3.4
1989	100.0	25.1	9.8	4.4	0.4	0.4	2.0	1.1	1.7	1.1	4.2
1990	100.0	25.6	9.5	4.9	0.5	0.4	2.0	1.1	1.9	1.2	4.1
1991	100.0	24.5	8.2	4.8	0.4	0.4	2.0	1.3	2.0	1.2	4.2
1992	100.0	24.6	7.7	4.9	0.4	0.3	2.1	1.4	1.9	1.2	4.6
1993	100.0	23.6	7.0	5.0	0.4	0.3	1.9	1.3	1.9	1.2	4.8
1994	100.0	22.8	6.3	4.4	0.5	0.3	1.9	1.3	1.9	1.1	5.2
1995	100.0	21.1	5.6	4.2	0.5	0.2	1.7	1.2	1.7	1.1	4.8
1996	100.0	21.5	6.2	4.3	0.5	0.2	1.6	1.2	1.5	1.1	4.7
1997	100.0	21.8	6.2	4.4	0.6	0.2	1.7	1.3	1.6	1.2	4.6
1998	100.0	21.5	6.5	4.1	0.6	0.3	1.7	1.1	1.7	1.2	4.4
1999	100.0	20.5	5.5	4.1	0.5	0.2	1.5	1.1	1.6	1.1	4.8
2000	100.0	20.2	5.0	4.7	0.6	...	1.1	1.3	1.6	0.8	5.1
2001	100.0	19.2	4.3	4.3	0.5	...	1.1	1.3	1.5	0.8	5.5
2002	100.0	18.7	3.9	4.3	0.6	...	1.1	1.3	1.4	0.7	5.4
어 업 형 태 별 (2002)											
어선비사용가구	14,062	3,008	638	683	97	...	183	213	216	129	849
동력선사용가구	18,663	3,441	695	807	100	...	213	233	252	129	1,012
양식업가구	19,038	3,069	721	690	87	...	184	238	216	100	834

주 1) 2000년부터 해조류는 육어개류에 포함됨

9. Household Consumption Expenditures (1983~2002)

Unit : Thousand won, %

주거비 Housing	광 열 수도비 Fuel, Light & Water Charges	피복비 Clothing& Footwear	교육비 Education	의료비 Medical Care	가 계 잡 비 Other Living Expenses						가계비 총족도 ¹⁾ Sufficient Degree of Living	평균소 비성향 ²⁾ Average Propensity to Consume	Year By Fishing Type
					계 Total	미용, 위생 Personal Care	교 양 오락비 Culture & Entertain- ment	교통, 통신 Transporta- tion & Communi- cation	관혼상제 Ceremonial Expenses	기 타 Others			
By Year													
206	172	192	429	195	940	44	38	184	253	421	79.8	82.6	1983
278	182	195	483	194	988	46	44	188	247	463	76.0	79.6	1984
258	189	202	521	243	1,060	50	36	203	273	498	78.0	78.4	1985
283	197	227	584	236	1,168	58	44	235	331	500	82.6	76.4	1986
377	204	272	569	299	1,502	65	49	285	437	666	75.9	73.9	1987
348	216	308	605	309	1,615	79	52	312	466	706	73.7	69.3	1988
481	238	431	703	435	2,352	118	96	352	637	1,149	67.1	77.0	1989
591	265	512	772	526	2,598	140	104	386	739	1,229	73.8	70.9	1990
647	299	593	830	564	3,283	167	102	435	910	1,669	64.2	73.2	1991
658	347	624	989	613	3,245	193	91	507	859	1,595	70.3	69.9	1992
728	424	634	1,153	671	3,579	218	126	576	1,019	1,640	66.1	65.7	1993
857	478	642	1,413	853	4,668	236	227	718	1,131	2,356	75.0	67.9	1994
832	524	738	1,701	874	5,700	276	235	797	1,334	3,058	71.8	70.3	1995
888	624	774	1,981	869	5,815	322	254	894	1,237	3,108	75.5	73.7	1996
693	751	702	2,082	986	5,673	327	270	967	1,403	2,706	84.5	69.0	1997
518	673	507	1,837	791	5,467	294	133	923	1,586	2,531	74.2	74.8	1998
637	707	547	1,923	1,074	5,957	282	234	1,156	1,231	3,054	75.7	74.7	1999
872	787	524	1,841	1,116	6,883	305	155	1,421	1,373	3,630	66.9	80.5	2000
1,048	810	533	1,832	1,440	7,747	338	163	1,669	1,636	3,941	66.8	75.3	2001
938	861	523	1,823	1,349	8,571	361	169	1,857	1,849	4,335	58.8	80.0	2002
Composition													
6.4	5.3	6.0	13.3	6.1	29.2	1.4	1.2	5.7	7.8	13.1	-	-	1983
8.2	5.4	5.8	14.2	5.7	29.1	1.3	1.3	5.5	7.3	13.6	-	-	1984
7.2	5.2	5.6	14.4	6.7	29.4	1.4	1.0	5.6	7.6	13.8	-	-	1985
7.3	5.1	5.8	15.0	6.1	30.0	1.5	1.1	6.0	8.5	12.8	-	-	1986
8.4	4.5	6.0	12.6	6.6	33.4	1.5	1.1	6.3	9.7	14.8	-	-	1987
7.4	4.6	6.6	12.9	6.6	34.5	1.7	1.1	6.7	10.0	15.1	-	-	1988
7.8	3.8	7.0	11.4	7.0	38.0	1.9	1.5	5.7	10.3	18.6	-	-	1989
8.4	3.8	7.2	10.9	7.4	36.7	2.0	1.5	5.5	10.5	17.4	-	-	1990
7.9	3.6	7.2	10.1	6.9	39.9	2.0	1.2	5.3	11.1	20.3	-	-	1991
7.7	4.0	7.3	11.5	7.1	37.8	2.2	1.1	5.9	10.0	18.6	-	-	1992
7.7	4.5	6.7	12.3	7.1	38.0	2.3	1.3	6.1	10.8	17.4	-	-	1993
7.4	4.1	5.6	12.2	7.4	40.4	2.0	2.0	6.2	9.8	20.4	-	-	1994
6.3	4.0	5.6	12.9	6.7	43.4	2.1	1.8	6.1	10.2	23.3	-	-	1995
6.4	4.5	5.6	14.2	6.2	41.7	2.3	1.8	6.4	8.9	22.3	-	-	1996
5.0	5.4	5.0	14.9	7.1	40.9	2.3	1.9	6.9	10.1	19.4	-	-	1997
4.2	5.4	4.1	14.7	6.3	43.9	2.4	1.1	7.4	12.7	20.3	-	-	1998
4.7	5.2	4.0	14.1	7.9	43.7	2.1	1.7	8.5	9.0	22.4	-	-	1999
5.8	5.2	3.5	12.2	7.4	45.7	2.0	1.0	9.4	9.1	24.1	-	-	2000
6.3	4.9	3.2	11.0	8.7	46.7	2.0	1.0	10.1	9.9	23.7	-	-	2001
5.4	5.0	3.0	10.5	7.8	49.5	2.1	1.0	10.7	10.7	25.1	-	-	2002
By Fishing Type (2002)													
727	819	436	1,135	1,137	6,799	319	151	1,548	2,343	2,438	39.9	74.7	F. Household Without Boat
962	937	563	2,083	1,435	9,242	396	181	2,002	1,411	5,253	61.8	83.2	F. Household With Motor Boat
1,229	730	561	2,246	1,461	9,742	338	168	1,991	2,248	4,997	73.0	79.9	Aquaculture F. Household

주 1) 가계비총족도(%) = 어업소득/가계비*100
 2) 평균소비성향(%) = 가계비/가처분소득*100

10. 어 가 자 산 (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	어가자산 Fishery Household Assets	고 정 자 산 ¹⁾ Fixed Assets							소 계 sub-Total
		소 계	토 지 ²⁾	건 물	어선 및 대어구	대농구	대동물	대식물	
		Sub-Total	Land	Building	Boat & Big Gear	Agr. Implement	Large Animal	Large Plant	
연 도 별									
1983	16,325	12,703	5,616	3,825	2,874	...	389	...	2,475
1984	18,029	13,869	6,180	4,029	3,253	...	407	...	2,616
1985	18,956	13,825	5,803	4,126	3,572	...	325	...	2,963
1986	20,072	14,216	6,239	4,183	3,519	...	276	...	2,951
1987	22,643	15,714	7,327	4,458	3,645	...	284	...	3,275
1988	26,405	18,539	9,284	4,528	4,081	176	437	34	3,319
1989	51,253	43,333	30,279	8,048	4,221	358	249	178	3,866
1990	61,273	51,265	37,457	8,538	4,254	407	422	186	4,508
1991	81,295	67,500	50,245	10,514	5,500	490	534	218	4,911
1992	90,923	75,613	55,752	12,573	5,918	450	683	238	4,556
1993	99,638	82,266	60,060	14,145	6,245	599	850	367	4,725
1994	107,968	92,098	61,317	19,393	8,134	1,208	1,598	448	5,140
1995	97,125	76,344	43,069	21,149	8,397	1,286	1,894	549	5,057
1996	102,908	79,309	42,515	23,658	9,096	1,301	2,125	614	5,284
1997	113,348	84,039	46,421	24,894	9,072	1,422	1,679	552	5,580
1998	112,034	79,757	43,531	24,916	8,372	1,629	791	518	4,868
1999	116,995	76,922	41,602	24,114	8,397	1,497	788	524	5,145
2000	121,073	76,484	41,350	24,271	8,291	1,431	635	506	5,201
2001	132,226	96,457	43,281	33,845	15,957	1,801	831	742	6,898
2002	139,057	99,256	44,523	35,186	15,972	1,608	1,160	807	7,069
구 성 비									
1983	100.0	77.8	34.4	23.4	17.6	...	2.4	...	15.2
1984	100.0	76.9	34.3	22.3	18.0	...	2.3	...	14.5
1985	100.0	72.9	30.6	21.8	18.8	...	1.7	...	15.6
1986	100.0	70.8	31.1	20.8	17.5	...	1.4	...	14.7
1987	100.0	69.4	32.4	19.7	16.1	...	1.3	...	14.5
1988	100.0	70.2	35.2	17.1	15.5	0.7	1.7	0.1	12.6
1989	100.0	84.5	59.1	15.7	8.2	0.7	0.5	0.3	7.5
1990	100.0	83.7	61.1	13.9	6.9	0.7	0.7	0.3	7.4
1991	100.0	83.0	61.8	12.9	6.8	0.6	0.7	0.3	6.0
1992	100.0	83.2	61.3	13.8	6.5	0.5	0.8	0.3	5.0
1993	100.0	82.6	60.3	14.2	6.3	0.6	0.9	0.4	4.7
1994	100.0	85.3	56.8	18.0	7.5	1.1	1.5	0.4	4.8
1995	100.0	78.6	44.3	21.8	8.6	1.3	2.0	0.6	5.2
1996	100.0	77.1	41.3	23.0	8.8	1.3	2.1	0.6	5.1
1997	100.0	74.1	41.0	22.0	8.0	1.3	1.5	0.5	4.9
1998	100.0	71.2	38.9	22.2	7.5	1.5	0.7	0.5	4.3
1999	100.0	65.7	35.6	20.6	7.2	1.3	0.7	0.4	4.4
2000	100.0	63.2	34.2	20.0	6.8	1.2	0.5	0.4	4.3
2001	100.0	72.9	32.7	25.6	12.1	1.4	0.6	0.6	5.2
2002	100.0	71.4	32.0	25.3	11.5	1.2	0.8	0.6	5.1
어업형태별 (2002)									
어선비사용가구	123,503	90,091	51,702	32,870	1,063	1,616	1,521	1,319	3,679
동력선사용가구	150,848	109,615	45,405	35,615	26,848	790	331	626	6,768
양식업가구	135,946	89,018	31,005	38,165	13,94	3,658	2,661	435	13,394

주 1) 1983년부터 고정자산은 비어업용자산이 포함됨.

2) 토지는 1998년까지는 조사담당자가 직접 조사하여 평가하였으나 1999년부터 공시지가를 적용하여 평가하였음.

10. Fishery Household Assets (1983~2002)

Unit : Thousand won, %

유 동 자 산 Inventory Assets					유 통 자 산 Financial Assets					Year By Fishing Type
어로용 Fishing Fishery	양식용 Aquaculture F.	농업용 Agr. Material	소동물 Small Animal	농수산물 재고량 Agriculture & Fishery Products Inventory	소 계 Sub-Total	현 금 Cash	예치금 Deposit & Savings	대부금 Lent Memory	기 타 others	
By Year										
1,363	810	...	...	302	1,147	244	382	216	306	1983
1,348	843	...	...	425	1,544	221	522	315	486	1984
1,483	955	...	...	525	2,167	212	949	432	575	1985
1,533	941	...	...	477	2,904	257	1,472	458	717	1986
1,556	1,003	...	...	716	3,653	347	2,047	513	746	1987
1,649	903	9	59	699	4,547	407	2,707	537	896	1988
887	1,947	37	65	930	4,053	344	2,080	477	1,152	1989
1,024	1,940	38	70	1,436	5,501	360	3,239	518	1,382	1990
1,156	2,021	37	115	1,582	8,883	403	6,183	692	1,605	1991
1,179	1,922	32	97	1,325	10,754	399	7,421	906	2,029	1992
1,367	1,825	41	84	1,408	12,646	435	8,921	891	2,400	1993
2,336	1,423	36	114	1,232	10,730	576	6,631	657	2,866	1994
2,403	1,362	31	131	1,129	15,723	537	10,984	732	3,471	1995
2,693	1,266	30	123	1,172	18,315	514	12,386	941	4,473	1996
2,818	1,379	33	116	1,233	23,729	681	17,238	829	4,981	1997
2,481	1,039	51	233	1,064	27,410	507	20,554	1,107	5,242	1998
2,388	961	54	285	1,457	34,928	430	26,849	1,129	6,520	1999
2,353	964	41	345	1,498	39,389	529	30,804	1,264	6,792	2000
3,299	2,412	55	160	972	28,871	471	21,470	1,033	5,897	2001
3,382	2,434	52	161	1,040	32,732	586	23,635	901	7,610	2002
Composition										
8.4	5.0	...	...	1.8	7.0	1.5	2.3	1.3	1.9	1983
7.5	4.7	...	...	2.4	8.6	1.2	2.9	1.7	2.7	1984
7.8	5.0	...	...	2.8	11.4	1.1	5.0	2.3	3.0	1985
7.6	4.7	...	...	2.4	14.5	1.3	7.3	2.3	3.6	1986
6.9	4.4	...	...	3.2	16.1	1.5	9.0	2.3	3.3	1987
6.2	3.4	0.0	0.2	2.6	17.2	1.5	10.3	2.0	3.4	1988
1.7	3.8	0.1	0.1	1.8	7.9	0.7	4.1	0.9	2.2	1989
1.7	3.2	0.1	0.1	2.3	9.0	0.6	5.3	0.8	2.3	1990
1.4	2.5	0.0	0.1	1.9	10.9	0.5	7.6	0.9	2.0	1991
1.3	2.1	0.0	0.1	1.5	11.8	0.4	8.2	1.0	2.2	1992
1.4	1.8	0.0	0.1	1.4	12.7	0.4	9.0	0.9	2.4	1993
2.2	1.3	0.0	0.1	1.1	9.9	0.5	6.1	0.6	2.7	1994
2.5	1.4	0.0	0.1	1.2	16.2	0.6	11.3	0.8	3.6	1995
2.6	1.2	0.0	0.1	1.1	17.8	0.5	12.0	0.9	4.3	1996
2.5	1.2	0.0	0.1	1.1	20.9	0.6	15.2	0.7	4.4	1997
2.2	0.9	0.0	0.2	1.0	24.5	0.5	18.3	1.0	4.7	1998
2.0	0.8	0.0	0.2	1.2	29.9	0.4	22.9	1.0	5.6	1999
1.9	0.8	0.0	0.3	1.2	32.5	0.4	25.4	1.0	5.6	2000
2.5	1.8	0.0	0.1	0.7	21.8	0.4	16.2	0.8	4.5	2001
2.4	1.8	0.0	0.1	0.7	23.5	0.4	17.0	0.6	5.5	2002
By Fishing Type (2002)										
1,672	456	48	132	1,371	29,734	528	21,641	1,427	6,137	F. Household Without Boat
5,415	449	17	142	744	34,465	622	24,781	413	8,649	F. Household With Motor Boat
1,095	10,645	145	257	1,251	33,534	594	24,200	1,277	7,463	Aquaculture, F. Household

11. 차 입 처 별 부 채 (1983~2002) Fishery Household Debts by Borrowing (1983~2002)

단위 : 천원, %

연도 어업형태별 Year By Fishing Type	차입처별부채 Fishery Household Debts by Borrowing	금융 기관 Financial Institutions				사 채 Individual		
		소 계 Sub-Total	수 협 Fisheries Cooperatives	농(축)협 Agriculture Cooperative	기 타 Others	소 계 Sub-Total	농 어 가 Farm H. or Fishery H.	기 타 Others
연 도 별 By Year								
1983	2,040	1,123	859	194	70	918	528	390
1984	2,361	1,249	933	234	83	1,112	715	397
1985	3,378	2,157	1,491	513	152	1,221	908	313
1986	3,549	2,297	1,569	567	160	1,252	906	346
1987	4,064	2,800	1,858	728	215	1,264	822	442
1988	3,818	2,736	1,765	745	225	1,082	654	428
1989	5,276	3,966	1,931	1,715	320	1,310	834	476
1990	5,925	4,515	2,059	2,147	309	1,411	801	609
1991	6,520	5,132	2,378	2,294	460	1,389	751	638
1992	6,485	5,232	2,196	2,345	690	1,253	708	545
1993	7,662	6,089	2,335	3,049	704	1,574	825	748
1994	9,293	7,892	3,426	4,010	456	1,401	713	688
1995	11,033	9,110	4,275	4,353	481	1,924	875	1,049
1996	12,342	10,378	5,097	4,744	536	1,964	786	1,178
1997	11,906	10,282	4,872	4,773	637	1,624	809	815
1998	11,319	9,588	4,636	4,513	438	1,731	703	1,028
1999	11,555	9,451	4,269	4,751	431	2,104	695	1,410
2000	13,635	11,094	5,112	5,477	504	2,541	744	1,798
2001	15,466	12,755	5,862	6,039	854	2,711	817	1,894
2002	17,494	14,031	6,785	6,658	588	3,464	925	2,539
구 성 비 Composition								
1983	100.0	55.0	42.1	9.5	3.4	45.0	25.9	19.1
1984	100.0	52.9	39.5	9.9	3.5	47.1	30.3	16.8
1985	100.0	63.8	44.1	15.2	4.5	36.2	26.9	9.3
1986	100.0	64.7	44.2	16.0	4.5	35.3	25.5	9.8
1987	100.0	68.9	45.7	17.9	5.3	31.1	20.2	10.9
1988	100.0	71.7	46.2	19.5	5.9	28.3	17.1	11.2
1989	100.0	75.2	36.6	32.5	6.1	24.8	15.8	9.0
1990	100.0	76.2	34.7	36.2	5.2	23.8	13.5	10.3
1991	100.0	78.7	36.5	35.2	7.1	21.3	11.5	9.8
1992	100.0	80.7	33.9	36.2	10.6	19.3	10.9	8.4
1993	100.0	79.5	30.5	39.8	9.2	20.5	10.8	9.8
1994	100.0	84.9	36.9	43.1	4.9	15.1	7.7	7.4
1995	100.0	82.6	38.7	39.5	4.4	17.4	7.9	9.5
1996	100.0	84.1	41.3	38.4	4.3	15.9	6.4	9.5
1997	100.0	86.4	40.9	40.1	5.3	13.6	6.8	6.8
1998	100.0	84.7	41.0	39.9	3.9	15.3	6.2	9.1
1999	100.0	81.8	36.9	41.1	3.7	18.2	6.0	12.2
2000	100.0	81.4	37.5	40.2	3.7	18.6	5.5	13.2
2001	100.0	82.5	37.9	39.0	5.5	17.5	5.3	12.2
2002	100.0	80.2	38.8	38.1	3.4	19.8	5.3	14.5
어 업 형 태 별 By Fishing Type (2002)								
어선비사용가구	6,599	5,167	1,505	3,563	99	1,432	219	1,213
동력선사용가구	21,690	17,656	10,233	6,536	887	4,033	1,311	2,722
양식업가구	24,126	18,943	6,822	11,480	642	5,182	1,104	4,079

12. 용도별 부채 (1983~2002) Fishery Household Debts by Purpose (1983~2002)

Unit : Thousand won, %

연도 어업형태별 Year By Fishing Type	용도별부채 Fishery Household Debts by Purpose	생산성부채 Business Debt			가계성부채 Household consumption Debt	채무상환용 Other Funds
		소 계 Sub-Total	어 업 Fishery Expenses	경 업 Nonfishery Expenses		
연 도 별 By Year						
1983	2,040	1,407	1,263	144	574	59
1984	2,361	1,658	1,455	203	648	55
1985	3,378	2,501	2,054	447	804	74
1986	3,549	2,545	2,150	395	911	93
1987	4,064	2,740	2,309	431	1,170	154
1988	3,818	2,683	2,220	463	970	165
1989	5,276	4,130	3,057	1,074	868	277
1990	5,925	4,738	3,281	1,457	870	317
1991	6,520	5,240	3,256	1,984	958	322
1992	6,485	5,211	3,001	2,210	951	323
1993	7,662	6,092	3,045	3,048	1,129	441
1994	9,293	7,553	4,842	2,712	1,382	357
1995	11,033	8,928	5,924	3,004	1,724	381
1996	12,342	9,848	5,826	4,022	1,845	649
1997	11,906	9,513	5,512	4,000	1,762	631
1998	11,319	9,056	4,733	4,324	1,794	469
1999	11,555	8,294	4,165	4,129	2,097	1,164
2000	13,635	9,709	4,950	4,759	2,552	1,374
2001	15,466	10,923	5,859	5,064	3,179	1,364
2002	17,494	12,653	7,090	5,563	3,784	1,058
구 성 비 Composition						
1983	100.0	69.0	61.9	7.0	28.2	2.9
1984	100.0	70.2	61.6	8.6	27.4	2.3
1985	100.0	74.0	60.8	13.2	23.8	2.2
1986	100.0	71.7	60.6	11.1	25.7	2.6
1987	100.0	67.4	56.8	10.6	28.8	3.8
1988	100.0	70.3	58.1	12.1	25.4	4.3
1989	100.0	78.3	57.9	20.3	16.5	5.3
1990	100.0	80.0	55.4	24.6	14.7	5.4
1991	100.0	80.4	49.9	30.4	14.7	4.9
1992	100.0	80.3	46.3	34.1	14.7	5.0
1993	100.0	79.5	39.7	39.8	14.7	5.8
1994	100.0	81.3	52.1	29.2	14.9	3.8
1995	100.0	80.9	53.7	27.2	15.6	3.5
1996	100.0	79.8	47.2	32.6	14.9	5.3
1997	100.0	79.9	46.3	33.6	14.8	5.3
1998	100.0	80.0	41.8	38.2	15.8	4.1
1999	100.0	71.8	36.0	35.7	18.1	10.1
2000	100.0	71.2	36.3	34.9	18.7	10.1
2001	100.0	70.6	37.9	32.7	20.6	8.8
2002	100.0	72.3	40.5	31.8	21.6	6.0
어 업 형태 별 By Fishing Type (2002)						
어선비사용가구	6,599	4,454	920	3,534	2,122	24
동력선사용가구	21,690	15,074	9,935	5,139	4,744	1,872
양식업가구	24,126	19,662	9,790	9,872	3,854	610

Statistical Tables by Year (1994 2003)

1. Production by Fisheries

:M/T

In metric ton

	Total	Marine Fisheries				Inland Waters Fisheries		
		Subtotal	Distant Waters Fisheries	Adjacent Waters Fisheries	Shallow-sea Cultures	Subtotal	Fishing	Culture
1994	3,476,587	3,445,681	887,198	1,486,357	1,072,126	30,906	10,041	20,865
1995	3,348,184	3,318,891	897,227	1,425,213	996,451	29,293	8,928	20,365
1996	3,244,288	3,214,010	715,378	1,623,822	874,810	30,278	7,884	22,394
1997	3,243,725	3,211,935	829,395	1,367,406	1,015,134	31,790	6,934	24,856
1998	2,835,015	2,808,163	722,597	1,308,336	777,230	26,852	6,850	20,002
1999	2,910,569	2,892,723	791,409	1,336,062	765,252	17,846	6,317	11,529
2000	2,514,225	2,493,640	651,267	1,189,000	653,373	20,585	7,142	13,443
2001	2,665,124	2,646,983	739,057	1,252,099	655,827	18,141	5,971	12,170
2002	2,476,188	2,457,677	580,346	1,095,812	781,519	18,511	5,690	12,821
2003	2,487,042	2,467,362	544,591	1,096,526	826,245	19,680	6,080	13,600

2. Value of Fishery Production

In thousand won

:	Total	Distant Waters Fisheries	Adjacent Waters Fisheries	Shallow-sea Cultures	Inland Waters Fisheries
1994	4,330,126,095	947,543,000	2,520,606,111	720,566,214	141,410,770
1995	4,157,217,574	886,841,000	2,479,441,522	648,082,374	142,852,678
1996	4,421,479,343	917,788,000	2,735,079,190	643,322,269	125,289,884
1997	4,818,224,070	1,274,562,215	2,483,356,678	921,811,273	138,493,904
1998	4,543,357,322	1,155,812,625	2,293,637,349	950,314,972	143,592,376
1999	4,443,953,443	1,217,876,194	2,280,019,536	831,902,493	114,155,220
2000	4,458,461,011	1,321,680,468	2,329,483,389	683,855,951	123,441,203
2001	4,511,850,999	1,223,078,299	2,468,308,722	717,162,507	103,301,471
2002	4,307,260,537	911,424,400	2,487,006,174	794,517,120	114,312,843
2003	4,764,747,992	1,066,544,755	2,405,712,743	1,165,771,298	126,719,196

3.

Production by Fisheries

:M/T

	Total										
	Total	Fishes	Crustacea	Shell Fishes	Mollusca	Other Aquatic Animals	Seaweeds	Algae			
									Subtotal	Fishes	Crustacea
1998	2,835,015	1,578,269	107,441	320,356	312,199	34,382	482,363	5	1,308,336	909,087	104,222
1999	2,910,569	1,402,365	93,252	296,635	591,168	40,578	486,567	4	1,336,062	876,171	90,038
2000	2,514,225	1,280,428	82,800	300,386	427,580	35,544	387,479	8	1,189,000	769,628	74,994
2001	2,665,124	1,466,752	74,462	283,433	413,360	38,646	388,471	0	1,252,099	851,728	67,070
2002	2,476,188	1,202,107	72,470	271,818	394,398	27,411	507,984	0	1,095,812	714,058	57,327
2003	2,487,042	1,143,516	89,380	402,957	379,092	14,889	457,208	0	1,096,526	656,528	66,002
	Marine Fishery										
	Distant Waters Fisheries										
	Subtotal	Fishes	Crustacea	Mollusca	Total	Subtotal					
1998	722,597	606,235	2,252	114,110	26,852	6,850					
1999	791,409	476,441	1,898	313,070	17,846	6,317					
2000	651,267	465,200	6,534	179,533	20,585	7,142					
2001	739,057	568,795	5,233	165,029	18,141	5,971					
2002	580,346	423,696	13,663	142,987	18,511	5,690					
2003	544,591	397,196	20,927	126,468	19,680	6,080					

and Group of Species

In metric ton

Marine Fisheries											
Adjacent Waters Fisheries				Shallow-sea Cultures							
Shell Fishes	Mollusca	Other Aquatic Animals	Seaweeds	Subtotal	Fishes	Crustacea	Shell Fishes	Mollusca	Other Aquatic Animals	Seaweeds	
79,562	198,089	4,782	12,594	777,230	37,323	846	239,754	0	29,538	469,769	1998
74,302	278,098	4,558	12,895	765,252	33,453	1,180	221,031	0	35,916	473,672	1999
77,103	248,047	6,205	13,023	653,373	25,986	1,158	222,608	0	29,165	374,456	2000
65,328	248,331	4,709	14,933	655,827	29,297	2,081	217,078	0	33,833	373,538	2001
57,336	251,411	5,253	10,427	781,519	48,073	1,403	212,433	0	22,053	497,557	2002
109,878	252,624	6,340	5,154	826,245	72,393	2,324	291,063	0	8,411	452,054	2003
Inland Waters Fisheries											
Fishing					Cultures						
Fishes	Crustacea	Shell Fishes	Other Aquatic Animals	Algae	Subtotal	Fishes	Crustacea	Shell Fishes	Other Aquatic Animals	Algae	
5,752	111	977	5	5	20,002	19,872	10	63	57	0	1998
4,942	111	1,261	2	1	11,529	11,358	25	41	102	3	1999
6,402	93	645	1	1	13,443	13,212	21	30	173	7	2000
5,254	48	669	0	0	12,170	11,678	30	358	104	0	2001
4,993	61	636	0	0	12,821	11,287	16	1,413	105	0	2002
4,504	111	1,465	0	0	13,600	12,895	16	551	138	0	2003

4.

Production by

:M/T

	Total						
		Total	Tuna Longliner	Tuna Purse Seine	Squid Angling	Saury Lever Lift Nets	
		1998	2,835,015	722,597	67,467	200,905	82,158	13,926
1999	2,910,569	791,409	48,703	142,091	263,312	18,036	
2000	2,514,225	651,267	58,387	170,025	159,726	24,803	
2001	2,665,124	739,057	62,526	178,072	127,411	20,869	
2002	2,476,188	580,346	61,631	206,150	94,760	20,088	
2003	2,487,042	544,591	48,794	190,452	80,871	31,219	
	Total	Large Otter Trawls					
		Sub - Total	Danish Seine	Pair Trawl	Sub-Total	Eastern Sea Danish Seine	
		1998	1,308,336	123,180	18,095	105,085	27,830	4,851
1999	1,336,062	117,986	12,765	105,221	20,428	3,992	
2000	1,189,000	105,719	11,796	93,923	18,747	3,568	
2001	1,252,099	97,117	9,275	87,842	14,093	3,552	
2002	1,095,812	89,035	9,816	79,219	16,319	5,825	
2003	1,096,526	69,486	6,746	62,740	22,252	6,586	
	Subtotal	Purse Seines			Line Fishing		
		Large Powered Purse Seine	Small Powered Purse Seine	Coastal Sailing Purse Seine	Sub-Total	Off-Shore Angling	Coastal Angling
		1998	227,374	205,037	19,934	2,403	97,356	70,944	26,412
1999	247,253	229,927	15,514	1,812	120,211	92,141	28,070
2000	194,100	179,988	12,345	1,767	114,950	81,133	33,817
2001	244,102	231,821	9,316	2,965	102,774	75,365	27,409
2002	194,354	181,849	9,310	3,195	95,525	73,063	22,462
2003	168,406	158,662	6,977	2,767	73,802	73,802	0

Fisheries Type

In metric ton

Marine Fisheries							
Distant Waters Fisheries							
(North Pacific Ocean Trawl (Russia)	(North Pacific Ocean Trawl (Hokkaido)	Trawl	Shrimp Trawl	Bottom Longline	Distant Drift Gill Nets	Others	
138,568	92,642	113,600	137	9,450	194	3,550	1998
127,900	19,479	156,014	19	12,428	0	3,427	1999
87,830	0	133,100	14	15,682	0	1,700	2000
198,541	0	132,261	375	16,581	0	2,421	2001
24,947	0	160,674	0	9,873	0	2,223	2002
22,650	0	162,471	0	5,656	0	2,478	2003
Marine Fisheries							
Adjacent Waters Fisheries							
Middle Otter Trawls			Off-Shore Trawl				
West Southern Danish Seine	West Southern Pair Seine	Sub-Total	Off-Shore Trawl	Eastern Sea Trawl			
21,949	1,030	108,563	98,964	9,599		1998	
15,298	1,138	140,844	134,064	6,780		1999	
14,150	1,029	132,210	127,113	5,097		2000	
9,442	1,099	159,849	134,971	24,878		2001	
9,362	1,132	141,965	123,412	18,553		2002	
14,797	869	143,761	116,559	27,202		2003	
Marine Fisheries							
Adjacent Waters Fisheries							
Anchovy Drag Nets	Gill Nets			Stow Nets			
	Sub-Total	Off-Shore drift Gill Nets	Coastal drift Gill Nets	Sub-Total	Off-Shore Stow Nets	Coastal Stow Nets	
118,960	135,718	43,528	92,190	158,502	118,960	39,542	1998
94,173	155,528	47,856	107,672	130,190	94,146	36,044	1999
75,198	142,203	51,647	90,556	101,944	65,128	36,816	2000
96,951	140,310	50,809	89,501	94,593	66,951	27,642	2001
90,492	136,132	53,368	82,764	84,549	59,144	25,405	2002
133,954	92,052	29,690	62,362	69,858	40,887	28,971	2003

4.

Production by

:M/T

	Off-shore Stick-Held dip Nets	Diving	Sub-Total	Traps			Coastal Traps	Sub-Total	
				Off-Shore Traps					
		Eel Traps	Other Traps						
1998	5,280	17,091	60,980	3,253	37,967	19,760	9,643		
1999	601	18,065	50,882	2,858	25,465	22,559	3,415		
2000	0	13,528	43,792	1,876	19,165	22,751	4,995		
2001	0	12,004	40,124	1,727	16,683	21,714	2,805		
2002	0	11,446	50,906	11,056	12,727	27,123	1,674		
2003	10	11,400	53,899	12,617	22,797	18,485	2,224		

	Shrimp Bottom Trawl	Coastal Composite fishery	Set Nets Fisheries	() Cooperative		Sub-Total	Stow Nets On Anchors	Stationary Nets of Rectangular shape	Gape Nets with wings
				Shell Fishes, Sea-Weeds Rake	Fishes Catch				
1998	40	0	56,188	47,467	0	13,523	1,806	83	3,348
1999	738	0	68,798	52,399	0	17,417	531	357	4,230
2000	254	11	68,860	58,442	0	13,987	603	1,091	7,931
2001	504	0	71,302	49,470	0	18,824	678	1,571	7,233
2002	84	0	38,773	38,922	0	14,824	1,129	771	7,137
2003	3,810	45,404	48,997	47,793	0	25,760	1,087	2,751	6,451

) 1998
) () 1998

5.

Production by

	Total	Total	Sub-Total	가 Skates	가 Flounders	Hair Tail	Mackerels	Saury	Bastard	Sea Bass	가 Skip Jack Tuna
1998	2,835,015	722,597	606,235	3,814	97	9,585	5	13,922	38	476	143,390
1999	2,910,569	791,409	476,441	10,030	412	12,866	69	18,159	31	1,467	109,780
2000	2,514,225	651,267	465,200	10,946	218	12,135	37	25,029	40	889	137,015
2001	2,665,124	739,057	568,795	8,903	3	3,503	26	20,869	30	610	137,569
2002	2,476,188	580,346	423,696	7,192	12	3,857	317	20,088	20	411	173,693
2003	2,487,042	544,591	397,196	7,441	234	3,264	22	31,219	24	744	153,328

() Fisheries Type (Cont'd)

In metric ton

Marine Fisheries								
Adjacent Waters Fisheries								
Dredged Nets		Small Trawl Nets	Long Line			Coastal Lift Nets		
Shell Fish Dredged Nets	Coastal Dredged Nets		Sub-Total	Off-Shore Long Line	Coastal Long Line			
5,325	4,318	0	34,322	12,464	21,858	17,459	1998	
2,750	665	0	33,061	11,806	21,255	7,757	1999	
4,307	688	0	37,576	12,202	25,374	6,287	2000	
878	1,927	0	32,143	15,180	16,963	5,554	2001	
494	1,180	0	30,415	16,142	14,273	6,044	2002	
2,224	0	0	14,755	14,755	0	11,672	2003	
Marine Fisheries								
Adjacent Waters Fisheries				Shallow-sea Cultures	Inland Waters Fisheries			
Cooperative Fisheries			Others		Total	Fishing	Cultures	
Dredged Nets	Small Shrimp Beam Trawl	Others						
879	1,066	6,341	48,860	777,230	26,852	6,850	20,002	1998
101	2,478	9,720	56,316	765,252	17,846	6,317	11,529	1999
136	1,232	2,994	56,197	653,373	20,585	7,142	13,443	2000
223	2,948	6,171	69,580	655,827	18,141	5,971	12,170	2001
105	1,486	4,196	54,353	781,519	18,511	5,690	12,821	2002
9,267	1,198	5,006	57,231	826,245	19,680	6,080	13,600	2003

Species

In metric ton

Marine Fisheries										
Distant Waters Fisheries										
Fishes										
Alacore Tuna	South Blue fin Tuna	Bigeye Tuna	Blue fin Tuna	Yellow fin Tuna	Other Tuna	John Dory	Cod	English Cod	Red Cod	
3,998	1,562	33,042	0	73,354	5,102	36	5,713	1,976	460	1998
1,179	1,271	26,558	0	43,255	3,581	540	5,640	2,512	1,166	1999
684	987	30,079	0	49,461	3,678	636	8,332	2,150	480	2000
1,920	735	31,335	0	58,957	4,212	225	10,652	2,224	251	2001
2,488	649	31,962	0	48,778	5,027	0	7,272	1,645	266	2002
1,895	221	21,839	0	52,192	4,790	4	2,595	3,035	253	2003

5. Production by

:M/T

	Sea-Breams										
	Other Cods	Nebulosus	Orange Roughy	Lcticus Pellucidus	Butter Fish	Snappers	Silver Grunter	Other sea -Breams	Alaska Pollack	Croakers	Hoki Whiptail
	1998	0	93	77	0	39	569	130	3,273	230,143	20,803	5,191
1999	17	165	232	0	493	474	20	5,978	145,720	24,444	6,205
2000	710	98	4	0	317	524	25	6,449	86,066	23,169	9,910
2001	604	459	47	0	209	601	2	4,834	199,123	22,033	11,037
2002	146	409	0	0	636	369	0	8,253	24,825	24,295	10,943
2003	80	0	56	0	787	265	7	6,604	21,890	23,401	11,118

	Fishes											
	White Marlin	Blue Marlin	Sword Fish	Black Marlin	Other Marlin	Tongue Fishes	Gurnards	Atka Fish	Pacific Ocean Perch	Jack Mackerels	Croakers	Herring
	1998	43	795	573	427	3,806	1,986	0	252	110	1,995	1,241	0
1999	13	589	474	813	1,400	2,789	3	0	218	2,182	8,075	1,437
2000	7	637	665	776	1,320	2,941	0	0	219	259	4,160	1,730
2001	44	349	1,031	1,291	1,617	2,706	0	0	202	313	1,630	0
2002	2	275	1,151	1,150	1,819	1,842	0	0	430	1,192	2,054	20
2003	41	233	880	1,625	1,593	1,594	0	0	611	2,525	3,703	0

	Total										
		Sub-Total	가 Skates	가 Flounders	Hair Tail	Sea Bass	Mackerels	Saury	Half Beak	Bastard	Common Sea Bass
1998	1,308,336	909,087	2,600	20,135	74,851	53,998	172,925	4,609	1,160	2,002	2,957
1999	1,336,062	876,171	3,948	19,569	64,434	50,494	177,540	11,400	913	1,679	2,933
2000	1,189,000	769,628	2,309	15,423	81,050	31,345	145,908	19,883	956	1,607	1,201
2001	1,252,099	851,728	2,880	14,503	79,898	24,502	203,717	5,336	613	1,707	1,566
2002	1,095,812	714,058	2,356	13,816	60,172	19,793	141,751	7,099	670	1,822	1,479
2003	1,096,526	656,528	2,566	13,107	62,861	18,880	122,044	1,424	411	1,801	1,564

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Species (Cont'd)

In metric ton

Marine Fisheries													
Distant Waters Fisheries													
Fishes													
Mud Fish	Yellow Tails	Rock Fish	Sea Eel	Spanish Mackerels	() Southern King Fish	Sharks	Blue Marlin	Saifish					
1,242	5	0	87	2,935	1	1,624	805	389			1998		
1,894	1	153	159	1,242	349	1,970	300	496			1999		
1,758	0	0	122	1,609	432	2,099	301	185			2000		
1,604	0	0	78	2,097	512	1,621	350	33			2001		
1,864	2	0	6	1,338	585	1,943	396	128			2002		
1,630	34	0	15	771	145	1,005	330	131			2003		
Marine Fisheries													
Distant Waters Fisheries													
Crustacea						Mollusca							
Others	Sub-Total	Crabs	Krill	Other Shrimps	Others	Sub-Total	Cuttle Fishes	Octopus	Squid	Other Mollusca			
31,031	2,252	120	1,916	216	0	114,110	1,384	336	112,291	99	1998		
29,620	1,898	64	52	1,769	13	313,070	1,445	2,311	309,195	119	1999		
35,912	6,534	192	4,499	1,835	8	179,533	824	457	177,843	409	2000		
32,344	5,233	30	1,650	1,852	1,701	165,029	1,076	92	163,092	769	2001		
33,946	13,663	5	12,965	275	418	142,987	1,100	87	141,352	448	2002		
33,022	20,927	101	20,411	168	247	126,468	3,633	217	121,945	673	2003		
Marine Fisheries													
Adjacent Waters Fisheries													
Fishes													
Red Fish	Sea Bass	Tunas	Sand Fish	Cods	Black Sea Bream	Red Horsehead	Caral Fish	Common Sea Bream	Other Sea Bream	Gobies		Lizard Fishes	Anchovies
688	77	3,371	1,490	476	534	1,810	80	1,657	1,840	1,299	215	249,519	1998
531	20	2,861	2,449	894	619	1,651	12	924	1,117	897	35	238,934	1999
918	29	3,245	1,571	1,766	658	1,664	59	986	1,339	788	795	201,192	2000
612	28	3,295	1,286	2,458	512	1,049	5	913	1,419	703	758	273,927	2001
558	9	2,344	3,381	1,968	764	1,341	6	1,084	1,466	388	33	236,315	2002
1,525	26	3,739	1,928	1,826	866	1,303	5	756	1,322	789	644	250,106	2003

5. Production by

:M/T

	Alaska Pollacks	Brown Croaker	Yellow Tail	Round Herring	Whatings	Pomfret	White Croaker	Sillaginoid	Puffers	Black Rockfish	Other Rockfish	Yellow Croaker
1998	6,232	1,285	9,620	1,974	1,029	13,210	1,777	48	3,897	2,092	2,510	294
1999	1,392	1,566	8,627	6,674	3,374	15,235	2,196	107	4,787	1,813	2,760	270
2000	766	1,999	4,814	4,603	9,693	7,838	1,864	100	2,978	2,682	2,105	354
2001	207	2,156	6,475	766	3,831	6,819	998	10	3,735	2,765	2,238	426
2002	215	1,148	5,374	788	2,247	6,191	734	15	3,110	3,227	1,669	325
2003	242	1,299	3,671	885	3,718	7,496	460	14	2,486	3,811	2,222	220
	Fishes											
	Sharp Toothed Eel	Borer	See Eel	Jack Mackerels	Hickory Shad	Sardine	edlip Croaker	Other Croakers	Bigeyed Herring	File Fish	Herring	Skate Ray
1998	1,506	12	11,913	22,132	11,349	7,595	15,011	12,443	381	9,364	13,340	1,764
1999	1,900	0	10,160	13,552	9,511	17,142	13,490	14,500	265	2,999	20,010	662
2000	1,862	1	8,303	19,510	6,366	2,207	19,630	7,105	134	2,891	13,473	256
2001	1,080	3	7,676	17,537	9,120	129	7,938	2,986	40	1,578	8,491	211
2002	883	0	17,210	26,037	4,717	8	10,941	3,240	19	933	1,941	227
2003	800	63	17,451	20,454	6,518	18	7,098	2,354	11	1,429	3,571	222
	Crustacea											
	Other Shrimps	Others	Sub-Total	Bai-top Shell	Oysters	Trumpet-Shell	Abalone (Earshell)	Abalones	가 Scallop	가 (Venus Clam)	() (Hen clam)	
1998	19,365	1,431	79,562	1,325	9,905	9,192	87	71	42	580	2,877	
1999	11,778	1,645	74,302	1,672	11,690	7,283	43	79	6	1,331	7,620	
2000	10,488	1,136	77,103	818	15,939	7,281	37	76	0	2,273	4,149	
2001	8,077	4,257	65,328	730	10,056	6,274	38	66	11	1,964	3,409	
2002	7,206	936	57,336	1,555	7,950	7,193	26	49	0	2,162	3,464	
2003	7,875	2,721	109,878	2,600	20,201	14,065	21	73	32	1,023	5,694	

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Species (Cont'd)

In metric ton

Marine Fisheries													
Adjacent Waters Fisheries													
Fishes													
Spanish Mackerels	Sharks	Tongue fishes	Gumards	Trouts	Marbled Rockfish	Mulletts	Monk Fish	Sand Lance	Sand Lance	Bartail flathead	Salmon	Arabesque greenling	
22,809	503	654	146	964	186	4,962	3,970	4,801	0	2,857	56	7,911	1998
19,502	449	836	43	421	92	9,678	3,406	4,806	0	2,248	57	1,005	1999
25,641	262	1,148	79	0	92	8,730	4,930	16,293	0	2,310	28	2,554	2000
25,513	389	1,013	140	0	149	9,784	5,813	4,803	462	1,699	19	1,261	2001
25,956	243	585	260	0	111	8,887	9,500	5,145	7	1,199	33	627	2002
22,608	213	730	225	0	123	7,877	10,486	2,419	1,047	1,495	42	3,083	2003
Marine Fisheries													
Adjacent Waters Fisheries													
Crustacea													
Others	Sub-Total	Blue Crab	Snow Crab	Red tanner Crab	Others Crabs	Blue Shrimps	Lobster	Large Shrimp	Banded Shrimp	Shrimp Small	Shrimp Medium		
110,197	104,222	13,813	459	33,146	10,274	3,249	458	1,245	1,138	15,993	3,651	1998	
96,782	90,038	11,819	1,134	22,366	11,875	4,620	485	814	480	19,389	3,633	1999	
71,335	74,994	12,842	756	16,281	9,372	5,263	461	1,211	578	13,985	2,621	2000	
91,781	67,070	13,016	1,001	12,973	9,001	3,145	415	582	513	11,705	2,385	2001	
71,691	57,327	18,659	896	9,166	6,753	4,132	391	222	217	7,013	1,736	2002	
30,174	66,002	9,478	1,889	19,262	6,798	3,988	393	148	240	12,885	325	2003	
Marine Fisheries													
Adjacent Waters Fisheries													
Shell Fishes													
Cockles	Surf Clam	Jack Knife Clams	Short Neck Clam	Hard Clams	Rock Shell	Japanese Geoduck	Pen Shell	Ark Shell	Sea Mussel	Others			
12,114	2,411	2,862	14,585	3,472	1,078	73	6,456	1,311	1,469	9,652	1998		
6,503	4,325	1,751	13,963	1,799	112	73	6,771	534	1,414	7,333	1999		
4,184	2,468	1,572	20,982	1,430	411	103	5,795	318	1,133	8,134	2000		
923	5,774	1,452	20,004	1,044	2,002	43	3,828	153	1,085	6,472	2001		
790	6,730	702	14,758	1,704	810	46	3,500	228	946	4,723	2002		
5,267	21,240	6,311	13,148	6,918	1,288	15	2,443	509	817	8,213	2003		

5. Production by

:M/T

	Mollusca										
	Sub-Total	Cuttle Fishes	Squid	Rouple Squid	Octopus	Other Octopus	Squids	Others	Sub-Total	Stalked Sea Squirts	Sea Urchin
	1998	198,089	2,563	4,119	6,395	12,038	7,999	163,016	1,959	4,782	56	1,410
1999	278,098	6,652	1,629	5,966	8,179	5,117	249,991	564	4,558	29	1,182
2000	248,047	1,267	885	5,861	8,718	4,569	226,309	438	6,205	3	1,461
2001	248,331	1,443	898	5,911	9,668	4,294	225,616	501	4,709	49	1,454
2002	251,411	1,920	836	5,297	12,408	3,911	226,656	383	5,253	59	1,459
2003	252,624	872	758	7,248	5,121	5,200	233,254	171	6,340	994	1,607

	Adjacent Waters Fisheries									
	Seaweeds				Total					
	Sea Staghorn	Fusiforme	Sea Lettuce	Other Seaweeds		Sub-Total	Flounders	Bastard	Common Sea Bass	
1998	280	3,856	61	3,191	777,230	37,323	0	22,277	940	
1999	391	7,423	183	793	765,252	33,453	0	21,368	797	
2000	220	6,062	64	1,627	653,373	25,986	0	14,127	605	
2001	404	7,024	40	594	655,827	29,297	0	16,426	873	
2002	558	5,081	412	901	781,519	48,073	0	23,348	2,006	
2003	27	2,744	182	564	826,245	72,393	0	34,533	2,778	

	Other Fisheries										
	Sub-Total	Large Shrimp	Banded Shrimp	Shirimp Medium	Other Shirimp	Sub-Total	Oysters	Trumpet-shell	Abalone (Ear shell)	Abalones	가 Scallop
	1998	846	846	0	0	0	239,754	175,926	1	88	3	360
1999	1,180	1,142	0	0	38	221,031	177,259	1	0	0	377
2000	1,158	1,158	0	0	0	222,608	177,079	9	1	20	2,371
2001	2,081	2,081	0	0	0	217,078	174,117	3	0	29	66
2002	1,403	1,403	0	0	0	212,433	182,229	0	0	85	5
2003	2,324	2,324	0	0	0	291,063	238,326	0	0	1,065	23

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Species (Cont'd)

In metric ton

Marine Fisheries														
Adjacent Waters Fisheries														
Other Fishies			Seaweeds											
Sea Squirts	Sea Cucumber	Others	Sub-Total	Laver	Sea String	Tangle	Typicus & Lrish Moss	Sea Duck Weed	Sea Mustard	가 Agar-Agar	가 Other Agar-Agar			
891	1,439	986	12,594	635	1	500	15	19	784	3,136	116	1998		
1,142	1,204	1,001	12,895	418	13	577	24	24	600	2,307	142	1999		
1,440	1,419	1,882	13,023	1	0	350	15	29	1,717	2,872	66	2000		
1,004	900	1,302	14,933	11	1	357	13	22	2,664	3,768	35	2001		
966	833	1,936	10,427	29	0	88	2	0	1,089	2,150	117	2002		
836	1,281	1,622	5,154	122	0	37	7	0	942	467	62	2003		
Marine Fisheries														
Shallow-sea Cultures														
Fishes														
Sea Bass	Black Sea Bream	Common Sea Bream	Other Sea Breams	Brown Croaker	Yellow Tail	Puffers	Black Rockfish	Other Rockfish	Mulletts	Atka Fish	File Fish	Others		White Cracker
1	51	146	134	0	266	0	12,544	231	106	0	619	8	0	1998
5	92	176	186	16	236	15	9,459	721	347	0	35	0	0	1999
6	221	412	386	51	494	2	8,473	225	968	0	9	7	0	2000
20	275	641	94	45	95	63	9,254	76	1,415	3	3	9	5	2001
39	685	960	234	19	186	29	16,550	86	3,898	0	0	33	0	2002
101	1,084	4,417	1,287	7	114	14	23,771	167	4,093	0	3	24	0	2003
Marine Fisheries														
Shallow-sea Cultures														
가 ()														
Venus Clam	Hen Clam	Cockles	Surf Clam	Jack knife Clams	Short neck	Hard Clams	Rock Shell	Pen shell	Ark Shell	Sea Mussel	Others			
33	0	5,041	0	68	17,178	0	52	190	23,029	17,785	0	1998		
3	2	2,511	0	0	16,135	17	19	1,104	8,550	15,042	11	1999		
46	1	820	0	0	17,927	0	0	1,998	10,618	11,713	5	2000		
25	6	3,842	0	0	16,433	26	0	1,240	7,359	13,653	279	2001		
219	0	413	0	0	10,652	5	0	577	4,745	13,201	302	2002		
189	0	2,440	0	2	27,494	167	73	783	4,696	15,785	20	2003		

5. Production by

:M/T

	Other Fishies											
			Sub-Total	Stalked Sea Squirts	Sea Squirts	Sea Cucumber	Others					
1998	0	29,538	5,650	8,177	0	15,711						
1999	0	35,916	11,292	11,845	0	12,779						
2000	0	29,165	13,889	2,336	0	12,940						
2001	0	33,833	15,084	4,603	0	14,146						
2002	0	22,053	5,266	9,613	0	7,174						
2003	0	8,411	2,047	3,116	0	3,248						
	Total	Fishing	Fishes								가	
			Total	Sub-Total	Common Sea Bass	Tilapia	Korean Bullhead	Trout	Mullet	Shake Head	Mud Fish	
1998	26,852	6,850	20,002	19,872	0	796	0	3,994	42	520	2,158	
1999	17,846	6,317	11,529	11,358	0	628	42	3,109	22	317	1,996	
2000	20,585	7,142	13,443	13,212	20	787	50	2,808	25	216	2,745	
2001	18,141	5,971	12,170	11,678	10	609	47	2,834	38	333	2,567	
2002	18,511	5,690	12,821	11,287	1	756	48	2,860	28	291	2,368	
2003	19,680	6,080	13,600	12,895	3	717	27	3,521	7	314	1,609	
	Fishes									Crabs		
	Salmon	Sweet Fish	Pancy Carp	Common Carp	Israel Carp	Pale Chub	Sea Shiner	Others	Sub-Total	Crabs	Shrimps	Others
1998	0	428	68	1,762	6,576	0	5	128	10	9	1	0
1999	0	208	25	716	1,265	1	1	200	25	12	9	4
2000	0	122	287	713	1,838	0	3	34	21	15	6	0
2001	1	65	49	372	1,212	0	5	15	30	21	9	0
2002	0	63	39	283	962	0	0	37	16	16	0	0
2003	0	69	38	190	920	0	10	21	16	14	2	0

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Species (Cont'd)

In metric ton

Marine Fisheries											
Adjacent Waters Fisheries											
Algae											
Sub-Total	Laver	Tangle	Sea Mustard	가 Agar-Agar	가 Other Agar-Agar	Sea Staghorn	Fusiforme	Sea lettuce	Other Sea Weeds		
469,769	191,578	7,931	239,742	0	0	0	24,993	5,298	227	1998	
473,672	205,706	25,447	213,706	16	2	43	22,679	5,873	200	1999	
374,456	130,488	14,160	212,429	0	0	164	11,654	5,288	273	2000	
373,538	167,909	17,506	175,490	0	0	7	6,865	5,760	1	2001	
497,557	209,995	24,873	242,135	4	0	72	11,016	9,291	171	2002	
452,054	193,553	25,259	198,172	0	0	53	33,661	1,355	1	2003	
Inland Waters Fisheries											
Culture											
Fishes											
Cannel Cat Fish	Loach	Eel	Blue Gill	Gold Fish	Crap	Pond Smelt	Salmon Trout				
354	430	2,213	0	238	145	0	15			1998	
43	432	2,037	0	85	196	4	31			1999	
0	644	2,725	0	33	134	0	28			2000	
0	642	2,644	0	35	169	0	31			2001	
5	398	2,968	0	26	107	0	47			2002	
0	968	4,312	0	44	103	1	21			2003	
Inland Waters Fisheries											
Culture											
Shell Fishes				Other Aquatic Animals				Algae			
Sub-Total	Cristaria Plicata	Fresh Water Snail	Martels	Others	Sub-Total	Mud Turtle	Others	Sub-Total	Water Shield		Others
63	5	25	33	0	57	57	0	0	0	0	1998
41	0	6	31	4	102	102	0	3	3	0	1999
30	0	30	0	0	173	168	5	7	3	4	2000
358	0	40	309	9	104	104	0	0	0	0	2001
1,413	0	77	1,336	0	105	105	0	0	0	0	2002
551	0	64	485	2	138	138	0	0	0	0	2003

4.

Production by

:M/T

	Total						
		Total	Tuna Longliner	Tuna Purse Seine	Squid Angling	Saury Lever Lift Nets	
		1998	2,835,015	722,597	67,467	200,905	82,158	13,926
1999	2,910,569	791,409	48,703	142,091	263,312	18,036	
2000	2,514,225	651,267	58,387	170,025	159,726	24,803	
2001	2,665,124	739,057	62,526	178,072	127,411	20,869	
2002	2,476,188	580,346	61,631	206,150	94,760	20,088	
2003	2,487,042	544,591	48,794	190,452	80,871	31,219	
	Total	Large Otter Trawls					
		Sub - Total	Danish Seine	Pair Trawl	Sub-Total	Eastern Sea Danish Seine	
		1998	1,308,336	123,180	18,095	105,085	27,830	4,851
1999	1,336,062	117,986	12,765	105,221	20,428	3,992	
2000	1,189,000	105,719	11,796	93,923	18,747	3,568	
2001	1,252,099	97,117	9,275	87,842	14,093	3,552	
2002	1,095,812	89,035	9,816	79,219	16,319	5,825	
2003	1,096,526	69,486	6,746	62,740	22,252	6,586	
	Subtotal	Purse Seines			Line Fishing		
		Large Powered Purse Seine	Small Powered Purse Seine	Coastal Sailing Purse Seine	Sub-Total	Off-Shore Angling	Coastal Angling
		1998	227,374	205,037	19,934	2,403	97,356	70,944	26,412
1999	247,253	229,927	15,514	1,812	120,211	92,141	28,070
2000	194,100	179,988	12,345	1,767	114,950	81,133	33,817
2001	244,102	231,821	9,316	2,965	102,774	75,365	27,409
2002	194,354	181,849	9,310	3,195	95,525	73,063	22,462
2003	168,406	158,662	6,977	2,767	73,802	73,802	0

Fisheries Type

In metric ton

Marine Fisheries							
Distant Waters Fisheries							
(North Pacific Ocean Trawl (Russia)	(North Pacific Ocean Trawl (Hokkaido)	Trawl	Shrimp Trawl	Bottom Longline	Distant Drift Gill Nets	Others	
138,568	92,642	113,600	137	9,450	194	3,550	1998
127,900	19,479	156,014	19	12,428	0	3,427	1999
87,830	0	133,100	14	15,682	0	1,700	2000
198,541	0	132,261	375	16,581	0	2,421	2001
24,947	0	160,674	0	9,873	0	2,223	2002
22,650	0	162,471	0	5,656	0	2,478	2003
Marine Fisheries							
Adjacent Waters Fisheries							
Middle Otter Trawls			Off-Shore Trawl				
West Southern Danish Seine	West Southern Pair Seine	Sub-Total	Off-Shore Trawl	Eastern Sea Trawl			
21,949	1,030	108,563	98,964	9,599		1998	
15,298	1,138	140,844	134,064	6,780		1999	
14,150	1,029	132,210	127,113	5,097		2000	
9,442	1,099	159,849	134,971	24,878		2001	
9,362	1,132	141,965	123,412	18,553		2002	
14,797	869	143,761	116,559	27,202		2003	
Marine Fisheries							
Adjacent Waters Fisheries							
Anchovy Drag Nets	Gill Nets			Stow Nets			
	Sub-Total	Off-Shore drift Gill Nets	Coastal drift Gill Nets	Sub-Total	Off-Shore Stow Nets	Coastal Stow Nets	
118,960	135,718	43,528	92,190	158,502	118,960	39,542	1998
94,173	155,528	47,856	107,672	130,190	94,146	36,044	1999
75,198	142,203	51,647	90,556	101,944	65,128	36,816	2000
96,951	140,310	50,809	89,501	94,593	66,951	27,642	2001
90,492	136,132	53,368	82,764	84,549	59,144	25,405	2002
133,954	92,052	29,690	62,362	69,858	40,887	28,971	2003

4.

Production by

:M/T

	Off-shore Stick-Held dip Nets	Diving	Sub-Total	Traps			Coastal Traps	Sub-Total	
				Off-Shore Traps					
		Eel Traps	Other Traps						
1998	5,280	17,091	60,980	3,253	37,967	19,760	9,643		
1999	601	18,065	50,882	2,858	25,465	22,559	3,415		
2000	0	13,528	43,792	1,876	19,165	22,751	4,995		
2001	0	12,004	40,124	1,727	16,683	21,714	2,805		
2002	0	11,446	50,906	11,056	12,727	27,123	1,674		
2003	10	11,400	53,899	12,617	22,797	18,485	2,224		

	Shrimp Bottom Trawl	Coastal Composite fishery	Set Nets Fisheries	() Cooperative		Sub-Total	Stow Nets On Anchors	Stationary Nets of Rectangular shape	Gape Nets with wings
				Shell Fishes, Sea-Weeds Rake	Fishes Catch				
1998	40	0	56,188	47,467	0	13,523	1,806	83	3,348
1999	738	0	68,798	52,399	0	17,417	531	357	4,230
2000	254	11	68,860	58,442	0	13,987	603	1,091	7,931
2001	504	0	71,302	49,470	0	18,824	678	1,571	7,233
2002	84	0	38,773	38,922	0	14,824	1,129	771	7,137
2003	3,810	45,404	48,997	47,793	0	25,760	1,087	2,751	6,451

) 1998
) () 1998

5.

Production by

	Total	Total	Sub-Total	가 Skates	가 Flounders	Hair Tail	Mackerels	Saury	Bastard	Sea Bass	가 Skip Jack Tuna
1998	2,835,015	722,597	606,235	3,814	97	9,585	5	13,922	38	476	143,390
1999	2,910,569	791,409	476,441	10,030	412	12,866	69	18,159	31	1,467	109,780
2000	2,514,225	651,267	465,200	10,946	218	12,135	37	25,029	40	889	137,015
2001	2,665,124	739,057	568,795	8,903	3	3,503	26	20,869	30	610	137,569
2002	2,476,188	580,346	423,696	7,192	12	3,857	317	20,088	20	411	173,693
2003	2,487,042	544,591	397,196	7,441	234	3,264	22	31,219	24	744	153,328

() Fisheries Type (Cont'd)

In metric ton

Marine Fisheries								
Adjacent Waters Fisheries								
Dredged Nets		Small Trawl Nets	Long Line					
Shell Fish Dredged Nets	Coastal Dredged Nets		Sub-Total	Off-Shore Long Line	Coastal Long Line	Coastal Lift Nets		
5,325	4,318	0	34,322	12,464	21,858	17,459	1998	
2,750	665	0	33,061	11,806	21,255	7,757	1999	
4,307	688	0	37,576	12,202	25,374	6,287	2000	
878	1,927	0	32,143	15,180	16,963	5,554	2001	
494	1,180	0	30,415	16,142	14,273	6,044	2002	
2,224	0	0	14,755	14,755	0	11,672	2003	
Marine Fisheries								
Adjacent Waters Fisheries				Shallow-sea Cultures	Inland Waters Fisheries			
Cooperative Fisheries			Others		Total	Fishing	Cultures	
Dredged Nets	Small Shrimp Beam Trawl	Others						
879	1,066	6,341	48,860	777,230	26,852	6,850	20,002	1998
101	2,478	9,720	56,316	765,252	17,846	6,317	11,529	1999
136	1,232	2,994	56,197	653,373	20,585	7,142	13,443	2000
223	2,948	6,171	69,580	655,827	18,141	5,971	12,170	2001
105	1,486	4,196	54,353	781,519	18,511	5,690	12,821	2002
9,267	1,198	5,006	57,231	826,245	19,680	6,080	13,600	2003

Species

In metric ton

Marine Fisheries										
Distant Waters Fisheries										
Fishes										
Alacore Tuna	South Blue fin Tuna	Bigeye Tuna	Blue fin Tuna	Yellow fin Tuna	Other Tuna	John Dory	Cod	English Cod	Red Cod	
3,998	1,562	33,042	0	73,354	5,102	36	5,713	1,976	460	1998
1,179	1,271	26,558	0	43,255	3,581	540	5,640	2,512	1,166	1999
684	987	30,079	0	49,461	3,678	636	8,332	2,150	480	2000
1,920	735	31,335	0	58,957	4,212	225	10,652	2,224	251	2001
2,488	649	31,962	0	48,778	5,027	0	7,272	1,645	266	2002
1,895	221	21,839	0	52,192	4,790	4	2,595	3,035	253	2003

5. Production by

:M/T

	Sea-Breams										
	Other Cods	Nebulosus	Orange Roughy	Lcticus Pellucidus	Butter Fish	Snappers	Silver Grunter	Other sea -Breams	Alaska Pollack	Croakers	Hoki Whiptail
	1998	0	93	77	0	39	569	130	3,273	230,143	20,803	5,191
1999	17	165	232	0	493	474	20	5,978	145,720	24,444	6,205
2000	710	98	4	0	317	524	25	6,449	86,066	23,169	9,910
2001	604	459	47	0	209	601	2	4,834	199,123	22,033	11,037
2002	146	409	0	0	636	369	0	8,253	24,825	24,295	10,943
2003	80	0	56	0	787	265	7	6,604	21,890	23,401	11,118

	Fishes											
	White Marlin	Blue Marlin	Sword Fish	Black Marlin	Other Marlin	Tongue Fishes	Gurnards	Atka Fish	Pacific Ocean Perch	Jack Mackerels	Croakers	Herring
	1998	43	795	573	427	3,806	1,986	0	252	110	1,995	1,241	0
1999	13	589	474	813	1,400	2,789	3	0	218	2,182	8,075	1,437
2000	7	637	665	776	1,320	2,941	0	0	219	259	4,160	1,730
2001	44	349	1,031	1,291	1,617	2,706	0	0	202	313	1,630	0
2002	2	275	1,151	1,150	1,819	1,842	0	0	430	1,192	2,054	20
2003	41	233	880	1,625	1,593	1,594	0	0	611	2,525	3,703	0

	Total										
		Sub-Total	가 Skates	가 Flounders	Hair Tail	Sea Bass	Mackerels	Saury	Half Beak	Bastard	Common Sea Bass
1998	1,308,336	909,087	2,600	20,135	74,851	53,998	172,925	4,609	1,160	2,002	2,957
1999	1,336,062	876,171	3,948	19,569	64,434	50,494	177,540	11,400	913	1,679	2,933
2000	1,189,000	769,628	2,309	15,423	81,050	31,345	145,908	19,883	956	1,607	1,201
2001	1,252,099	851,728	2,880	14,503	79,898	24,502	203,717	5,336	613	1,707	1,566
2002	1,095,812	714,058	2,356	13,816	60,172	19,793	141,751	7,099	670	1,822	1,479
2003	1,096,526	656,528	2,566	13,107	62,861	18,880	122,044	1,424	411	1,801	1,564

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Species (Cont'd)

In metric ton

Marine Fisheries													
Distant Waters Fisheries													
Fishes													
Mud Fish	Yellow Tails	Rock Fish	Sea Eel	Spanish Mackerels	() Southern King Fish	Sharks	Blue Marlin	Saifish					
1,242	5	0	87	2,935	1	1,624	805	389			1998		
1,894	1	153	159	1,242	349	1,970	300	496			1999		
1,758	0	0	122	1,609	432	2,099	301	185			2000		
1,604	0	0	78	2,097	512	1,621	350	33			2001		
1,864	2	0	6	1,338	585	1,943	396	128			2002		
1,630	34	0	15	771	145	1,005	330	131			2003		
Marine Fisheries													
Distant Waters Fisheries													
Crustacea						Mollusca							
Others	Sub-Total	Crabs	Krill	Other Shrimps	Others	Sub-Total	Cuttle Fishes	Octopus	Squid	Other Mollusca			
31,031	2,252	120	1,916	216	0	114,110	1,384	336	112,291	99	1998		
29,620	1,898	64	52	1,769	13	313,070	1,445	2,311	309,195	119	1999		
35,912	6,534	192	4,499	1,835	8	179,533	824	457	177,843	409	2000		
32,344	5,233	30	1,650	1,852	1,701	165,029	1,076	92	163,092	769	2001		
33,946	13,663	5	12,965	275	418	142,987	1,100	87	141,352	448	2002		
33,022	20,927	101	20,411	168	247	126,468	3,633	217	121,945	673	2003		
Marine Fisheries													
Adjacent Waters Fisheries													
Fishes													
Red Fish	Sea Bass	Tunas	Sand Fish	Cods	Black Sea Bream	Red Horsehead	Caral Fish	Common Sea Bream	Other Sea Bream	Gobies		Lizard Fishes	Anchovies
688	77	3,371	1,490	476	534	1,810	80	1,657	1,840	1,299	215	249,519	1998
531	20	2,861	2,449	894	619	1,651	12	924	1,117	897	35	238,934	1999
918	29	3,245	1,571	1,766	658	1,664	59	986	1,339	788	795	201,192	2000
612	28	3,295	1,286	2,458	512	1,049	5	913	1,419	703	758	273,927	2001
558	9	2,344	3,381	1,968	764	1,341	6	1,084	1,466	388	33	236,315	2002
1,525	26	3,739	1,928	1,826	866	1,303	5	756	1,322	789	644	250,106	2003

5. Production by

:M/T

	Alaska Pollacks	Brown Croaker	Yellow Tail	Round Herring	Whatings	Pomfret	White Croaker	Sillaginoid	Puffers	Black Rockfish	Other Rockfish	Yellow Croaker
1998	6,232	1,285	9,620	1,974	1,029	13,210	1,777	48	3,897	2,092	2,510	294
1999	1,392	1,566	8,627	6,674	3,374	15,235	2,196	107	4,787	1,813	2,760	270
2000	766	1,999	4,814	4,603	9,693	7,838	1,864	100	2,978	2,682	2,105	354
2001	207	2,156	6,475	766	3,831	6,819	998	10	3,735	2,765	2,238	426
2002	215	1,148	5,374	788	2,247	6,191	734	15	3,110	3,227	1,669	325
2003	242	1,299	3,671	885	3,718	7,496	460	14	2,486	3,811	2,222	220
	Fishes											
	Sharp Toothed Eel	Borer	See Eel	Jack Mackerels	Hickory Shad	Sardine	edlip Croaker	Other Croakers	Bigeyed Herring	File Fish	Herring	Skate Ray
1998	1,506	12	11,913	22,132	11,349	7,595	15,011	12,443	381	9,364	13,340	1,764
1999	1,900	0	10,160	13,552	9,511	17,142	13,490	14,500	265	2,999	20,010	662
2000	1,862	1	8,303	19,510	6,366	2,207	19,630	7,105	134	2,891	13,473	256
2001	1,080	3	7,676	17,537	9,120	129	7,938	2,986	40	1,578	8,491	211
2002	883	0	17,210	26,037	4,717	8	10,941	3,240	19	933	1,941	227
2003	800	63	17,451	20,454	6,518	18	7,098	2,354	11	1,429	3,571	222
	Crustacea											
	Other Shrimps	Others	Sub-Total	Bai-top Shell	Oysters	Trumpet-Shell	Abalone (Earshell)	Abalones	가 Scallop	가 (Venus Clam)	() (Hen clam)	
1998	19,365	1,431	79,562	1,325	9,905	9,192	87	71	42	580	2,877	
1999	11,778	1,645	74,302	1,672	11,690	7,283	43	79	6	1,331	7,620	
2000	10,488	1,136	77,103	818	15,939	7,281	37	76	0	2,273	4,149	
2001	8,077	4,257	65,328	730	10,056	6,274	38	66	11	1,964	3,409	
2002	7,206	936	57,336	1,555	7,950	7,193	26	49	0	2,162	3,464	
2003	7,875	2,721	109,878	2,600	20,201	14,065	21	73	32	1,023	5,694	

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Species (Cont'd)

In metric ton

Marine Fisheries													
Adjacent Waters Fisheries													
Fishes													
Spanish Mackerels	Sharks	Tongue fishes	Gumards	Trouts	Marbled Rockfish	Mulletts	Monk Fish	Sand Lance	Sand Lance	Bartail flathead	Salmon	Arabesque greenling	
22,809	503	654	146	964	186	4,962	3,970	4,801	0	2,857	56	7,911	1998
19,502	449	836	43	421	92	9,678	3,406	4,806	0	2,248	57	1,005	1999
25,641	262	1,148	79	0	92	8,730	4,930	16,293	0	2,310	28	2,554	2000
25,513	389	1,013	140	0	149	9,784	5,813	4,803	462	1,699	19	1,261	2001
25,956	243	585	260	0	111	8,887	9,500	5,145	7	1,199	33	627	2002
22,608	213	730	225	0	123	7,877	10,486	2,419	1,047	1,495	42	3,083	2003
Marine Fisheries													
Adjacent Waters Fisheries													
Crustacea													
Others	Sub-Total	Blue Crab	Snow Crab	Red tanner Crab	Others Crabs	Blue Shrimps	Lobster	Large Shrimp	Banded Shrimp	Shrimp Small	Shrimp Medium		
110,197	104,222	13,813	459	33,146	10,274	3,249	458	1,245	1,138	15,993	3,651	1998	
96,782	90,038	11,819	1,134	22,366	11,875	4,620	485	814	480	19,389	3,633	1999	
71,335	74,994	12,842	756	16,281	9,372	5,263	461	1,211	578	13,985	2,621	2000	
91,781	67,070	13,016	1,001	12,973	9,001	3,145	415	582	513	11,705	2,385	2001	
71,691	57,327	18,659	896	9,166	6,753	4,132	391	222	217	7,013	1,736	2002	
30,174	66,002	9,478	1,889	19,262	6,798	3,988	393	148	240	12,885	325	2003	
Marine Fisheries													
Adjacent Waters Fisheries													
Shell Fishes													
Cockles	Surf Clam	Jack Knife Clams	Short Neck Clam	Hard Clams	Rock Shell	Japanese Geoduck	Pen Shell	Ark Shell	Sea Mussel	Others			
12,114	2,411	2,862	14,585	3,472	1,078	73	6,456	1,311	1,469	9,652	1998		
6,503	4,325	1,751	13,963	1,799	112	73	6,771	534	1,414	7,333	1999		
4,184	2,468	1,572	20,982	1,430	411	103	5,795	318	1,133	8,134	2000		
923	5,774	1,452	20,004	1,044	2,002	43	3,828	153	1,085	6,472	2001		
790	6,730	702	14,758	1,704	810	46	3,500	228	946	4,723	2002		
5,267	21,240	6,311	13,148	6,918	1,288	15	2,443	509	817	8,213	2003		

5. Production by

:M/T

	Mollusca										
	Sub-Total	Cuttle Fishes	Squid	Rouple Squid	Octopus	Other Octopus	Squids	Others	Sub-Total	Stalked Sea Squirts	Sea Urchin
	1998	198,089	2,563	4,119	6,395	12,038	7,999	163,016	1,959	4,782	56	1,410
1999	278,098	6,652	1,629	5,966	8,179	5,117	249,991	564	4,558	29	1,182
2000	248,047	1,267	885	5,861	8,718	4,569	226,309	438	6,205	3	1,461
2001	248,331	1,443	898	5,911	9,668	4,294	225,616	501	4,709	49	1,454
2002	251,411	1,920	836	5,297	12,408	3,911	226,656	383	5,253	59	1,459
2003	252,624	872	758	7,248	5,121	5,200	233,254	171	6,340	994	1,607

	Adjacent Waters Fisheries									
	Seaweeds					Total	Other			
	Sea Staghorn	Fusiforme	Sea Lettuce	Other Seaweeds	Sub-Total		Flounders	Bastard	Common Sea Bass	
1998	280	3,856	61	3,191	777,230	37,323	0	22,277	940	
1999	391	7,423	183	793	765,252	33,453	0	21,368	797	
2000	220	6,062	64	1,627	653,373	25,986	0	14,127	605	
2001	404	7,024	40	594	655,827	29,297	0	16,426	873	
2002	558	5,081	412	901	781,519	48,073	0	23,348	2,006	
2003	27	2,744	182	564	826,245	72,393	0	34,533	2,778	

	Shrimp					Other					
	Sub-Total	Large Shrimp	Banded Shrimp	Shirimp Medium	Other Shirimp	Sub-Total	Oysters	Trumpet-shell	Abalone (Ear shell)	Abalones	가 Scallop
1998	846	846	0	0	0	239,754	175,926	1	88	3	360
1999	1,180	1,142	0	0	38	221,031	177,259	1	0	0	377
2000	1,158	1,158	0	0	0	222,608	177,079	9	1	20	2,371
2001	2,081	2,081	0	0	0	217,078	174,117	3	0	29	66
2002	1,403	1,403	0	0	0	212,433	182,229	0	0	85	5
2003	2,324	2,324	0	0	0	291,063	238,326	0	0	1,065	23

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Species (Cont'd)

In metric ton

Marine Fisheries														
Adjacent Waters Fisheries														
Other Fishies			Seaweeds											
Sea Squirts	Sea Cucumber	Others	Sub-Total	Laver	Sea String	Tangle	Typicus & Lrish Moss	Sea Duck Weed	Sea Mustard	가 Agar-Agar	가 Other Agar-Agar			
891	1,439	986	12,594	635	1	500	15	19	784	3,136	116	1998		
1,142	1,204	1,001	12,895	418	13	577	24	24	600	2,307	142	1999		
1,440	1,419	1,882	13,023	1	0	350	15	29	1,717	2,872	66	2000		
1,004	900	1,302	14,933	11	1	357	13	22	2,664	3,768	35	2001		
966	833	1,936	10,427	29	0	88	2	0	1,089	2,150	117	2002		
836	1,281	1,622	5,154	122	0	37	7	0	942	467	62	2003		
Marine Fisheries														
Shallow-sea Cultures														
Fishes														
Sea Bass	Black Sea Bream	Common Sea Bream	Other Sea Breams	Brown Croaker	Yellow Tail	Puffers	Black Rockfish	Other Rockfish	Mulletts	Atka Fish	File Fish	Others		White Cracker
1	51	146	134	0	266	0	12,544	231	106	0	619	8	0	1998
5	92	176	186	16	236	15	9,459	721	347	0	35	0	0	1999
6	221	412	386	51	494	2	8,473	225	968	0	9	7	0	2000
20	275	641	94	45	95	63	9,254	76	1,415	3	3	9	5	2001
39	685	960	234	19	186	29	16,550	86	3,898	0	0	33	0	2002
101	1,084	4,417	1,287	7	114	14	23,771	167	4,093	0	3	24	0	2003
Marine Fisheries														
Shallow-sea Cultures														
가 () Venus Clam	Hen Clam	Cockles	Surf Clam	Jack knife Clams	Short neck	Hard Clams	Rock Shell	Pen shell	Ark Shell	Sea Mussel	Others			
33	0	5,041	0	68	17,178	0	52	190	23,029	17,785	0	1998		
3	2	2,511	0	0	16,135	17	19	1,104	8,550	15,042	11	1999		
46	1	820	0	0	17,927	0	0	1,998	10,618	11,713	5	2000		
25	6	3,842	0	0	16,433	26	0	1,240	7,359	13,653	279	2001		
219	0	413	0	0	10,652	5	0	577	4,745	13,201	302	2002		
189	0	2,440	0	2	27,494	167	73	783	4,696	15,785	20	2003		

5. Production by

:M/T

	Other Fishies											
			Sub-Total	Stalked Sea Squirts	Sea Squirts	Sea Cucumber	Others					
1998	0	29,538	5,650	8,177	0	15,711						
1999	0	35,916	11,292	11,845	0	12,779						
2000	0	29,165	13,889	2,336	0	12,940						
2001	0	33,833	15,084	4,603	0	14,146						
2002	0	22,053	5,266	9,613	0	7,174						
2003	0	8,411	2,047	3,116	0	3,248						
	Total		Fishing									
			Total	Sub-Total	Common Sea Bass	Tilapia	Korean Bullhead	Trout	Mullet	가	Mud Fish	
1998	26,852	6,850	20,002	19,872	0	796	0	3,994	42	520	2,158	
1999	17,846	6,317	11,529	11,358	0	628	42	3,109	22	317	1,996	
2000	20,585	7,142	13,443	13,212	20	787	50	2,808	25	216	2,745	
2001	18,141	5,971	12,170	11,678	10	609	47	2,834	38	333	2,567	
2002	18,511	5,690	12,821	11,287	1	756	48	2,860	28	291	2,368	
2003	19,680	6,080	13,600	12,895	3	717	27	3,521	7	314	1,609	
	Fishes									Crabs		
	Salmon	Sweet Fish	Pancy Carp	Common Carp	Israel Carp	Pale Chub	Sea Shiner	Others	Sub-Total	Crabs	Shrimps	Others
1998	0	428	68	1,762	6,576	0	5	128	10	9	1	0
1999	0	208	25	716	1,265	1	1	200	25	12	9	4
2000	0	122	287	713	1,838	0	3	34	21	15	6	0
2001	1	65	49	372	1,212	0	5	15	30	21	9	0
2002	0	63	39	283	962	0	0	37	16	16	0	0
2003	0	69	38	190	920	0	10	21	16	14	2	0

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Species (Cont'd)

In metric ton

Marine Fisheries											
Adjacent Waters Fisheries											
Algae											
Sub-Total	Laver	Tangle	Sea Mustard	가 Agar-Agar	가 Other Agar-Agar	Sea Staghorn	Fusiforme	Sea lettuce	Other Sea Weeds		
469,769	191,578	7,931	239,742	0	0	0	24,993	5,298	227	1998	
473,672	205,706	25,447	213,706	16	2	43	22,679	5,873	200	1999	
374,456	130,488	14,160	212,429	0	0	164	11,654	5,288	273	2000	
373,538	167,909	17,506	175,490	0	0	7	6,865	5,760	1	2001	
497,557	209,995	24,873	242,135	4	0	72	11,016	9,291	171	2002	
452,054	193,553	25,259	198,172	0	0	53	33,661	1,355	1	2003	
Inland Waters Fisheries											
Culture											
Fishes											
Cannel Cat Fish	Loach	Eel	Blue Gill	Gold Fish	Crap	Pond Smelt	Salmon Trout				
354	430	2,213	0	238	145	0	15			1998	
43	432	2,037	0	85	196	4	31			1999	
0	644	2,725	0	33	134	0	28			2000	
0	642	2,644	0	35	169	0	31			2001	
5	398	2,968	0	26	107	0	47			2002	
0	968	4,312	0	44	103	1	21			2003	
Inland Waters Fisheries											
Culture											
Shell Fishes				Other Aquatic Animals				Algae			
Sub-Total	Cristaria Plicata	Fresh Water Snail	Martels	Others	Sub-Total	Mud Turtle	Others	Sub-Total	Water Shield		Others
63	5	25	33	0	57	57	0	0	0	0	1998
41	0	6	31	4	102	102	0	3	3	0	1999
30	0	30	0	0	173	168	5	7	3	4	2000
358	0	40	309	9	104	104	0	0	0	0	2001
1,413	0	77	1,336	0	105	105	0	0	0	0	2002
551	0	64	485	2	138	138	0	0	0	0	2003

6.
Production of Distant Water Fisheries by

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	Total							
		Subtotal	Tuna Longliner	Purse Seine	Squid Angling	Saury Lever Lift net	() North Pacific Ocean Trawl (Russia)	() North Pacific Ocean Trawl (Hokkaido)
1999	791,409	446,584	44,585	142,091	22,076	18,015	127,900	19,479
2000	651,267	413,665	51,178	170,025	17,585	24,231	87,830	0
2001	739,057	523,948	58,446	178,072	6,788	20,869	198,541	0
2002	580,346	400,977	60,372	206,150	22,746	20,088	24,947	0
2003	544,591	359,672	44,552	190,452	6,180	31,219	22,650	0
	Atlantic Ocean							
	Subtotal	Tuna Longliner	Squid Angling	Trawl	Shrimp Trawl	Bottom Longline		Distant Waters Stick-Held Dip Net
1999	319,899	269	240,606	75,651	19	1,590	1,453	21
2000	210,725	285	142,141	63,624	14	2,389	1,700	572
2001	199,889	47	120,623	75,566	24	1,825	1,804	0
2002	160,147	0	72,014	84,856	0	1,475	1,772	0
2003	146,717	402	74,691	67,759	0	1,765	2,026	0
	Indian Ocean							
	Subtotal	Tuna Longliner	Trawl	Shrimp Trawl	Bottom Longline	Squid Angling	Other Fisheries	Subtotal
1999	24,926	3,849	20,126	0	321	630	0	0
2000	26,877	6,924	19,266	0	687	0	0	0
2001	15,220	4,033	9,601	351	1,235	0	0	0
2002	18,268	1,259	15,628	0	1,381	0	0	954
2003	22,488	3,840	17,548	0	1,100	0	0	15,714

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Fisheries Type in Each Ocean

In metric ton

Pacific Ocean								
Trawl	Bottom Longline		Gill Net			Distant Waters Trap	Other Fisheries	
60,237	10,517	1,630	0	0	0	54	0	1999
50,210	12,606	0	0	0	0	0	0	2000
47,094	13,521	401	0	193	0	23	0	2001
59,329	6,924	421	0	0	0	0	0	2002
61,742	2,499	378	0	0	0	0	0	2003
						Distant Waters Trap	Other Fisheries	
0	290		0					1999
0	0		0					2000
0	0		0					2001
30	0		0					2002
74	0		0					2003
Antarctic Ocean								
Trawl	Bottom Longline							
0	0		0					1999
0	0		0					2000
0	0		0					2001
861	93		0					2002
15,422	292		0					2003

Status of Shallow-Sea Culture

1.

Status of Shallow-Sea Culture

: ha,

	1997		1998		1999	
	Number	Area	Number	Area	Number	Area
	8,047	109,154	8,232	112,897	8,243	112,587
	2,293	61,144	2,352	63,513	2,346	63,093
	1,462	47,668	1,356	47,272	1,313	46,860
	550	10,074	696	12,481	725	12,457
	81	1,029	90	1,217	97	1,292
	16	397	17	407	17	407
가	0	0	0	0	0	0
	165	1,832	173	1,988	173	1,921
	0	0	0	0	0	0
	19	144	20	148	21	156
	0	0	0	0	0	0
	4,620	43,213	4,725	44,511	4,767	44,684
	995	7,966	1,068	8,294	1,063	7,955
	953	8,789	961	8,882	887	8,226
	534	5,037	531	4,987	569	5,297
가	204	2,841	201	2,797	203	2,791
	95	940	104	1,010	104	1,026
	913	11,006	908	10,875	927	11,103
	16	235	16	234	7	91
	161	863	159	867	150	781
가	132	1,034	150	1,221	176	1,473
,	564	4,347	587	4,985	619	5,290
,	25	67	30	79	33	100
,	11	21	6	16	5	8
	0	0	4	264	4	264
	0	0	0	0	0	0
()	13	42	0	0	0	0
	4	25	0	0	20	279
	663	2,254	663	2,303	648	2,317
가	497	1,232	495	1,224	482	1,287
	166	1,022	168	1,079	166	1,030
	471	2,543	492	2,570	482	2,493
()	65	1,126	92	1,184	62	949
	388	1,335	384	1,310	385	1,315
	13	68	13	67	12	57
	3	9	3	9	5	17
	2	5	0	0	18	155

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Licenses Issued

Licenses by Species and Year

In ha, number

2000		2001		2002		2003		
Number	Area	Number	Area	Number	Area	Number	Area	
8,462	121,973	8,554	122,218	8,717	122,243	8,839	121,853	Total
2,331	71,543	2,259	70,201	2,238	69,209	2,209	68,062	Sea-Weeds
1,289	55,510	1,253	54,823	1,208	54,012	1,166	53,136	Laver
730	12,317	692	11,749	714	11,576	733	11,421	Sea Mustard
113	1,376	117	1,366	128	1,487	131	1,440	Kelp
16	401	17	421	18	411	16	393	Green Laver
0	0	0	0	0	0	0	0	Agar-Agar
167	1,836	158	1,697	146	1,570	140	1,523	Fusiforme
0	0	0	0	0	0	0	0	Seaweed Papulosa
16	103	22	145	24	153	23	149	Gulf weed or Sea lentil
0	0	0	0	0	0	0	0	Others
4,952	44,819	5,036	46,171	5,196	47,138	5,245	47,381	Shell Fishes
1,172	8,129	1,164	8,174	1,201	8,368	1,170	7,876	Oysters
895	8,322	902	8,448	856	8,020	851	8,004	Arkshell
580	5,433	585	5,566	601	5,845	640	6,328	Short Neck Clam
213	2,882	209	2,861	220	3,004	212	2,929	Cockles
104	1,066	108	1,103	113	1,134	105	1,036	Venus Clam
912	10,628	908	10,579	901	10,384	901	10,392	Egg Cockle
13	170	9	121	9	121	10	181	Hard Clams
138	781	140	800	138	773	134	716	Sea Mussel
197	1,638	186	1,611	178	1,735	161	1,562	Scallop
661	5,114	759	6,243	868	6,667	953	7,287	Abalones
35	100	36	127	40	126	39	116	Pearl Oyster
5	8	4	5	4	5	4	5	Abalone Shell
5	274	3	238	5	274	5	274	Pen Shell
15	214	16	234	16	234	18	248	Surf Clam
2	24	2	24	2	24	2	24	Hen Cockle
5	36	5	36	44	424	40	403	Others
653	2,216	662	2,256	653	2,302	612	2,136	Fishes
506	1,342	515	1,381	510	1,372	488	1,300	Cages
147	874	147	875	143	930	124	836	Barrage
526	3,395	597	3,590	630	3,594	773	4,274	Other Aquatic Animals
89	1,168	78	891	81	851	85	660	Shrimp
411	1,384	462	1,597	478	1,802	500	1,836	Sea Squirts
9	45	6	30	6	30	2	10	Lug Worm
4	13	9	31	9	31	6	23	Sea Cucumber
13	785	42	1,041	56	880	180	1,745	Others

Source : Fishery Resources Bureau

2.

Status of Shallow-Sea Culture

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	1997		1998		1999	
	Number	Area	Number	Area	Number	Area
	8,047	109,154	8,232	112,897	8,243	112,587
	133	2,234	136	2,250	109	1,929
	181	1,790	181	1,849	183	1,864
	63	441	67	491	70	509
	68	1,069	59	709	52	674
	93	818	98	950	99	1,116
	517	7,689	545	7,756	541	7,630
	531	6,389	531	6,462	516	6,307
	4,251	73,520	4,351	76,617	4,446	77,398
	438	3,010	469	3,229	457	3,058
	1,758	11,518	1,780	11,893	1,752	11,399
	14	676	15	691	18	703

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Licenses by Species and Year

In ha, number

2000		2001		2002		2003		
Number	Area	Number	Area	Number	Area	Number	Area	
8,462	121,973	8,554	122,218	8,717	122,243	8,839	121,853	Total
118	1,760	118	1,761	117	1,760	114	1,730	Busan
212	2,054	237	2,415	258	2,474	235	2,346	Incheon
69	504	68	501	67	498	67	495	Ulsan
71	837	57	664	87	1,484	87	1,483	Gyeonggi
101	1,159	105	1,230	106	1,288	107	1,266	Gangwon
539	7,707	539	7,456	550	7,404	542	7,178	Chungnam
515	6,294	512	6,368	508	6,206	508	6,198	Jeonbuk
4,491	86,418	4,466	86,261	4,562	86,038	4,566	85,136	Jeonnam
466	3,087	507	3,206	514	3,228	517	3,371	Gyeongbuk
1,860	11,450	1,925	11,652	1,923	11,160	2,068	11,940	Gyeongnam
20	703	20	704	25	703	28	710	Jeju

Source : Fishery Resources Bureau

Fishery

1. Production of Fishery

: M/T

	Total	Dried	Salted & Dried	Cooked	Salted & Preserved	Pickled	Canned
1990	1,754,887	13,413	580	17,909	1,191	19,511	58,026
1991	1,620,766	10,647	906	23,663	595	20,854	61,445
1992	1,771,287	10,078	650	22,989	295	16,403	55,533
1993	1,486,181	20,144	928	29,904	164	12,404	48,561
1994	1,714,511	14,694	1,191	24,473	95	10,594	63,899
1995	1,691,810	34,686	2,067	12,695	214	16,613	63,117
1996	1,727,497	42,426	2,742	40,008	775	20,349	61,902
1997	1,653,342	29,439	494	41,438	290	24,044	63,816
1998	1,541,249	17,702	700	39,653	520	42,834	48,140
1999	1,594,025	14,007	533	21,809	2,728	60,670	42,796
2000	1,465,092	17,078	416	16,300	157	56,974	50,404
2001	1,546,839	24,126	579	20,659	472	47,604	80,569
2002	1,438,677	18,402	332	23,280	3,665	38,933	83,040
2003	1,357,717	9,280	237	17,207	1,388	35,993	80,608
	838,981	9,280	237	17,207	1,388	35,993	80,608
	2,477	0	0	0	0	417	0
	298,970	52	106	305	1,097	2,246	16
	8,955	0	0	9	0	0	0
	10,766	0	0	0	0	1,152	0
	3,702	0	0	0	0	0	0
	1,658	0	0	0	0	0	0
	8,914	12	0	31	0	839	0
	99,843	632	0	746	0	12,471	0
	42,541	6,977	0	0	0	2,620	0
	4,350	33	0	0	0	0	0
	24,734	633	0	196	291	6,775	0
	6,366	129	0	112	0	2,178	0
	49,715	9	0	6,815	0	2,086	4,553
	107,793	649	0	0	0	1,400	670
	153,959	154	0	8,993	0	967	75,369
	14,238	0	131	0	0	2,842	0
	518,736	0	0	0	0	0	0

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가 Products

가 Production by Commodity Groups

In metric ton

Frozen	Dried Seaweed	Agar-Agar	Ground Fish Meat	가 Flavour Seasoned	Fish Meal & Oil	Fish Skin	Others	
1,320,277	88,437	628	96,833	30,935	94,854	0	12,293	1990
1,199,159	106,557	681	106,236	18,222	64,633	0	7,168	1991
1,350,793	134,887	468	93,378	13,459	64,252	0	8,102	1992
1,096,912	108,701	272	99,090	10,275	51,568	0	7,258	1993
1,301,482	117,376	393	108,717	12,278	47,729	0	11,590	1994
1,275,864	94,435	403	107,677	14,161	59,318	0	10,560	1995
1,265,190	88,657	563	115,808	12,265	50,716	0	26,096	1996
1,238,135	47,233	358	135,294	6,953	42,556	0	23,292	1997
1,110,160	92,375	639	121,480	6,466	50,700	0	9,880	1998
1,179,024	100,936	365	108,443	8,072	45,361	0	9,281	1999
1,042,648	47,662	961	166,682	14,532	37,732	0	13,546	2000
1,128,026	79,732	361	94,079	17,250	36,013	6	17,363	2001
996,482	82,946	397	87,015	19,343	19,843	141	64,855	2002
1,030,184	28,511	347	91,121	21,501	13,924	427	26,989	2003
511,448	28,511	347	91,121	21,501	13,924	427	26,989	Coastal
598	145	0	1,182	0	0	0	135	Seoul
244,381	1,112	0	26,070	2,619	0	427	20,539	Busan
8,085	0	0	861	0	0	0	0	Daegu
7,422	109	0	0	0	982	0	1,101	Incheon
0	0	0	3,702	0	0	0	0	Gwangju
1,483	0	0	0	175	0	0	0	Daejeon
7,103	905	0	24	0	0	0	0	Ulsan
49,180	758	22	33,199	2,806	0	0	29	Gyeonggi
11,671	100	0	491	8,690	11,467	0	525	Gangwon
0	0	0	0	3,916	0	0	401	Chungbuk
9,936	1,036	9	5,765	93	0	0	0	Chungnam
2,882	1,065	0	0	0	0	0	0	Jeonbuk
13,607	22,422	78	0	145	0	0	0	Jeonnam
97,326	0	0	4,293	2,485	0	0	970	Gyeongbuk
47,421	117	238	15,534	572	1,475	0	3,119	Gyeongnam
10,353	742	0	0	0	0	0	170	Jeju
518,736	0	0	0	0	0	0	0	Distant Water

Source : Fisheries Policy Bureau

가

Month and Commodity Groups in 2003

In Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
81,375	93,604	114,283	99,539	142,730	120,726	119,862	Total
48,332	58,297	67,142	56,798	106,969	90,706	86,575	Coastal and Off-Shore Waters
25,587	25,008	38,764	27,250	75,543	63,797	60,263	Frozen
20,953	22,161	36,278	24,852	72,116	60,002	56,528	Prototype Frozen
2,984	2,144	9,880	2,733	37,864	12,826	20,067	Squid
594	1,867	1,541	2,539	1,445	2,685	2,154	Alaska Pollack
186	576	182	179	181	127	120	Flounder
1,582	2,480	8,300	5,242	9,255	25,198	14,853	Mackerel
91	39	447	162	638	840	648	Cod
265	366	357	405	345	408	456	Corvenia
557	645	872	881	1,496	903	202	Saury
1,058	1,507	1,287	869	1,279	1,569	2,124	Hair Tail
487	306	313	507	690	854	1,168	Jack Mackerels
858	425	198	267	169	170	145	Shrimp
169	208	157	207	218	596	941	Spanish Mackerels
879	1,311	1,181	978	1,066	750	1,169	Sardine
81	61	105	60	130	178	107	Pomfret
44	74	63	68	63	64	68	Puffers
4	2	3	2	3	3	4	Yellow Croaker
103	67	27	51	41	114	114	Rouple Squid
289	217	263	169	611	370	298	Blue Shrimps
10,722	9,866	11,102	9,533	16,622	12,347	11,890	Others
4,634	2,847	2,486	2,398	3,427	3,795	3,735	Processed Frozen
156	82	69	80	65	72	73	Squid
19	16	17	54	23	19	17	Shrimp
30	105	111	137	160	185	175	Common Conger
98	121	175	78	294	101	87	Alaska Pollack
337	344	329	281	501	479	483	Fish-Paste
1	100	62	81	21	21	23	Cockle
53	157	146	172	187	457	473	Oyster
2	38	22	36	10	25	21	Baby Neck Clam
56	5	8	6	51	34	46	Sea Mussel
3,882	1,879	1,547	1,473	2,115	2,402	2,337	Others
3,705	9,566	6,824	8,965	7,533	5,809	5,992	Canned
78	63	143	280	39	203	102	Saury
0	10	31	27	287	96	52	Sardine
0	0	0	0	200	313	334	Mackerel
0	2,455	0	183	0	0	0	Oyster
388	255	294	263	288	283	305	Bai top shell
0	0	0	54	0	0	0	Sea Mussel
0	0	0	0	0	0	0	Baby Neck Clam
3,239	6,510	5,845	7,708	6,064	4,328	4,707	Tuna
0	273	511	450	655	586	492	Others
7,253	6,999	7,416	7,043	7,948	6,493	7,116	Ground Fish Meat
2,809	2,583	3,025	2,869	3,125	2,267	2,454	Fish Cake
1,440	1,374	1,236	1,266	1,367	1,192	1,258	Imitation Crab meat
1,706	1,966	1,927	1,932	2,278	1,968	2,283	Sausage
731	628	720	544	761	708	767	Fried fish Cake
55	227	227	185	54	49	54	Boiled fish Cake
512	221	281	247	363	309	300	Others

Source : Fisheries Policy Bureau

2. 2003 가
Production of Fishery Products by

: M/T

	Total	1	2	3	4	5
		Jan.	Feb.	Mar.	Apr.	May
	9,280	750	734	723	774	793
	2,907	147	32	32	43	32
	4,731	445	476	457	592	500
	658	1	1	5	6	137
	566	70	89	174	100	78
()	0	0	0	0	0	0
	418	87	136	55	33	46
	237	16	16	46	27	30
	42	0	0	0	0	14
	195	16	16	46	27	16
	17,207	1,962	1,561	2,268	469	394
	82	34	17	0	30	1
	16,237	1,803	1,429	2,097	307	265
	244	26	25	36	41	24
	644	99	90	135	91	104
	28,511	723	646	702	670	836
	11,133	488	480	481	181	26
	4,193	66	64	66	360	475
	672	10	7	74	52	4
	4,945	12	15	11	14	165
가	5,270	21	4	20	7	30
	67	0	0	0	0	1
	593	0	0	0	0	0
	1,638	126	76	50	56	135
	347	28	18	26	25	25
가	86	0	0	0	0	0
	239	22	15	22	21	20
	22	6	3	4	4	5
가	21,501	2,105	1,965	2,252	2,236	2,061
	5,680	376	396	446	577	460
	10,455	1,189	988	1,126	1,096	1,056
	790	64	45	46	51	50
	238	18	5	3	7	18
	4,338	458	531	631	505	477
	13,924	580	991	1,498	1,790	1,233
	391	23	21	17	8	8
	1,811	79	70	48	24	13
	11,722	478	900	1,433	1,758	1,212
	1,388	113	101	114	145	129
	964	81	56	68	82	62
	0	0	0	0	0	0
	424	32	45	46	63	67
	35,993	1,240	2,638	1,754	2,637	3,907
	6,628	26	1,380	140	103	840
	3,239	80	81	119	123	135

가 ()
Month and Commodity Groups in 2003 (Cont'd)

In Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1,018	367	617	419	1,183	853	1,049	Dried
25	38	353	79	913	561	652	Squid
518	304	243	321	243	272	360	Alaska Pollack
410	20	15	13	20	13	17	Shrimp
55	0	0	0	0	0	0	Grouneles
0	0	0	0	0	0	0	Octopus
10	5	6	6	7	7	20	Others
12	16	16	13	24	12	9	Salted & Dried
0	0	0	0	16	7	5	Corvenia
12	16	16	13	8	5	4	Others
517	1,155	2,101	1,570	1,583	1,808	1,819	Cooked
0	0	0	0	0	0	0	Oyster
405	1,134	2,091	1,555	1,568	1,790	1,793	Anchovy
32	15	6	12	8	5	14	Shrimp
80	6	4	3	7	13	12	Others
529	8,212	3,837	5,044	2,800	2,197	2,315	Sea Weeds
13	1,385	1,783	1,585	1,781	1,459	1,471	Laver
24	1,187	402	397	386	379	387	Dried Sea Mustards
5	55	134	65	153	65	48	Salted Sea Mustards
70	2,679	135	1,614	93	60	77	Kelp
169	2,504	1,065	1,072	108	99	171	PFusiforme
0	66	0	0	0	0	0	Temax Tenella and furcuta
0	164	143	143	143	0	0	Seaweed Meal
248	172	175	168	136	135	161	Others
19	33	29	40	57	24	23	Agar-agar
0	11	7	25	36	4	3	Agar-Agar Strips
19	22	22	15	21	20	20	Agar-Aga powder
0	0	0	0	0	0	0	Others
2,792	1,303	1,215	1,259	1,497	1,462	1,354	Flavour Seasoned
1,470	358	406	247	273	373	298	Laver
969	677	583	626	859	632	654	Squid
47	88	87	86	73	70	83	File Fish
8	17	23	27	17	45	50	Alaska Pollack
298	163	116	273	275	342	269	Others
845	887	990	851	1,689	1,120	1,450	Fish Meal & Oil
10	28	54	23	69	64	66	Squid Oil
11	306	253	225	329	243	210	Others Fish Oil
824	553	683	603	1,291	813	1,174	Fish Meal
181	132	61	130	93	97	92	Salted & Preserved
107	125	53	127	66	66	71	Mackerel
0	0	0	0	0	0	0	Herring
74	7	8	3	27	31	21	Others
3,454	2,540	3,281	2,294	4,568	4,562	3,118	Pickled
679	154	446	232	698	899	1,031	Anchovy
108	240	373	254	664	566	496	Shrimp

2. 2003 가
Production of Fishery Products by

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
	1,542	162	119	144	134	118
	529	34	32	33	52	45
()	349	44	38	22	11	7
	59	6	3	4	5	17
	3,093	333	227	272	263	228
	1,133	148	99	128	119	99
	272	10	7	6	39	24
	19,149	397	652	886	1,788	2,394
	427	20	20	20	20	2
가	26,989	2,622	1,954	2,460	2,348	2,642
	518,736	52,168	45,950	71,116	54,038	38,164
	518,736	52,168	45,950	71,116	54,038	38,164
	518,736	52,168	45,950	71,116	54,038	38,164
	21,453	7	1,799	503	0	242
	219,970	27,273	22,540	22,865	25,795	19,052
	119,506	17,095	13,971	42,130	18,012	7,681
	157,807	7,793	7,640	5,618	10,231	11,189
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0

3. 2003 .
Value of Fishery Commodities by Production

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	Total	Dried	Salted & Dried	Cooked	Salted & Preserved	Pickled	Canned
	2,173,284	76,507	2,845	82,100	5,445	151,899	121,275
	7,010	0	0	0	0	3,889	0
	728,268	332	720	5,204	3,447	32,071	46
	13,168	0	0	20	0	0	0
	34,889	0	0	0	0	3,610	0
	1,748	0	0	0	0	18	0
	10,265	0	0	0	0	0	0
	16,832	30	0	202	0	938	0
	195,497	1,066	0	3,992	0	15,930	0
	196,557	59,991	0	0	0	31,088	0
	34,282	1,000	0	0	0	0	0
	51,528	3,543	0	635	1,269	18,767	0
	28,740	1,436	0	965	0	5,409	0
	246,433	94	0	30,624	0	23,041	4,485
	124,287	5,942	0	0	13	7,788	1,845
	402,103	3,073	0	40,458	716	2,598	114,899
	81,677	0	2,125	0	0	6,752	0

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Month and Commodity Groups in 2003(Cont'd)

In metric ton

6 Jun.	7 Jul.	8 Aug.	9 Sep.	10 Oct.	11 Nov.	12 Dec.	
89	120	146	139	153	97	121	Squid
30	51	86	52	44	39	31	Clam
6	32	33	29	30	50	47	Oyster
9	4	2	3	2	2	2	Sea Urchin
238	239	230	294	284	237	248	Alaska Pollack Roe
90	74	81	84	75	69	67	Alaska Pollack Guts
19	21	25	28	40	32	21	Pickled White Corvenia
2,186	1,605	1,859	1,179	2,578	2,571	1,054	Others
20	29	57	59	61	59	60	Fish Skin
2,400	2,050	1,934	1,861	2,390	2,413	1,915	Others
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Distant Waters
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Frozen
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Prototype Frozen
1,127	3,586	5,571	3,351	2,321	573	2,373	Alaska Pollack
14,150	12,886	18,385	11,304	13,369	20,148	12,203	Tuna
3,000	1,442	2,842	2,906	2,418	1,254	6,755	Squid
14,766	17,393	20,343	25,180	17,653	8,045	11,956	Others
0	0	0	0	0	0	0	Processed Frozen
0	0	0	0	0	0	0	Alaska Pollack Roe
0	0	0	0	0	0	0	Fish Meal & Oil

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Groups and Province in 2003(Value)

In Million won

Frozen	Dired seaweeds	Agar-Agar	Ground Fish Meat	가 Flavour Sea Soned	Fishmeal & Oil	Fish Leather	Others	
961,850	182,562	5,806	238,319	172,602	8,086	2,048	161,940	Total
1,146	191	0	1,534	0	0	0	250	Seoul
477,387	7,292	0	58,539	19,470	0	2,048	121,712	Busan
10,824	0	0	2,324	0	0	0	0	Daegu
29,772	436	0	0	0	503	0	568	Incheon
0	0	0	1,730	0	0	0	0	Gwangju
5,281	0	0	0	4,984	0	0	0	Daejon
13,787	1,841	0	34	0	0	0	0	Ulsan
43,098	8,853	405	92,476	29,517	0	0	160	Gyeonggi
35,635	1,588	0	1,207	57,103	5,373	0	4,572	Gangwon
0	0	0	0	32,700	0	0	582	Chungbuk
11,208	10,854	28	3,867	1,357	0	0	0	Chungnam
8,991	11,939	0	0	0	0	0	0	Jeonbuk
50,118	135,925	747	0	1,399	0	0	0	Jeonnam
64,752	0	0	12,512	22,697	0	0	8,738	Gyeongbuk
140,645	799	4,626	64,096	3,375	2,210	0	24,608	Gyeongnam
69,206	2,844	0	0	0	0	0	750	Jeju

Source : Fisheries Policy Bureau

2. 2003 가
Production of Fishery Products by

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
가	1,357,717	117,588	100,434	158,501	114,927	94,148
	838,981	65,420	54,484	87,385	60,889	55,984
	511,448	39,543	32,049	61,007	33,351	29,286
	465,215	35,094	27,953	56,563	28,054	24,661
	143,872	8,682	6,692	30,354	5,308	4,338
	21,078	1,784	2,707	1,102	1,916	744
	2,352	486	77	96	78	64
	80,109	4,622	2,720	2,468	1,674	1,715
	4,368	310	311	345	236	301
	5,475	947	674	631	335	286
	7,742	557	286	389	277	677
	15,144	1,422	1,227	1,022	959	821
	8,074	1,055	585	814	772	523
	2,951	113	84	132	96	294
	4,605	737	913	122	161	176
	11,905	7	924	801	1,626	1,213
	1,211	94	57	96	97	145
	1,318	264	142	337	68	63
	66	11	13	8	8	5
	671	28	22	29	28	47
	3,803	389	241	209	401	346
	150,471	13,586	10,278	17,608	14,014	12,903
	46,233	4,449	4,096	4,444	5,297	4,625
	1,415	170	150	143	188	167
	390	24	36	39	76	50
	1,040	31	30	18	35	23
	1,623	205	126	116	124	98
	4,442	373	277	288	399	351
	313	0	0	1	1	2
	2,294	98	114	218	166	53
	171	5	2	5	3	2
	407	39	33	37	58	34
	34,138	3,504	3,328	3,579	4,247	3,845
	80,608	5,929	5,422	6,320	7,582	6,961
	1,714	293	230	143	39	101
	1,565	813	249	0	0	0
	1,285	151	170	44	73	0
	10,516	0	672	1,613	2,826	2,767
	4,051	355	406	394	388	432
	54	0	0	0	0	0
	0	0	0	0	0	0
	58,301	4,290	3,692	4,123	4,253	3,542
	3,122	27	3	3	3	119
	91,121	9,789	6,369	8,195	8,815	7,685
	36,263	4,382	2,376	3,229	3,815	3,329
	16,111	1,474	1,217	1,394	1,498	1,395
	23,438	2,063	1,597	1,994	1,944	1,780
	8,875	1,060	604	853	775	724
	1,198	105	57	65	64	56
	5,236	705	518	660	719	401

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Month and Commodity Groups in 2003

In Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
81,375	93,604	114,283	99,539	142,730	120,726	119,862	Total
48,332	58,297	67,142	56,798	106,969	90,706	86,575	Coastal and Off-Shore Waters
25,587	25,008	38,764	27,250	75,543	63,797	60,263	Frozen
20,953	22,161	36,278	24,852	72,116	60,002	56,528	Prototype Frozen
2,984	2,144	9,880	2,733	37,864	12,826	20,067	Squid
594	1,867	1,541	2,539	1,445	2,685	2,154	Alaska Pollack
186	576	182	179	181	127	120	Flounder
1,582	2,480	8,300	5,242	9,255	25,198	14,853	Mackerel
91	39	447	162	638	840	648	Cod
265	366	357	405	345	408	456	Corvenia
557	645	872	881	1,496	903	202	Saury
1,058	1,507	1,287	869	1,279	1,569	2,124	Hair Tail
487	306	313	507	690	854	1,168	Jack Mackerels
858	425	198	267	169	170	145	Shrimp
169	208	157	207	218	596	941	Spanish Mackerels
879	1,311	1,181	978	1,066	750	1,169	Sardine
81	61	105	60	130	178	107	Pomfret
44	74	63	68	63	64	68	Puffers
4	2	3	2	3	3	4	Yellow Croaker
103	67	27	51	41	114	114	Rouple Squid
289	217	263	169	611	370	298	Blue Shrimps
10,722	9,866	11,102	9,533	16,622	12,347	11,890	Others
4,634	2,847	2,486	2,398	3,427	3,795	3,735	Processed Frozen
156	82	69	80	65	72	73	Squid
19	16	17	54	23	19	17	Shrimp
30	105	111	137	160	185	175	Common Conger
98	121	175	78	294	101	87	Alaska Pollack
337	344	329	281	501	479	483	Fish-Paste
1	100	62	81	21	21	23	Cockle
53	157	146	172	187	457	473	Oyster
2	38	22	36	10	25	21	Baby Neck Clam
56	5	8	6	51	34	46	Sea Mussel
3,882	1,879	1,547	1,473	2,115	2,402	2,337	Others
3,705	9,566	6,824	8,965	7,533	5,809	5,992	Canned
78	63	143	280	39	203	102	Saury
0	10	31	27	287	96	52	Sardine
0	0	0	0	200	313	334	Mackerel
0	2,455	0	183	0	0	0	Oyster
388	255	294	263	288	283	305	Bai top shell
0	0	0	54	0	0	0	Sea Mussel
0	0	0	0	0	0	0	Baby Neck Clam
3,239	6,510	5,845	7,708	6,064	4,328	4,707	Tuna
0	273	511	450	655	586	492	Others
7,253	6,999	7,416	7,043	7,948	6,493	7,116	Ground Fish Meat
2,809	2,583	3,025	2,869	3,125	2,267	2,454	Fish Cake
1,440	1,374	1,236	1,266	1,367	1,192	1,258	Imitation Crab meat
1,706	1,966	1,927	1,932	2,278	1,968	2,283	Sausage
731	628	720	544	761	708	767	Fried fish Cake
55	227	227	185	54	49	54	Boiled fish Cake
512	221	281	247	363	309	300	Others

Source : Fisheries Policy Bureau

2. 2003 가
 Production of Fishery Products by

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
	9,280	750	734	723	774	793
	2,907	147	32	32	43	32
	4,731	445	476	457	592	500
	658	1	1	5	6	137
	566	70	89	174	100	78
()	0	0	0	0	0	0
	418	87	136	55	33	46
	237	16	16	46	27	30
	42	0	0	0	0	14
	195	16	16	46	27	16
	17,207	1,962	1,561	2,268	469	394
	82	34	17	0	30	1
	16,237	1,803	1,429	2,097	307	265
	244	26	25	36	41	24
	644	99	90	135	91	104
	28,511	723	646	702	670	836
	11,133	488	480	481	181	26
	4,193	66	64	66	360	475
	672	10	7	74	52	4
	4,945	12	15	11	14	165
가	5,270	21	4	20	7	30
	67	0	0	0	0	1
	593	0	0	0	0	0
	1,638	126	76	50	56	135
	347	28	18	26	25	25
가	86	0	0	0	0	0
	239	22	15	22	21	20
	22	6	3	4	4	5
가	21,501	2,105	1,965	2,252	2,236	2,061
	5,680	376	396	446	577	460
	10,455	1,189	988	1,126	1,096	1,056
	790	64	45	46	51	50
	238	18	5	3	7	18
	4,338	458	531	631	505	477
	13,924	580	991	1,498	1,790	1,233
	391	23	21	17	8	8
	1,811	79	70	48	24	13
	11,722	478	900	1,433	1,758	1,212
	1,388	113	101	114	145	129
	964	81	56	68	82	62
	0	0	0	0	0	0
	424	32	45	46	63	67
	35,993	1,240	2,638	1,754	2,637	3,907
	6,628	26	1,380	140	103	840
	3,239	80	81	119	123	135

가 ()
Month and Commodity Groups in 2003 (Cont'd)

In Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1,018	367	617	419	1,183	853	1,049	Dried
25	38	353	79	913	561	652	Squid
518	304	243	321	243	272	360	Alaska Pollack
410	20	15	13	20	13	17	Shrimp
55	0	0	0	0	0	0	Grouneles
0	0	0	0	0	0	0	Octopus
10	5	6	6	7	7	20	Others
12	16	16	13	24	12	9	Salted & Dried
0	0	0	0	16	7	5	Corvenia
12	16	16	13	8	5	4	Others
517	1,155	2,101	1,570	1,583	1,808	1,819	Cooked
0	0	0	0	0	0	0	Oyster
405	1,134	2,091	1,555	1,568	1,790	1,793	Anchovy
32	15	6	12	8	5	14	Shrimp
80	6	4	3	7	13	12	Others
529	8,212	3,837	5,044	2,800	2,197	2,315	Sea Weeds
13	1,385	1,783	1,585	1,781	1,459	1,471	Laver
24	1,187	402	397	386	379	387	Dried Sea Mustards
5	55	134	65	153	65	48	Salted Sea Mustards
70	2,679	135	1,614	93	60	77	Kelp
169	2,504	1,065	1,072	108	99	171	PFusiforme
0	66	0	0	0	0	0	Temax Tenella and furcuta
0	164	143	143	143	0	0	Seaweed Meal
248	172	175	168	136	135	161	Others
19	33	29	40	57	24	23	Agar-agar
0	11	7	25	36	4	3	Agar-Agar Strips
19	22	22	15	21	20	20	Agar-Aga powder
0	0	0	0	0	0	0	Others
2,792	1,303	1,215	1,259	1,497	1,462	1,354	Flavour Seasoned
1,470	358	406	247	273	373	298	Laver
969	677	583	626	859	632	654	Squid
47	88	87	86	73	70	83	File Fish
8	17	23	27	17	45	50	Alaska Pollack
298	163	116	273	275	342	269	Others
845	887	990	851	1,689	1,120	1,450	Fish Meal & Oil
10	28	54	23	69	64	66	Squid Oil
11	306	253	225	329	243	210	Others Fish Oil
824	553	683	603	1,291	813	1,174	Fish Meal
181	132	61	130	93	97	92	Salted & Preserved
107	125	53	127	66	66	71	Mackerel
0	0	0	0	0	0	0	Herring
74	7	8	3	27	31	21	Others
3,454	2,540	3,281	2,294	4,568	4,562	3,118	Pickled
679	154	446	232	698	899	1,031	Anchovy
108	240	373	254	664	566	496	Shrimp

2. 2003 가
Production of Fishery Products by

: M/T

	Total	1	2	3	4	5
		Jan.	Feb.	Mar.	Apr.	May
가	1,542	162	119	144	134	118
	529	34	32	33	52	45
	349	44	38	22	11	7
	59	6	3	4	5	17
	3,093	333	227	272	263	228
	1,133	148	99	128	119	99
	272	10	7	6	39	24
	19,149	397	652	886	1,788	2,394
	427	20	20	20	20	2
	26,989	2,622	1,954	2,460	2,348	2,642
	518,736	52,168	45,950	71,116	54,038	38,164
	518,736	52,168	45,950	71,116	54,038	38,164
	518,736	52,168	45,950	71,116	54,038	38,164
	21,453	7	1,799	503	0	242
	219,970	27,273	22,540	22,865	25,795	19,052
	119,506	17,095	13,971	42,130	18,012	7,681
157,807	7,793	7,640	5,618	10,231	11,189	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	

3. 2003 .
Value of Fishery Commodities by Production

:

	Total	Dried	Salted & Dried	Cooked	Salted & Preserved	Pickled	Canned
	2,173,284	76,507	2,845	82,100	5,445	151,899	121,275
	7,010	0	0	0	0	3,889	0
	728,268	332	720	5,204	3,447	32,071	46
	13,168	0	0	20	0	0	0
	34,889	0	0	0	0	3,610	0
	1,748	0	0	0	0	18	0
	10,265	0	0	0	0	0	0
	16,832	30	0	202	0	938	0
	195,497	1,066	0	3,992	0	15,930	0
	196,557	59,991	0	0	0	31,088	0
	34,282	1,000	0	0	0	0	0
	51,528	3,543	0	635	1,269	18,767	0
	28,740	1,436	0	965	0	5,409	0
	246,433	94	0	30,624	0	23,041	4,485
	124,287	5,942	0	0	13	7,788	1,845
	402,103	3,073	0	40,458	716	2,598	114,899
	81,677	0	2,125	0	0	6,752	0

:

가 ()
Month and Commodity Groups in 2003(Cont'd)

In metric ton

6 Jun.	7 Jul.	8 Aug.	9 Sep.	10 Oct.	11 Nov.	12 Dec.	
89	120	146	139	153	97	121	Squid
30	51	86	52	44	39	31	Clam
6	32	33	29	30	50	47	Oyster
9	4	2	3	2	2	2	Sea Urchin
238	239	230	294	284	237	248	Alaska Pollack Roe
90	74	81	84	75	69	67	Alaska Pollack Guts
19	21	25	28	40	32	21	Pickled White Corvenia
2,186	1,605	1,859	1,179	2,578	2,571	1,054	Others
20	29	57	59	61	59	60	Fish Skin
2,400	2,050	1,934	1,861	2,390	2,413	1,915	Others
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Distant Waters
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Frozen
33,043	35,307	47,141	42,741	35,761	30,020	33,287	Prototype Frozen
1,127	3,586	5,571	3,351	2,321	573	2,373	Alaska Pollack
14,150	12,886	18,385	11,304	13,369	20,148	12,203	Tuna
3,000	1,442	2,842	2,906	2,418	1,254	6,755	Squid
14,766	17,393	20,343	25,180	17,653	8,045	11,956	Others
0	0	0	0	0	0	0	Processed Frozen
0	0	0	0	0	0	0	Alaska Pollack Roe
0	0	0	0	0	0	0	Fish Meal & Oil

가 ()
Groups and Province in 2003(Value)

In Million won

Frozen	Dired seaweeds	Agar-Agar	Ground Fish Meat	가 Flavour Sea Soned	Fishmeal & Oil	Fish Leather	Others	
961,850	182,562	5,806	238,319	172,602	8,086	2,048	161,940	Total
1,146	191	0	1,534	0	0	0	250	Seoul
477,387	7,292	0	58,539	19,470	0	2,048	121,712	Busan
10,824	0	0	2,324	0	0	0	0	Daegu
29,772	436	0	0	0	503	0	568	Incheon
0	0	0	1,730	0	0	0	0	Gwangju
5,281	0	0	0	4,984	0	0	0	Daejon
13,787	1,841	0	34	0	0	0	0	Ulsan
43,098	8,853	405	92,476	29,517	0	0	160	Gyeonggi
35,635	1,588	0	1,207	57,103	5,373	0	4,572	Gangwon
0	0	0	0	32,700	0	0	582	Chungbuk
11,208	10,854	28	3,867	1,357	0	0	0	Chungnam
8,991	11,939	0	0	0	0	0	0	Jeonbuk
50,118	135,925	747	0	1,399	0	0	0	Jeonnam
64,752	0	0	12,512	22,697	0	0	8,738	Gyeongbuk
140,645	799	4,626	64,096	3,375	2,210	0	24,608	Gyeongnam
69,206	2,844	0	0	0	0	0	750	Jeju

Source : Fisheries Policy Bureau

Imports and Exports of Fishery Products

1. Exports of Fishery Products by Major Species

In M/T, US 1,000 \$

	1999		2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	475,644	1,520,534	533,824	1,504,470	435,691	1,273,619	429,884	1,160,435	424,785	1,129,385
Tunas	89,523	294,484	100,350	298,622	86,979	256,979	97,573	273,524	91,792	224,640
Imitative Crab Meat	36,900	79,675	28,566	59,321	24,411	50,452	22,475	44,366	16,312	33,924
Oysters	18,563	111,141	22,296	129,577	22,544	125,656	17,217	76,122	16,610	74,699
Conger Eel	14,223	94,162	11,455	91,068	9,846	74,344	8,232	57,732	7,095	52,075
Squid	72,040	68,310	117,439	92,251	75,103	68,382	72,156	65,089	60,566	70,839
Ark Shells	6,211	49,472	7,059	52,866	5,128	42,231	3,717	29,226	3,322	25,548
Crabs	5,119	46,886	3,702	44,881	3,036	31,091	3,802	31,142	4,710	46,247
Fusi forme	6,024	38,487	5,521	30,353	5,760	30,668	4,682	33,588	4,724	36,325
Flat Fish	8,125	42,697	5,142	41,942	4,988	43,817	5,479	41,721	4,163	47,947
Undaria Pinnatifida	15,855	33,774	12,951	29,748	9,709	21,160	10,218	20,400	13,271	21,900
Baby Clams	10,340	23,553	11,546	27,212	12,656	29,370	9,510	24,188	8,322	21,177
Laver	4,414	25,426	5,178	31,015	6,348	40,069	6,275	37,709	6,969	41,646
Sea-Urchin	432	19,189	381	17,191	327	12,982	264	10,260	240	9,995
Chub Mackeral	4,941	17,081	2,858	11,697	2,815	9,491	2,696	10,216	4,301	12,232
Hores Mackeral	2,955	7,045	8,105	13,448	6,650	11,618	8,136	16,795	5,639	7,971
Top Shells	2,875	14,062	2,745	15,010	2,667	12,399	2,622	12,082	2,367	11,652
Mackeral	36,618	25,933	38,010	26,173	18,588	18,282	14,941	15,569	8,368	13,789
Adductors of Shell fish	745	10,640	414	6,784	255	4,075	218	3,663	184	2,947
가 Plaice	1,295	2,838	2,692	3,160	428	848	472	832	835	1,259
Agar-Agar	371	6,758	371	6,870	404	6,641	433	7,128	447	7,821
Others	138,075	508,921	147,043	475,281	137,049	383,064	138,766	349,083	164,548	364,752

: kg ton

(±2)

Source: Korea Customs Service

2. 가 Exports of Fishery Products by Major Countries

In M/T, US 1,000 \$

	1999		2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	475,644	1,520,534	533,824	1,504,470	435,691	1,273,619	429,884	1,160,435	424,785	1,129,385
Japan	205,700	1,155,211	215,479	1,125,248	179,335	924,873	179,069	823,117	150,155	740,447
E U	41,859	84,579	35,749	64,596	49,429	75,159	39,912	63,760	46,605	78,089
China	53,100	58,854	93,134	84,090	53,673	55,709	44,290	48,345	55,708	70,769
U.S.A	23,469	76,386	29,215	78,712	27,281	82,210	25,462	77,625	22,964	80,385
Thailand	48,860	28,871	44,805	22,691	47,256	32,943	46,295	34,492	55,304	38,354
Russia	7,381	9,998	3,691	4,618	1,504	1,738	1,986	2,340	2,570	2,714
Hong Kong	1,673	11,780	2,096	13,160	1,897	9,946	1,876	9,946	3,691	14,350
Taiwan	4,194	11,259	10,967	18,137	5,958	16,790	5,827	16,857	5,799	17,305
Newzealand	7,755	10,368	16,976	21,842	13,952	14,084	18,395	21,167	26,170	30,487
Canada	3,971	10,933	5,886	13,002	2,790	10,821	7,559	10,058	4,088	8,011
가 Singapore	2,248	5,459	2,148	4,860	1,922	4,426	2,374	5,470	1,144	4,161
Australia	2,317	5,733	2,709	6,345	2,247	6,083	2,775	6,609	2,822	6,740
Norway	3,352	4,001	4,799	3,254	5,225	3,705	6,401	4,065	1,146	1,265
Brazil	969	2,124	1,203	2,751	1,062	2,346	1,455	1,890	1,536	1,400
Puerto Rico	266	594	90	212	0	0	17	39	80	56
South Africa	540	1,194	567	1,178	881	2,325	766	1,210	1,911	1,456
Indonesia	15,392	8,762	13,387	6,981	9,280	4,628	9,389	4,999	9,355	5,502
Philippines	34,792	17,866	25,906	13,059	10,382	5,681	6,224	3,659	1,800	1,783
Panama	1,275	1,031	2,494	2,036	1,557	975	997	933	905	772
Malaysia	1,326	1,990	919	1,752	1,158	2,199	1,810	2,922	2,043	3,032
Others	15,205	13,541	21,602	15,946	18,901	16,980	27,005	20,932	28,989	22,307

Source: Korea Customs Service

3. Imports of Fishery Products by Major Species

In M/T, US 1,000 \$

	1999		2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	746,327	1,178,968	749,191	1,410,598	1,056,252	1,648,372	1,186,400	1,884,417	1,238,603	1,961,145
Alaska Pollack Roe (Frozen)	14,273	142,714	8,064	113,725	7,869	94,652	9,064	80,183	7,881	68,644
Horse Mackerel (frozen)	54,281	131,296	58,773	141,179	70,263	146,833	52,792	137,877	56,195	127,733
Alaska Pollacks (Frozen)	23,495	40,502	26,423	42,886	39,961	55,670	29,817	48,772	28,916	48,086
Hair Poulp Squid (Frozen)	16,556	33,912	20,967	44,778	44,654	66,589	46,384	81,070	42,655	66,216
Poulp Squid (Frozen)	21,432	32,223	20,170	30,757	23,852	36,782	25,184	40,337	27,596	48,096
Shrimp (Frozen)	4,654	25,819	6,666	41,276	12,965	50,217	14,333	51,482	14,016	55,622
Squid (Frozen)	23,272	20,299	2,714	2,887	4,118	4,440	6,539	5,642	5,799	4,658
Alaska Pollack (Frozen)	67,654	36,838	53,265	27,678	41,663	27,684	139,991	89,532	230,628	180,129
Skate (Frozen)	6,847	8,672	9,175	14,586	8,352	12,295	7,535	11,958	12,631	22,528
Hair Tail (Live & Frozen)	7,029	22,623	6,649	26,401	3,521	12,461	5,797	19,601	5,092	16,663
Salted Fermented Shrimps	15,711	7,114	15,973	8,204	14,914	8,675	20,201	10,794	24,755	13,071
Sea Bass (Live)	2,462	12,579	3,401	19,429	3,679	20,634	4,639	19,177	7,094	25,607
Ark Shells (Frozen)	555	4,633	563	4,915	575	3,661	590	3,111	535	2,074
Mackerel (Frozen)	22,381	15,836	24,230	20,417	50,831	45,089	37,566	38,006	30,783	29,370
Seasoned Squid	8,342	15,937	13,834	20,410	8,075	11,974	8,122	10,912	4,578	6,589
Puffers (Frozen)	4,973	6,889	4,945	12,667	8,266	18,626	7,729	13,829	4,516	7,688
Loach (Live)	5,989	3,862	6,787	4,810	7,858	5,501	8,920	11,756	8,740	10,556
Sea Breems (Live)	1,735	10,132	2,927	18,899	2,594	14,855	1,185	17,975	3,247	18,598
Croaker (Frozen)	2,249	3,166	3,281	4,879	2,728	4,054	4,910	6,006	3,620	4,058
Eels (Live)	2,889	14,883	2,769	15,440	5,493	27,844	5,107	28,042	3,881	20,035
Anchovies (Dried)	167	214	2,363	10,932	1,900	5,363	2,843	6,166	525	1,104
Lever (Dried)	17	189	39	359	10	112	61	541	101	783
Saury (Frozen)	331	244	557	545	15,007	11,715	26,452	18,911	29,011	14,836
Others	439,031	588,393	454,655	782,539	677,103	962,647	718,639	1,132,737	685,808	1,168,401

Source: Korea Customs Service

4. 가 Imports of Fishery Products to Major Countries

In M/T, US 1,000 \$

	1999		2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	746,327	1,178,968	749,191	1,410,598	1,056,252	1,648,372	1,186,400	1,884,417	1,238,603	1,961,145
China	295,713	413,270	283,420	486,841	474,045	634,449	491,315	719,314	461,971	713,538
Russia	129,402	205,033	81,265	125,031	92,856	153,756	189,464	215,638	269,918	299,252
U.S.A	77,361	129,816	75,588	145,366	93,969	158,520	89,603	173,774	82,485	152,677
Japan	52,085	107,206	67,741	185,109	69,679	139,129	74,536	146,497	69,257	148,699
Thailand	11,786	43,523	18,284	67,750	28,184	83,288	29,106	84,737	34,692	95,616
Indonesia	14,820	22,962	15,268	28,378	15,206	25,175	13,837	22,718	16,083	26,630
Argentina	10,922	10,621	6,501	9,140	5,109	7,517	7,900	10,521	6,308	9,342
Vietnam	20,819	39,549	33,374	72,240	49,107	101,486	61,504	121,733	67,416	129,878
Philippines	4,830	11,054	6,704	17,245	8,745	18,021	9,447	19,421	9,558	26,773
Newzealand	8,999	14,624	6,088	15,703	6,206	15,842	3,986	10,638	3,569	9,607
Norway	4,154	12,162	6,246	18,048	14,911	26,485	13,754	26,152	11,526	25,229
Canada	8,938	18,871	5,791	18,637	8,452	24,924	14,824	43,178	15,108	51,355
U. K	2,040	7,594	2,915	13,859	6,603	16,319	11,881	21,902	11,961	25,302
Chile	12,777	12,336	26,195	23,710	32,375	25,919	22,752	22,375	33,208	32,362
Taiwan	18,479	21,073	18,970	31,343	26,821	45,777	32,167	54,993	36,994	42,827
Denmark	4,071	3,489	8,365	6,159	10,428	5,982	10,090	6,452	9,003	5,314
Hong Kong	7,242	12,710	266	9,952	147	3,776	201	3,415	190	3,766
Mexico	8,798	15,250	17,994	23,686	18,272	16,514	17,532	18,806	15,764	15,040
Others	53,091	77,825	68,216	112,399	95,137	145,493	92,681	162,153	83,592	147,938

Source: Korea Customs Service

5.

Exports of Fishery Products by Year and Commodity Groups

In M/T, US 1,000 \$

	2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	533,824	1,504,470	435,691	1,273,619	429,884	1,160,435	424,785	1,129,385
Live	7,179	85,282	7,045	73,490	7,201	68,396	6,923	78,640
Fresh or Chilled	54,596	270,065	46,853	229,932	32,158	153,268	29,195	141,837
Frozen	343,718	669,834	260,840	544,490	281,040	548,541	273,933	532,385
Smoked	140	629	247	998	233	1,189	164	955
Dried	13,074	80,119	13,698	81,140	11,456	78,685	10,987	76,827
Salted or in Brine	11,608	27,892	7,763	20,570	8,636	20,497	11,709	22,464
Others	45,079	131,965	42,764	91,748	38,025	91,204	49,385	97,437
In airtight containers	10,200	46,014	11,506	47,940	11,240	42,940	10,561	41,533
Others(Prepared)	48,232	192,671	44,976	183,311	39,895	155,714	31,928	137,307

: kg ton (± 2)

Source:Korea Customs Service

6.

Imports of Fishery Products by Year and Commodity Groups

In M/T, US 1,000 \$

	2000		2001		2002		2003	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Total	749,191	1,410,598	1,056,252	1,648,372	1,186,400	1,884,417	1,238,604	1,961,145
Live	34,926	118,592	43,854	132,325	50,606	152,662	53,696	159,029
Fresh or Chilled	43,185	117,739	61,573	149,743	100,111	241,611	112,462	270,779
Frozen	534,836	928,040	805,721	1,110,844	876,776	1,207,193	913,181	1,239,212
Smoked	393	2,333	402	1,961	646	2,596	622	2,183
Dried	7,443	46,252	7,928	50,694	9,713	55,345	6,533	43,663
Salted or in Brine	25,376	21,670	27,333	22,607	36,441	25,861	38,604	26,850
Others	70,837	71,883	78,001	64,111	68,086	60,007	64,557	60,847
In airtight containers	617	3,073	1,154	6,128	1,102	5,330	1,847	8,768
Others(Prepared)	31,577	101,015	30,286	109,958	42,920	133,813	47,102	149,814

: kg ton (± 2)

Source:Korea Customs Service

1.

Status of Korean Flag Ships

Classification \ Year		1999		2000		2001		2002		2003	
		Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	Sub-Total	6,622	13,134,091	6,738	14,376,737	6,827	14,707,122	6,973	15,295,015	7,055	14,714,265
	Korean Flag	6,455	6,076,059	6,494	6,152,793	6,586	6,592,758	6,792	7,637,549	6,881	7,447,867
Passenger Vessels	BBC/HP	167	7,058,032	244	8,223,944	241	8,114,364	181	7,657,466	174	7,266,398
	Sub-Total	172	98,387	169	92,250	176	113,340	191	142,474	190	166,475
	Korean Flag	171	86,355	168	83,327	175	95,379	190	124,513	188	129,283
	BBC/HP	1	12,032	1	8,923	1	17,961	1	17,961	2	37,192
Cargo Vessels	Sub-Total	841	9,337,100	900	9,552,930	890	9,630,950	887	11,824,448	873	11,331,771
	Korean Flag	696	4,240,100	711	4,277,901	706	4,384,060	725	5,214,636	724	4,935,460
	BBC/HP	145	5,097,000	189	5,275,029	184	5,246,890	162	6,609,812	149	6,396,311
	Sub-Total	668	2,773,603	728	3,779,943	753	3,947,431	747	2,167,297	734	1,921,814
Tanker	Korean Flag	647	824,603	674	839,951	697	1,097,918	729	1,137,604	711	1,088,919
	BBC/HP	21	1,949,000	54	2,939,992	56	2,849,513	18	1,029,693	23	832,895
	Sub-Total	4,941	925,001	4,941	951,614	5,008	1,015,401	5,148	1,160,796	5,258	1,294,205
	Korean Flag	4,941	925,001	4,941	951,614	5,008	1,015,401	5,148	1,160,796	5,258	1,294,205
() Others	BBC/HP	0	0	0	0	0	0	0	0	0	0

: BBC/HP
:Note: BBC/HP means Bare Boat Charter with Hire Purchase
Source: Shipping & Logistics Bureau

2.

Status of Ships Licensed, Registered

Kind of Ships Classification	Total		Passenger Vessels		Conventional Cargo Vessels		Container Vessels		Tankers		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	2,726	12,818,168	170	158,120	678	8,005,896	110	2,149,355	420	1,850,813	1,348	653,984
Coastal	2,297	1,566,734	161	80,197	426	308,970	9	22,767	353	500,816	1,348	653,984
Ocean-going Total	429	11,251,434	9	77,923	252	7,696,926	101	2,126,588	67	1,349,997	0	0
Liner	109	2,187,247	9	77,923	0	0	100	2,109,324	0	0	0	0
Tramper	320	9,064,187	0	0	252	7,696,926	1	17,264	67	1,349,997	0	0

Note : Based on licensed, registered

Passenger ships include reserve ships on subsidized remote island route and others include barges

Includes BBC/HP ships

Introducing filing system in coastal shipping business in 1999, the number of registered ship was increased a lot.

Source: Shipping & Logistics Bureau

3.

Status of Ocean-going Liner Ships(Route)

Kind of Ships Classification	Total		Container Ships		Semi-Container Ships	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	100	2,109,324	95	2,099,198	5	10,126
Japan	35	161,164	31	153,034	4	8,130
China	22	162,032	22	162,032	0	0
Russia	0	0	0	0	0	0
South-east Asia	12	175,793	11	173,797	1	1,996
Middle-east Asia	5	108,055	5	108,055	0	0
America	21	1,181,219	21	1,181,219	0	0
Europe	5	321,061	5	321,061	0	0
Others	0	0	0	0	0	0

Source : Marine Policy Bureau

Ship Registered

Classifi- cation	Grand Total													
	Total		Passenger Vessels		Cargo Vessels		Tankers		Tug Boat		Barge		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Year														
1994	4,965	6,497,337	167	61,607	809	5,508,625	602	733,403	970	61,573	0	0	2,417	132,129
1995	4,968	6,332,214	177	77,813	767	5,465,648	607	582,116	1,000	65,444	0	0	2,417	141,193
1996	5,110	6,992,646	184	80,494	783	6,050,594	625	628,426	1,057	73,022	0	0	2,461	160,110
1997	5,134	6,756,082	187	78,696	766	5,830,843	637	614,601	1,092	78,432	0	0	2,452	153,510
1998	4,906	5,242,968	175	65,230	702	4,416,927	628	545,431	1,073	78,979	0	0	2,328	136,401
1999	6,455	6,076,059	171	86,355	696	4,240,100	647	824,603	1,071	79,788	1,600	707,305	2,270	137,908
2000	6,494	6,152,793	168	83,327	711	4,277,901	674	839,951	1,091	82,733	1,589	728,653	2,261	140,228
2001	6,586	6,592,758	175	95,379	706	4,384,060	697	1,097,918	1,111	84,531	1,633	781,393	2,264	149,477
2002	6,792	7,637,549	190	124,513	725	5,214,636	729	1,137,604	1,146	88,362	1,731	903,648	2,271	168,786
2003	6,881	7,447,867	188	129,283	724	4,935,460	711	1,088,919	1,178	95,909	1,824	1,020,904	2,256	177,392
	2,470	1,029,834	16	13,817	159	309,818	405	196,096	482	31,517	874	424,524	534	54,062
	1,377	475,888	28	23,036	35	62,997	44	38,941	314	27,595	541	272,000	415	51,319
	103	4,801	0	0	2	135	1	197	13	898	11	2,016	76	1,555
	218	13,432	8	704	11	401	0	0	24	1,992	22	6,020	153	4,315
	247	45,857	8	1,043	11	4,475	14	8,654	49	3,978	64	24,433	101	3,274
	518	104,780	79	33,318	118	25,455	27	1,650	55	2,807	88	24,685	151	16,865
	533	135,360	18	2,584	62	17,763	102	74,866	73	7,811	64	24,190	214	8,146
	192	102,971	6	11,777	27	33,166	8	690	41	5,008	35	50,748	75	1,582
	583	108,403	16	2,217	49	9,937	21	659	56	5,973	76	77,269	365	12,348
	264	482,078	0	0	12	173,866	32	179,438	64	8,024	37	106,976	119	13,774
	376	4,944,463	9	40,787	238	4,297,447	57	587,728	7	306	12	8,043	53	10,152

Note : Official vessels is included in other vessels

Due to the inclusion of barges, there is a change in the total figure compared with that of 1999.

Source: Director General for Maritime Safety Management

Ship Registered

Classification Year	Steel Ship													
	Total		Passenger Vessels		Cargo Vessels		Tankers		Tug Boat		Barge		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
1994	3,312	6,444,565	136	54,362	597	5,478,962	602	733,403	920	60,778	0	0	1,057	117,060
1995	3,396	6,277,837	144	67,632	598	5,436,742	607	582,116	953	64,634	0	0	1,094	126,713
1996	3,555	6,937,958	150	70,398	625	6,021,945	625	628,426	1,015	72,283	0	0	1,140	144,906
1997	3,661	6,726,822	150	67,785	631	5,828,126	637	614,601	1,072	78,024	0	0	1,171	138,286
1998	3,568	5,214,469	137	54,661	584	4,414,392	628	545,431	1,061	78,801	0	0	1,158	121,184
1999	5,183	6,047,674	136	76,123	584	4,237,727	647	824,603	1,059	79,610	1,597	706,733	1,160	122,878
2000	5,264	6,125,235	135	73,396	604	4,275,599	674	839,951	1,079	82,554	1,586	728,081	1,186	125,654
2001	5,373	6,564,905	140	85,516	610	4,382,019	697	1,097,918	1,100	84,368	1,630	780,821	1,196	134,263
2002	5,585	7,579,565	147	109,894	631	5,187,613	729	1,137,604	1,135	88,206	1,728	903,076	1,215	153,172
2003	5,710	7,390,192	146	114,728	638	4,908,561	711	1,088,919	1,167	95,760	1,821	1,020,332	1,227	161,892
	2,267	1,025,785	8	11,928	153	309,707	405	196,096	480	31,503	872	424,123	349	52,428
	1,218	472,424	25	21,801	31	62,919	44	38,941	308	27,495	541	272,000	269	49,268
	85	4,567	0	0	2	135	1	197	13	898	11	2,016	58	1,321
	121	11,577	6	561	6	302	0	0	24	1,992	22	6,020	63	2,702
	205	44,849	8	1,043	6	4,418	14	8,654	49	3,978	63	24,262	65	2,494
	375	99,595	67	30,660	75	24,417	27	1,650	55	2,807	88	24,685	63	15,376
	410	132,730	13	1,615	53	17,602	102	74,866	73	7,811	64	24,190	105	6,646
	146	96,108	1	5,410	27	33,166	8	690	39	4,985	35	50,748	36	1,109
	317	102,836	11	1,849	36	9,604	21	659	56	5,973	76	77,269	117	7,482
	217	481,470	0	0	12	173,866	32	179,438	64	8,024	37	106,976	72	13,166
	349	4,918,251	7	39,861	237	4,272,425	57	587,728	6	294	12	8,043	30	9,900

Ship Registered

Classification Year	Others													
	Total		Passenger Vessels		Cargo Vessels		Tankers		Tug Boat		Barge		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
1994	649	14,694	29	7,173	4	71	0	0	2	21	0	0	614	7,429
1995	679	18,066	31	10,108	5	156	0	0	4	119	0	0	639	7,683
1996	719	19,165	33	10,059	6	181	0	0	4	119	0	0	676	8,806
1997	731	20,224	36	10,874	4	140	0	0	4	119	0	0	687	9,091
1998	728	20,623	36	10,507	4	140	0	0	2	21	0	0	686	9,955
1999	129	4,145	9	2,194	1	8	0	0	1	3	3	572	115	1,368
2000	739	21,184	32	9,894	4	141	0	0	2	21	3	572	698	10,556
2001	774	22,085	34	9,826	3	50	0	0	2	21	3	572	732	11,616
2002	810	27,637	42	14,582	4	79	0	0	3	25	3	572	758	12,379
2003	819	27,843	41	14,518	4	79	0	0	4	37	3	572	767	12,637
	101	3,447	8	1,889	0	0	0	0	1	3	2	401	90	1,154
	105	2,935	3	1,235	0	0	0	0	1	18	0	0	101	1,682
	15	199	0	0	0	0	0	0	0	0	0	0	15	199
	80	1,525	2	143	0	0	0	0	0	0	0	0	78	1,382
	32	903	0	0	1	9	0	0	0	0	1	171	30	723
	83	3,745	12	2,658	0	0	0	0	0	0	0	0	71	1,087
	92	2,241	5	969	1	5	0	0	0	0	0	0	86	1,267
	39	6,762	5	6,367	0	0	0	0	1	4	0	0	33	391
	199	4,289	4	331	2	65	0	0	0	0	0	0	193	3,893
	47	607	0	0	0	0	0	0	0	0	0	0	47	607
	26	1,190	2	926	0	0	0	0	1	12	0	0	23	252

Ship Registered(Tonnage 4-1)

Classification Tonnage	Grand Total													
	Total		Passenger Vessels		Cargo Vessels		Tankers		Tug Boat		Barge		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	6,881	7,447,865	188	129,283	724	4,935,460	711	1,088,917	1,178	95,907	1,824	1,020,904	2,256	177,394
5 Less than 5 tons	350	1,150	1	3	5	20	3	12	2	7	0	0	339	1,108
5~20	1,232	15,161	0	0	43	699	98	1,354	112	1,698	0	0	979	11,410
20~30	773	19,643	0	0	66	1,658	56	1,390	204	5,058	35	862	412	10,675
30~50	607	23,081	7	285	50	1,912	59	2,326	266	10,072	48	1,902	177	6,584
50~100	760	55,893	48	3,752	70	5,438	96	6,655	250	18,076	126	9,469	170	12,503
100~200	909	132,937	58	8,263	20	2,955	121	17,088	260	38,901	356	52,885	94	12,845
200~300	514	127,385	31	8,004	9	2,357	17	4,036	69	16,280	372	92,832	16	3,876
300~500	549	215,518	18	6,282	47	20,427	53	24,201	12	4,268	393	150,062	26	10,278
500~1,000	496	357,393	8	4,980	80	65,380	69	54,921	3	1,547	320	218,111	16	12,454
1,000~2,000	257	378,551	1	1,605	81	120,994	66	103,527	0	0	101	141,397	8	11,028
2,000~5,000	273	919,545	8	27,649	135	480,440	59	196,665	0	0	57	167,146	14	47,645
5,000~10,000	50	349,513	7	52,120	25	170,322	7	47,594	0	0	7	52,543	4	26,934
10,000~20,000	42	639,271	1	16,340	31	482,632	1	16,813	0	0	8	113,432	1	10,054
20,000~50,000	33	950,121	0	0	30	859,822	2	70,036	0	0	1	20,263	0	0
50,000~100,000	24	1,808,350	0	0	23	1,731,397	1	76,953	0	0	0	0	0	0
100,000 More than 100,000 tons	12	1,454,353	0	0	9	989,007	3	465,346	0	0	0	0	0	0

5.

(4-2)

Ship Registered(Tonnage 4-2)

Classification Tonnage	Steel Ship													
	Total		Passenger Vessels		Cargo Vessels		Tankers		Tug Boat		Barge		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	5,710	7,390,188	146	114,728	638	4,908,562	711	1,088,917	1,167	95,758	1,821	1,020,332	1,227	161,891
5 Less than 5 tons	65	221	0	0	0	0	3	12	0	0	0	0	62	209
5~20	707	9,106	0	0	12	186	98	1,354	105	1,602	0	0	492	5,964
20~30	531	13,305	0	0	29	762	56	1,390	202	5,012	35	862	209	5,279
30~50	553	21,111	5	199	39	1,521	59	2,326	266	10,072	48	1,902	136	5,091
50~100	740	54,526	43	3,336	69	5,382	96	6,655	250	18,076	126	9,469	156	11,608
100~200	892	130,567	48	6,891	20	2,955	121	17,088	260	38,901	354	52,529	89	12,203
200~300	502	124,242	21	5,304	9	2,357	17	4,036	69	16,280	371	92,616	15	3,649
300~500	539	212,030	8	2,794	47	20,427	53	24,201	12	4,268	393	150,062	26	10,278
500~1,000	493	355,774	6	3,866	80	65,380	69	54,921	3	1,547	320	218,111	15	11,949
1,000~2,000	257	378,551	1	1,605	81	120,994	66	103,527	0	0	101	141,397	8	11,028
2,000~5,000	271	914,169	6	22,273	135	480,440	59	196,665	0	0	57	167,146	14	47,645
5,000~10,000	50	349,513	7	52,120	25	170,322	7	47,594	0	0	7	52,543	4	26,934
10,000~20,000	42	639,271	1	16,340	31	482,632	1	16,813	0	0	8	113,432	1	10,054
20,000~50,000	32	925,099	0	0	29	834,800	2	70,036	0	0	1	20,263	0	0
50,000~100,000	24	1,808,350	0	0	23	1,731,397	1	76,953	0	0	0	0	0	0
100,000 More than 100,000 tons	12	1,454,353	0	0	9	989,007	3	465,346	0	0	0	0	0	0

6. ()
Ship Registered(Age)

Classification Tonnage	Total	5	5~10	10~15	15~20	20~25	25~30	30~35	35
		Less than 5 Years							More than 36 Years
	6,881	442	1,276	1,366	1,055	996	733	542	471
Total	7,447,864	223,651	1,643,865	1,867,347	2,056,281	1,087,350	350,795	133,597	84,978
5	350	47	69	114	48	24	25	6	17
Less than 5 tons	1,150	156	238	370	151	75	84	26	50
5~20	1,232	53	161	288	217	194	164	96	59
	15,162	619	1,927	3,210	2,340	2,719	2,213	1,348	786
20~30	773	62	144	122	85	104	109	80	67
	19,644	1,695	3,750	3,124	2,140	2,559	2,797	1,943	1,636
30~50	607	25	84	79	60	98	85	78	98
	23,080	1,011	3,197	3,128	2,219	3,760	3,260	3,011	3,494
50~100	760	50	139	136	72	108	72	75	108
	55,891	3,866	10,005	10,496	5,641	7,719	5,008	5,167	7,989
100~200	909	73	203	116	149	96	118	102	52
	132,937	10,371	29,692	16,272	22,801	14,491	17,337	14,667	7,306
200~300	514	22	156	149	59	59	35	23	11
	127,386	5,103	40,283	36,021	14,385	14,648	8,757	5,689	2,500
300~500	549	33	108	126	87	102	37	28	28
	215,518	12,831	40,466	47,714	36,382	40,631	15,405	10,851	11,238
500~1,000	496	36	88	90	99	92	39	31	21
	357,392	22,437	60,461	65,878	74,308	66,271	27,882	23,938	16,217
1,000~2,000	257	10	44	76	53	38	21	11	4
	378,551	16,481	64,005	112,094	76,579	54,666	32,226	17,161	5,339
2,000~5,000	273	23	48	42	84	47	15	10	4
	919,545	64,591	166,692	144,587	294,121	159,172	38,736	36,099	15,547
5,000~10,000	50	5	9	8	9	12	3	2	2
	349,513	34,257	61,962	53,211	65,467	88,799	19,244	13,697	12,876
10,000~20,000	42	3	11	1	12	7	8	0	0
	639,271	50,233	175,350	13,276	189,410	91,603	119,399	0	0
20,000~50,000	33	0	2	6	10	13	2	0	0
	950,121	0	63,743	179,633	256,668	391,630	58,447	0	0
50,000~100,000	24	0	7	6	9	2	0	0	0
	1,808,350	0	456,748	413,812	789,183	148,607	0	0	0
100,000	12	0	3	7	2	0	0	0	0
More than 100,000 tons	1,454,353	0	465,346	764,521	224,486	0	0	0	0

Note: The upper column is the number of vessel and the lower column is gross ton
Source: Director General for Maritime Safety Management

7. Ship Inspection

1.

Classifi- Cstion		Year		1997	1998	1999	2000	2001	2002	2003
		1997	1998							
		114	382	63	792	848	895	948		
		10,278.00	159,950.00	25,762.02	148,529.24	175,414.97	213,401.40	235,207.46		
		970	1,521	106	948	1,216	799	695		
		164,758.00	10,851,399.00	1,291,110.26	5,278,515.13	10,021,073.47	17,974,511.29	6,038,395.77		
		0	0	77	756	996	781	761		
		.00	.00	194,055.21	1,249,517.10	1,817,433.30	1,630,894.28	1,308,934.14		
		0	0	16	383	426	400	405		
		.00	.00	22,553.14	333,484.10	474,887.73	437,294.50	520,816.71		
		4,014	3,907	116	2,608	2,609	2,442	2,260		
		351,438.00	685,065.00	41,319.30	244,011.70	327,283.23	256,228.79	261,697.10		
		5,098	5,810	378	5,487	6,095	5,317	5,069		
		526,474.00	11,696,414.00	1,574,799.93	7,254,057.27	12,816,092.70	20,512,330.26	8,365,051.18		
		0	0	4	21	0	137	173		
		.00	.00	5,105.00	32,447.73	.00	10,782.91	41,573.24		
		0	0	1	4	0	0	0		
		.00	.00	.00	23,835.00	.00	.00	.00		
		0	0	4	68	0	104	129		
		.00	.00	3,122.00	8,278.43	.00	6,954.98	17,777.79		
		0	0	1	1	0	22	29		
		.00	.00	262.00	26.00	.00	1,473.78	4,165.20		
		0	0	8	15	0	10	15		
		.00	.00	8,827.11	19,454.93	.00	725.54	8,502.31		
		0	0	154	17,322	31,357	16,276	17,388		
		.00	.00	131,172.63	566,040.55	718,097.47	506,818.24	476,256.04		
		0	0	172	17,431	31,357	16,549	17,734		
		.00	.00	148,488.74	650,082.64	718,097.47	526,755.45	548,274.58		
		5,098	5,810	550	22,918	37,452	21,866	22,803		
		526,474.00	11,696,414.00	1,723,288.67	7,904,139.91	13,534,190.17	21,039,085.71	8,913,325.76		

:

2.

Classifi- Cst ion				1	2			
		134	436	0	365	13	948	
		48,395.18	108,890.78	.00	76,985.50	936.00	235,207.46	
		167	109	303	115	1	695	
		1,459,994.26	850,840.78	3,117,065.97	610,333.76	161.00	6,038,395.77	
		168	248	245	99	1	761	
		155,526.74	383,861.10	618,314.50	151,105.80	126.00	1,308,934.14	
		82	113	197	7	6	405	
		126,409.02	89,024.07	278,515.23	17,649.39	9,219.00	520,816.71	
		550	497	761	443	9	2,260	
		47,464.20	74,476.01	103,663.32	36,053.57	40.00	261,697.10	
		1,101	1,403	1,506	1,029	30	5,069	
		1,837,789.40	1,507,092.74	4,117,559.02	892,128.02	10,482.00	8,365,051.18	
		20	62	55	30	6	173	
		7,945.41	8,016.10	17,789.00	7,614.73	208.00	41,573.24	
		0	0	0	0	0	0	
		.00	.00	.00	.00	.00	.00	
		27	28	58	13	3	129	
		2,661.80	3,497.40	10,988.20	589.39	41.00	17,777.79	
		5	6	10	5	3	29	
		184.77	189.02	3,509.83	136.58	145.00	4,165.20	
		1	2	10	2	0	15	
		161.26	509.71	7,379.41	451.93	.00	8,502.31	
		4,089	7,261	1,035	3,775	1,228	17,388	
		77,275.79	113,175.24	200,195.31	75,465.70	10,144.00	476,256.04	
		4,142	7,359	1,168	3,825	1,240	17,734	
		88,229.03	125,387.47	239,861.75	84,258.33	10,538.00	548,274.58	
		5,243	8,762	2,674	4,854	1,270	22,803	
		1,926,018.43	1,632,480.21	4,357,420.77	976,386.35	21,020.00	8,913,325.76	

Source : Director General for
Maritime Safety Management

8. 세계 선박 World Fleet

선종별 Ship Type	Total		액화가스선 Liquefied Gas Ship		유조선 Oil Tanker		건화물선 Dry Bulk	
	척	톤	척	톤	척	톤	척	톤
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
국 가 별 Flag								
Total	89,899	605,218,368	1,180	22,768,377	6,946	159,272,859	6,750	174,984,607
ALBANIA	83	70,026	-	-	-	-	-	-
ALGERIA	137	872,028	10	457,209	12	17,011	9	172,695
ANGOLA	122	44,811	-	-	3	1,444	-	-
ANTIGUA & BARBUDA	950	6,004,650	9	41,955	2	3,400	26	401,495
ARGENTINA	497	433,909	-	-	10	51,485	3	33,678
AUSTRALIA	643	1,905,778	4	420,040	7	264,439	25	579,383
AUSTRIA	7	31,991	-	-	-	-	-	-
AZERBAIJAN	288	637,994	-	-	39	175,736	-	-
BAHAMAS	1,297	34,751,748	25	735,820	170	13,431,470	178	5,600,657
BAHRAIN	120	276,065	-	-	4	81,012	3	42,963
BANGLADESH	327	446,838	-	-	76	63,280	1	5,672
BARBADOS	68	467,653	-	-	1	7,613	13	228,190
BELGIUM	222	1,392,901	17	421,207	8	329,402	4	179,135
BELIZE	1,040	1,533,673	6	3,566	61	109,278	37	178,169
BENIN	6	1,003	-	-	-	-	-	-
BOLIVIA	136	420,356	2	1,744	16	253,579	4	12,457
BRAZIL	482	3,258,407	14	71,453	50	1,310,995	38	1,219,633
BRUNEI	65	479,972	8	465,937	2	501	-	-
BULGARIA	151	747,929	-	-	7	13,320	33	526,981
CAMBODIA	663	2,048,296	-	-	26	139,830	43	467,811
CAMEROON	61	186,825	-	-	1	169,593	-	-
CANADA	916	2,723,001	-	-	21	399,922	67	1,234,710
CAPE VERDE REPUBLIC	41	20,895	-	-	2	1,151	-	-
CHILE	532	963,966	2	22,824	6	143,633	10	195,953
CHINA	3,376	18,427,955	61	92,770	433	2,846,811	363	7,256,217
HONG KONG	901	20,507,453	22	168,488	95	4,146,480	370	11,880,707
MACAO	2	2,321	-	-	-	-	-	-
CHINA (TAIWAN)	637	3,477,144	-	-	29	907,225	48	1,531,954
COLOMBIA	121	71,131	1	1,324	8	5,962	-	-
COMOROS	105	416,739	1	956	8	71,220	7	146,487
CONGO	18	3,402	-	-	-	-	-	-
CONGO(DEMOCRATIC REPUBLIC)	20	12,918	-	-	-	-	-	-
COSTA RICA	14	4,603	-	-	-	-	-	-
COTE D'IVOIRE	33	8,958	-	-	2	789	-	-
CROATIA	259	847,734	-	-	7	5,712	25	520,132
CUBA	90	90,179	-	-	5	19,854	4	4,808
CYPRUS	1,198	22,054,166	1	4,200	106	3,449,814	417	12,145,072
DENMARK	435	320,356	2	349	3	742	-	-
DENMARK(DIS)	425	7,246,602	13	187,331	24	1,382,617	12	68,770
FAEROES	142	136,855	-	-	1	4,341	-	-
FAEROES(FAS)	11	22,839	-	-	2	2,036	-	-
DJIBOUTI	12	4,060	-	-	-	-	-	-
DOMINICA	29	39,786	-	-	3	10,972	1	399
DOMINICAN REPUBLIC	20	12,790	-	-	-	-	-	-
ECUADOR	211	324,472	3	10,399	29	217,824	-	-
EGYPT	346	1,151,430	-	-	41	222,907	14	431,962
EL SALVADOR	14	5,602	-	-	-	-	-	-
EQUATORIAL GUINEA	43	31,299	-	-	-	-	-	-
ERITREA	12	21,092	1	1,403	1	2,025	-	-
ESTONIA	178	358,218	-	-	8	8,952	2	33,004
ETHIOPIA	9	81,933	-	-	1	2,492	-	-
FIJI	49	23,145	-	-	-	-	-	-
FINLAND	280	1,452,075	2	650	9	265,337	5	59,762
FRANCE	711	1,459,752	3	114,840	12	226,781	6	2,090
FRENCH ANTARCTIC TERRITORY	116	3,285,721	7	226,631	14	1,671,286	5	359,690
FR.WALLIS & FUTUNA ISLANDS	4	113,748	-	-	-	-	-	-
GABON	45	12,697	-	-	2	652	-	-
GAMBIA	9	2,183	-	-	-	-	-	-
GEORGIA	303	814,934	1	2,314	13	38,423	21	225,378
GERMANY	782	6,111,779	3	18,366	22	48,664	2	1,034
GHANA	207	121,316	-	-	4	7,608	1	199

자료 : 한국해양수산개발원

현황 (주요국 3-1)
(Major Countries)

일반화물선 General Cargo Ship		컨테이너선 Container ship		여객선 Passenger		기타화물선 Other Cargo Ship		어선 Fishing Vessel		기타선 Others	
척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton
17,865	58,218,704	3,055	78,435,684	3,265	12,082,100	7,857	67,438,825	24,299	12,576,811	18,682	19,440,401
78	67,266	-	-	-	-	1	1,498	2	262	2	1,000
16	90,021	-	-	-	-	17	118,016	24	2,969	49	14,107
10	6,759	-	-	-	-	10	6,010	91	28,213	8	2,385
613	1,949,420	235	3,426,634	2	627	36	164,983	1	263	26	15,873
12	71,101	-	-	3	1,675	6	10,978	416	222,499	47	42,493
16	37,904	1	7,260	66	26,357	49	190,396	275	60,601	200	319,398
6	29,918	1	2,073	-	-	-	-	-	-	-	-
28	83,657	-	-	32	11,392	19	109,964	15	10,448	155	246,797
414	4,534,863	73	1,857,355	126	4,711,446	141	2,355,347	7	883	163	1,523,907
5	2,584	2	96,308	-	-	2	382	7	1,380	97	51,436
122	296,359	6	45,193	5	990	16	8,316	49	10,487	52	16,541
24	56,264	-	-	2	262	7	128,746	5	635	16	45,943
3	1,703	8	293,325	1	887	2	2,517	93	22,479	86	142,246
390	614,874	4	19,330	22	3,838	51	115,572	276	359,831	193	129,215
-	-	-	-	-	-	-	-	2	308	4	695
58	85,329	1	1,589	1	142	16	32,346	25	22,421	13	10,749
58	145,883	7	160,261	7	3,377	28	225,075	81	14,574	199	107,156
5	1,409	-	-	3	502	3	1,174	1	223	43	10,226
18	50,263	5	56,760	8	2,076	11	73,423	22	10,059	47	15,047
488	1,277,781	6	21,260	1	878	27	75,747	40	38,989	32	26,000
3	1,211	-	-	-	-	-	-	50	11,853	7	4,168
31	65,905	1	1,714	51	25,020	107	511,145	346	135,779	292	348,806
16	9,707	-	-	3	382	7	6,402	8	2,196	5	1,057
15	30,304	3	42,289	6	6,497	33	304,999	374	193,600	83	23,867
1,078	4,500,134	134	2,225,062	143	75,920	162	557,214	449	173,945	553	699,882
112	1,320,705	88	2,384,400	102	46,770	57	535,931	1	1,598	54	22,374
-	-	-	-	-	-	-	-	1	314	1	2,007
64	110,476	34	752,031	16	3,166	10	18,602	296	101,974	140	51,716
26	39,588	-	-	1	106	2	670	44	10,895	39	12,586
56	141,459	-	-	2	411	10	38,762	7	7,964	14	9,480
-	-	-	-	-	-	-	-	15	2,626	3	776
1	499	-	-	1	150	-	-	7	3,133	11	9,136
-	-	-	-	1	567	3	2,558	6	988	4	490
-	-	-	-	-	-	2	382	24	6,708	5	1,079
49	91,373	-	-	36	8,316	66	206,792	43	6,456	33	8,953
7	15,643	-	-	7	5,020	3	1,129	46	39,598	18	4,127
353	2,565,186	119	2,592,257	10	78,108	71	951,446	58	192,753	63	75,330
24	11,744	-	-	14	7,611	44	124,166	280	131,316	68	44,428
120	252,316	80	4,261,579	1	141	80	925,403	2	359	93	168,086
9	8,387	-	-	2	458	5	41,023	119	80,492	6	2,154
6	7,538	-	-	-	-	1	11,999	2	1,266	-	-
2	1,668	-	-	1	500	-	-	2	240	7	1,652
15	15,299	-	-	-	-	-	-	6	11,996	4	1,120
7	8,810	-	-	-	-	-	-	2	1,246	11	2,734
4	1,859	-	-	32	17,866	3	4,200	127	68,001	13	4,323
46	281,322	2	48,146	8	2,418	29	59,965	7	3,201	199	101,509
-	-	-	-	-	-	-	-	12	5,333	2	269
3	4,014	-	-	-	-	1	617	37	21,889	2	4,779
4	12,714	-	-	-	-	1	3,922	-	-	5	1,028
22	61,568	-	-	4	2,254	28	210,797	72	25,400	42	16,243
6	71,270	-	-	-	-	2	8,171	-	-	-	-
11	3,033	-	-	12	7,546	8	8,785	10	1,931	8	1,850
63	153,520	1	10,288	17	12,737	71	854,716	24	4,843	88	90,222
46	96,214	-	-	70	32,589	63	750,467	318	107,692	193	129,079
4	43,107	13	566,435	3	380	31	292,930	6	6,443	33	118,819
-	-	-	-	4	113,748	-	-	-	-	-	-
3	816	-	-	2	550	10	4,529	25	5,138	3	1,012
-	-	-	-	1	299	-	-	3	540	5	1,344
148	444,259	2	3,161	11	27,466	7	33,768	59	23,644	41	16,521
122	226,567	156	5,072,895	91	76,612	53	468,470	117	62,797	216	136,374
11	15,448	-	-	-	-	-	-	166	92,278	25	5,783

Source : Korea Maritime Institute

8. 세계 선박 World Fleet

선종별 Ship Type	Total		액화가스선 Liquefied Gas Ship		유조선 Oil Tanker		건화물선 Dry Bulk	
	척	톤	척	톤	척	톤	척	톤
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
GREECE	1,558	32,203,117	5	7,627	350	16,717,303	300	10,404,011
GRENADA	11	2,821	-	-	-	-	-	-
GUATEMALA	9	5,230	-	-	-	-	-	-
GUINEA	37	14,488	-	-	1	2,319	-	-
GUINEA-BISSAU	23	5,943	-	-	-	-	-	-
GUYANA	104	31,633	-	-	3	1,397	-	-
HAITI	5	1,286	-	-	-	-	-	-
HONDURAS	1,143	812,524	3	3,370	128	135,528	33	75,863
HUNGARY	2	7,568	-	-	-	-	-	-
ICELAND	301	187,362	-	-	1	372	1	415
INDIA	1,028	6,960,567	11	143,469	108	3,675,892	94	2,000,046
INDONESIA	2,700	3,840,408	6	22,152	242	895,335	49	394,873
IRAN	382	4,851,927	1	9,496	39	2,926,853	40	1,035,689
IRAQ	85	160,971	-	-	8	51,683	-	-
IRISH REPUBLIC	236	471,031	-	-	-	-	4	88,285
ISRAEL	52	766,004	-	-	4	1,270	-	-
ITALY	1,504	10,245,809	43	384,333	89	1,243,354	43	1,435,902
JAMAICA	16	56,761	-	-	1	1,930	2	44,618
JAPAN	7,151	13,561,521	175	2,846,553	699	2,871,950	518	2,742,889
JORDAN	15	224,217	-	-	1	137,227	-	-
KAZAKHSTAN	22	15,300	-	-	-	-	-	-
KENYA	38	17,803	-	-	3	4,708	-	-
KIRIBATI	8	4,198	-	-	-	-	-	-
KOREA (NORTH)	292	958,997	1	2,451	17	19,198	15	129,184
KOREA (SOUTH)	2,604	6,757,400	35	110,957	191	771,687	128	3,224,604
KUWAIT	208	2,324,290	5	218,448	23	1,684,696	6	157,671
LAOS	1	2,370	-	-	-	-	-	-
LATVIA	156	90,927	-	-	3	2,818	-	-
LEBANON	79	193,324	1	4,107	2	842	20	76,158
LIBERIA	1,553	52,434,624	77	2,295,259	307	20,357,058	305	10,466,451
LIBYA	138	156,725	3	9,809	3	6,509	-	-
LITHUANIA	176	442,103	-	-	2	2,591	9	79,865
LUXEMBOURG	59	1,005,966	5	190,275	6	332,785	-	-
MADAGASCAR	103	34,808	-	-	4	4,657	-	-
MALAYSIA	972	5,745,771	25	1,188,701	101	1,061,256	58	1,448,660
MALDIVE ISLANDS	61	63,675	-	-	9	4,648	-	-
MALTA	1,301	25,134,314	4	150,408	221	8,423,173	468	11,377,632
MARSHALL ISLANDS	515	17,628,157	8	760,672	143	9,779,242	80	3,039,958
MAURITANIA	142	47,647	-	-	-	-	-	-
MAURITIUS	49	67,634	-	-	-	-	4	9,904
MEXICO	654	972,695	5	46,944	34	459,262	1	9,306
MICRONESIA	21	18,288	-	-	-	-	2	398
MONGOLIA	124	336,836	3	3,298	6	4,100	11	63,707
MOROCCO	483	503,754	-	-	1	4,176	-	-
MOZAMBIQUE	128	36,270	-	-	-	-	-	-
MYANMAR	122	433,039	-	-	5	2,935	8	246,458
NAMIBIA	129	74,524	-	-	-	-	-	-
NETHERLANDS	1,313	5,702,641	14	47,295	15	48,462	36	293,657
NETHERLANDS ANTILLES	213	1,510,656	6	23,877	2	4,338	21	362,286
NEW ZEALAND	170	205,188	-	-	3	49,615	3	12,456
COOK ISLANDS	42	17,615	-	-	1	2,615	-	-
NICARAGUA	26	3,619	-	-	-	-	-	-
NIGERIA	311	418,688	2	1,795	38	286,967	1	9,524
NORWAY	1,548	3,512,740	2	6,402	40	1,483,517	9	87,286
NORWAY(NIS)	705	16,996,583	83	2,478,531	69	3,464,693	80	4,005,814
OMAN	23	16,041	-	-	-	-	-	-
PAKISTAN	50	321,666	-	-	5	154,741	-	-
PANAMA	6,302	125,721,658	189	4,622,700	584	26,095,031	1,507	51,413,413
PAPUA NEW GUINEA	112	73,296	-	-	5	4,671	2	3,698
PARAGUAY	44	45,108	-	-	3	2,518	1	1,156
PERU	718	223,585	-	-	3	14,703	-	-
PHILIPPINES	1,703	5,115,708	24	26,868	172	199,911	114	2,890,164

자료 : 한국해양수산개발원

현황 (주요국 3-2)
(Major Countries)

일반화물선 General Cargo Ship		컨테이너선 Container ship		여객선 Passenger		기타화물선 Other Cargo Ship		어선 Fishing Vessel		기타선 Others	
척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton
138	302,567	46	1,946,685	195	227,482	291	2,524,969	83	23,022	150	49,451
3	621	-	-	6	1,970	1	108	1	122	-	-
-	-	-	-	-	-	-	-	5	4,767	4	463
2	808	-	-	-	-	1	149	25	9,899	8	1,313
6	1,294	-	-	-	-	1	120	13	4,040	3	489
33	17,423	-	-	2	772	3	1,968	57	7,943	6	2,130
4	1,006	-	-	-	-	-	-	1	280	-	-
329	289,250	2	5,314	20	9,296	56	81,731	404	145,372	168	66,800
2	7,568	-	-	-	-	-	-	-	-	-	-
4	1,220	-	-	5	801	3	4,366	280	172,810	7	7,378
151	298,773	7	99,529	25	12,392	33	307,355	210	39,805	389	383,306
918	1,442,299	33	174,488	139	302,105	258	270,631	348	88,454	707	250,071
57	499,539	9	204,939	5	3,803	24	49,515	64	23,789	143	98,304
11	40,380	-	-	1	129	-	-	7	2,237	58	66,542
28	142,696	2	10,371	10	1,831	8	148,685	153	63,801	31	15,362
1	1,897	18	752,873	1	270	-	-	1	898	27	8,796
70	278,275	24	801,304	173	683,191	429	5,128,916	184	53,701	449	236,833
-	-	-	-	2	415	1	7,955	6	686	4	1,157
1,495	682,992	16	462,366	270	227,115	964	2,623,439	1,476	492,474	1,538	611,743
4	49,776	1	5,097	1	479	5	30,750	-	-	3	888
2	1,305	-	-	-	-	2	1,897	11	7,560	7	4,538
1	299	-	-	2	210	8	4,413	11	3,637	13	4,536
6	3,728	-	-	-	-	-	-	2	470	-	-
194	676,234	2	17,436	2	728	7	29,923	47	78,870	7	4,973
315	686,177	56	700,617	101	30,454	232	652,647	1,148	432,648	398	147,609
6	2,477	6	214,436	3	642	11	9,921	69	9,830	79	26,169
1	2,370	-	-	-	-	-	-	-	-	-	-
6	9,466	-	-	3	480	4	27,015	101	33,595	39	17,553
41	68,354	-	-	-	-	9	41,188	1	131	5	2,544
158	1,970,135	384	11,209,064	9	38,195	222	4,668,363	4	37,334	87	1,392,765
9	49,187	-	-	-	-	16	64,689	62	14,129	45	12,402
46	130,262	-	-	-	-	8	122,584	87	99,978	24	6,823
1	1,512	9	116,288	4	9,241	22	211,205	1	738	11	143,922
22	14,658	-	-	-	-	6	4,273	68	10,588	3	632
182	486,388	52	685,123	75	22,410	102	664,039	20	8,133	357	181,061
33	50,766	-	-	2	721	6	1,450	8	5,124	3	966
392	2,525,048	51	1,018,110	13	34,206	113	1,448,037	8	18,540	31	139,160
45	761,982	76	1,395,941	6	181,662	63	1,360,122	15	28,431	79	320,147
2	499	-	-	-	-	-	-	138	46,780	2	368
6	16,695	-	-	-	-	-	-	26	10,676	13	30,359
10	38,544	-	-	12	4,941	27	156,047	333	95,784	232	161,867
9	5,113	-	-	2	766	2	1,753	4	9,964	2	294
84	186,187	-	-	1	368	7	11,056	3	1,396	9	66,724
18	45,952	7	54,599	3	417	23	251,317	397	132,230	34	15,063
7	5,223	-	-	-	-	-	-	111	25,415	10	5,632
31	151,446	-	-	4	6,592	7	2,187	34	7,234	33	16,187
-	-	-	-	-	-	-	-	128	74,242	1	282
448	1,779,603	51	1,357,935	30	649,229	69	796,372	343	192,096	307	537,992
111	469,369	22	401,966	3	2,989	10	55,204	20	14,047	18	176,580
3	3,161	-	-	17	5,672	7	53,061	98	67,733	39	13,490
7	2,886	-	-	-	-	-	-	27	10,051	7	2,063
1	498	-	-	-	-	-	-	22	2,579	3	542
20	33,497	-	-	5	2,048	11	19,740	162	29,970	72	35,147
225	154,166	-	-	106	27,210	280	730,258	628	406,127	258	617,774
138	1,313,046	5	62,249	8	443,925	225	4,892,631	3	4,208	94	331,486
-	-	-	-	1	10,797	8	1,500	3	480	11	3,264
10	129,768	2	21,163	1	113	1	209	5	1,376	26	14,296
1,414	6,715,292	580	18,570,129	111	1,465,389	964	14,338,663	261	404,023	692	2,097,018
36	41,102	-	-	8	2,340	25	13,548	18	2,574	18	5,363
24	28,033	1	823	4	2,701	4	7,579	-	-	7	2,298
3	25,143	-	-	-	-	-	-	681	176,745	31	6,994
494	807,768	5	44,407	111	66,527	196	914,796	451	113,862	136	51,405

Source : Korea Maritime Institute

8. 세계 선박 World Fleet

선종별 Ship Type	Total		액화가스선 Liquefied Gas Ship		유조선 Oil Tanker		건화물선 Dry Bulk	
	척	톤	척	톤	척	톤	척	톤
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
국 가 별 Flag								
POLAND	373	282,384	-	-	7	5,391	7	126,413
PORTUGAL	331	263,868	-	-	2	965	4	85,612
PORTUGAL (MAR)	121	892,466	7	25,549	7	410,815	11	90,486
QATAR	74	561,646	-	-	5	210,010	-	-
ROMANIA	232	563,078	-	-	10	62,799	9	145,358
RUSSIA	4,950	10,430,783	1	624	369	1,683,474	105	882,440
SAINT HELENA	2	1,710	-	-	-	-	-	-
SAINT KITTS-NEVIS	1	300	-	-	-	-	-	-
SAINT VINCENT	1,219	6,318,042	5	43,443	39	284,306	126	2,780,735
SAMOA	9	10,166	-	-	-	-	-	-
SAO TOME & PRINCIPE	47	84,374	-	-	2	1,432	3	17,179
SAUDI ARABIA	285	1,363,912	-	-	28	585,459	1	49,849
SENEGAL	187	45,772	-	-	1	274	-	-
SERBIA & MONTENEGRO	6	1,061	-	-	-	-	-	-
SEYCHELLES	31	64,473	-	-	-	-	-	-
SIERRA LEONE	45	23,157	-	-	1	9,436	-	-
SINGAPORE	1,761	23,240,945	41	941,905	374	9,343,253	144	5,596,676
SLOVAKIA	4	29,235	-	-	-	-	3	23,036
SLOVENIA	8	1,737	-	-	-	-	-	-
SOLOMON ISLANDS	27	7,401	-	-	-	-	1	140
SOMALI REPUBLIC	17	6,343	-	-	1	851	-	-
SOUTH AFRICA	251	170,917	-	-	3	3,231	-	-
SPAIN	1,413	676,163	1	7,666	11	17,029	1	235
SPAIN (CSR)	200	1,974,844	5	285,086	16	585,624	9	26,334
SRI LANKA	70	140,701	1	695	7	43,086	-	-
SUDAN	16	23,899	-	-	1	832	1	1,452
SURINAM	13	5,229	-	-	3	2,031	-	-
SWEDEN	581	3,579,269	-	-	31	68,110	12	47,418
SWITZERLAND	25	588,748	-	-	-	-	15	476,679
SYRIA	178	477,186	-	-	1	1,461	24	61,841
TANZANIA	52	38,925	-	-	6	7,775	-	-
THAILAND	671	2,268,686	57	61,055	162	277,139	37	577,466
TOGO	20	15,320	-	-	-	-	-	-
TONGA	99	169,975	3	6,168	6	12,298	5	41,081
TRINIDAD & TOBAGO	76	28,095	-	-	-	-	-	-
TUNISIA	73	174,259	-	-	-	-	1	17,066
TURKEY	1,113	4,950,588	7	22,191	89	430,244	118	2,533,130
TURKMENISTAN	43	47,392	-	-	2	6,156	1	2,613
TUVALU	12	60,613	-	-	1	4,463	-	-
UKRAINE	829	1,378,806	-	-	31	34,302	6	100,203
UNITED ARAB EMIRATES	363	799,016	1	3,378	31	273,442	2	36,129
UNITED KINGDOM	1,594	10,843,724	12	634,079	79	549,189	30	895,850
UK.ANGUILLA	3	701	-	-	-	-	-	-
UK.BERMUDA	106	4,844,432	9	889,804	6	572,103	25	1,851,206
UK.BRITISH VIRGIN ISLANDS	18	87,064	1	1,374	1	63,248	-	-
UK.CAYMAN ISLANDS	159	2,801,797	1	6,356	23	957,094	23	672,087
UK.CHANNEL ISLANDS	6	950	-	-	-	-	-	-
UK.FALKLAND ISLANDS	30	52,129	-	-	-	-	-	-
UK.GIBRALTAR	151	993,022	-	-	12	128,477	5	38,828
UK.ISLE OF MAN	302	6,416,425	43	674,232	52	3,377,827	20	861,362
UK.TURKS & CAICOS ISLANDS	5	975	-	-	-	-	-	-
UNITED STATES OF AMERICA	6,185	10,408,896	-	-	61	2,158,899	71	1,334,410
URUGUAY	90	75,603	-	-	4	5,799	-	-
VANUATU	352	1,618,179	2	5,204	-	-	28	775,398
VENEZUELA	275	846,989	5	55,987	18	377,972	5	120,753
VIETNAM	735	1,250,795	6	10,900	51	241,050	18	172,090
YEMEN	50	79,464	-	-	3	51,348	-	-
UNKNOWN	4,209	4,538,218	18	15,108	288	488,009	109	1,163,804
WORLD TOTALS	89,899	605,218,368	1,180	22,768,377	6,946	159,272,859	6,750	174,984,607

자료 : 한국해양수산개발원

현황 (주요국 3-3)
(Major Countries)

일반화물선 General Cargo Ship		컨테이너선 Container ship		여객선 Passenger		기타화물선 Other Cargo Ship		어선 Fishing Vessel		기타선 Others	
척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton
9	8,355	-	-	13	3,746	17	29,225	227	75,609	93	33,645
20	41,125	4	19,369	21	8,193	7	5,773	214	78,607	59	24,224
37	112,823	3	15,355	8	54,029	34	167,989	1	284	13	15,136
3	34,333	8	184,168	-	-	8	93,844	4	674	46	38,617
37	148,322	-	-	3	2,301	7	79,754	36	51,113	130	73,431
1,226	3,073,999	22	272,699	93	66,256	60	224,844	2,318	3,257,519	756	968,928
-	-	-	-	-	-	-	-	2	1,710	-	-
1	300	-	-	-	-	-	-	-	-	-	-
489	2,119,852	28	162,625	24	32,632	93	514,896	140	161,199	275	218,354
1	7,091	-	-	1	170	4	2,451	1	213	2	241
29	37,723	-	-	-	-	6	25,347	4	1,690	3	1,003
13	96,447	4	149,368	2	579	35	393,877	23	5,082	179	83,251
1	492	-	-	1	130	2	822	175	42,696	7	1,358
-	-	-	-	1	299	3	424	-	-	2	338
5	16,307	-	-	1	207	5	25,348	17	22,103	3	508
1	490	-	-	-	-	4	1,890	32	9,377	7	1,964
98	1,212,478	182	3,836,997	54	13,335	163	1,863,325	4	820	701	432,156
1	6,199	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1	369	-	-	4	550	3	818
11	2,174	-	-	3	916	4	1,272	8	2,899	-	-
5	2,802	-	-	-	-	-	-	8	2,219	3	471
1	141	1	27,103	3	387	-	-	192	102,149	51	37,906
24	20,023	3	24,227	12	3,641	20	109,436	1,102	388,645	239	105,261
29	134,723	16	151,323	14	11,495	84	745,858	2	2,278	25	32,123
15	62,749	1	16,100	3	1,870	2	884	15	3,510	26	11,807
3	19,396	-	-	-	-	1	115	-	-	10	2,104
5	2,525	-	-	-	-	-	-	-	-	5	673
68	108,041	-	-	78	47,562	176	3,202,353	110	33,001	106	72,784
6	24,346	3	83,337	-	-	1	4,386	-	-	-	-
139	401,155	1	7,580	-	-	1	1,142	-	-	12	4,007
10	20,547	-	-	9	1,442	6	3,937	11	2,909	10	2,315
186	1,052,534	17	171,039	12	9,060	30	39,607	70	31,090	100	49,696
2	3,918	-	-	-	-	-	-	10	9,661	8	1,741
50	83,212	-	-	-	-	12	19,291	10	4,144	13	3,781
1	1,268	-	-	2	3,325	5	8,051	15	1,983	53	13,468
3	3,449	-	-	5	1,482	16	136,746	19	3,424	29	12,092
455	919,803	29	261,132	97	60,410	148	673,477	15	5,493	155	44,708
6	14,490	-	-	1	245	-	-	11	14,608	22	9,280
7	29,415	-	-	-	-	1	23,847	-	-	3	2,888
212	544,853	6	39,864	62	55,508	15	100,006	227	300,460	270	203,610
30	34,014	6	214,436	4	532	45	104,636	2	1,352	242	131,097
136	508,779	123	4,293,937	45	1,136,333	174	1,904,584	454	177,769	541	743,204
2	592	-	-	-	-	-	-	1	109	-	-
15	151,988	18	505,615	9	530,924	13	198,638	1	573	10	143,581
6	20,420	-	-	6	826	-	-	2	292	2	904
45	463,835	-	-	2	922	42	603,444	-	-	23	98,059
1	359	-	-	1	118	-	-	3	340	1	133
-	-	-	-	-	-	1	591	27	41,778	2	9,760
84	318,562	18	233,147	4	62,017	20	208,277	1	189	7	3,525
65	345,245	12	184,393	-	-	51	574,797	1	1,053	58	397,516
2	227	-	-	-	-	-	-	1	124	2	624
44	232,902	82	3,123,916	83	112,406	126	1,395,799	3,366	804,443	2,352	1,246,121
4	2,584	-	-	2	458	9	28,096	59	25,348	12	13,318
17	148,831	1	25,497	2	767	7	265,229	63	91,801	232	305,452
24	25,147	1	953	4	1,313	18	58,796	89	36,920	111	169,148
521	700,417	1	17,845	2	653	6	25,073	61	17,523	69	65,244
4	2,747	-	-	-	-	2	12,371	13	5,585	28	7,413
988	1,425,411	16	132,802	144	54,161	186	259,483	1,648	644,516	812	354,924
17,865	58,218,704	3,055	78,435,684	3,265	12,082,100	7,857	67,438,825	24,299	12,576,811	18,682	19,440,401

Source : Korea Maritime Institute

9. 세계 선박 현황 World Fleet

선령 Age	합계 Total		5년 미만 Less than 5 Years		5 ~ 10년 미만	
	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton	척 Number	톤 Gross Ton
합계 Total	89,899	605,218,368	8,808	160,560,581	10,156	119,181,078
100 ~ 199	22,596	3,400,800	1,309	196,800	1,988	300,045
200 ~ 299	9,255	2,324,555	619	154,221	813	203,797
300 ~ 399	5,958	2,079,898	508	176,121	572	198,643
400 ~ 499	6,482	3,020,774	484	224,230	741	352,601
500 ~ 999	9,503	6,977,920	433	311,270	713	512,234
1,000 ~ 1,999	7,451	10,987,485	492	749,446	529	796,153
2,000 ~ 2,999	4,493	11,295,720	454	1,135,366	514	1,317,866
3,000 ~ 3,999	3,057	10,810,932	263	913,337	373	1,337,689
4,000 ~ 4,999	2,239	10,023,594	268	1,201,797	349	1,571,577
5,000 ~ 5,999	1,340	7,366,968	160	865,633	230	1,278,360
6,000 ~ 6,999	1,100	7,097,395	201	1,292,033	202	1,299,558
7,000 ~ 7,999	782	5,877,084	112	838,314	146	1,096,711
8,000 ~ 8,999	634	5,421,731	96	823,807	100	852,039
9,000 ~ 9,999	804	7,675,697	123	1,180,067	129	1,230,813
10,000 ~ 14,999	2,716	33,704,709	314	3,981,078	387	4,935,387
15,000 ~ 19,999	2,354	40,594,797	349	6,143,162	460	7,860,820
20,000 ~ 29,999	3,337	82,942,879	849	22,008,877	681	17,382,757
30,000 ~ 39,999	2,069	74,211,531	497	17,898,576	425	15,608,456
40,000 ~ 49,999	899	39,595,915	232	9,899,378	149	6,644,369
50,000 ~ 74,999	1,337	78,426,575	502	30,249,748	295	17,148,668
75,000 ~ 99,999	895	74,856,335	333	28,378,555	238	19,490,429
100,000 ~ 124,999	124	13,607,766	31	3,438,605	28	3,067,601
125,000 ~ 149,999	160	22,642,005	19	2,778,170	16	2,353,298
150,000 ~ 174,999	303	47,936,728	156	24,785,966	78	12,341,207
175,000 ~ 199,999	5	938,590	-	-	-	-
200,000 이상	6	1,399,985	4	936,024	-	-

자료 : 한국해양수산개발원

(톤급, 선령)
(Tonnage, Age)

10 ~ 15 년 미만		15 ~ 20 년 미만		20 ~ 25 년 미만		25 년 이상	
척	톤	척	톤	척	톤	척	톤
Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
10,430	86,775,278	11,692	79,880,800	13,802	77,487,228	35,011	81,333,403
2,390	366,901	2,753	410,830	3,512	528,090	10,644	1,598,134
874	218,228	897	224,765	1,390	353,919	4,662	1,169,625
807	283,719	886	313,334	652	226,512	2,533	881,569
1,135	531,025	909	418,172	711	330,713	2,502	1,164,033
965	705,821	1,112	826,961	1,586	1,180,436	4,694	3,441,198
662	1,032,225	1,120	1,696,515	1,269	1,851,109	3,379	4,862,037
581	1,481,780	580	1,445,588	702	1,745,545	1,662	4,169,575
399	1,403,483	353	1,232,205	601	2,143,442	1,068	3,780,776
336	1,522,253	343	1,539,973	349	1,542,464	594	2,645,530
162	875,635	164	915,409	262	1,435,814	362	1,996,117
133	854,636	127	823,748	170	1,100,898	267	1,726,522
163	1,239,291	94	704,351	95	711,141	172	1,287,276
63	541,882	77	654,234	119	1,013,881	179	1,535,888
73	700,458	74	705,380	130	1,232,650	275	2,626,329
270	3,339,160	433	5,351,242	582	7,204,834	730	8,893,008
227	3,927,095	359	6,202,015	410	7,027,688	549	9,434,017
267	6,625,729	637	15,553,981	526	12,636,370	377	8,735,165
272	9,913,450	330	11,797,115	391	13,702,036	154	5,291,898
119	5,313,745	188	8,362,403	145	6,422,533	66	2,953,487
226	12,644,570	130	7,379,476	121	7,151,872	63	3,852,241
168	13,551,360	74	6,454,154	50	4,150,127	32	2,831,710
22	2,390,794	19	2,069,198	16	1,709,447	8	932,121
63	9,066,732	26	3,656,538	4	543,802	32	4,243,465
53	8,245,306	6	967,493	5	779,035	5	817,721
-	-	1	175,720	4	762,870	-	-
-	-	-	-	-	-	2	463,961

Source : Korea Maritime Institute

10.

Port State Control

1.

Total	2,893	2,070	80
Pusan	830	557	8
Incheon	427	339	7
Pyongyang	81	45	2
Donghae	98	52	2
Daesan	138	115	6
Gunsan	134	73	12
Mokpo	20	16	3
Yeosu	351	233	7
Pohang	168	132	15
Masan	228	159	6
Ulsan	405	340	12
Jeju	13	9	0

:

Source : Director General for Maritime Safety Management

2.

	2,893	2,070	80
NKK()	692	497	12
CCS()	373	314	1
	369	331	48
KRS()	325	177	1
GL()	241	125	0
LRS()	208	134	5
DNV()	206	129	2
RS()	174	151	1
ABS()	162	102	5
BV()	104	75	2
CCRS()	39	35	3

3.

	2,893	2,070	0	80
ANTIGUA AND BARBUDA	42	20	0	1
BAHAMAS	76	51	0	0
BELIZE	120	114	0	8
CHINA	293	244	0	0
CYPRUS	107	74	0	3
GERMANY	18	7	0	0
UNITED KINGDOM	16	10	0	0
GREECE	57	27	0	0
HONG KONG	95	65	0	1
INDIA	10	6	0	1
IRAN (ISLAMIC REPUBLIC OF)	12	8	0	1
JAPAN	55	43	0	0
CAMBODIA	146	137	0	16
LIBERIA	170	91	0	2
MARSHALL ISLANDS	45	26	0	0
MONGOLIA	7	7	0	3
MALTA	80	61	0	1
MALAYSIA	28	22	0	0
NETHERLANDS	10	2	0	0
NORWAY	57	36	0	1
PANAMA	929	617	0	23
PHILIPPINES	20	14	0	0
RUSSIAN FEDERATION	147	127	0	1
SINGAPORE	95	72	0	0
THAILAND	13	12	0	2
UNITED STATES	15	9	0	0
SAINT VINCENT AND THE GRENADIN	69	62	0	4
VIETNAM	23	23	0	6
OTHERS	138	83	0	6

4.

	2,893	2,070	80
BULK	608	408	9
CHEMICAL TANKER	188	142	7
CONTAINER	544	294	0
GAS CARRIER	96	60	2
OIL TANKER	203	130	4
RO-RO	15	14	0
RO-RO	28	18	0
	12	11	0
	54	35	3
	163	139	3
	38	30	2
	848	742	50
	96	47	0

5.

	7,903
	1,299
	1,217
	1,001
	919
	833
	517
SOLAS	509
	290
	279
ISM	267
	174
	148
MARPOL	84
	77
	61
	53
	53
	42
	33
	25
	22

1.
Fishing Fleet by Province,

	Total				NO.
	NO.	G.T	HP	Average Tonnage Per Boat	
1997	81,000	964,470.79	12,700,482	11.91	73,780
1998	90,997	978,333.87	13,067,043	10.75	82,803
1999	94,852	991,955.60	11,796,089	10.46	87,502
2000	95,890	923,098.97	13,597,179	9.63	89,294
2001	94,935	884,853.11	14,765,745	9.32	89,347
2002	94,388	816,563.44	17,273,940	8.65	89,327
2003	93,257	754,439.66	17,094,036	8.09	88,521
	5,643	394,162.03	2,807,049	69.85	5,505
	12	4.35	540	0.36	12
	2,450	40,349.28	550,669	16.47	2,382
	1,390	4,873.10	115,754	3.51	961
	2,335	4,301.04	203,267	1.84	1,787
	4,073	27,720.12	1,130,630	6.81	3,923
	493	192.42	21,302	0.39	392
	6,585	22,005.88	1,601,732	3.34	6,471
	4,792	18,503.72	799,364	3.86	4,653
	36,834	103,309.51	4,368,151	2.80	35,686
	4,620	33,349.27	706,478	7.22	4,209
	20,681	83,601.39	4,116,216	4.04	19,201
	3,349	22,067.55	672,884	6.59	3,339

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Size(GRT) and Type

Power Vessels			Non-Power Vessels			
G.T	HP	Average Tonnage Per Boat	NO.	G.T	Average Tonnage Per Boat	
958,155.03	12,700,482	12.99	7,220	6,315.76	0.87	1997
971,704.15	13,067,043	11.74	8,194	6,629.72	0.81	1998
986,338.98	11,796,089	11.27	7,350	5,616.62	0.76	1999
917,962.98	13,597,179	10.28	6,596	5,135.99	0.78	2000
880,467.33	14,765,745	9.85	5,588	4,385.78	0.78	2001
812,628.92	17,273,940	9.10	5,061	3,934.52	0.78	2002
750,763.42	17,094,036	8.48	4,736	3,676.24	0.78	2003
394,054.81	2,807,049	71.58	138	107.22	0.78	Busan
4.35	540	0.36	0	0.00	0.00	Taegu
40,186.22	550,669	16.87	68	163.06	2.40	Incheon
4,240.69	115,754	4.41	429	632.41	1.47	Ulsan
4,096.16	203,267	2.29	548	204.88	0.37	Gyenggi
27,628.64	1,130,630	7.04	150	91.48	0.61	Gangwon
167.26	21,302	0.43	101	25.16	0.25	Chungbuk
21,958.02	1,601,732	3.39	114	47.86	0.42	Chungnam
18,359.64	799,364	3.95	139	144.08	1.04	Jeonbuk
102,153.90	4,368,151	2.86	1,148	1,155.61	1.01	Jeonnam
33,026.11	706,478	7.85	411	323.16	0.79	Gyeongbuk
82,826.99	4,116,216	4.31	1,480	774.40	0.52	Gyeongnam
22,060.63	672,884	6.61	10	6.92	0.69	Jeju

Source: Director General for Maritime Safety Management

2. Fishing Fleet by Tonnage Groups and

		Total	1 Under 1 Ton	1 5	5 10	10 20
1997		81,000	31,356	36,162	6,329	1,600
1998		90,997	36,712	40,361	6,879	1,606
1999		94,852	38,067	42,884	7,019	1,579
2000		95,890	37,542	44,794	7,332	1,534
2001		94,935	35,013	46,424	7,662	1,416
2002		94,388	33,967	47,156	7,963	1,320
2003		93,257	33,091	47,067	8,096	1,262
		88,521	29,957	45,482	8,081	1,260
		750,763.42	19,958.45	108,662.22	62,082.47	18,310.66
		17,094,036	1,284,382	9,739,618	2,491,788	398,242
		2,737	70	34	105	170
		494,205.85	20.37	84.04	813.84	2,706.51
		2,172,291	2,322	3,501	22,091	51,435
		24,221	11,318	10,075	1,946	508
		64,559.57	7,223.23	22,203.28	14,437.20	7,319.76
		1,578,342	169,718	754,831	390,165	129,982
		61,484	18,548	35,333	6,022	577
FRP		191,571.90	12,700.96	86,290.55	46,770.57	8,211.39
		13,328,122	1,110,625	8,974,346	2,076,778	215,145
		79	21	40	8	5
		426.10	13.89	84.35	60.86	73.00
		15,281	1,717	6,940	2,754	1,680
		4,736	3,134	1,585	15	2
		3,676.24	1,213.70	2,344.93	95.54	22.07
		42	41	1	0	0
		7.88	6.86	1.02	0.00	0.00
		3,701	2,164	1,525	10	2
		3,199.62	874.99	2,238.06	64.50	22.07
		932	876	53	3	0
FRP		437.79	323.97	96.05	17.77	0.00
		61	53	6	2	0
		30.95	7.88	9.80	13.27	0.00

:

Type of Construction Material

20 30		30 50		50 100		100 200		200 200Ton and Over		
1,104		1,106		2,001		642		700		1997
1,118		1,064		1,950		613		694		1998
1,112		1,026		1,872		595		698		1999
1,040		891		1,584		518		655		2000
1,006		827		1,463		490		634		2001
998		692		1,271		422		599		2002
969		620		1,168		407		577		2003
969		620		1,168		407		577	No. }	
25,008.93		24,501.42		86,726.67		59,299.62		346,212.98	G.T }	Subtotal
839,661		285,005		652,735		433,390		969,215	HP }	
248		162		968		404		576	No. }	
6,262.70		6,523.89		72,955.79		58,940.73		345,897.98	G.T }	Steel
88,278		70,503		534,390		432,200		967,571	HP }	
167		165		41		0		1	No. }	
4,106.16		6,555.45		2,399.49		0.00		315.00	G.T }	Wooden
49,186		62,585		20,231		0		1,644	HP }	
554		288		159		3		0	No. }	
14,640.07		11,228.08		11,371.39		358.89		0.00	G.T }	FRP
702,197		149,727		98,114		1,190		0	HP }	
0		5		0		0		0	No. }	
0.00		194.00		0.00		0.00		0.00	G.T }	Other
0		2,190		0		0		0	HP }	
0		0		0		0		0	No. }	
0.00		0.00		0.00		0.00		0.00	G.T }	Subtotal
0		0		0		0		0	No. }	
0.00		0.00		0.00		0.00		0.00	G.T }	Steel
0		0		0		0		0	No. }	
0.00		0.00		0.00		0.00		0.00	G.T }	Wooden
0		0		0		0		0	No. }	
0.00		0.00		0.00		0.00		0.00	G.T }	FRP
0		0		0		0		0	No. }	
0.00		0.00		0.00		0.00		0.00	G.T }	Other

3. 2003 Fishing Fleet by Type

	Total			Power Vessels			Non-Power Vessels	
	NO.	G.T	H.p	NO.	G.T	H.p	NO.	G.T
Total	93,257	754,439.66	17,094,036	88,521	750,763.42	17,094,036	4,736	3,676.24
Distant Waters Fisheries	517	273,086.36	803,365	517	273,086.36	803,365	0	0.00
Long Line	207	82,512.82	242,043	207	82,512.82	242,043	0	0.00
Otter Trawl	186	124,041.65	340,337	186	124,041.65	340,337	0	0.00
Distant Waters Purse Seine	28	27,573.83	99,325	28	27,573.83	99,325	0	0.00
Distant Waters Floating Gill Net	2	320.98	920	2	320.98	920	0	0.00
Distant Waters Stick-Held Dip Net	5	2,266.89	8,400	5	2,266.89	8,400	0	0.00
Distant Waters Angling	72	32,474.50	97,935	72	32,474.50	97,935	0	0.00
Distant Waters Trap	7	1,713.88	5,620	7	1,713.88	5,620	0	0.00
Others	10	2,181.81	8,785	10	2,181.81	8,785	0	0.00
Off-Shore Fisheries	4,166	185,773.09	2,420,936	4,166	185,773.09	2,420,936	0	0.00
Trawl Large(One Boat)	48	3,898.51	22,587	48	3,898.51	22,587	0	0.00
Trawl Large(Two Boat)	131	15,358.61	127,375	131	15,358.61	127,375	0	0.00
Eastern Sea Danish Sein	8	448.24	3,907	8	448.24	3,907	0	0.00
Trawl Medium(One Boat)	75	4,422.33	32,619	75	4,422.33	32,619	0	0.00
Trawl Medium(Two Boat)	20	791.00	9,146	20	791.00	9,146	0	0.00
Large Otter Trawl	60	8,245.91	84,697	60	8,245.91	84,697	0	0.00
Eastern Sea Trawl	33	1,778.31	20,408	33	1,778.31	20,408	0	0.00
Large Powered Purse Seines	210	28,463.36	246,957	210	28,463.36	246,957	0	0.00
Small Powered Purse Seines	86	1,446.53	29,396	86	1,446.53	29,396	0	0.00
Off-Shore Angling	663	24,776.26	740,468	663	24,776.26	740,468	0	0.00
Anchovy Drag Net	516	18,386.51	188,529	516	18,386.51	188,529	0	0.00
Off-Shore Gill Net	643	18,640.83	246,989	643	18,640.83	246,989	0	0.00
Large Stow Net	382	26,332.48	177,385	382	26,332.48	177,385	0	0.00
Off-Shore Stick-held Dip Net	6	141.77	2,454	6	141.77	2,454	0	0.00
Diving	208	883.37	61,390	208	883.37	61,390	0	0.00
Off-Shore Trap	279	14,310.57	137,240	279	14,310.57	137,240	0	0.00

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of Fishery in 2003

	Total			Power Vessels			Non-Power Vessels	
	NO.	G.T	H.p	NO.	G.T	H.p	NO.	G.T
Off-Shore Long Line	76	938.70	20,306	76	938.70	20,306	0	0.00
Off-Shore Long Line	722	16,509.80	269,083	722	16,509.80	269,083	0	0.00
Coastal Fisheries	62,532	159,292.79	11,149,253	59,820	157,358.47	11,149,253	2,712	1,934.32
Coastal Gill Net	19,693	50,183.32	4,066,242	19,056	49,775.14	4,066,242	637	408.18
Small Stow Net	414	2,283.07	100,154	397	2,237.86	100,154	17	45.21
Coastal Dredge Nets	0	0.00	0	0	0.00	0	0	0.00
Coastal Purse Seines	480	2,703.68	114,897	463	2,689.17	114,897	17	14.51
Coastal Long Line	0	0.00	0	0	0.00	0	0	0.00
Coastal Angling	0	0.00	0	0	0.00	0	0	0.00
Coastal Trap	7,286	19,274.87	983,879	7,204	19,209.83	983,879	82	65.04
Coastal Lift Nets	228	707.82	28,345	203	677.42	28,345	25	30.40
Coastal Beam Trawl	404	1,753.14	77,355	404	1,753.14	77,355	0	0.00
Coastal Drag Nets	7	20.91	1,188	7	20.91	1,188	0	0.00
Coastal Multi Fishery	32,148	76,545.37	5,581,220	30,457	75,502.29	5,581,220	1,691	1,043.08
Sectional Fishery(Setting)	629	1,336.17	62,677	583	1,231.72	62,677	46	104.45
Sectional Fishery(Non-Setting)	597	793.71	45,779	492	753.72	45,779	105	39.99
SetNets	574	3,546.80	79,002	483	3,364.06	79,002	91	182.74
Coastal Others	72	143.93	8,515	71	143.21	8,515	1	0.72
Culture	19,228	28,033.84	1,946,146	18,590	27,316.46	1,946,146	638	717.38
Shallow Sea Culture	19,228	28,033.84	1,946,146	18,590	27,316.46	1,946,146	638	717.38
Inland Waters Fisheries	4,510	3,941.44	258,030	3,737	3,697.22	258,030	773	244.22
Inland Waters Fisheries	4,510	3,941.44	258,030	3,737	3,697.22	258,030	773	244.22
Others	2,304	104,312.14	516,306	1,691	103,531.82	516,306	613	780.32
Fish Carrier	171	46,044.00	134,983	171	46,044.00	134,983	0	0.00
Patrol Boats	164	15,137.47	98,798	164	15,137.47	98,798	0	0.00
Experiment & Education Boats	48	12,333.34	39,641	47	12,332.34	39,641	1	1.00
Others	1,921	30,797.33	242,884	1,309	30,018.01	242,884	612	779.32

Source: Director General for Maritime Safety Management

4. 2003 Number of Fishing Vessels by Type of Fishery, Tonnage

	Total					Total					1 Under 1 Tons				
	Total	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
		93,257	2,779	27,922	62,416	140	4,736	42	3,701	932	61	3,134	41	2,164	876	53
	517	516	1	0	0	0	0	0	0	0	0	0	0	0	0
	207	207	0	0	0	0	0	0	0	0	0	0	0	0	0
	186	185	1	0	0	0	0	0	0	0	0	0	0	0	0
	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	72	72	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	4,166	1,708	797	1,654	7	0	0	0	0	0	0	0	0	0	0
()	48	38	1	9	0	0	0	0	0	0	0	0	0	0	0
()	131	129	1	1	0	0	0	0	0	0	0	0	0	0	0
	8	6	1	1	0	0	0	0	0	0	0	0	0	0	0
()	75	51	5	19	0	0	0	0	0	0	0	0	0	0	0
()	20	2	4	14	0	0	0	0	0	0	0	0	0	0	0
	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0
	33	27	3	3	0	0	0	0	0	0	0	0	0	0	0
	210	209	0	1	0	0	0	0	0	0	0	0	0	0	0
	86	26	32	28	0	0	0	0	0	0	0	0	0	0	0
	663	114	88	461	0	0	0	0	0	0	0	0	0	0	0
	516	488	13	14	1	0	0	0	0	0	0	0	0	0	0
	643	157	206	280	0	0	0	0	0	0	0	0	0	0	0
	382	306	11	64	1	0	0	0	0	0	0	0	0	0	0
	6	2	1	3	0	0	0	0	0	0	0	0	0	0	0
	208	0	10	198	0	0	0	0	0	0	0	0	0	0	0
	279	66	76	137	0	0	0	0	0	0	0	0	0	0	0
	76	1	53	20	2	0	0	0	0	0	0	0	0	0	0
	722	26	292	401	3	0	0	0	0	0	0	0	0	0	0
	62,532	110	17,818	44,515	89	2,712	0	2,268	411	33	2,101	0	1,702	369	30
	19,693	72	5,878	13,724	19	637	0	548	87	2	513	0	431	80	2
	414	1	123	287	3	17	0	16	0	1	1	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	480	2	115	363	0	17	0	16	1	0	7	0	7	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7,286	3	2,552	4,723	8	82	0	63	18	1	61	0	44	17	0
	228	0	103	125	0	25	0	25	0	0	7	0	7	0	0
	404	0	70	334	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0
	32,148	22	8,196	23,872	58	1,691	0	1,386	276	29	1,349	0	1,070	251	28
()	629	3	222	404	0	46	0	40	6	0	20	0	15	5	0
()	597	0	213	383	1	105	0	93	12	0	102	0	90	12	0
	574	7	338	229	0	91	0	81	10	0	40	0	37	3	0
	72	0	8	64	0	1	0	0	1	0	1	0	0	1	0
	19,228	16	7,319	11,884	9	638	1	613	23	1	155	0	138	17	0
	19,228	16	7,319	11,884	9	638	1	613	23	1	155	0	138	17	0
	4,510	100	815	3,583	12	773	38	327	399	9	736	38	295	394	9
	4,510	100	815	3,583	12	773	38	327	399	9	736	38	295	394	9
	2,304	329	1,172	780	23	613	3	493	99	18	142	3	29	96	14
	171	96	60	15	0	0	0	0	0	0	0	0	0	0	0
	164	49	2	113	0	0	0	0	0	0	0	0	0	0	0
	48	26	3	19	0	1	0	0	1	0	0	0	0	0	0
	1,921	158	1,107	633	23	612	3	493	98	18	142	3	29	96	14

Groups and Type of Construction Material in 2003

Non-Power Vessels															
1 5					5 10					10 20					
Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	
1,585	1	1,525	53	6	15	0	10	3	2	2	0	2	0	0	T o t a l
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Fisheries
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Long Line
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Otter Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Purse Seine
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Floating Gill Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Stick-Held Dip Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Angling
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Distant Waters Trap
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Others
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Fisheries
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Trawl Large(One Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Trawl Large(Two Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Eastern Sea Danish Sein
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Trawl Medium(One Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Trawl Medium(Two Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Large Otter Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Eastern Sea Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Large Powered Purse Seines
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Small Powered Purse Seines
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Angling
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Anchovy Drag Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Gill Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Large Stow Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Stick-held Dip Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Diving
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Trap
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Long Line
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Off-Shore Long Line
598	0	557	39	2	12	0	8	3	1	1	0	1	0	0	Coastal Fisheries
123	0	116	7	0	1	0	1	0	0	0	0	0	0	0	Coastal Gill Net
14	0	14	0	0	2	0	1	0	1	0	0	0	0	0	Small Stow Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Dredge Nets
10	0	9	1	0	0	0	0	0	0	0	0	0	0	0	Coastal Purse Seines
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Long Line
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Angling
20	0	19	0	1	1	0	0	1	0	0	0	0	0	0	Coastal Trap
18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Lift Nets
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Beam Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Drag Nets
342	0	316	25	1	0	0	0	0	0	0	0	0	0	0	Coastal Multi Fishery
19	0	19	0	0	6	0	5	1	0	1	0	1	0	0	Sectional Fishery(Setting)
3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	Sectional Fishery(Non-Setting)
49	0	43	6	0	2	0	1	1	0	0	0	0	0	0	SetNets
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Coastal Others
482	1	474	6	1	1	0	1	0	0	0	0	0	0	0	Culture
482	1	474	6	1	1	0	1	0	0	0	0	0	0	0	Shallow Sea Culture
36	0	31	5	0	1	0	1	0	0	0	0	0	0	0	Inland Water Fisheries
36	0	31	5	0	1	0	1	0	0	0	0	0	0	0	Inland Water Fisheries
469	0	463	3	3	1	0	0	0	1	1	0	1	0	0	Others
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Fish Carrier
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Patrol Boats
1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	Experiment & Education Boats
468	0	463	2	3	1	0	0	0	1	1	0	1	0	0	Others

Source: Director General for Maritime Safety Management

4. 2003 Number of Fishing Vessels by Type of Fishery, Tonnage

	Non-Power Vessels														
	20					Total					1 Under 1 Tons				
	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
	0	0	0	0	0	88,521	2,737	24,221	61,484	79	29,957	70	11,318	18,548	21
	0	0	0	0	0	517	516	1	0	0	0	0	0	0	0
	0	0	0	0	0	207	207	0	0	0	0	0	0	0	0
	0	0	0	0	0	186	185	1	0	0	0	0	0	0	0
	0	0	0	0	0	28	28	0	0	0	0	0	0	0	0
	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
	0	0	0	0	0	72	72	0	0	0	0	0	0	0	0
	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0
	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0
	0	0	0	0	0	4,166	1,708	797	1,654	7	0	0	0	0	0
()	0	0	0	0	0	48	38	1	9	0	0	0	0	0	0
()	0	0	0	0	0	131	129	1	1	0	0	0	0	0	0
	0	0	0	0	0	8	6	1	1	0	0	0	0	0	0
()	0	0	0	0	0	75	51	5	19	0	0	0	0	0	0
()	0	0	0	0	0	20	2	4	14	0	0	0	0	0	0
	0	0	0	0	0	60	60	0	0	0	0	0	0	0	0
	0	0	0	0	0	33	27	3	3	0	0	0	0	0	0
	0	0	0	0	0	210	209	0	1	0	0	0	0	0	0
	0	0	0	0	0	86	26	32	28	0	0	0	0	0	0
	0	0	0	0	0	663	114	88	461	0	0	0	0	0	0
	0	0	0	0	0	516	488	13	14	1	0	0	0	0	0
	0	0	0	0	0	643	157	206	280	0	0	0	0	0	0
	0	0	0	0	0	382	306	11	64	1	0	0	0	0	0
	0	0	0	0	0	6	2	1	3	0	0	0	0	0	0
	0	0	0	0	0	208	0	10	198	0	0	0	0	0	0
	0	0	0	0	0	279	66	76	137	0	0	0	0	0	0
	0	0	0	0	0	76	1	53	20	2	0	0	0	0	0
	0	0	0	0	0	722	26	292	401	3	0	0	0	0	0
	0	0	0	0	0	59,820	110	15,550	44,104	56	17,323	8	6,044	11,258	13
	0	0	0	0	0	19,056	72	5,330	13,637	17	5,190	1	1,883	3,305	1
	0	0	0	0	0	397	1	107	287	2	28	0	14	14	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	463	2	99	362	0	16	0	3	13	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	7,204	3	2,489	4,705	7	1,516	0	691	824	1
	0	0	0	0	0	203	0	78	125	0	59	0	35	24	0
	0	0	0	0	0	404	0	70	334	0	8	0	3	5	0
	0	0	0	0	0	7	0	0	7	0	2	0	0	2	0
	0	0	0	0	0	30,457	22	6,810	23,596	29	9,990	6	3,264	6,710	10
()	0	0	0	0	0	583	3	182	398	0	196	1	53	142	0
()	0	0	0	0	0	492	0	120	371	1	254	0	85	168	1
	0	0	0	0	0	483	7	257	219	0	51	0	11	40	0
	0	0	0	0	0	71	0	8	63	0	13	0	2	11	0
	0	0	0	0	0	18,590	15	6,706	11,861	8	9,290	3	4,580	4,700	7
	0	0	0	0	0	18,590	15	6,706	11,861	8	9,290	3	4,580	4,700	7
	0	0	0	0	0	3,737	62	488	3,184	3	2,769	55	353	2,361	0
	0	0	0	0	0	3,737	62	488	3,184	3	2,769	55	353	2,361	0
	0	0	0	0	0	1,691	326	679	681	5	575	4	341	229	1
	0	0	0	0	0	171	96	60	15	0	0	0	0	0	0
	0	0	0	0	0	164	49	2	113	0	47	0	0	47	0
	0	0	0	0	0	47	26	3	18	0	2	0	1	1	0
	0	0	0	0	0	1,309	155	614	535	5	526	4	340	181	1

Groups and Type of Construction Material in 2003 (Cont'd)

Power Vessels															
1 5					5 10					10 20					
Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	
45,482	34	10,075	35,333	40	8,081	105	1946	6,022	8	1,260	170	508	577	5	T o t a l
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Fisheries
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Long Line
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Otter Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Purse Seine
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Floating Gill Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Stick-Held Dip Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Angling
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Distant Waters Trap
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Others
218	1	14	203	0	195	13	72	110	0	998	150	410	434	4	Off-Shore Fisheries
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Trawl Large(One Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Trawl Large(Two Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Eastern Sea Danish Sein
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Trawl Medium(One Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Trawl Medium(Two Boat)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Large Otter Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Eastern Sea Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Large Powered Purse Seines
0	0	0	0	0	9	0	0	9	0	62	11	32	19	0	0 Small Powered Purse Seines
0	0	0	0	0	15	0	2	13	0	171	3	57	111	0	0 Off-Shore Angling
6	0	2	4	0	2	1	0	1	0	103	95	6	2	0	0 Anchovy Drag Net
0	0	0	0	0	59	12	25	22	0	243	26	116	101	0	0 Off-Shore Gill Net
0	0	0	0	0	3	0	0	3	0	54	1	4	49	0	0 Large Stow Net
0	0	0	0	0	1	0	0	1	0	2	0	1	1	0	0 Off-Shore Stick-held Dip Net
206	0	10	196	0	2	0	0	2	0	0	0	0	0	0	0 Diving
0	0	0	0	0	14	0	3	11	0	47	2	18	27	0	0 Off-Shore Trap
6	1	2	3	0	21	0	10	11	0	48	0	40	6	2	0 Off-Shore Long Line
0	0	0	0	0	69	0	32	37	0	268	12	136	118	2	0 Off-Shore Long Line
35,057	20	7,772	27,228	37	7,339	75	1690	5,568	6	94	4	42	48	0	0 Coastal Fisheries
11,569	11	2,804	8,740	14	2,297	60	643	1,592	2	0	0	0	0	0	0 Coastal Gill Net
126	1	53	70	2	243	0	40	203	0	0	0	0	0	0	0 Small Stow Net
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Dredge Nets
169	1	44	124	0	278	1	52	225	0	0	0	0	0	0	0 Coastal Purse Seines
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Long Line
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Angling
4,952	1	1,545	3,401	5	736	2	253	480	1	0	0	0	0	0	0 Coastal Trap
95	0	38	57	0	49	0	5	44	0	0	0	0	0	0	0 Coastal Lift Nets
262	0	48	214	0	134	0	19	115	0	0	0	0	0	0	0 Coastal Beam Trawl
4	0	0	4	0	1	0	0	1	0	0	0	0	0	0	0 Coastal Drag Nets
17,093	6	3,007	14,064	16	3,374	10	539	2,822	3	0	0	0	0	0	0 Coastas Multi Fishery
350	0	109	241	0	37	2	20	15	0	0	0	0	0	0	0 Sectional Fishery(Setting)
235	0	33	202	0	3	0	2	1	0	0	0	0	0	0	0 Sectional Fishery(Non-Setting)
149	0	85	64	0	182	0	117	65	0	94	4	42	48	0	0 SetNets
53	0	6	47	0	5	0	0	5	0	0	0	0	0	0	0 Coastal Others
8,835	3	1,979	6,853	0	388	1	126	260	1	69	4	21	44	0	0 Culture
8,835	3	1,979	6,853	0	388	1	126	260	1	69	4	21	44	0	0 Shallow Sea Culture
929	6	125	796	2	36	0	8	27	1	3	1	2	0	0	0 Inland Water Fisheries
929	6	125	796	2	36	0	8	27	1	3	1	2	0	0	0 Inland Water Fisheries
443	4	185	253	1	123	16	50	57	0	96	11	33	51	1	0 Others
2	0	1	1	0	8	4	2	2	0	11	1	6	4	0	0 Fish Carrier
6	0	1	5	0	15	0	0	15	0	14	2	0	12	0	0 Patrol Boats
3	0	0	3	0	7	0	2	5	0	9	0	0	9	0	0 Experiment & Education Boats
432	4	183	244	1	93	12	46	35	0	62	8	27	26	1	0 Others

4. 2003
Number of Fishing Vessels by Type of Fishery, Tonnage

	Power									
	20 50					50 100				
	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
	1,589	410	332	842	5	1,168	968	41	159	0
	0	0	0	0	0	21	21	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	17	17	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	4	4	0	0	0
	1,408	355	283	767	3	1,022	866	18	138	0
()	1	0	0	1	0	44	35	1	8	0
()	0	0	0	0	0	45	43	1	1	0
	3	1	1	1	0	5	5	0	0	0
()	24	3	5	16	0	51	48	0	3	0
()	18	1	3	14	0	2	1	1	0	0
	0	0	0	0	0	1	1	0	0	0
	6	0	3	3	0	27	27	0	0	0
	19	19	0	0	0	59	58	0	1	0
	14	14	0	0	0	1	1	0	0	0
	333	10	25	298	0	125	84	4	37	0
	277	264	5	7	1	128	128	0	0	0
	243	27	64	152	0	95	89	1	5	0
	25	6	7	11	1	278	277	0	1	0
	2	2	0	0	0	1	0	0	1	0
	0	0	0	0	0	0	0	0	0	0
	71	1	46	24	0	146	62	9	75	0
	1	0	1	0	0	0	0	0	0	0
	371	7	123	240	1	14	7	1	6	0
	7	3	2	2	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
()	0	0	0	0	0	0	0	0	0	0
()	0	0	0	0	0	0	0	0	0	0
	7	3	2	2	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	8	4	0	4	0	0	0	0	0	0
	8	4	0	4	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	166	48	47	69	2	125	81	23	21	0
	44	12	28	4	0	53	26	23	4	0
	42	11	1	30	0	14	10	0	4	0
	4	4	0	0	0	3	3	0	0	0
	76	21	18	35	2	55	42	0	13	0

()

Groups and Type of Construction Material in 2003(Cont'd)

Vessels										
100					200					
Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	
407	404	0	3	0	577	576	1	0	0	T o t a l
49	49	0	0	0	447	446	1	0	0	Distant Waters Fisheries
1	1	0	0	0	206	206	0	0	0	Long Line
41	41	0	0	0	128	127	1	0	0	Otter Trawl
0	0	0	0	0	28	28	0	0	0	Distant Waters Purse Seine
2	2	0	0	0	0	0	0	0	0	Distant Waters Floating Gill Net
0	0	0	0	0	5	5	0	0	0	Distant Waters Stick-Held Dip Net
2	2	0	0	0	70	70	0	0	0	Distant Waters Angling
1	1	0	0	0	6	6	0	0	0	Distant Waters Trap
2	2	0	0	0	4	4	0	0	0	Others
301	299	0	2	0	24	24	0	0	0	Off-Shore Fisheries
3	3	0	0	0	0	0	0	0	0	Trawl Large(One Boat)
86	86	0	0	0	0	0	0	0	0	Trawl Large(Two Boat)
0	0	0	0	0	0	0	0	0	0	Eastern Sea Danish Sein
0	0	0	0	0	0	0	0	0	0	Trawl Medium(One Boat)
0	0	0	0	0	0	0	0	0	0	Trawl Medium(Two Boat)
59	59	0	0	0	0	0	0	0	0	Large Otter Trawl
0	0	0	0	0	0	0	0	0	0	Eastern Sea Trawl
108	108	0	0	0	24	24	0	0	0	Large Powered Purse Seines
0	0	0	0	0	0	0	0	0	0	Small Powered Purse Seines
19	17	0	2	0	0	0	0	0	0	Off-Shore Angling
0	0	0	0	0	0	0	0	0	0	Anchovy Drag Net
3	3	0	0	0	0	0	0	0	0	Off-Shore Gill Net
22	22	0	0	0	0	0	0	0	0	Large Stow Net
0	0	0	0	0	0	0	0	0	0	Off-Shore Stick-held Dip Net
0	0	0	0	0	0	0	0	0	0	Diving
1	1	0	0	0	0	0	0	0	0	Off-Shore Trap
0	0	0	0	0	0	0	0	0	0	Off-Shore Long Line
0	0	0	0	0	0	0	0	0	0	Off-Shore Long Line
0	0	0	0	0	0	0	0	0	0	Coastal Fisheries
0	0	0	0	0	0	0	0	0	0	Coastal Gill Net
0	0	0	0	0	0	0	0	0	0	Small Stow Net
0	0	0	0	0	0	0	0	0	0	Coastal Dredge Nets
0	0	0	0	0	0	0	0	0	0	Coastal Purse Seines
0	0	0	0	0	0	0	0	0	0	Coastal Long Line
0	0	0	0	0	0	0	0	0	0	Coastal Angling
0	0	0	0	0	0	0	0	0	0	Coastal Trap
0	0	0	0	0	0	0	0	0	0	Coastal Lift Nets
0	0	0	0	0	0	0	0	0	0	Coastal Beam Trawl
0	0	0	0	0	0	0	0	0	0	Coastal Drag Nets
0	0	0	0	0	0	0	0	0	0	Coastas Multi Fishery
0	0	0	0	0	0	0	0	0	0	Sectional Fishery(Setting)
0	0	0	0	0	0	0	0	0	0	Sectional Fishery(Non-Setting)
0	0	0	0	0	0	0	0	0	0	SetNets
0	0	0	0	0	0	0	0	0	0	Coastal Others
0	0	0	0	0	0	0	0	0	0	Culture
0	0	0	0	0	0	0	0	0	0	Shallow Sea Culture
0	0	0	0	0	0	0	0	0	0	Inland Water Fisheries
0	0	0	0	0	0	0	0	0	0	Inland Water Fisheries
57	56	0	1	0	106	106	0	0	0	Others
23	23	0	0	0	30	30	0	0	0	Fish Carrier
7	7	0	0	0	19	19	0	0	0	Patrol Boats
4	4	0	0	0	15	15	0	0	0	Experiment & Education Boats
23	22	0	1	0	42	42	0	0	0	Others

5.

Number of Fishing Vessels by Age Groups, Tonnage Group and Type of Construction Material

		Total	5 Under 5 Years	6 10	11 15	16 20	21 21Years and Over
	1997	81,000	30,510	22,559	12,512	7,942	7,477
	1998	90,997	37,139	23,836	14,241	7,777	8,004
	1999	96,852	39,334	24,338	15,073	8,665	9,442
	2000	95,890	39,230	25,405	15,272	6,483	9,500
	2001	94,935	37,448	25,963	16,155	6,471	8,898
	2002	94,388	36,030	25,447	17,054	7,145	8,712
	2003	93,257	30,174	29,019	17,127	7,763	9,174
	Steel	2,779	184	481	424	682	1,008
	Power Vessels	2,737	174	466	408	682	1,007
0	1	70	15	35	11	4	5
1	5	34	6	11	4	2	11
5	10	105	38	57	7	1	2
10	20	170	21	25	9	92	23
20	50	410	22	51	81	141	115
50	100	968	55	190	79	269	375
100	200	404	7	82	87	89	139
200		576	10	15	130	84	337
	Non-Power Vessels	42	10	15	16	0	1
0	1	41	10	15	16	0	0
1	5	1	0	0	0	0	1
5		0	0	0	0	0	0
	Wooden	27,922	1,834	5,158	8,043	5,016	7,871
	Power Vessels	24,221	1,490	3,890	7,686	4,766	6,389
0	1	11,318	930	2,113	3,550	1,658	3,067
1	5	10,075	390	1,353	2,988	2,410	2,934
5	10	1,946	149	313	817	439	228
10	20	508	19	54	176	161	98
20	50	332	2	39	138	97	56
50	100	41	0	18	16	1	6
100	200	0	0	0	0	0	0
200		1	0	0	1	0	0
	Non-Power Vessels	3,701	344	1,268	357	250	1,482
0	1	2,164	330	1,192	315	188	139
1	5	1,525	12	73	38	61	1,341
5		12	2	3	4	1	2
	F. R. P.	62,416	28,091	23,334	8,643	2,060	288
	Power Vessels	61,484	27,657	22,935	8,580	2,034	278
0	1	18,548	6,914	7,477	2,984	1,082	91
1	5	35,333	17,241	12,389	4,797	747	159
5	10	6,022	2,828	2,427	597	153	17
10	20	577	287	186	72	25	7
20	50	842	326	384	118	10	4
50	100	159	60	72	12	15	0
100	200	3	1	0	0	2	0
200		0	0	0	0	0	0
	Non-Power Vessels	932	434	399	63	26	10
0	1	876	409	384	57	21	5
1	5	53	24	13	6	5	5
5		3	1	2	0	0	0
	Other	140	65	46	17	5	7
	Power Vessels	79	42	13	15	5	4
0	1	21	7	7	7	0	0
1	5	40	30	1	3	4	2
5	10	8	3	2	1	1	1
10	20	5	1	2	2	0	0
20	50	5	1	1	2	0	1
50	100	0	0	0	0	0	0
100	200	0	0	0	0	0	0
200		0	0	0	0	0	0
	Non-Power Vessels	61	23	33	2	0	3
0	1	53	21	30	2	0	0
1	5	6	1	2	0	0	3
5		2	1	1	0	0	0

Source: Director General for Maritime Safety Management

6. 2003

Number of Fishing Vessels by Type of Fishery and Groups in 2003

	Total	5 Under 5 Years	6 ~ 10	11 ~ 15	16 ~ 20	21 21 Years and Over
Total	93,257	30,174	29,019	17,127	7,763	9,174
Distant Waters Fisheries	517	2	4	120	82	309
Long Line	207	0	0	92	53	62
Otter Trawl	186	1	4	12	22	147
Distant Waters Purse Seine	28	1	0	4	0	23
Distant Waters Floating Gill Net	2	0	0	0	0	2
Distant Waters Stick-Held Dip Net	5	0	0	0	0	5
Distant Waters Angling	72	0	0	11	7	54
Distant Waters Trap	7	0	0	0	0	7
Others	10	0	0	1	0	9
Off-Shore Fisheries	4,166	762	1,114	761	867	662
() Trawl Large(One Boat)	48	0	4	6	4	34
() Trawl Large(Two Boat)	131	4	30	35	18	44
Eastern Sea Danish Sein	8	1	0	1	0	6
() Trawl Medium(One Boat)	75	0	6	17	18	34
() Trawl Medium(Two Boat)	20	0	5	12	3	0
Large Otter Trawl	60	1	45	13	0	1
Eastern Sea Trawl	33	7	3	3	6	14
Large Powered Purse Seines	210	1	7	46	68	88
Small Powered Purse Seines	86	21	21	3	27	14
Off-Shore Angling	663	126	268	104	108	57
Anchovy Drag Net	516	17	54	108	241	96
Off-Shore Gill Net	643	141	194	136	82	90
Large Stow Net	382	53	79	22	128	100
Off-Shore Stick-held Dip Net	6	1	2	1	2	0
Diving	208	94	97	11	4	2
Off-Shore Trap	279	75	105	46	31	22
Off-Shore Long Line	76	10	6	30	12	18
Off-Shore Long Line	722	210	188	167	115	42
Coastal Fisheries	62,532	22,621	21,241	10,553	4,747	3,370
Coastal Gill Net	19,693	6,824	6,888	3,334	1,441	1,206
Small Stow Net	414	143	143	53	17	58
Coastal Dredge Nets	0	0	0	0	0	0
Coastal Purse Seines	480	107	225	89	42	17
Coastal Long Line	0	0	0	0	0	0
Coastal Angling	0	0	0	0	0	0
Coastal Trap	7,286	1,965	2,339	1,563	924	495
Coastal Lift Nets	228	49	98	27	17	37
Coastal Beam Trawl	404	7	134	167	84	12
Coastal Drag Nets	7	4	3	0	0	0
Coastal Multi Fishery	32,148	13,106	10,479	5,046	2,094	1,423
() Sectional Fishery(Setting)	629	102	335	117	39	36
() Sectional Fishery(Non-Setting)	597	107	412	57	17	4
SetNets	574	155	174	95	71	79
Coastal Others	72	52	11	5	1	3
Culture	19,228	4,256	4,710	4,857	1,613	3,792
Shallow Sea Culture	19,228	4,256	4,710	4,857	1,613	3,792
Inland Water Fisheries	4,510	2,187	1,486	496	181	160
Inland Water Fisheries	4,510	2,187	1,486	496	181	160
Others	2,304	346	464	340	273	881
Fish Carrier	171	11	31	25	19	85
Patrol Boats	164	19	55	73	4	13
Experiment & Education Boats	48	8	13	9	6	12
Others	1,921	308	365	233	244	771

Source: Director General for Maritime Safety Management

7.

Number of Fishing Vessels by Engine Type, Type of Construction Material, and Tonnage Groups

		Total	Diesel Engine	Hot-bulb Engine	가 Gasoline Engine	Others
1997		73,780	31,286	568	9,329	32,597
1998		82,803	32,981	123	12,044	37,655
1999		87,503	32,216	0	18,141	37,146
2000		89,294	30,914	0	21,147	37,233
2001		89,345	29,566	0	23,436	36,343
2002		89,327	28,672	0	24,918	35,737
2003		88,521	28,089	0	26,124	34,308
Steel		2,737	2,602	0	49	86
0	1	70	7	0	47	16
1	5	34	15	0	2	17
5	10	105	75	0	0	30
10	20	170	151	0	0	19
20	50	410	406	0	0	4
50	100	968	968	0	0	0
100	200	404	404	0	0	0
200		576	576	0	0	0
Wooden		24,221	8,499	0	1,570	14,152
0	1	11,318	2,820	0	1,449	7,049
1	5	10,075	4,241	0	121	5,713
5	10	1,946	751	0	0	1,195
10	20	508	325	0	0	183
20	50	332	320	0	0	12
50	100	41	41	0	0	0
100	200	0	0	0	0	0
200		1	1	0	0	0
F. R. P.		61,484	16,966	0	24,461	20,057
0	1	18,548	1,515	0	14,343	2,690
1	5	35,333	10,002	0	10,118	15,213
5	10	6,022	3,949	0	0	2,073
10	20	577	505	0	0	72
20	50	842	833	0	0	9
50	100	159	159	0	0	0
100	200	3	3	0	0	0
200		0	0	0	0	0
Other		79	22	0	44	13
0	1	21	1	0	16	4
1	5	40	3	0	28	9
5	10	8	8	0	0	0
10	20	5	5	0	0	0
20	50	5	5	0	0	0
50	100	0	0	0	0	0
100	200	0	0	0	0	0
200		0	0	0	0	0

Source: Director General for Maritime Safety Management

8. 2003
Fishing Fleet by Province and Tonnage Groups in 2003

	Total	¹ Under 1 Ton	1 5	5 10	10 20	20 30	30 50	50 100	100 200	200 Ton and Over
1997	81,000	31,356	36,162	6,329	1,600	1,104	1,106	2,001	642	700
1998	90,997	36,712	40,361	6,879	1,606	1,118	1,064	1,950	613	694
1999	94,852	38,067	42,884	7,019	1,579	1,112	1,026	1,872	595	698
2000	95,890	37,542	44,794	7,332	1,534	1,040	891	1,584	518	655
2001	94,935	35,013	46,424	7,662	1,416	1,006	827	1,463	490	634
2002	94,388	33,967	47,156	7,963	1,320	998	692	1,271	422	599
2003	93,257	33,091	47,067	8,096	1,262	969	620	1,168	407	577
Busan	5,643	2,132	2,017	274	78	75	70	154	306	537
Taegu	12	12	0	0	0	0	0	0	0	0
Incheon	2,450	299	1,094	687	76	36	35	177	33	13
Ulsan	1,390	358	905	71	16	6	10	23	1	0
Gyeonggi	2,335	1,428	712	177	13	1	0	3	0	1
Gangwon	4,073	1,115	2,063	483	146	111	46	92	12	5
Chungbuk	493	488	5	0	0	0	0	0	0	0
Chungnam	6,585	2,024	3,410	956	113	47	13	20	2	0
Jeonbuk	4,792	1,410	2,548	653	97	26	17	32	8	1
Jeonnam	36,834	14,965	18,998	2,130	218	127	90	289	14	3
Gyeongbuk	4,620	1,418	2,175	562	132	113	89	112	8	11
Gyeongnam	20,681	6,898	11,540	1,217	316	240	189	255	22	4
Jeju	3,349	544	1,600	886	57	187	61	11	1	2

Source: Director General for Maritime Safety Management

9. 2003
Number of Fishing Equipment

	(SSB) Wireless	Gyro Compass	Fish Finder	Direction Finder	Rolan	Radar
	16,239	2,864	6,140	2,670	2,466	3,759
	682	373	495	422	362	429
	239	179	201	195	176	194
	256	92	161	112	89	125
	43	26	30	27	27	26
	2	0	2	2	2	2
	9	5	5	5	5	5
	118	65	83	68	57	70
	8	6	6	6	5	6
	7	0	7	7	1	1
	3,833	708	2,170	1,423	1,451	1,870
()	60	13	41	26	22	29
()	218	55	115	102	86	96
	7	2	6	5	3	5
()	74	31	71	54	59	63
()	19	1	11	5	11	17
	87	30	59	43	34	50
	34	14	30	15	19	26
	319	104	123	170	122	177
	63	7	36	21	17	18
	609	133	464	259	294	349
	485	61	254	120	185	233
	533	76	266	156	155	181
	342	78	224	200	143	230
	5	1	1	0	1	2
	70	6	14	5	1	13
	242	34	166	120	114	156
	66	3	31	8	30	34
	600	59	258	114	155	191
	10,558	1,574	3,234	632	503	1,198
	4,092	773	1,534	218	253	502
	207	13	39	13	17	25
	0	0	0	0	0	0
	272	15	88	19	11	25
	0	0	0	0	0	0
	0	0	0	0	0	0
	949	81	202	43	33	107
	76	1	2	1	2	1
	138	2	8	0	2	24
	2	0	2	1	0	1
	4,494	675	1,304	317	177	499
()	56	3	14	11	1	10
()	33	2	10	1	2	1
	234	4	29	7	5	2
	5	5	2	1	0	1
	564	39	43	5	10	26
	564	39	43	5	10	26
	67	21	5	1	1	2
	67	21	5	1	1	2
	535	149	193	187	139	234
	169	31	45	54	50	71
	164	41	52	47	34	76
	50	17	28	20	16	23
	152	60	68	66	39	64

:

by Type of Fishery in 2003

Net Zonde	Net Hauler	Sea Water Ice-Making Machine	Facsimile Recorder	Life-Raft	Squid Angle Reeding Machine	
719	706	132	392	2,408	3,885	T o t a l
184	153	32	203	683	82	Distant Waters Fisheries
82	69	21	88	282	2	Long Line
69	41	4	55	220	2	Otter Trawl
25	14	3	13	46	0	Distant Waters Purse Seine
0	0	0	0	2	0	Distant Waters Floating Gill Net
1	1	0	1	10	1	Distant Waters Stick-Held Dip Net
6	26	4	44	110	77	Distant Waters Angling
1	2	0	2	7	0	Distant Waters Trap
0	0	0	0	6	0	Others
300	284	87	126	1,418	2,548	Off-Shore Fisheries
19	12	8	0	26	0	Trawl Large(One Boat)
71	30	4	17	114	0	Trawl Large(Two Boat)
1	1	0	0	4	1	Eastern Sea Danish Sein
16	24	11	0	53	6	Trawl Medium(One Boat)
1	11	11	0	6	0	Trawl Medium(Two Boat)
24	14	1	9	73	0	Large Otter Trawl
5	1	0	1	24	10	Eastern Sea Trawl
51	28	12	55	165	0	Large Powered Purse Seines
3	6	0	0	8	1	Small Powered Purse Seines
11	20	3	15	340	2,290	Off-Shore Angling
6	42	1	3	160	0	Anchovy Drag Net
33	8	0	2	104	146	Off-Shore Gill Net
16	41	28	3	165	0	Large Stow Net
0	0	0	0	0	1	Off-Shore Stick-held Dip Net
0	0	0	0	0	8	Diving
5	28	2	3	95	0	Off-Shore Trap
5	6	0	0	0	0	Off-Shore Long Line
33	12	6	18	81	85	Off-Shore Long Line
192	227	7	21	17	1,230	Coastal Fisheries
122	161	3	2	5	195	Coastal Gill Net
19	0	0	0	0	0	Small Stow Net
0	0	0	0	0	0	Coastal Dredge Nets
13	6	0	0	1	12	Coastal Purse Seines
0	0	0	0	0	0	Coastal Long Line
0	0	0	0	0	0	Coastal Angling
7	2	0	0	0	8	Coastal Trap
0	0	0	0	0	0	Coastal Lift Nets
1	0	0	0	0	0	Coastal Beam Trawl
0	0	0	0	0	0	Coastal Drag Nets
13	55	4	19	9	1,015	Coastal Multi Fishery
2	1	0	0	0	0	Sectional Fishery(Setting)
0	1	0	0	0	0	Sectional Fishery(Non-Setting)
15	1	0	0	2	0	SetNets
0	0	0	0	0	0	Coastal Others
5	2	1	0	1	0	Culture
5	2	1	0	1	0	Shallow Sea Culture
0	0	0	0	6	6	Inland Water Fisheries
0	0	0	0	6	6	Inland Water Fisheries
38	40	5	42	283	19	Others
7	12	2	6	80	2	Fish Carrier
10	3	0	13	79	0	Patrol Boats
3	6	3	7	29	11	Experiment & Education Boats
18	19	0	16	95	6	Others

Source:Director General for Maritime Safety Management.

10.
Number of Fishing Equipment by Province

	(SSB) Wireless	Gyro Compass	Fish Finder	Direction Finder	Rolan	Radar
1997	17,568	2,306	7,538	4,108	4,200	5235
1998	18,364	2,824	7,658	4,013	4,064	5259
1999	18,706	3,523	7,953	3,910	3,921	5170
2000	18,375	1,595	7,421	3,551	3,335	4632
2001	17,760	3,163	7,000	3,270	3,083	4404
2002	17,061	2,997	6,494	2,882	2,659	4030
2003	16,239	2,864	6,140	2,670	2,466	3759
Busan	1,724	690	932	851	706	895
Taegu	0	0	0	0	0	0
Incheon	992	92	237	175	87	197
Ulsan	118	23	52	27	30	39
Gyeonggi	139	290	56	18	10	47
Gangwon	1,828	178	1,483	254	183	240
Chungbuk	8	0	0	0	0	0
Chungnam	1,126	504	253	65	176	262
Jeonbuk	857	127	44	39	57	45
Jeonnam	2,906	301	590	254	265	638
Gyeongbuk	2,027	149	801	324	397	428
Gyeongnam	2,649	250	1,124	380	420	791
Jeju	1,865	260	568	283	135	177
	Net Zonde	Net Hauler	Sea Water Ice-Making Machine	Facsimile Recorder	Life-Raft	Squid Angle Reeding Machine
1997	1,211	943	105	492	4,348	5,155
1998	1,169	936	109	491	4,204	5,149
1999	1,125	941	115	488	4,082	5,118
2000	1,001	854	99	473	3,373	4,282
2001	902	780	85	448	3,079	4,129
2002	769	754	138	411	2,622	4,101
2003	719	706	132	392	2,408	3,885
Busan	358	288	46	311	1,255	215
Taegu	0	0	0	0	0	0
Incheon	22	10	3	9	151	7
Ulsan	6	19	1	0	39	113
Gyeonggi	6	1	1	2	3	0
Gangwon	28	150	2	34	224	1,520
Chungbuk	0	0	0	0	0	0
Chungnam	104	3	1	0	16	2
Jeonbuk	53	25	0	1	26	1
Jeonnam	35	100	61	6	137	2
Gyeongbuk	47	28	2	15	212	1,986
Gyeongnam	38	76	6	7	294	14
Jeju	22	6	9	7	51	25

:

Source: Director General for Maritime Safety Management

1.

Port

Ports Classification	Total							
		Incheon	Pyeongtaek	Daesan	Taeon	Boryeong	Janghang	Gunsan
Quay (m)	108,736	10,986	2,320	140	0	0	330	3,829
Break Water (m)	60,196	2,233	240	0	0	0	0	2,385
Pier (m)	127	22	8	17	2	2	1	3
Wharf (m)	55,610	2,229	330	807	287	90	968	1,239
Berthing Capacity ()	656	76	17	19	2	2	3	26
300,000 DWT	9	0	0	1	0	0	0	0
250,000 DWT	3	0	0	0	0	0	0	0
200,000 DWT	2	0	0	0	0	0	0	0
150,000 DWT	5	0	0	1	2	0	0	0
100,000 DWT	15	2	0	3	0	2	0	0
80,000 DWT	4	3	0	0	0	0	0	0
70,000 DWT	5	0	3	0	0	0	0	0
60,000 DWT	3	2	0	0	0	0	0	0
50,000 DWT	62	15	3	1	0	0	0	0
40,000 DWT	14	4	0	1	0	0	0	0
30,000 DWT	40	4	9	0	0	0	0	0
20,000 DWT	94	10	0	1	0	0	0	15
10,000 DWT	64	9	0	6	0	0	2	2
8,000 DWT	26	9	0	0	0	0	1	0
7,000 DWT	5	0	0	1	0	0	0	0
6,000 DWT	15	0	0	0	0	0	0	1
5,000 DWT	101	10	2	2	0	0	0	3
4,000 DWT	17	1	0	0	0	0	0	0
3,000 DWT	58	2	0	1	0	0	0	2
2,000 DWT	35	4	0	0	0	0	0	2
1,000 DWT	79	1	0	1	0	0	0	1

:

(6-1)
Facilities

Mokpon	Wando	Yeosu	Gwangyang	Jeju	Seogwipo	Samcheonpo	Tongyeong	Gohyeon
3,690	620	1,089	13,590	2,416	630	1,765	1,076	122
0	300	2,016	0	3,416	2,111	910	1,477	0
21	4	8	0	0	0	2	10	0
3,330	2,182	2,334	504	754	817	1,763	2,421	192
21	4	8	63	17	5	9	7	3
0	0	0	3	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	2	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	11	0	0	1	0	0
0	0	0	1	0	0	0	0	0
3	0	0	6	0	0	0	0	0
4	1	0	6	1	0	0	0	0
6	0	0	1	1	0	1	0	0
0	0	0	1	1	0	0	0	0
0	0	0	1	0	0	0	0	0
2	0	3	0	0	0	0	1	0
1	2	2	12	3	1	2	0	1
2	0	0	1	0	0	0	0	0
1	1	0	8	7	2	0	0	0
2	0	2	1	0	1	0	0	0
0	0	1	4	4	1	3	6	2

Source : Port & Harbours Bureau

1.

Port

Classification	Ports	Total							
			Incheon	Pyeongtaek	Daesan	Taeon	Boryeong	Janghang	Gunsan
Shed	Number	31	11	0	0	0	0	0	0
	(m ²) Area	204,469	56,628	0	0	0	0	0	0
	(ton) Capacity	2,594,727	110,719	0	0	0	0	0	0
Ware house	Number	47	10	4	0	0	0	1	11
	(m ²) Area	184,284	47,512	28,137	0	0	0	1,728	54,136
	(ton) Capacity	651,352	220,144	68,524	0	0	0	5,184	210,862
Open storage yard	(m ²) Area	9,913,086	2,403,538	586,952	0	0	0	66,570	764,611
	(ton) Capacity	21,857,604	5,049,430	1,232,599	0	0	0	556,110	2,293,833
Tug boat	Number	169	37	13	12	0	2	0	7
	Hp	452,246	94,960	42,814	35,040	0	6,400	0	16,960
Patrol boat	Number	25	4	1	1	0	0	0	1
	Gv/vT	746	126	12	37	0	0	0	38
Crane boat	Number	1	0	0	0	0	0	0	0
	Gv/vT	9,794	0	0	0	0	0	0	0

1.

Port

Ports Classification	Port						
	Okpo	Geoje	Masan	Jinhae	Busan	Ulsan	Pohang
Quay (m)	100	0	4,759	1,293	21,852	15,431	9,231
Break Water (m)	1,385	226	0	122	3,919	4,438	8,952
Pier (m)	0	4	6	0	3	0	0
Wharf (m)	0	1,151	1,749	123	9,604	81	1,988
Berthing Capacity ()	1	0	28	9	113	92	44
300,000 DWT	0	0	0	0	0	5	0
250,000 DWT	0	0	0	0	0	0	1
200,000 DWT	0	0	0	0	0	0	0
150,000 DWT	0	0	0	0	0	1	1
100,000 DWT	0	0	0	0	0	1	3
80,000 DWT	0	0	0	0	0	1	0
70,000 DWT	0	0	0	0	0	1	0
60,000 DWT	0	0	0	0	0	0	0
50,000 DWT	0	0	0	0	19	2	1
40,000 DWT	0	0	0	0	0	8	0
30,000 DWT	0	0	0	0	2	9	7
20,000 DWT	0	0	16	4	11	16	4
10,000 DWT	0	0	0	0	14	8	8
8,000 DWT	0	0	3	0	10	0	0
7,000 DWT	0	0	0	0	3	0	0
6,000 DWT	1	0	1	0	3	1	0
5,000 DWT	0	0	1	0	25	13	10
4,000 DWT	0	0	0	0	2	10	0
3,000 DWT	0	0	7	0	7	5	2
2,000 DWT	0	0	0	0	5	2	7
1,000 DWT	0	0	0	5	12	9	0

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(6-3)
Facilities

Samcheck	Donghae	Mukho	Okgye	Sokcho	Yeonpyeongdo	Daecheon	Bi in	Daeheuksando
776	3,412	1,141	940	1,457	0	0	0	330
1,016	2,110	1,465	2,003	1,361	1,087	1,220	427	1,388
0	1	0	1	0	0	2	0	4
1,258	0	925	0	2,007	265	1,390	244	1,269
7	15	6	5	7	0	0	0	2
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	9	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	3	0	1	1	0	0	0	0
0	1	2	2	0	0	0	0	0
1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0
3	0	1	1	2	0	0	0	1
0	0	0	0	0	0	0	0	0
0	2	1	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0
3	0	0	0	2	0	0	0	1

Source : Port & Harbours Bureau

1.

Port

Ports Classification	Ports					
	Nokdongsin	Narodo	Geomundo	Hanlim	Hwasun	Seongsanpo
Quay (m)	535	0	330	790	452	711
Break Water (m)	0	624	1,915	2,418	1,006	2,144
Pier (m)	2	2	2	0	0	0
Wharf (m)	834	513	941	955	100	707
Berthing Capacity ()	3	0	3	9	2	7
300,000 DWT	0	0	0	0	0	0
250,000 DWT	0	0	0	0	0	0
200,000 DWT	0	0	0	0	0	0
150,000 DWT	0	0	0	0	0	0
100,000 DWT	0	0	0	0	0	0
80,000 DWT	0	0	0	0	0	0
70,000 DWT	0	0	0	0	0	0
60,000 DWT	0	0	0	0	0	0
50,000 DWT	0	0	0	0	0	0
40,000 DWT	0	0	0	0	0	0
30,000 DWT	0	0	0	0	0	0
20,000 DWT	0	0	0	0	0	0
10,000 DWT	0	0	1	0	0	0
8,000 DWT	0	0	0	0	0	0
7,000 DWT	0	0	0	0	0	0
6,000 DWT	0	0	0	0	0	0
5,000 DWT	0	0	0	0	1	2
4,000 DWT	1	0	0	0	0	0
3,000 DWT	2	0	0	0	1	0
2,000 DWT	0	0	2	2	0	4
1,000 DWT	0	0	0	7	0	1

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(6-5)
Facilities

South Busan	Guryongpo	Wolpo	Hupo	Ulleung	Jumunjin	Aewol	Hong-do	Yonggipo	Shinma	Paengmok	Chuja	Hwahunpo
0	1,496	0	470	110	105	302	0	0	0	0	0	110
558	1,065	157	1,280	835	920	740	18	0	0	0	225	84
0	0	0	0	0	0	0	0	0	0	0	0	0
4,294	895	250	925	161	1,018	609	75	0	0	0	995	37
0	13	0	2	1	1	4	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	2	0	1	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0
0	11	0	0	0	0	4	0	0	0	0	0	0

Source : Port & Harbours Bureau

1.

Port

Classification	Ports						
	Nokdongsin	Narodo	Geomundo	Hanlim	Hwasun	Seongsanpo	
Shed	Number	0	0	0	0	0	
	(m ²) Area	0	0	0	0	0	
	(ton) Capacity	0	0	0	0	0	
Ware house	Number	0	0	0	0	0	
	(m ²) Area	0	0	0	0	0	
	(ton) Capacity	0	0	0	0	0	
Open storage yard	(m ²) Area	0	0	0	38,948	5,352	74,292
	(ton) Capacity	0	0	0	62,070	10,704	148,584
Tug boat	Number	0	0	0	0	0	
	Hp	0	0	0	0	0	
Patrol boat	Number	0	0	0	0	0	
	Gv/vT	0	0	0	0	0	
Crane boat	Number	0	0	0	0	0	
	Gv/vT	0	0	0	0	0	

(6-6)
Facilities

South Busan	Guryongpo	Wolpo	Hupo	Ulleung	Jumunjin	Aewol	Hong-do	Yonggipo	Shinma	Paengmok	Chuja	Hwahunpo
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	55,869	0	53,504	3,980	0	14,821	0	0	0	0	0	0
0	117,000	0	112,000	8,000	0	29,642	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0

Source : Port & Harbours Bureau

2. (2-1)
Port Cargo Handling Capacity

: 1,000

Unit : 1,000 ton

Years Ports	1997	1998	1999	2000	2001	2002	2003
Total	357,351	416,254	417,561	430,437	469,585	486,510	510,210
Sub Total	350,316	409,205	410,135	422,642	461,652	478,049	501,319
Incheon	47,971	56,730	56,590	56,820	61,515	62,075	62,557
Pyeongtaek	3,374	6,951	6,951	6,951	9,811	9,558	11,062
Daesan	141	4,987	4,987	4,987	4,987	5,419	5,402
Taeon	5,508	5,483	5,483	5,491	5,491	11,539	11,563
Boryeong	9,715	10,682	10,682	10,662	10,662	10,680	10,680
Janghang	663	1,068	1,068	1,068	1,486	1,486	1,486
Gunsan	8,526	7,596	7,596	13,869	11,717	12,645	11,460
Mokpo	3,226	6,271	6,271	6,271	7,011	7,011	9,043
Wando	763	817	817	817	817	817	817
Yeosu	2,663	2,952	3,016	3,016	3,016	3,016	3,016
Gwangyang	66,598	71,865	73,805	74,277	89,424	90,769	99,038
Jeju	1,842	3,155	3,589	3,589	3,258	3,258	3,258
Seogwipo	716	1,359	1,359	1,359	728	728	728
Samcheonpo	6,178	13,581	13,581	19,168	19,168	19,168	19,168
Tongyeong	402	172	172	620	620	620	620
Gohyeon	531	901	901	856	856	856	856
Okpo	389	454	454	454	454	454	454
Geoje	194	76	76	76	76	76	76
Masan	9,096	14,268	14,233	14,229	13,618	13,651	14,348
Jinhae	1,039	1,869	1,869	1,869	1,869	1,869	1,869
Busan	91,046	87,774	84,764	84,475	102,375	106,363	117,315
Ulsan	20,103	24,834	24,776	24,772	25,577	28,622	29,304
Pohang	38,864	44,785	44,542	44,542	44,712	44,712	44,542
Samcheok	7,002	7,286	7,286	7,171	7,171	7,171	7,171
Donghae	14,148	21,057	23,035	23,035	23,035	23,035	23,035
Mukho	5,925	6,422	6,422	6,388	6,388	6,388	6,388
Okgye	2,797	4,914	4,914	4,914	4,914	4,914	4,914
Sokcho	896	896	896	896	896	1,149	1,149

:

Source : Port & Harbours Bureau

2. (2-2)
Port Cargo Handling Capacity

:1,000

Unit : 1,000 ton

Years Ports	1997	1998	1999	2000	2001	2002	2003
Sub Total	7,035	7,049	7,426	7,795	7,933	8,461	8,891
Yeonpyeongdo	-	0	0	-	-	-	0
Daecheon	220	220	220	332	332	332	573
Bi in	-	0	0	18	18	18	49
Daeheuksando	484	484	484	589	589	589	651
Nokdongsin	334	334	334	334	334	822	822
Narodo	103	103	103	103	103	145	145
Geomundo	188	188	188	188	188	186	186
Hanlim	822	822	822	822	822	822	822
Hwasun	144	144	144	282	282	282	282
Seongsanpo	920	920	920	920	920	920	920
South Busan	1,116	1,116	1,116	1,116	1,116	1,116	1,116
Guryongpo	1,167	1,167	1,167	1,251	1,251	1,251	1,251
Wolpo	50	50	50	50	50	50	50
Hupo	695	695	695	695	695	695	695
Ulleung	148	148	148	148	148	148	148
Jumunjin	515	515	515	515	515	515	515
Hong-do	48	48	48	48	48	48	48
Aewol	81	95	472	384	384	384	409
Yonggipo	-	-	-	-	-	-	-
Shinma	-	-	-	-	-	-	-
Paemok	-	-	-	-	-	-	-
Chuja	-	-	-	-	138	138	209
Hwahungpo	0	0	0	0	0	-	-

:

Source : Port & Harbours Bureau

3.

Reclamation Master Plan

1) (1)

: km²

Classification		Proclamation date	Proclamation number	Addition and Reduction Number	Addition and Reduction Number
가		91-02-04	52	241	375.380
	1	91-08-03	434	2	13.212
	2	92-03-19	1992-101	33	415.790
	3	92-08-18	1992-451	46	20.313
	4	93-10-13	1993-395	47	102.548
	5	94-12-14	1994-492	20	20.459
	6	95-06-30	1995-224	6	3.192
	7	95-12-30	1995-422	7	1.430
	8	96-07-05	1998-217	2	0.058
	9	96-08-03	1996-31	5	1.836
	10	97-02-10	1997-14	11	1.180
	11	97-08-05	1997-74	2	0.594
	12	98-02-14	1998-8	2	1.008
	13	98-12-10	1998-80	5	0.614
	14	99-08-05	1999-62	3	0.040
	15	00-06-29	2000-34	1	0.531
	16	00-08-03	2000-55	1	0.007
	17	00-10-02	2000-65	2	0.178
	18	01-02-17	2001-11	1	0.014
	18	01-02-17	2001-11	1	0.014
	1	98-04-28	1998-115	1	0.002
	2	99-08-07	1999-185	0	-0.273
	1	97-07-31	1997-180	0	0.286
	2	98-01-08	1998-5	1	0.165
	3	99-01-29	1999-93	0	-2.300
	1	96-08-16	1996-210	1	-
	1	98-03-17	1998-50	1	0.014
	1	98-10-14	1998-160	6	0.098
	1	96-07-29	1996-234	3	0.943
	2	99-07-31	1999-359	1	0.080
	1	97-10-08	276	0	-1.998
	2	99-08-03	175	0	0.499
1	96-12-31	1996-265	3	0.808	
2	97-03-01	1997-77	1	3.352	
3	98-11-01	1998-271	2	0.120	
4	99-02-01	1999-21	1	0.002	
5	99-06-01	1999-114	1	0.080	
1	96-08-21	1996-50	1	0.096	

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3.

Reclamation Master Plan

1) (2)

: km²

Classification		Proclamation date	Proclamation number	Addition and Reduction Number	Addition and Reduction Number
가	1	01-07-06	2001-49	186	38.230
	2	02-01-30	2002-11	3	-0.038
	3	02-05-27	2002-43	2	-
	4	02-10-18	2002-79	4	0.190
	5	02-12-05	2002-96	4	0.087
	6	03-04-26	2003-22	1	-
	7	03-07-21	2003-46	3	0.008
	8	03-09-01	2003-54	2	0.055
	9	03-12-02	2003-84	1	0.214

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2) (1980)

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: Number, m²

Classification	License		Completion		Under Construction		Lapse	
	Number	Area	Number	Area	Number	Area	Number	Area
	338	1,405,692,575	187	137,607,818	145	1,059,099,327	6	755,971
	45	18,768,057	28	2,666,552	16	16,013,276	1	45,538
	30	92,967,013	17	9,375,725	12	83,222,747	1	34,740
	4	330,567	0	0	4	330,567	0	0
	18	296,994,090	10	7,967,893	8	288,784,572	0	0
	10	1,003,489	7	738,367	3	355,000	0	0
	34	208,388,331	15	87,593,225	19	117,549,021	0	0
	6	402,436,180	5	1,426,308	1	401,000,000	0	0
	69	365,878,977	25	19,582,277	43	143,645,467	1	108,873
	18	1,887,383	13	1,227,910	5	671,958	0	0
	92	16,525,972	55	6,517,249	34	7,526,719	3	566,820
	12	512,516	12	512,312	0	0	0	0

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: Number, m²

Classification	License		Completion		Under Construction		Lapse	
	Number	Area	Number	Area	Number	Area	Number	Area
	338	1,405,692,575	187	137,607,818	145	1,059,189,327	6	755,971
가	75	15,401,823	38	7,024,166	35	7,892,265	2	167,358
	108	230,658,630	61	14,893,541	45	214,777,991	2	59,740
	60	1,050,988,615	27	93,750,521	33	750,650,934	0	0
	93	108,614,267	60	21,917,495	31	85,859,890	2	528,873
	2	29,240	1	22,095	1	8,247	0	0

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: Number, m²

Classification	License		Completion	
	Number	Area	Number	Area
	338	1,405,692,575	187	137,607,818
	111	305,401,607	67	39,020,820
	157	102,962,218	99	11,328,335
	26	970,736,566	7	84,639,291
	18	15,669,127	9	2,062,190
	6	8,895,900	2	522,709
	3	115,553	1	28,464
	17	1,911,604	2	6,009

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: Number, m²

Classification	License		Completion		Under Construction		Lapse	
	Number	Area	Number	Area	Number	Area	Number	Area
	319	1,319,149,923	187	137,607,818	136	1,050,681,733	6	755,971
1982	8	31,636,109	1	45,000	3	21,762,399	0	0
1983	11	4,435,959	0	0	3	426,000	0	0
1984	7	5,897,544	0	0	0	0	0	0
1985	15	54,320,685	0	0	5	49,993,000	0	0
1986	16	8,169,754	1	1,565,563	1	275,218	1	420,000
1987	16	346,174,233	2	148,641	4	211,537,155	0	0
1988	15	4,128,577	1	109,985	2	65,000	0	0
1989	11	84,765,049	8	407,053	3	7,125,000	0	0
1990	32	59,988,161	5	5,554,656	13	57,461,616	0	0
1991	37	556,319,164	16	2,335,658	18	550,000,332	0	0
1992	20	68,520,440	14	1,610,770	9	65,178,238	0	0
1993	11	2,328,128	14	1,600,113	5	1,242,408	0	0
1994	31	25,982,813	11	1,251,933	14	22,307,233	0	0
1995	15	8,430,456	14	5,359,349	6	7,459,808	0	0
1996	9	7,319,215	17	81,110,717	6	6,443,601	1	25,000
1997	13	2,118,388	23	28,158,363	3	1,542,139	0	0
1998	8	44,392,756	21	1,636,672	4	44,086,966	0	0
1999	4	972,665	13	3,402,192	2	663,730	1	108,873
2000	6	549,820	5	1,491,947	5	473,356	2	156,560
2001	13	506,007	10	658,798	11	450,523	1	45,538
2002	15	1,645,012	2	102,979	13	1,639,023	0	0
2003	6	548,988	9	1,057,429	6	548,988	0	0

Source: Marine Policy Bureau

4. Dredging

Port	Number	(m ³) Volume (m ³)	(m ²) Area (m ²)	(-m) Depth (-m)	() Investment (1,000won)
	41	22,016,804	5,837,653		130,813,890
	11	7,352,339	1,895,150	6.5-15	19,991,000
	2	5,456,670	1,042,400	7-14	30,530,000
	2	3,228,000	694,154	5.5-14	15,698,154
	1	20,489	6,300	7.0	166,442
	12	454,000	295,580	(+)0.5-10	5,105,180
	4	5,286,000	1,755,000	7.5-16	55,019,000
	2	55,500	51,700	4-12	1,141,772
	1	83,540	32,769	11	1,739,890
	1	32,500	31,200	11	607,176
	5	47,766	33,400	3-13	815,276

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Source : Port & Harbours Bureau

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(Geojin, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.20	32.26	8.00	8.08	0.830	0.000	0.093	0.000	0.013	6.6	-
1999		15.20	33.12	8.07	9.44	0.990	0.000	0.099	0.000	0.014	6.2	-
2000		13.00	33.25	8.10	8.76	0.880	0.000	0.070	0.000	0.011	3.5	2.29
2001		15.00	33.12	8.14	8.86	0.760	0.000	0.056	0.000	0.011	2.6	1.67
2002		12.50	33.22	8.31	9.62	0.640	0.172	0.467	0.017	0.043	2.1	2.55
2003		12.70	32.63	8.14	10.06	1.400	0.201	0.345	0.010	0.052	2.8	.62
2		4.40	33.47	8.19	11.98	1.830	0.269	0.364	0.007	0.031	0.6	.93
5		14.40	33.23	8.22	10.97	0.810	0.205	0.579	0.026	0.138	2.9	.66
8		20.70	31.63	8.12	8.49	1.080	0.146	0.214	0.002	0.013	4.9	.23
11		11.13	32.20	8.04	8.78	1.870	0.182	0.221	0.004	0.026	2.9	.66

(Sokcho, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.10	29.76	8.14	8.79	1.370	0.000	0.188	0.000	0.014	8.9	-
1999		16.00	31.71	8.11	8.81	1.420	0.000	0.142	0.000	0.016	6.2	-
2000		13.80	32.43	8.15	9.20	1.090	0.000	0.121	0.000	0.020	3.7	3.13
2001		15.70	32.67	8.22	9.07	1.120	0.000	0.056	0.000	0.014	2.6	2.21
2002		13.70	32.77	8.28	9.87	0.850	0.183	0.446	0.015	0.057	2.4	3.71
2003		13.80	31.70	8.13	9.73	1.300	0.184	0.431	0.010	0.042	2.2	.93
2		5.20	32.82	8.18	11.53	0.930	0.262	0.418	0.005	0.044	0.8	1.64
5		13.40	32.73	8.09	10.62	1.100	0.192	0.871	0.021	0.077	2.9	.56
8		23.10	30.40	8.30	8.55	1.310	0.172	0.243	0.000	0.013	3.3	.35
11		13.30	30.83	7.96	8.22	1.850	0.111	0.192	0.013	0.033	1.8	1.17

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Water Quality of Coasts(15-1)

(Yangyang, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.90	32.61	8.02	8.25	0.750	0.000	0.092	0.000	0.009	6.2	-
1999		16.50	33.24	8.10	8.58	0.650	0.000	0.067	0.000	0.008	1.9	-
2000		14.90	33.58	8.12	8.24	0.850	0.000	0.083	0.000	0.011	2.9	3.77
2001		16.30	33.38	8.16	8.01	0.800	0.000	0.029	0.000	0.008	1.6	1.06
2002		14.50	33.62	8.27	9.40	0.720	0.150	0.644	0.016	0.063	1.9	2.50
2003		14.30	32.76	8.16	9.53	1.550	0.140	0.292	0.010	0.037	1.6	.45
2		7.50	33.94	8.22	11.13	0.820	0.287	0.342	0.004	0.042	0.5	.94
5		12.90	34.11	8.18	10.09	1.480	0.080	0.574	0.026	0.061	2.2	.31
8		23.20	31.07	8.29	8.50	1.440	0.124	0.134	0.006	0.008	2.6	.06
11		13.40	31.93	7.95	8.40	2.440	0.068	0.117	0.003	0.038	1.2	.47

(Jumunjin, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.90	31.69	7.94	7.84	1.090	0.000	0.192	0.000	0.024	9.5	-
1999		16.40	32.72	8.03	7.57	1.370	0.000	0.174	0.000	0.022	5.1	-
2000		14.20	33.31	8.10	8.19	0.870	0.000	0.138	0.000	0.026	3.0	2.09
2001		17.40	33.24	8.18	8.93	0.830	0.000	0.094	0.000	0.027	3.1	2.33
2002		14.50	33.43	8.21	8.96	0.890	0.213	0.596	0.017	0.074	1.7	1.33
2003		14.30	32.38	8.09	9.52	1.600	0.157	0.307	0.014	0.059	2.3	.83
2		6.30	33.71	8.08	11.28	0.790	0.264	0.301	0.005	0.060	0.8	2.02
5		14.10	33.21	8.10	9.64	1.130	0.128	0.605	0.027	0.117	3.6	.64
8		23.40	30.96	8.21	7.96	1.450	0.111	0.156	0.012	0.022	3.6	.10
11		13.20	31.64	7.97	9.20	3.030	0.124	0.164	0.012	0.036	1.1	.54

(Gangneung, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.70	30.80	8.01	8.07	0.770	0.000	0.158	0.000	0.011	10.7	-
1999		16.30	32.23	8.14	8.93	0.810	0.000	0.097	0.000	0.010	2.9	-
2000		13.80	33.69	8.12	8.59	0.780	0.000	0.099	0.000	0.012	2.1	3.00
2001		16.40	33.23	8.14	8.41	0.830	0.000	0.075	0.000	0.012	2.5	.94
2002		14.20	33.29	8.13	9.35	1.010	0.188	0.640	0.014	0.064	1.9	1.70
2003		14.80	32.65	8.17	9.54	1.060	0.165	0.462	0.010	0.043	1.7	.48
2		8.50	33.33	8.13	10.75	0.300	0.279	0.310	0.004	0.042	1.2	.86
5		13.90	33.69	8.16	10.25	0.920	0.154	1.212	0.016	0.082	2.0	.40
8		23.40	31.21	8.25	8.61	1.230	0.135	0.186	0.010	0.016	1.9	.04
11		13.40	32.38	8.15	8.54	1.770	0.091	0.138	0.008	0.031	1.6	.61

(Donghea, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.10	32.80	8.08	8.14	0.750	0.000	0.108	0.000	0.011	9.2	-
1999		16.10	33.47	8.09	8.72	0.770	0.000	0.103	0.000	0.012	3.2	-
2000		14.50	33.71	8.11	8.39	1.100	0.000	0.103	0.000	0.009	2.2	1.96
2001		16.50	33.19	8.15	8.34	1.020	0.000	0.077	0.000	0.010	2.1	1.58
2002		14.20	33.12	8.10	9.25	1.090	0.247	0.587	0.023	0.071	2.2	1.36
2003		14.30	33.40	8.25	9.22	1.180	0.159	0.368	0.009	0.040	3.0	.92
2		8.30	33.82	8.19	9.97	0.630	0.284	0.318	0.005	0.063	1.2	.66
5		13.40	34.09	8.30	9.31	0.890	0.106	0.820	0.015	0.048	1.6	1.89
8		21.70	32.44	8.20	8.99	1.110	0.140	0.174	0.008	0.023	7.8	.07
11		13.60	33.23	8.32	8.60	2.080	0.106	0.161	0.008	0.025	1.4	1.06

Water Quality of Coasts(15-2)

(Samcheok, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.80	32.19	8.13	8.15	0.720	0.000	0.102	0.000	0.011	9.2	-
1999		16.20	33.28	8.07	8.68	0.890	0.000	0.096	0.000	0.011	2.9	-
2000		14.70	33.55	8.04	8.50	0.830	0.000	0.109	0.000	0.009	2.1	3.00
2001		16.90	33.16	8.14	8.32	0.840	0.000	0.076	0.000	0.007	1.9	.57
2002		14.00	32.72	8.11	8.89	0.990	0.277	0.420	0.017	0.071	1.6	1.27
2003		15.20	32.83	8.14	9.45	1.080	0.181	0.380	0.010	0.046	1.9	.83
2		9.10	33.78	8.13	9.84	0.370	0.248	0.260	0.005	0.080	1.1	1.01
5		14.90	32.73	8.14	10.34	0.990	0.248	0.855	0.017	0.054	2.6	1.14
8		22.30	32.46	8.22	9.04	2.000	0.129	0.237	0.010	0.021	2.2	.09
11		14.50	32.36	8.07	8.56	0.940	0.100	0.168	0.008	0.029	1.5	1.08

(Jukbyeon, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.70	33.08	8.02	7.83	0.990	0.000	0.135	0.000	0.014	10.1	-
1999		17.50	33.62	8.09	8.32	1.260	0.000	0.102	0.000	0.016	3.0	-
2000		15.90	33.02	8.04	8.04	0.840	0.000	0.106	0.000	0.008	2.3	4.29
2001		17.70	32.72	8.04	8.37	0.980	0.000	0.079	0.000	0.007	4.2	.79
2002		15.30	32.39	8.05	8.73	0.940	0.195	0.425	0.011	0.036	6.6	1.32
2003		16.00	32.72	8.04	9.12	1.000	0.093	0.323	0.008	0.022	13.5	1.68
2		9.50	33.32	8.07	9.81	0.730	0.193	0.327	0.009	0.030	10.2	.36
5		14.90	33.54	8.04	9.88	1.220	0.042	0.471	0.013	0.026	23.2	1.61
8		22.90	31.42	8.04	8.30	0.860	0.092	0.348	0.006	0.013	12.7	1.71
11		16.50	32.61	8.00	8.50	1.190	0.044	0.145	0.005	0.020	7.7	3.05

(Hupo, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.40	32.37	8.04	7.67	0.890	0.000	0.130	0.000	0.013	9.3	-
1999		17.10	33.60	8.10	8.55	0.660	0.000	0.076	0.000	0.013	5.2	-
2000		16.10	32.66	8.09	7.94	0.910	0.000	0.096	0.000	0.006	3.6	1.25
2001		17.80	32.63	8.03	8.81	1.490	0.000	0.079	0.000	0.004	6.4	.69
2002		15.40	31.99	7.99	8.82	0.620	0.127	0.371	0.006	0.008	10.1	1.13
2003		16.50	32.32	8.04	9.43	1.420	0.049	0.248	0.008	0.016	26.8	2.03
2		9.90	32.65	8.05	10.42	1.180	0.157	0.218	0.016	0.030	23.8	.03
5		15.40	32.91	7.97	10.00	2.120	0.021	0.278	0.005	0.012	28.5	1.07
8		23.80	30.98	8.12	8.10	1.120	0.009	0.310	0.007	0.011	45.2	1.03
11		16.70	32.72	8.00	9.19	1.240	0.009	0.186	0.005	0.009	9.8	5.97

(Chuksan, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.20	32.99	8.00	7.48	0.970	0.000	0.252	0.000	0.030	9.5	-
1999		17.00	33.49	8.03	7.96	1.110	0.000	0.152	0.000	0.023	3.5	-
2000		15.90	32.52	8.02	7.37	1.360	0.000	0.104	0.000	0.010	3.5	1.99
2001		17.20	32.50	8.00	8.52	1.500	0.000	0.110	0.000	0.010	4.0	.79
2002		14.90	32.07	7.99	8.74	0.560	0.135	0.367	0.012	0.015	10.3	2.85
2003		16.50	32.32	6.92	9.10	1.820	0.106	0.339	0.013	0.020	23.8	1.60
2		9.70	33.25	4.03	10.72	1.620	0.179	0.347	0.020	0.032	14.8	.20
5		15.70	32.65	7.93	9.67	3.860	0.055	0.349	0.016	0.022	26.8	2.41
8		23.70	30.80	7.83	6.96	1.260	0.104	0.438	0.008	0.016	46.5	.59
11		16.90	32.59	7.90	9.05	0.520	0.087	0.220	0.007	0.011	7.2	3.20

Water Quality of Coasts(15-3)

(Ganggu, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.80	25.97	7.90	7.97	1.360	0.000	0.218	0.000	0.023	9.3	-
1999		17.30	32.07	8.09	8.75	1.280	0.000	0.188	0.000	0.019	7.2	-
2000		16.20	31.07	8.07	8.14	0.830	0.000	0.139	0.000	0.011	3.0	2.46
2001		16.90	31.97	8.03	8.76	1.280	0.000	0.161	0.000	0.009	4.5	1.39
2002		14.90	25.86	7.98	9.01	0.550	0.288	0.653	0.010	0.013	9.7	1.27
2003		16.90	28.35	7.93	9.14	2.000	0.308	0.445	0.011	0.017	21.9	2.67
2		10.40	30.13	8.04	10.27	3.080	0.236	0.469	0.016	0.026	17.8	.19
5		16.70	24.63	7.99	9.70	1.500	0.484	0.612	0.014	0.019	22.4	.27
8		24.00	26.72	7.74	7.58	2.560	0.337	0.507	0.009	0.017	36.0	2.66
11		16.40	31.90	7.96	9.00	0.860	0.175	0.193	0.005	0.007	11.2	7.57

(Wolpo, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.80	31.72	8.07	8.16	0.780	0.000	0.113	0.000	0.011	9.0	-
1999		17.60	33.62	8.14	8.72	0.330	0.000	0.059	0.000	0.008	2.2	-
2000		16.20	32.62	8.02	8.25	0.810	0.000	0.089	0.000	0.006	3.5	1.68
2001		17.00	32.78	8.06	8.82	1.290	0.000	0.073	0.000	0.004	6.1	.66
2002		15.40	32.04	8.02	8.94	0.890	0.118	0.308	0.004	0.007	5.2	1.89
2003		16.30	32.46	8.01	9.26	1.610	0.046	0.273	0.007	0.013	24.6	3.19
2		10.40	32.86	8.06	10.20	1.600	0.150	0.308	0.014	0.021	14.0	.30
5		14.90	32.98	8.01	9.95	2.360	0.005	0.240	0.002	0.008	25.8	.43
8		23.70	31.24	8.02	7.83	2.280	0.014	0.310	0.007	0.013	42.4	4.17
11		16.10	32.76	7.95	9.07	0.200	0.013	0.234	0.005	0.009	16.0	7.86

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(15-4)

(Yeongil, 14 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.30	31.61	8.06	8.05	1.090	0.000	0.177	0.000	0.013	9.3	-
1999		17.20	32.23	8.20	8.47	1.320	0.000	0.162	0.000	0.011	4.3	-
2000		15.50	31.25	8.10	8.38	1.310	0.000	0.166	0.000	0.009	4.8	4.71
2001		15.70	32.65	8.08	9.25	1.330	0.000	0.174	0.000	0.008	4.3	.96
2002		15.80	30.27	7.97	9.27	1.090	0.204	0.469	0.005	0.008	10.1	9.40
2003		16.10	31.56	8.03	9.63	1.480	0.139	0.285	0.007	0.017	19.6	4.08
2		9.00	32.88	8.03	10.57	1.820	0.178	0.216	0.007	0.021	14.4	6.24
5		14.50	31.48	8.03	9.83	1.850	0.210	0.423	0.011	0.019	24.9	1.57
8		24.50	29.53	8.11	9.02	1.520	0.130	0.310	0.007	0.018	19.8	3.66
11		16.30	32.33	7.96	9.08	0.720	0.036	0.191	0.004	0.008	19.3	4.86

(Guryongpo, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.30	31.55	8.03	7.54	1.060	0.000	0.169	0.000	0.016	9.1	-
1999		17.00	33.20	8.09	7.75	1.060	0.000	0.111	0.000	0.018	2.6	-
2000		16.20	32.36	8.05	7.74	1.130	0.000	0.096	0.000	0.013	4.1	1.70
2001		17.10	32.77	8.08	8.53	1.710	0.000	0.089	0.000	0.006	6.3	1.34
2002		15.80	31.04	7.97	8.66	0.700	0.193	0.468	0.006	0.010	8.9	3.14
2003		16.30	31.93	8.03	9.26	1.800	0.162	0.278	0.013	0.021	27.3	1.48
2		10.40	32.91	8.02	10.13	1.630	0.194	0.306	0.024	0.031	17.7	.38
5		14.40	31.92	8.03	9.61	2.700	0.215	0.345	0.013	0.021	26.2	1.47
8		23.80	30.33	8.16	8.37	1.550	0.200	0.302	0.008	0.024	50.9	1.49
11		16.60	32.54	7.91	8.92	1.320	0.040	0.159	0.007	0.009	14.2	2.56

Water Quality of Coasts(15-4)

(Gampo, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.00	32.53	8.05	7.39	0.890	0.000	0.130	0.000	0.015	9.6	-
1999		17.10	33.28	8.11	8.10	1.310	0.000	0.092	0.000	0.017	3.5	-
2000		16.40	32.64	8.11	7.78	1.000	0.000	0.071	0.000	0.010	4.3	1.44
2001		16.90	32.83	8.05	8.37	1.720	0.000	0.100	0.000	0.008	5.0	1.44
2002		16.60	31.17	7.96	8.65	0.580	0.163	0.413	0.007	0.010	7.3	2.70
2003		17.50	32.03	8.05	9.29	1.940	0.102	0.291	0.011	0.019	28.2	1.10
2		11.60	32.98	8.05	10.14	2.290	0.144	0.195	0.020	0.026	18.9	.46
5		15.80	32.08	7.97	9.57	2.430	0.067	0.352	0.011	0.018	25.7	.75
8		24.00	30.26	8.24	8.65	2.080	0.112	0.424	0.007	0.022	49.5	1.40
11		18.60	32.80	7.95	8.80	0.950	0.086	0.194	0.005	0.009	18.6	1.80

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(Ulsan, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.90	31.71	8.08	7.66	1.840	0.000	0.642	0.000	0.045	5.2	-
1999		17.40	31.39	8.21	8.41	1.630	0.000	0.551	0.000	0.021	5.3	-
2000		17.20	32.77	8.09	7.88	2.420	0.000	0.354	0.000	0.047	7.1	5.91
2001		17.70	33.03	7.94	6.64	1.710	0.000	0.394	0.000	0.041	5.0	4.67
2002		15.90	29.82	8.02	6.81	1.710	0.488	0.853	0.043	0.061	5.5	2.49
2003		15.90	31.11	8.01	9.33	1.810	0.267	0.422	0.022	0.051	5.6	3.78
2		10.70	33.09	7.88	9.85	1.590	0.335	0.579	0.029	0.049	4.3	1.36
5		15.70	31.76	8.08	9.44	1.750	0.222	0.322	0.021	0.041	3.4	3.96
8		20.20	26.78	7.97	7.45	2.150	0.322	0.501	0.024	0.035	10.8	8.96
11		16.80	32.79	8.09	10.57	1.730	0.187	0.286	0.015	0.078	4.0	.82

(Onsan, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.60	32.52	8.23	8.37	2.060	0.000	0.310	0.000	0.032	4.5	-
1999		17.50	33.01	8.26	8.99	1.370	0.000	0.338	0.000	0.030	4.5	-
2000		17.40	32.84	8.14	7.74	2.390	0.000	0.426	0.000	0.043	3.9	7.86
2001		17.20	33.07	7.96	7.04	2.330	0.000	0.308	0.000	0.041	4.4	3.84
2002		16.00	30.12	8.05	7.41	1.950	0.334	0.515	0.031	0.056	4.1	2.89
2003		16.10	32.65	8.04	9.67	2.010	0.271	0.535	0.017	0.042	3.8	4.75
2		11.20	33.25	7.93	9.84	1.630	0.334	0.677	0.022	0.042	2.0	1.03
5		15.60	32.94	8.08	10.14	2.040	0.141	0.470	0.023	0.048	3.6	4.32
8		21.10	32.08	8.07	8.64	2.510	0.469	0.636	0.010	0.020	6.2	12.31
11		16.60	32.32	8.07	10.05	1.850	0.141	0.357	0.011	0.059	3.4	1.35

(Busan, 11 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.50	32.19	8.15	7.84	1.660	0.000	0.320	0.000	0.050	3.5	-
1999		17.50	32.88	8.28	8.33	1.380	0.000	0.425	0.000	0.029	5.6	-
2000		17.40	32.65	8.10	7.63	1.840	0.000	0.355	0.000	0.078	5.9	2.51
2001		17.30	33.06	7.99	7.08	1.990	0.000	0.311	0.000	0.037	5.5	2.49
2002		16.20	31.50	8.05	7.78	1.720	0.323	0.529	0.031	0.047	4.6	2.89
2003		16.50	32.00	8.07	9.12	1.850	0.260	0.480	0.026	0.045	5.0	3.75
2		10.80	33.37	7.99	10.55	1.680	0.311	0.547	0.021	0.035	4.8	1.44
5		15.60	32.32	8.09	9.29	1.720	0.276	0.495	0.020	0.040	3.5	5.39
8		22.90	29.69	8.16	6.51	2.210	0.254	0.498	0.027	0.039	7.4	6.99
11		16.50	32.60	8.03	10.11	1.790	0.197	0.379	0.035	0.065	4.3	1.17

Water Quality of Coasts(15-5)

(Haengam Bay, 1 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.10	30.77	8.33	9.06	3.140	0.000	0.376	0.000	0.092	4.1	-
1999		17.40	30.08	8.34	9.10	3.020	0.000	0.210	0.000	0.142	6.6	-
2000		16.30	30.82	8.17	7.50	2.420	0.000	0.568	0.000	0.209	5.7	6.69
2001		16.10	32.31	7.95	7.53	2.630	0.000	0.330	0.000	0.133	7.1	7.83
2002		16.00	31.36	8.02	9.13	2.600	0.599	1.164	0.128	0.169	3.9	7.92
2003		16.50	29.34	8.17	8.99	2.940	0.508	0.802	0.110	0.162	6.1	12.56
2		6.00	32.85	8.19	10.88	2.390	0.700	0.909	0.089	0.149	3.6	13.41
5		16.90	30.03	8.15	8.28	2.680	0.394	0.511	0.115	0.179	5.7	11.34
8		26.70	24.35	8.27	6.97	3.850	0.815	1.230	0.185	0.255	10.0	17.59
11		16.50	30.11	8.07	9.84	2.820	0.123	0.557	0.050	0.064	4.9	7.89

(Masan Bay, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.40	27.80	8.31	7.75	3.850	0.000	0.894	0.000	0.110	6.4	-
1999		17.60	27.78	8.44	9.90	4.220	0.000	0.491	0.000	0.065	7.1	-
2000		15.90	30.32	8.12	7.59	3.210	0.000	0.546	0.000	0.146	4.8	11.81
2001		16.50	30.67	7.83	6.95	2.720	0.000	0.479	0.000	0.106	6.4	10.90
2002		15.50	27.14	8.00	7.61	2.490	0.738	1.229	0.102	0.141	9.4	9.17
2003		16.10	29.12	7.84	9.14	2.710	0.545	0.756	0.120	0.145	6.6	15.61
2		5.60	31.84	7.08	11.81	2.500	0.699	0.896	0.054	0.104	3.2	14.75
5		17.60	28.97	8.16	7.38	2.590	0.470	0.592	0.071	0.094	4.5	17.82
8		24.80	23.90	8.19	7.23	3.180	0.699	0.938	0.259	0.219	14.4	25.67
11		16.20	31.77	7.94	10.15	2.560	0.311	0.597	0.095	0.164	4.4	4.18

(Jinhae Bay, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.60	30.39	8.22	8.41	2.230	0.000	0.268	0.000	0.031	3.5	-
1999		17.20	28.45	8.35	8.83	2.300	0.000	0.235	0.000	0.027	4.5	-
2000		16.60	30.51	8.16	7.96	2.760	0.000	0.367	0.000	0.072	5.8	10.20
2001		16.40	31.83	7.96	7.24	2.160	0.000	0.248	0.000	0.042	5.2	7.76
2002		15.30	29.69	8.01	7.71	1.750	0.277	0.545	0.032	0.060	6.3	5.77
2003		16.60	29.00	8.09	9.31	2.240	0.214	0.520	0.036	0.064	3.8	7.98
2		5.80	32.43	8.09	10.62	1.880	0.205	0.484	0.019	0.045	3.0	5.42
5		18.20	29.62	8.07	8.96	2.780	0.152	0.571	0.024	0.060	3.3	9.61
8		26.70	22.08	8.25	8.31	2.550	0.330	0.564	0.055	0.066	5.6	13.69
11		15.80	31.86	7.93	9.36	1.740	0.167	0.462	0.047	0.086	3.2	3.19

(Eastern coast of Geoje, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.60	32.37	8.20	8.47	1.620	0.000	0.229	0.000	0.026	3.4	-
1999		17.80	31.05	8.23	8.60	1.490	0.000	0.318	0.000	0.020	7.0	-
2000		17.40	31.42	8.14	7.58	1.420	0.000	0.367	0.000	0.039	5.5	4.21
2001		17.30	32.81	8.08	7.19	1.390	0.000	0.180	0.000	0.024	5.5	4.05
2002		16.60	32.45	8.05	9.07	1.120	0.154	0.329	0.017	0.028	3.6	1.93
2003		17.40	30.57	8.11	9.35	1.460	0.131	0.382	0.012	0.038	4.5	4.97
2		11.50	33.99	8.04	10.47	1.520	0.121	0.325	0.013	0.033	3.3	1.50
5		16.20	29.91	8.10	10.09	1.460	0.157	0.471	0.011	0.038	4.0	9.03
8		25.60	26.60	8.25	7.02	1.810	0.158	0.373	0.009	0.021	4.8	8.14
11		16.40	31.77	8.03	9.82	1.030	0.088	0.358	0.015	0.058	5.7	1.21

Water Quality of Coasts(15-6)

(Southern coast of Geoje, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.60	32.49	8.10	7.89	1.600	0.000	0.133	0.000	0.020	4.6	-
1999		16.40	31.87	8.09	6.92	1.330	0.000	0.097	0.000	0.014	3.4	-
2000		15.80	33.37	8.09	7.54	0.840	0.000	0.102	0.000	0.018	7.0	1.99
2001		16.80	33.04	8.16	7.20	0.810	0.000	0.072	0.000	0.019	12.3	2.70
2002		15.70	32.89	7.95	7.13	0.990	0.092	0.345	0.020	0.055	5.5	1.31
2003		16.20	31.84	8.22	8.79	0.870	0.107	0.639	0.016	0.054	8.3	2.27
2		9.90	33.12	8.19	10.48	0.260	0.113	1.140	0.015	0.100	14.5	1.44
5		15.70	32.39	8.14	8.79	0.970	0.091	0.225	0.009	0.026	4.4	1.57
8		22.70	29.32	8.32	7.41	1.240	0.036	0.763	0.006	0.012	10.3	4.70
11		16.60	32.54	8.22	8.49	1.000	0.187	0.427	0.033	0.076	4.0	1.35

(Tongyeong, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.60	32.09	8.03	7.94	2.010	0.000	0.190	0.000	0.022	5.4	-
1999		16.40	31.29	8.01	6.39	1.480	0.000	0.149	0.000	0.021	4.6	-
2000		15.50	32.93	8.12	7.89	1.720	0.000	0.089	0.000	0.015	7.2	4.97
2001		16.30	32.82	8.12	7.64	1.440	0.000	0.101	0.000	0.027	14.3	4.92
2002		15.40	32.58	7.93	7.66	1.150	0.116	0.361	0.027	0.057	8.1	1.24
2003		16.00	31.35	8.23	8.26	1.340	0.130	0.568	0.019	0.047	9.9	3.83
2		7.20	32.43	8.20	10.31	0.520	0.113	0.774	0.017	0.042	11.9	4.25
5		16.60	31.95	8.28	7.56	1.290	0.102	0.275	0.011	0.027	10.1	4.18
8		23.90	28.83	8.32	6.64	2.190	0.060	0.733	0.004	0.017	9.9	5.35
11		16.20	32.19	8.10	8.53	1.360	0.244	0.490	0.042	0.101	7.6	1.53

(Outer coast of Tongyeong, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.60	32.53	8.08	7.96	1.670	0.000	0.128	0.000	0.018	3.6	-
1999		16.70	32.01	8.08	6.85	1.070	0.000	0.065	0.000	0.011	3.4	-
2000		15.90	33.30	8.20	7.87	1.000	0.000	0.064	0.000	0.014	6.1	1.80
2001		16.70	33.00	8.19	7.39	0.660	0.000	0.061	0.000	0.020	12.0	2.26
2002		15.80	32.93	7.91	7.29	0.910	0.082	0.320	0.022	0.057	6.9	1.12
2003		16.70	31.93	8.25	8.47	1.200	0.095	0.767	0.013	0.057	8.1	2.49
2		9.40	33.08	8.16	9.77	0.250	0.127	1.333	0.017	0.112	9.8	2.61
5		15.60	32.38	8.24	7.98	0.970	0.062	0.383	0.005	0.018	4.1	4.22
8		24.80	29.82	8.32	8.31	1.750	0.028	1.000	0.005	0.014	9.8	1.77
11		16.80	32.45	8.29	7.82	1.820	0.162	0.353	0.024	0.082	8.7	1.34

(Goseong-Jaran Bay, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.00	31.41	8.09	8.16	1.500	0.000	0.153	0.000	0.019	5.4	-
1999		16.60	29.94	8.06	6.49	1.190	0.000	0.108	0.000	0.013	4.5	-
2000		15.70	33.14	8.04	7.43	1.270	0.000	0.045	0.000	0.014	7.5	2.09
2001		16.50	32.31	8.10	7.07	1.270	0.000	0.082	0.000	0.023	9.9	1.53
2002		15.30	32.26	7.94	7.57	1.110	0.069	0.374	0.016	0.049	7.4	.81
2003		16.70	31.15	8.22	7.79	1.450	0.072	0.754	0.014	0.055	7.0	1.68
2		5.70	32.41	8.20	10.79	0.550	0.073	1.225	0.015	0.116	10.1	.59
5		18.20	31.74	8.22	7.79	1.500	0.043	0.529	0.004	0.015	6.4	2.10
8		26.70	28.67	8.35	4.91	1.780	0.027	0.766	0.007	0.018	8.9	2.69
11		16.30	31.79	8.12	7.65	1.980	0.145	0.497	0.029	0.071	2.7	1.34

Water Quality of Coasts(15-7)

(Samcheonpo, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.00	31.09	8.07	7.93	1.740	0.000	0.169	0.000	0.024	6.2	-
1999		16.70	30.68	8.09	6.52	1.140	0.000	0.116	0.000	0.017	4.3	-
2000		15.90	32.54	8.09	7.15	1.410	0.000	0.047	0.000	0.022	7.5	2.68
2001		16.10	32.12	8.16	7.56	0.980	0.000	0.071	0.000	0.027	18.3	3.14
2002		16.00	31.45	7.95	7.35	1.520	0.085	0.351	0.016	0.052	6.3	1.63
2003		16.70	31.38	8.26	8.18	1.270	0.091	0.473	0.017	0.046	7.8	2.16
2		7.40	32.61	8.31	10.10	0.550	0.092	0.561	0.012	0.077	9.0	2.14
5		17.40	31.55	8.24	7.93	1.140	0.045	0.239	0.007	0.015	6.5	1.72
8		24.00	29.04	8.23	6.04	1.710	0.063	0.393	0.009	0.021	9.7	3.44
11		17.90	32.31	8.26	8.65	1.670	0.162	0.700	0.040	0.070	6.1	1.35

(Jinju Bay, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.50	26.93	7.95	8.90	2.230	0.000	0.446	0.000	0.034	8.8	-
1999		16.40	26.19	8.04	7.02	1.740	0.000	0.168	0.000	0.025	9.5	-
2000		15.80	32.53	8.07	7.42	1.570	0.000	0.057	0.000	0.022	8.0	2.96
2001		16.20	31.12	8.15	7.79	1.260	0.000	0.089	0.000	0.032	22.0	3.65
2002		15.50	31.50	7.95	7.74	1.630	0.082	0.337	0.025	0.068	6.8	1.40
2003		16.50	30.32	8.24	8.60	1.450	0.087	0.372	0.018	0.067	5.2	1.69
2		6.00	32.16	8.36	10.44	0.700	0.060	0.368	0.014	0.115	4.7	1.46
5		18.20	29.83	8.24	7.89	1.500	0.034	0.254	0.009	0.013	3.9	1.28
8		25.20	27.70	8.20	7.17	1.720	0.064	0.501	0.008	0.019	9.9	2.77
11		16.60	31.57	8.15	8.88	1.870	0.188	0.366	0.042	0.120	2.4	1.26

(Southern coast of Namhae, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.60	31.49	8.11	8.13	1.640	0.000	0.062	0.000	0.019	9.1	-
1999		17.30	31.39	8.21	8.73	1.770	0.000	0.045	0.000	0.008	4.3	-
2000		17.20	32.99	8.23	7.27	1.140	0.000	0.068	0.000	0.018	8.8	.47
2001		17.20	33.12	8.20	9.04	1.480	0.000	0.050	0.000	0.024	10.1	.83
2002		15.80	32.57	8.11	8.32	1.120	0.111	0.318	0.016	0.039	24.7	1.12
2003		16.70	32.57	8.00	9.85	1.450	0.069	0.205	0.008	0.036	6.4	1.14
2		8.70	34.44	8.02	10.85	0.840	0.127	0.146	0.016	0.058	8.8	1.36
5		16.20	32.76	7.85	9.92	1.710	0.034	0.156	0.003	0.030	9.1	1.35
8		25.10	30.27	7.81	10.97	2.060	0.035	0.110	0.001	0.027	2.9	1.02
11		16.60	32.81	8.30	7.66	1.200	0.079	0.409	0.012	0.028	4.6	.83

(Gwangyang Bay, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.30	27.74	8.19	10.21	2.210	0.000	0.145	0.000	0.058	14.6	-
1999		17.00	29.03	8.17	9.50	2.760	0.000	0.174	0.000	0.039	11.3	-
2000		16.90	30.43	8.29	8.11	2.030	0.000	0.137	0.000	0.063	22.2	2.02
2001		17.00	32.04	8.12	9.01	2.110	0.000	0.149	0.000	0.110	10.0	1.50
2002		16.50	31.36	8.08	9.10	2.080	0.204	0.354	0.047	0.084	21.4	1.28
2003		16.20	30.71	7.94	10.78	2.450	0.103	0.311	0.021	0.060	8.9	3.28
2		5.60	33.47	8.19	12.82	2.870	0.033	0.142	0.009	0.049	9.6	4.25
5		17.30	31.02	7.73	11.95	2.380	0.059	0.277	0.008	0.041	13.3	3.59
8		25.00	25.81	7.86	10.85	2.880	0.117	0.173	0.019	0.068	6.3	5.13
11		16.80	32.52	7.99	7.50	1.650	0.202	0.651	0.047	0.082	6.2	.16

Water Quality of Coasts(15-8)

(Yeosu, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.20	29.50	8.12	9.12	1.770	0.000	0.088	0.000	0.044	10.7	-
1999		17.00	29.94	8.18	9.25	2.220	0.000	0.079	0.000	0.036	8.4	-
2000		16.80	31.58	8.31	8.16	1.210	0.000	0.075	0.000	0.039	14.2	1.89
2001		16.70	32.60	8.14	8.83	1.850	0.000	0.086	0.000	0.047	16.2	1.29
2002		15.50	30.63	8.08	8.61	1.630	0.215	0.464	0.032	0.062	23.9	1.61
2003		16.20	31.69	7.99	10.66	2.390	0.067	0.229	0.011	0.041	7.4	2.67
2		6.70	34.13	8.03	11.84	2.960	0.052	0.112	0.017	0.048	10.0	2.73
5		16.70	31.21	7.88	11.82	2.730	0.038	0.189	0.003	0.032	8.6	3.59
8		24.70	28.79	7.86	11.36	2.620	0.049	0.118	0.004	0.044	5.7	3.83
11		16.50	32.63	8.19	7.60	1.230	0.130	0.496	0.021	0.038	5.3	.54

가 (Gamak Bay, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.00	30.89	8.10	9.29	2.000	0.000	0.070	0.000	0.015	11.2	-
1999		17.50	30.95	8.15	8.50	2.200	0.000	0.081	0.000	0.011	7.4	-
2000		16.20	32.55	8.26	8.44	1.710	0.000	0.066	0.000	0.030	15.7	1.23
2001		16.60	32.86	8.13	8.41	1.880	0.000	0.065	0.000	0.030	23.8	1.47
2002		15.20	31.92	8.03	8.71	1.230	0.156	0.350	0.027	0.049	32.9	1.26
2003		16.00	31.98	7.95	9.81	1.430	0.069	0.230	0.013	0.043	9.4	1.69
2		6.30	33.95	8.05	11.51	1.060	0.057	0.140	0.015	0.051	8.1	1.19
5		16.90	32.53	7.86	9.48	1.390	0.030	0.173	0.004	0.036	14.7	3.37
8		25.30	29.25	7.90	10.89	2.080	0.044	0.084	0.008	0.041	5.2	1.91
11		15.60	32.19	7.97	7.36	1.200	0.143	0.522	0.023	0.042	9.6	.27

(Yeoja, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.70	29.07	8.05	9.37	1.710	0.000	0.121	0.000	0.026	14.3	-
1999		17.90	28.44	8.13	8.58	2.150	0.000	0.129	0.000	0.016	10.4	-
2000		15.70	32.00	8.19	8.93	1.400	0.000	0.071	0.000	0.023	17.5	.92
2001		16.50	31.69	8.07	8.78	1.940	0.000	0.107	0.000	0.043	17.4	2.11
2002		15.20	30.19	8.09	9.00	1.770	0.199	0.480	0.029	0.063	34.3	1.97
2003		16.20	30.23	8.03	10.33	2.310	0.063	0.256	0.008	0.048	18.7	2.55
2		4.10	33.45	8.12	12.86	3.220	0.051	0.139	0.006	0.042	21.1	1.46
5		18.00	31.18	7.78	9.35	1.770	0.049	0.250	0.002	0.037	17.3	3.71
8		27.00	25.12	7.86	11.46	2.650	0.075	0.179	0.003	0.056	22.3	4.04
11		15.70	31.15	8.37	7.64	1.580	0.078	0.457	0.019	0.056	14.2	.99

(Goheung, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.10	31.62	8.10	8.90	1.700	0.000	0.056	0.000	0.014	13.7	-
1999		16.80	31.21	8.18	8.98	1.430	0.000	0.079	0.000	0.016	9.4	-
2000		15.40	32.89	8.10	8.64	1.380	0.000	0.073	0.000	0.025	13.1	.50
2001		16.50	32.82	8.17	9.36	1.500	0.000	0.087	0.000	0.034	17.1	1.02
2002		15.30	32.35	8.04	8.53	1.410	0.134	0.361	0.020	0.043	31.5	1.16
2003		15.80	32.27	7.85	9.76	1.250	0.075	0.219	0.010	0.042	15.8	1.09
2		5.90	33.87	8.00	11.70	0.950	0.098	0.154	0.013	0.048	15.4	1.07
5		16.60	32.77	7.50	8.88	1.270	0.087	0.206	0.008	0.045	29.4	1.38
8		25.20	30.23	7.81	10.56	1.330	0.023	0.105	0.004	0.037	6.9	1.36
11		15.60	32.21	8.07	7.88	1.430	0.090	0.412	0.014	0.039	11.3	.55

Water Quality of Coasts(15-9)

(Deungnyang, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.40	30.72	8.14	10.22	1.730	0.000	0.031	0.000	0.007	12.2	-
1999		17.10	30.63	8.19	8.76	1.530	0.000	0.068	0.000	0.011	6.3	-
2000		16.10	32.54	8.17	9.23	1.660	0.000	0.059	0.000	0.029	15.7	.67
2001		16.70	32.58	8.11	9.31	1.800	0.000	0.070	0.000	0.023	13.5	1.13
2002		15.50	31.32	8.06	8.45	1.440	0.128	0.410	0.016	0.035	31.6	1.32
2003		16.00	31.57	7.97	10.06	1.810	0.078	0.253	0.010	0.044	16.7	1.28
2		5.30	33.47	8.07	12.47	2.450	0.100	0.159	0.011	0.058	25.9	.56
5		18.10	32.03	7.58	8.28	1.500	0.092	0.207	0.007	0.042	28.4	1.46
8		25.10	28.85	8.07	11.46	1.890	0.031	0.145	0.006	0.039	4.0	2.51
11		15.30	31.92	8.17	8.01	1.380	0.090	0.502	0.016	0.037	8.4	.59

(Jeju, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.70	32.48	8.13	7.14	1.420	0.000	0.286	0.000	0.026	7.1	-
1999		17.80	32.64	8.11	8.31	1.050	0.000	0.252	0.000	0.026	6.7	-
2000		18.50	32.98	8.13	8.08	1.140	0.000	0.182	0.000	0.008	6.7	2.40
2001		19.90	32.53	8.07	7.66	1.120	0.000	0.142	0.000	0.016	3.6	1.60
2002		17.50	32.96	8.10	8.05	0.750	0.217	0.392	0.011	0.022	6.6	1.67
2003		18.90	32.83	8.04	7.84	1.160	0.282	0.548	0.012	0.033	8.0	1.72
2		14.00	34.78	8.30	8.16	1.410	0.377	0.562	0.015	0.034	12.6	.40
5		16.80	33.89	8.08	8.27	0.770	0.242	0.527	0.003	0.031	2.8	2.80
8		25.20	30.22	7.86	7.98	1.740	0.251	0.642	0.015	0.043	3.5	3.17
11		19.50	32.43	7.93	6.94	0.710	0.257	0.459	0.013	0.024	12.9	.49

1.

(15-10)

(Joecheon, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.90	32.85	8.18	6.95	1.070	0.000	0.052	0.000	0.016	7.5	-
1999		17.60	33.81	8.20	8.51	0.570	0.000	0.050	0.000	0.011	6.0	-
2000		18.30	33.45	8.17	7.94	0.670	0.000	0.090	0.000	0.010	5.9	.96
2001		19.90	32.71	8.12	7.90	1.150	0.000	0.084	0.000	0.015	4.4	.62
2002		18.00	33.51	8.11	7.83	0.690	0.106	0.172	0.008	0.017	2.2	.67
2003		18.90	33.37	8.12	7.83	0.700	0.090	0.362	0.004	0.019	3.8	1.54
2		13.90	34.75	8.33	8.30	0.410	0.193	0.357	0.005	0.025	2.1	.65
5		16.70	34.09	8.15	8.37	1.290	0.044	0.182	0.002	0.018	1.5	3.13
8		25.80	31.16	8.01	7.26	0.670	0.027	0.613	0.004	0.015	2.8	1.63
11		19.30	33.47	7.98	7.38	0.410	0.096	0.294	0.004	0.016	8.9	.73

(Seongsan, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		18.80	32.74	8.17	7.28	1.250	0.000	0.141	0.000	0.019	7.6	-
1999		18.00	33.66	8.21	8.34	0.770	0.000	0.075	0.000	0.016	6.7	-
2000		19.10	33.07	8.17	7.86	0.900	0.000	0.136	0.000	0.009	6.1	1.59
2001		19.40	32.56	8.12	8.06	0.970	0.000	0.121	0.000	0.011	3.9	.66
2002		18.10	33.47	8.13	7.91	0.870	0.135	0.235	0.008	0.015	4.1	1.32
2003		18.10	33.26	8.11	7.82	0.890	0.205	0.479	0.004	0.023	3.2	1.44
2		12.70	33.76	8.37	8.64	0.790	0.392	0.549	0.005	0.031	3.7	.70
5		16.70	33.96	8.16	8.17	1.410	0.113	0.294	0.003	0.027	1.5	1.95
8		23.50	31.77	8.03	7.30	0.740	0.144	0.634	0.003	0.013	2.7	2.68
11		19.50	33.55	7.88	7.15	0.610	0.172	0.439	0.006	0.022	4.7	.43

Water Quality of Coasts(15-10)

(Pyoseon, 1 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		20.30	33.29	8.19	7.11	0.910	0.000	0.043	0.000	0.015	6.8	-
1999		19.50	33.97	8.23	8.18	0.830	0.000	0.033	0.000	0.011	6.6	-
2000		20.40	33.25	8.21	7.86	0.570	0.000	0.072	0.000	0.007	6.8	.61
2001		21.00	32.84	8.12	7.77	0.790	0.000	0.071	0.000	0.010	4.4	.73
2002		19.70	33.51	8.15	7.60	0.930	0.087	0.189	0.005	0.011	2.4	1.17
2003		20.10	33.39	8.11	7.66	0.720	0.093	0.319	0.006	0.019	2.6	.78
2		16.20	34.81	8.35	8.09	0.080	0.134	0.331	0.008	0.026	3.0	.86
5		17.60	34.22	8.18	8.61	1.000	0.068	0.234	0.007	0.021	0.4	1.18
8		26.10	30.95	8.07	6.87	0.310	0.049	0.528	0.001	0.011	2.5	.76
11		20.50	33.58	7.84	7.07	1.500	0.122	0.184	0.009	0.018	4.4	.30

(Seogwipo, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		19.40	32.88	8.22	7.78	1.250	0.000	0.223	0.000	0.017	6.6	-
1999		19.10	33.18	8.22	8.27	0.950	0.000	0.190	0.000	0.015	5.7	-
2000		20.20	33.22	8.20	8.03	0.790	0.000	0.085	0.000	0.008	5.5	2.29
2001		20.90	32.55	8.14	7.88	1.020	0.000	0.134	0.000	0.012	3.5	2.00
2002		19.30	33.01	8.14	7.75	1.030	0.164	0.359	0.008	0.018	2.3	1.60
2003		20.10	33.03	8.12	7.85	1.170	0.298	0.580	0.009	0.040	5.0	1.05
2		15.70	34.39	8.25	8.34	0.940	0.257	0.406	0.008	0.030	10.6	.65
5		17.30	33.88	8.18	8.25	1.360	0.453	0.760	0.005	0.022	1.4	1.50
8		25.20	30.37	8.07	7.75	1.450	0.158	0.599	0.011	0.089	2.1	1.41
11		22.20	33.49	7.97	7.04	0.940	0.325	0.554	0.010	0.020	5.8	.65

(Daejeong, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		19.80	33.19	8.21	7.54	0.770	0.000	0.036	0.000	0.014	7.4	-
1999		18.60	33.83	8.23	8.05	0.630	0.000	0.081	0.000	0.016	6.4	-
2000		19.40	33.49	8.20	7.94	0.760	0.000	0.069	0.000	0.007	6.4	.90
2001		20.90	32.58	8.16	8.11	0.680	0.000	0.054	0.000	0.006	4.1	2.38
2002		18.90	33.63	8.14	7.62	0.650	0.105	0.196	0.008	0.017	2.0	.61
2003		19.50	33.68	8.19	7.78	0.810	0.071	0.315	0.005	0.023	2.7	.96
2		15.00	34.75	8.37	8.78	0.490	0.147	0.279	0.007	0.029	2.6	.91
5		17.40	34.25	8.18	8.14	1.290	0.037	0.158	0.001	0.017	2.0	1.49
8		23.50	31.65	8.06	7.29	1.020	0.050	0.528	0.003	0.033	3.1	.84
11		22.00	34.07	8.13	6.89	0.420	0.051	0.294	0.007	0.014	3.0	.61

(Hallim, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		19.60	32.96	8.23	7.36	1.110	0.000	0.098	0.000	0.019	6.3	-
1999		18.00	33.61	8.19	8.04	0.680	0.000	0.150	0.000	0.020	7.5	-
2000		18.60	33.11	8.19	8.16	0.870	0.000	0.130	0.000	0.009	6.5	1.55
2001		20.10	32.58	8.12	7.86	0.720	0.000	0.137	0.000	0.008	5.0	2.51
2002		17.80	33.44	8.13	7.80	0.810	0.149	0.255	0.009	0.023	4.3	.73
2003		18.90	33.37	8.15	7.95	1.090	0.166	0.469	0.005	0.030	3.5	2.08
2		13.70	34.57	8.34	8.37	0.680	0.284	0.434	0.008	0.028	2.6	.59
5		16.90	34.15	8.15	8.16	1.630	0.118	0.268	0.003	0.019	2.9	3.12
8		24.20	31.65	8.08	8.24	1.410	0.137	0.653	0.004	0.056	3.9	4.04
11		20.70	33.11	8.04	7.04	0.650	0.126	0.520	0.006	0.017	4.6	.57

Water Quality of Coasts(15-11)

(Wando, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.60	32.89	8.09	8.23	0.940	0.000	0.055	0.000	0.014	14.0	-
1999		16.30	32.82	8.07	7.81	0.950	0.000	0.102	0.000	0.017	13.8	-
2000		14.80	33.24	7.99	8.29	1.030	0.000	0.106	0.000	0.012	16.9	2.10
2001		15.20	33.66	8.10	8.52	0.950	0.000	0.107	0.000	0.016	12.5	1.64
2002		15.10	32.56	8.10	8.25	1.220	0.094	0.435	0.012	0.039	15.3	2.82
2003		15.70	32.88	8.07	8.39	1.350	0.078	0.204	0.012	0.026	7.4	1.91
2		8.00	32.99	8.04	11.08	0.720	0.083	0.298	0.014	0.018	10.5	1.73
5		15.30	33.00	8.16	7.69	1.430	0.101	0.174	0.010	0.042	7.0	4.80
8		23.70	31.24	7.99	8.24	1.390	0.045	0.153	0.020	0.030	7.0	.87
11		15.90	34.27	8.07	6.54	1.870	0.083	0.191	0.003	0.013	4.9	.24

(Doam Bay, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		17.10	31.41	8.12	8.08	1.280	0.000	0.073	0.000	0.019	17.3	-
1999		16.90	32.52	8.04	8.16	1.200	0.000	0.111	0.000	0.013	12.6	-
2000		15.10	33.08	8.02	8.20	0.850	0.000	0.078	0.000	0.017	13.5	2.80
2001		15.70	33.64	8.12	8.70	1.030	0.000	0.075	0.000	0.013	15.2	3.00
2002		15.70	31.73	8.14	8.08	1.190	0.090	0.479	0.012	0.034	15.4	3.16
2003		16.10	32.36	8.10	8.41	1.640	0.085	0.222	0.008	0.026	9.5	2.85
2		6.70	32.81	8.16	12.18	1.260	0.061	0.256	0.008	0.013	17.8	1.49
5		16.60	31.96	8.17	7.74	1.380	0.105	0.185	0.008	0.045	9.5	8.85
8		25.10	30.65	7.98	7.92	1.660	0.042	0.244	0.012	0.035	4.7	.76
11		16.10	34.01	8.10	5.79	2.260	0.133	0.203	0.003	0.010	5.8	.31

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(15-12)

(Jindo, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.00	32.98	8.09	8.08	0.900	0.000	0.080	0.000	0.013	30.4	-
1999		15.90	32.96	8.03	7.98	0.920	0.000	0.089	0.000	0.013	25.1	-
2000		14.40	33.09	7.98	8.62	0.850	0.000	0.120	0.000	0.015	33.4	2.08
2001		15.10	33.35	8.10	8.74	1.070	0.000	0.127	0.000	0.014	31.4	2.15
2002		14.60	32.40	8.08	8.29	1.200	0.138	0.578	0.013	0.052	21.3	2.41
2003		15.20	32.75	8.05	8.74	1.390	0.092	0.314	0.014	0.044	16.9	1.68
2		6.20	32.67	8.03	11.03	0.700	0.142	0.315	0.016	0.024	21.3	.61
5		15.00	32.90	8.12	7.91	1.320	0.081	0.208	0.009	0.108	28.9	5.02
8		23.40	31.50	7.93	7.98	1.780	0.062	0.498	0.029	0.035	10.5	.87
11		16.10	33.94	8.11	8.03	1.760	0.083	0.233	0.002	0.008	6.8	.20

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(Haenam Bay, 1 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.70	27.87	8.08	8.41	1.200	0.000	0.222	0.000	0.017	10.6	-
1999		16.20	31.04	8.17	7.89	1.330	0.000	0.106	0.000	0.013	11.4	-
2000		15.80	29.91	8.18	8.60	1.030	0.000	0.209	0.000	0.009	15.6	3.43
2001		15.30	32.27	8.15	8.74	1.310	0.000	0.200	0.000	0.014	16.8	3.59
2002		15.30	30.97	8.22	9.31	1.510	0.098	0.530	0.006	0.025	14.2	6.00
2003		16.50	30.48	8.12	10.28	1.590	0.116	0.285	0.009	0.018	13.2	5.61
2		4.70	32.29	8.15	12.44	1.090	0.043	0.328	0.006	0.012	19.5	5.37
5		18.20	29.25	8.25	10.17	1.960	0.116	0.260	0.005	0.020	19.5	14.13
8		25.90	27.92	7.99	10.37	1.380	0.184	0.226	0.023	0.029	9.5	2.60
11		17.10	32.44	8.08	8.14	1.920	0.122	0.324	0.002	0.011	4.1	.35

Water Quality of Coasts(15-12)

(Mokpo, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.10	24.91	8.07	8.27	1.810	0.000	0.277	0.000	0.020	12.7	-
1999		15.90	29.90	8.14	8.15	1.370	0.000	0.148	0.000	0.012	16.4	-
2000		15.10	31.31	8.07	8.69	1.320	0.000	0.144	0.000	0.011	18.6	3.75
2001		15.40	30.65	8.12	8.82	1.370	0.000	0.267	0.000	0.011	17.0	6.28
2002		15.20	29.99	8.21	8.88	1.860	0.149	0.443	0.008	0.031	11.3	6.12
2003		15.60	28.68	8.10	9.20	1.900	0.210	0.381	0.008	0.036	20.4	4.76
2		4.50	31.13	8.12	12.21	1.470	0.070	0.345	0.006	0.009	19.1	5.73
5		16.40	26.20	8.20	7.50	2.670	0.369	0.473	0.007	0.093	13.4	9.83
8		24.40	25.18	7.97	10.06	2.200	0.251	0.403	0.016	0.031	41.7	3.24
11		17.00	32.19	8.09	7.01	1.240	0.149	0.304	0.001	0.011	7.4	.25

(Sinan, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.80	31.69	8.07	8.15	1.050	0.000	0.192	0.000	0.017	19.4	-
1999		15.70	32.30	7.97	7.90	1.240	0.000	0.109	0.000	0.015	29.2	-
2000		14.70	32.37	8.00	8.51	1.070	0.000	0.146	0.000	0.010	31.5	2.25
2001		14.80	33.25	8.09	8.95	1.440	0.000	0.179	0.000	0.013	32.7	2.82
2002		14.40	31.73	8.09	8.21	1.360	0.156	0.529	0.014	0.044	21.2	2.63
2003		15.10	31.70	8.04	8.77	1.330	0.138	0.371	0.009	0.026	15.0	2.22
2		4.90	31.90	8.02	11.37	1.410	0.144	0.482	0.013	0.020	19.5	2.43
5		15.60	31.51	8.14	7.57	1.430	0.203	0.445	0.012	0.050	16.0	4.22
8		23.20	30.41	7.90	8.33	1.740	0.145	0.328	0.009	0.025	16.7	1.97
11		16.60	32.98	8.10	7.82	0.740	0.060	0.229	0.001	0.007	7.6	.25

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(15-13)

(Muan, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.50	30.36	8.14	8.34	1.190	0.000	0.116	0.000	0.013	24.4	-
1999		16.10	30.88	8.07	8.60	1.270	0.000	0.107	0.000	0.016	17.5	-
2000		14.80	31.55	8.00	8.64	1.280	0.000	0.118	0.000	0.016	42.6	3.03
2001		15.80	32.16	8.09	8.54	1.300	0.000	0.209	0.000	0.014	27.7	5.22
2002		14.90	30.96	8.10	8.01	1.330	0.149	0.507	0.012	0.039	17.4	3.52
2003		15.60	30.47	8.02	8.76	1.690	0.159	0.311	0.011	0.026	23.4	3.03
2		4.10	31.85	8.10	12.12	1.480	0.084	0.408	0.008	0.014	23.7	6.44
5		16.40	29.84	8.10	7.19	1.450	0.315	0.330	0.013	0.047	18.7	3.70
8		25.80	27.59	7.80	7.75	2.070	0.142	0.264	0.020	0.029	43.4	1.65
11		16.00	32.61	8.09	7.96	1.770	0.095	0.240	0.001	0.015	7.6	.31

(Hampyeong, 2 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.90	31.60	8.03	8.27	1.070	0.000	0.098	0.000	0.012	47.2	-
1999		15.60	31.91	8.02	8.23	1.230	0.000	0.110	0.000	0.012	42.8	-
2000		15.70	31.67	7.99	8.72	1.180	0.000	0.142	0.000	0.014	57.7	2.10
2001		15.30	32.00	8.03	8.76	1.620	0.000	0.220	0.000	0.014	36.0	2.53
2002		15.00	31.42	7.99	8.49	1.460	0.126	0.399	0.020	0.042	26.1	2.48
2003		15.50	31.75	7.99	8.57	1.620	0.169	0.328	0.016	0.040	32.0	1.68
2		4.00	33.33	7.99	11.63	1.280	0.135	0.273	0.022	0.027	54.0	.49
5		16.70	31.34	8.16	7.27	1.550	0.161	0.390	0.009	0.070	17.5	3.48
8		25.40	29.34	7.73	7.25	2.120	0.293	0.338	0.030	0.039	51.0	2.33
11		15.70	32.99	8.06	8.14	1.540	0.086	0.311	0.001	0.024	5.5	.40

Water Quality of Coasts(15-13)

(Gochang, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.90	31.36	8.21	9.43	1.400	0.000	0.108	0.000	0.018	33.8	-
1999		15.90	31.34	8.02	9.46	1.140	0.000	0.081	0.000	0.012	40.0	-
2000		15.20	30.66	8.10	8.19	1.910	0.000	0.202	0.000	0.024	31.8	1.00
2001		16.10	31.37	8.24	8.06	1.400	0.000	0.296	0.000	0.015	57.4	4.81
2002		14.70	31.28	8.20	8.62	1.480	0.422	0.692	0.029	0.095	65.6	3.54
2003		15.10	30.48	8.05	8.76	1.470	0.166	0.595	0.031	0.089	42.3	6.70
2		3.80	31.59	8.05	9.60	1.810	0.331	0.755	0.050	0.185	23.1	.83
5		15.80	30.48	8.07	9.10	1.470	0.138	0.896	0.015	0.052	55.1	2.98
8		25.10	28.32	8.08	7.78	1.390	0.082	0.317	0.015	0.058	68.9	19.30
11		15.50	31.52	8.01	8.55	1.200	0.112	0.410	0.045	0.061	22.1	3.69

(Jeonjupo, 6 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.20	31.13	8.24	8.98	1.200	0.000	0.111	0.000	0.015	28.0	-
1999		15.00	31.28	8.00	9.52	0.860	0.000	0.057	0.000	0.013	30.2	-
2000		14.40	29.84	8.09	8.50	1.650	0.000	0.229	0.000	0.026	19.4	.95
2001		17.50	31.49	8.12	7.57	1.230	0.000	0.210	0.000	0.013	12.7	2.90
2002		14.00	30.88	8.20	8.89	1.360	0.352	0.524	0.029	0.071	29.3	4.17
2003		14.00	30.46	8.06	8.82	1.440	0.176	0.658	0.027	0.061	32.0	6.57
2		3.60	31.59	8.06	9.45	1.630	0.287	0.639	0.043	0.117	8.0	1.13
5		13.40	30.42	8.04	9.77	1.300	0.175	1.241	0.009	0.037	48.7	3.69
8		23.40	28.61	8.14	7.57	1.340	0.105	0.357	0.009	0.031	62.2	19.54
11		15.40	31.22	8.01	8.48	1.470	0.136	0.396	0.046	0.058	9.0	1.90

1.

(15-14)

(Gunsan, 10 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.00	22.00	7.99	8.72	1.770	0.000	0.642	0.000	0.022	47.7	-
1999		15.30	23.90	7.96	9.93	1.400	0.000	0.540	0.000	0.019	26.4	-
2000		14.80	27.24	8.08	8.69	1.710	0.000	0.426	0.000	0.026	23.8	.98
2001		21.10	27.47	7.97	7.81	1.670	0.000	0.435	0.000	0.017	30.3	5.70
2002		13.90	24.98	8.12	8.38	1.720	0.847	1.145	0.038	0.101	47.5	5.54
2003		14.50	25.90	8.13	8.45	1.750	0.667	1.146	0.051	0.086	25.9	5.94
2		3.10	28.57	8.03	10.18	2.110	0.671	1.048	0.057	0.122	7.1	1.20
5		15.40	24.91	8.54	8.24	1.670	0.744	1.798	0.048	0.066	36.9	1.61
8		24.00	21.03	7.96	7.36	1.490	0.636	0.812	0.048	0.094	51.2	17.87
11		15.30	29.08	8.00	8.00	1.710	0.616	0.927	0.051	0.061	8.3	3.08

(Boryeong, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		15.90	30.56	8.27	8.97	1.510	0.000	0.080	0.000	0.015	19.7	-
1999		14.70	31.16	7.92	8.71	1.350	0.000	0.150	0.000	0.012	10.7	-
2000		14.50	31.31	7.89	7.14	0.820	0.000	0.086	0.000	0.019	11.6	.45
2001		15.10	31.29	7.98	7.98	1.270	0.000	0.103	0.000	0.012	22.0	.61
2002		14.10	31.20	8.03	7.93	1.180	0.089	0.334	0.024	0.054	15.5	1.55
2003		14.30	29.92	8.08	8.98	1.870	0.178	0.724	0.016	0.045	18.5	1.42
2		3.70	31.54	8.16	10.17	2.640	0.194	0.989	0.019	0.034	33.7	1.04
5		14.60	29.79	8.02	9.41	2.070	0.277	0.663	0.012	0.024	27.5	.43
8		24.20	27.10	8.07	7.94	1.610	0.120	0.777	0.012	0.078	4.9	3.06
11		14.80	31.23	8.06	8.40	1.170	0.119	0.468	0.021	0.043	7.8	1.16

Water Quality of Coasts(15-14)

(Cheonsu Bay, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		16.30	30.40	8.29	9.41	1.520	0.000	0.079	0.000	0.012	22.5	-
1999		14.70	29.91	7.91	8.63	1.430	0.000	0.201	0.000	0.023	11.3	-
2000		14.60	31.23	7.87	7.16	0.960	0.000	0.093	0.000	0.017	11.7	.65
2001		15.20	31.26	7.90	7.75	1.340	0.000	0.140	0.000	0.016	19.1	.99
2002		14.20	30.86	8.13	7.97	1.330	0.105	0.333	0.022	0.057	19.0	2.54
2003		14.30	29.90	8.01	9.29	2.030	0.147	0.642	0.013	0.048	8.6	4.44
2		3.10	31.05	7.97	10.73	1.700	0.209	0.826	0.012	0.039	14.8	2.74
5		14.90	30.52	8.04	10.36	1.680	0.147	0.534	0.007	0.026	6.0	1.51
8		24.50	26.98	7.98	8.12	3.400	0.134	0.807	0.010	0.079	6.4	12.09
11		14.60	31.04	8.03	7.96	1.350	0.097	0.401	0.023	0.048	7.2	1.41

(Taeon, 5 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.90	31.75	8.14	8.62	0.700	0.000	0.102	0.000	0.014	23.9	-
1999		13.50	31.44	7.93	8.84	1.220	0.000	0.127	0.000	0.015	11.4	-
2000		13.10	31.59	7.88	7.54	0.850	0.000	0.099	0.000	0.017	13.5	.48
2001		13.80	31.37	7.90	7.91	1.210	0.000	0.149	0.000	0.018	16.5	.41
2002		13.10	31.39	8.03	8.16	1.160	0.101	0.275	0.022	0.056	17.3	2.65
2003		12.90	30.82	8.01	9.59	1.510	0.132	0.569	0.015	0.037	14.9	2.13
2		3.70	31.44	7.94	10.67	1.520	0.186	0.864	0.017	0.036	22.0	1.64
5		11.20	31.36	7.99	10.33	1.350	0.146	0.507	0.009	0.024	24.2	2.30
8		22.00	29.31	8.02	8.80	1.810	0.054	0.532	0.009	0.045	4.6	2.98
11		14.60	31.17	8.10	8.54	1.350	0.141	0.372	0.023	0.041	8.6	1.58

가 (Garolim, 3 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.20	31.73	8.03	8.21	0.890	0.000	0.156	0.000	0.017	30.8	-
1999		13.00	31.35	7.92	8.74	1.210	0.000	0.182	0.000	0.014	14.4	-
2000		12.70	31.42	7.95	7.18	0.940	0.000	0.133	0.000	0.020	21.5	.70
2001		13.10	31.45	7.83	7.72	1.090	0.000	0.152	0.000	0.015	24.9	.48
2002		12.50	31.33	8.04	8.28	1.100	0.155	0.231	0.028	0.071	22.5	1.46
2003		12.20	30.89	7.96	9.67	1.550	0.185	0.537	0.018	0.039	17.6	2.18
2		3.70	31.24	7.92	11.17	1.770	0.213	0.753	0.022	0.035	36.0	.93
5		10.20	31.33	7.90	10.21	1.550	0.224	0.569	0.017	0.029	20.0	4.60
8		19.80	30.51	7.91	8.96	1.410	0.112	0.415	0.012	0.046	4.7	2.10
11		14.90	30.46	8.09	8.33	1.450	0.192	0.412	0.020	0.044	9.7	1.09

(Daesan, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.20	31.18	8.03	8.32	0.760	0.000	0.202	0.000	0.025	28.0	-
1999		13.10	31.00	7.95	9.19	1.410	0.000	0.221	0.000	0.014	22.0	-
2000		12.70	31.02	7.95	7.54	0.910	0.000	0.190	0.000	0.023	26.4	.50
2001		13.00	30.92	7.82	7.62	1.380	0.000	0.198	0.000	0.019	21.4	.50
2002		12.40	30.88	8.01	8.05	0.810	0.177	0.324	0.028	0.063	20.8	1.51
2003		12.20	30.45	7.96	9.55	1.620	0.262	0.674	0.021	0.044	15.8	1.89
2		2.80	31.12	7.98	11.07	2.130	0.268	0.847	0.022	0.038	32.9	1.39
5		10.40	30.96	7.89	9.88	1.230	0.294	0.697	0.020	0.027	16.9	3.70
8		20.40	29.92	7.86	8.95	1.730	0.246	0.595	0.018	0.066	4.7	1.08
11		15.20	29.81	8.12	8.30	1.370	0.238	0.556	0.023	0.045	8.8	1.40

Water Quality of Coasts(15-15)

(Asan, 4 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.70	30.14	8.01	8.24	1.010	0.000	0.313	0.000	0.026	31.0	-
1999		13.70	29.57	8.03	9.33	1.590	0.000	0.308	0.000	0.022	14.6	-
2000		13.20	30.29	7.94	7.27	1.290	0.000	0.248	0.000	0.022	18.7	.65
2001		13.60	30.12	7.83	7.73	1.210	0.000	0.302	0.000	0.020	20.4	.68
2002		12.60	29.69	8.02	8.17	1.010	0.297	0.381	0.030	0.077	19.9	1.56
2003		12.70	29.49	7.92	9.44	1.680	0.458	0.855	0.024	0.049	19.9	1.74
2		2.30	30.93	7.91	11.86	2.120	0.379	0.873	0.022	0.040	20.2	1.46
5		12.10	29.21	7.90	9.75	1.390	0.659	0.962	0.022	0.031	40.2	2.01
8		21.30	28.51	7.79	8.07	1.720	0.470	0.944	0.025	0.073	5.1	1.84
11		14.90	29.29	8.07	8.08	1.500	0.323	0.639	0.025	0.052	13.9	1.66

(Incheon, 15 stations)

	Layer	Temp. ()	Sal. (%)	PH	Do (mg/)	COD (mg/)	DIN (mg/)	T - N (mg/)	DIP (mg/)	T-P (mg/)	(PO ₄ -P) SPM (mg/)	Chl-a (µg/L)
1998		14.50	29.09	7.98	8.56	1.540	0.000	0.449	0.000	0.030	41.5	-
1999		13.90	29.27	7.95	9.15	1.580	0.000	0.547	0.000	0.031	22.9	-
2000		13.30	29.74	7.92	7.58	1.480	0.000	0.454	0.000	0.031	31.3	.98
2001		13.60	29.67	7.84	7.61	1.380	0.000	0.445	0.000	0.031	29.9	.90
2002		12.80	29.22	8.04	8.33	1.310	0.440	0.703	0.035	0.114	27.6	4.61
2003		12.80	28.03	7.90	9.29	1.750	0.778	1.335	0.033	0.063	19.3	2.85
2		2.30	30.25	7.95	12.04	2.700	0.570	1.321	0.024	0.041	17.3	5.74
5		13.10	27.91	7.82	8.93	1.230	1.001	1.471	0.034	0.046	33.5	2.15
8		22.60	25.58	7.79	7.45	1.660	0.838	1.383	0.038	0.101	11.3	2.02
11		13.20	28.38	8.04	8.73	1.400	0.701	1.163	0.035	0.065	14.9	1.49

2. (5-1)
Condition of Marine Pollution by Accident

(: /kl)

		Incheon	Taejeon	Gunsan	Mokpo	Jeju	Wando	Yeosu	Tongyeong	Busan	Ulsan	Pohang	Donghae	Sokcho		
1994		3,933	349	237	172	285	338	10	258	458	704	352	292	233	245	
	(kl)	25,948.9	201.8	310.4	702.4	418.1	782.2	1.4	8,426.0	2,382.6	6,202.7	5,513.3	906.3	46.8	54.9	
1995		365	56	25	9	18	38	0	24	32	79	38	19	7	20	
	(kl)	456.1	18.8	1.5	8.5	52.4	28.5	.0	69.0	3.5	180.8	71.3	20.1	.5	1.2	
1996		299	33	16	15	11	28	0	18	33	61	36	22	17	9	
	(kl)	15,775.9	36.0	20.6	1.4	30.6	5.6	.0	6,642.4	41.8	3,943.7	5,011.2	41.4	.8	.4	
1997		337	28	20	10	27	28	0	22	33	72	33	23	18	23	
	(kl)	1,720.1	11.6	18.0	430.5	62.5	263.5	.0	82.9	393.1	409.4	35.6	10.0	.7	2.3	
1998		379	36	10	17	28	31	0	20	48	43	35	31	36	44	
	(kl)	3,441.0	9.7	.6	2.4	142.9	53.2	.0	7.7	1,703.7	741.1	18.7	722.4	25.3	13.3	
1999		470	44	19	17	39	32	0	17	50	65	40	51	51	45	
	(kl)	1,050.2	37.0	5.0	1.0	17.6	128.9	.0	468.8	28.0	24.5	318.0	12.0	7.5	1.9	
2000		463	35	25	11	48	33	0	31	72	69	45	39	29	26	
	(kl)	386.9	23.1	2.7	19.6	11.7	106.9	.0	76.8	18.5	60.6	43.9	21.6	1.0	.5	
2001		483	38	36	28	30	46	0	37	71	86	37	18	24	32	
	(kl)	583.0	58.5	194.7	9.8	9.2	95.7	.0	98.5	48.6	11.1	3.6	42.0	7.9	3.4	
2002		455	34	29	19	33	40	0	36	41	100	35	36	29	23	
	(kl)	668.1	2.4	24.5	16.5	24.6	4.7	.0	232.9	10.4	339.7	5.8	3.5	2.4	.7	
2003		385	22	43	30	27	35	2	25	42	75	28	32	13	11	
	(kl)	409.9	2.6	37.9	207.1	8.6	62.9	.3	25.8	27.9	9.8	1.6	24.8	.2	.4	
2003		297	23	14	16	24	27	8	28	36	54	25	21	9	12	
	(kl)	1,457.7	2.1	4.9	5.6	58.0	32.3	1.1	721.2	107.1	482.0	3.6	8.5	.5	30.8	

2. (5-2)
Condition of Marine Pollution by Accident

(: /kl)

			(kl)					()	
		3,933	3,724	664	1,318	1,204	538	167	42
	(kl)	25,948.9	25,513.5	10,172.5	8,361.1	313.4	6,666.5	176.6	258.8
1994		365	339	68	117	91	63	18	8
	(kl)	456.1	418.1	211.5	162.7	26.6	17.3	10.9	27.1
1995		299	285	78	83	84	40	12	2
	(kl)	15,775.9	15,772.9	4,352.5	5,746.6	76.1	5,597.7	2.8	.2
1996		337	312	66	113	84	49	21	4
	(kl)	1,720.1	1,659.5	525.3	627.5	26.3	480.4	57.8	2.8
1997		379	357	64	132	115	46	20	2
	(kl)	3,441.0	3,427.9	2,397.4	687.9	16.8	325.8	12.7	.4
1998		470	442	71	136	171	64	25	3
	(kl)	1,050.2	1,038.2	831.4	176.0	17.6	13.2	11.3	.7
1999		463	430	68	131	169	62	28	5
	(kl)	386.9	346.6	53.6	130.2	38.8	124.0	39.1	1.2
2000		483	463	65	144	186	68	17	3
	(kl)	583.0	569.3	233.1	288.5	19.1	28.6	10.5	3.2
2001		455	440	74	163	144	59	11	4
	(kl)	668.1	630.5	322.0	161.0	73.6	73.9	27.2	10.4
2002		385	372	52	183	87	50	7	6
	(kl)	409.9	198.8	51.4	138.6	5.4	3.4	.4	210.7
2003		297	284	58	116	73	37	8	5
	(kl)	1,457.7	1,451.7	1,194.3	242.1	13.1	2.2	3.9	2.1

Note : The data since 1995 was not included the small scale pollutions which not affected to the marine environment and the illegal discharges made in old times, which were disclosed by inspectors.
Source : National Maritime Police Agency

2. (5-3)
Condition of Marine Pollution by Accident

(: /kl)

			(kl)					()	
		297 (kl) 1,457.7	284 1,451.7	58 1,194.3	116 242.1	73 13.1	37 2.2	8 3.9	5 2.1
1		16 (kl) 5.2	16 5.2	3 2.1	6 2.7	5 .2	2 .2	0 .0	0 .0
2		22 (kl) 4.3	20 2.3	5 1.7	4 .2	9 .4	2 .0	0 .0	2 2.0
3		23 (kl) 60.6	20 60.1	5 .5	6 59.4	5 .2	4 .0	3 .5	0 .0
4		29 (kl) 38.2	28 38.1	6 9.1	14 25.2	6 2.7	2 1.1	0 .0	1 .1
5		23 (kl) 55.9	23 55.9	4 21.6	12 34.2	4 .1	3 .0	0 .0	0 .0
6		31 (kl) 6.7	30 6.7	4 .1	15 5.2	8 1.3	3 .1	0 .0	1 .0
7		27 (kl) 6.9	25 3.9	3 .2	9 .5	9 3.1	4 .1	1 3.0	1 .0
8		34 (kl) 34.5	33 34.3	4 .5	18 32.4	6 1.1	5 .3	1 .2	0 .0
9		23 (kl) 517.7	23 517.7	9 458.5	6 56.2	4 2.8	4 .2	0 .0	0 .0
10		16 (kl) 6.9	16 6.9	4 4.0	8 2.5	3 .3	1 .1	0 .0	0 .0
11		36 (kl) 55.0	33 54.8	3 38.0	14 16.0	10 .7	6 .1	3 .2	0 .0
12		17 (kl) 665.8	17 665.8	8 658.0	4 7.6	4 .2	1 .0	0 .0	0 .0

2. (5-4)
Condition of Marine Pollution by Accident

Unit: Number

		(kl)					()	
	3,933	3,461	594	322	2,048	497	344	128
1994	365	324	88	32	167	37	34	7
1995	299	269	65	41	134	29	21	9
1996	337	286	53	37	151	45	33	18
1997	379	340	65	35	197	43	31	8
1998	470	418	68	27	269	54	37	15
1999	463	407	68	28	247	64	35	21
2000	483	417	61	28	272	56	42	24
2001	455	405	52	33	259	61	39	11
2002	385	345	33	32	218	62	32	8
2003	297	250	41	29	134	46	40	7
1	16	15	1	1	9	4	1	0
2	22	15	2	1	9	3	6	1
3	23	20	2	3	12	3	2	1
4	29	22	2	6	9	5	7	0
5	23	22	5	3	13	1	0	1
6	31	26	5	2	15	4	4	1
7	27	23	6	3	12	2	4	0
8	34	26	2	1	20	3	7	1
9	23	20	6	4	6	4	1	2
10	16	15	1	2	6	6	1	0
11	36	32	5	2	17	8	4	0
12	17	14	4	1	6	3	3	0

2. (5-5)
Condition of Marine Pollution by Accident

Unit: Number

	3,933	1,035	1,924	619	227	128
1994	365	56	231	55	16	7
1995	299	56	183	32	19	9
1996	337	62	189	46	22	18
1997	379	94	201	60	16	8
1998	470	131	195	105	24	15
1999	463	101	237	88	16	21
2000	483	123	199	111	26	24
2001	455	150	204	67	23	11
2002	385	149	164	31	33	8
2003	297	113	121	24	32	7
1	16	8	5	1	2	0
2	22	6	9	3	3	1
3	23	9	10	2	1	1
4	29	9	14	2	4	0
5	23	11	8	2	1	1
6	31	9	16	2	3	1
7	27	9	12	1	5	0
8	34	13	14	3	3	1
9	23	11	7	0	3	2
10	16	8	5	2	1	0
11	36	15	13	6	2	0
12	17	5	8	0	4	0

3. 해양 측량 (8-1) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
국가해양 기본도조사 '03. 4.1~10.31.	제주도부근	34-00-00	125-30-00	1:250,000	-	31,000
		34-00-00	126-14-00			
		33-50-00	126-18-00			
		33-50-00	126-25-00			
		34-00-00	126-25-00			
		34-00-00	128-34-00			
		33-50-36	128-26-00			
		33-16-12	127-52-00			
		32-57-12	127-41-00			
		32-45-00	127-37-00			
		32-45-00	125-30-00			
'03 5.1~9.20.	육지도남부	34-31-30	128-10-00	1/25,000	-	1,000
		34-31-30	128-32-35			
		34-30-00	128-30-00			
		34-30-00	128-10-00			
	원전항	35-04-24	128-38-13	1/5,000	-	
		35-04-24	128-38-43			
		35-04-05	128-38-43			
		35-04-05	128-38-19			
		35-03-33	128-37-34			
		35-03-33	128-37-11			
		35-03-50	128-37-11			
		35-03-50	128-37-25			
	대포항	34-43-30	128-43-02	1/5,000	-	
		34-43-30	128-38-32			
		34-42-39	128-35-32			
		34-42-39	128-34-02			

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-2) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 5.3.~ 9.17.	삼척항에서 죽변항	37-23-00.1 37-23-00.2 37-25-37.1 37-28-16.1 37-28-16.1	129-12-30.7 129-18-06.6 129-14-48.7 129-12-33.7 129-09-48.7	1/25,000	-	1,000
	공현진항, 수산항	38-04-26.8 38-04-26.8 38-04-58.8 38-04-58.8	128-40-14.8 128-41-21.8 128-41-21.8 128-41-21.8	1/5,000	-	
'03. 6.1.~10.31.	군산항 서부	36-06-00 36-06-00 36-01-00 36-01-00 36-00-15 36-00-15	126-15-00 126-19-00 126-19-00 126-25-24 126-25-24 126-15-00	1/25,000	-	1,450
	우이도항, 구시포항	34-37-40 34-37-40 34-36-50 34-36-50 35-27-15 35-27-15 35-26-35 35-26-35	125-51-00 125-52-45 125-52-45 125-51-00 126-25-00 126-26-40 126-26-40 126-25-00	1/5,000	-	

3. 해 양 측 량 (8-3) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31.~9.28.	인천항 동수도입구	37-06-27	126-17-16	1/30,000	-	1,593
		37-05-52	126-17-52			
		37-04-07	126-15-28			
		37-04-01	126-15-34			
		37-02-46	126-13-52			
		37-02-19	126-14-22			
		37-01-46	126-13-35			
		37-02-52	126-12-20			
		37-04-42	126-14-52			
		37-05-02	126-14-28			
		37-05-34	126-15-12			
		37-05-15	126-15-34			
	팔미도 북서측	37-25-50	126-34-16	1/20,000	-	
		37-25-03	126-34-00			
		37-22-55	126-32-15			
		37-20-57	126-28-20			
37-21-35		126-27-52				
37-20-50		126-26-19				
37-20-40		126-23-28				
37-21-30		126-26-36				
37-24-40	126-33-04					
평택항	37-00-28	126-45-22	1/7,500	-		
	37-00-28	126-49-52				
	36-57-58	126-49-52				
	37-57-58	126-45-22				
대천항	36-20-13	126-29-32	1/5,000	-		
	36-20-13	126-31-02				
	36-19-22	126-31-02				
	36-19-22	126-29-32				

3. 해양 측량 (8-4) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31. ~ 10.26.	감천항 및 다대포항	35-05-20	128-57-52	1/7,500	-	2,016
		35-05-20	129-00-54			
		35-03-30	129-00-54			
		35-03-30	129-00-48			
		35-03-10	129-00-48			
		35-03-04	129-00-31			
		35-02-16	129-00-41			
		35-01-26	129-01-21			
		35-00-49	128-57-52			
	마산항	35-13-06	128-33-12	1/7,500	-	
		35-13-06	128-37-42			
		35-09-05	128-37-42			
		35-09-05	128-36-35			
		35-09-03	128-36-23			
		35-08-49	128-36-22			
		35-08-35	128-35-49			
		35-08-35	128-33-12			
	진해항	35-09-19	128-36-20	1/7,500	-	
		35-09-19	128-40-09			
		35-07-19	128-40-09			
		35-07-11	128-39-57			
		35-07-02	128-39-59			
		35-06-59	128-40-01			
		35-06-50	128-39-58			
		35-06-44	128-39-58			
		35-05-55	128-40-15			
		35-05-50	128-40-12			
35-05-31		128-39-43				
35-05-46		128-38-47				
35-06-13		128-37-53				
35-07-10		128-36-59				
35-07-33		128-36-42				
35-08-11	128-36-20					

3. 해양 측량 (8-5) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31 ~ 10.8	임자도항로	35-18-10	125-59-52	1/50,000	-	3,328
		35-15-10	126-19-52			
		35-12-56	126-19-52			
		35-12-56	125-59-52			
	신마항	34-27-16	126-48-07	1/5,000	-	
		34-27-16	126-50-32			
		34-25-56	126-50-32			
		34-25-56	126-48-07			
	팽목항	34-23-12	126-06-52	1/5,000	-	
		34-23-12	126-08-52			
		34-21-24	126-08-52			
		34-21-24	126-08-25			
		34-22-16	126-08-25			
	홍도항	34-41-23	125-11-02	1/5,000	-	
		34-41-23	125-12-47			
		34-40-27	125-12-47			
		34-40-27	125-11-02			
	군산항 및 장항항입구	36-00-15	126-25-54	1/20,000	-	
		36-00-15	126-31-10			
		35-59-50	126-31-10			
		35-58-08	126-28-50			
35-58-08		126-30-00				
35-57-36		126-30-00				
35-57-36		126-30-50				
35-57-55		126-30-50				
35-57-55		126-31-19				
35-57-00		126-31-24				
35-56-35		126-32-20				
35-54-40		126-31-27				
35-54-40	126-25-54					
비인항	36-09-40	126-28-37	1/7,500	-		
	36-09-40	126-33-32				
	36-07-01	126-33-32				
	36-07-01	126-28-37				

3. 해양 측량 (8-6) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31 ~ 9.16	목포신항 및 항로	34-47-33	126-21-00	1/10,000	-	1,276
		34-47-25	126-21-27			
		34-46-47	126-22-05			
		34-46-46	126-22-08			
		34-46-34	126-22-08			
		34-46-37	126-21-59			
		34-47-14	126-21-22			
		34-47-18	126-21-01			
		34-47-15	126-20-44			
		34-46-50	126-20-36			
		34-46-40	126-19-38			
		34-46-00	126-21-03			
		34-45-00	126-21-03			
		34-44-38	126-21-31			
		34-44-32	126-20-59			
		34-45-12	126-19-03			
	34-45-30	126-19-08				
	34-45-46	126-19-17				
	34-46-54	126-20-23				
	34-47-27	126-20-33				
목포항 묘지	34-47-21	126-22-08	1/7,500	-		
	34-47-21	126-24-22				
	34-45-57	126-24-22				
	35-45-57	126-22-08				
대불부두	34-47-09	126-25-00	1/5,000	-		
	34-47-09	126-26-00				
	34-46-30	126-26-00				
	34-46-30	126-25-00				
목포북항	34-49-00	126-20-26	1/7,500	-		
	34-49-00	126-22-15				
	34-47-00	126-22-15				
	34-47-00	126-20-26				
제주항	33-31-59	126-32-21	1/3,000	-		
	33-31-59	126-33-47				
	33-30-58	126-33-47				
	33-30-58	126-31-37				
	33-31-19	126-31-37				

3. 해양 측량 (8-7) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sounding(km)
		위도	경도			
주요항만3차원해저 영상물제작 '03. 5.28 ~ 11.23.	부산내항	35-06-11	129-04-28	1/7,500	-	1,000
		35-06-11	129-05-35			
		35-05-38	129-05-35			
		35-05-38	129-06-09			
		35-06-05	129-06-43			
		35-05-22	129-07-34			
		35-04-12	129-06-50			
		35-04-20	129-06-45			
		35-06-05	129-03-45			
		35-06-13	129-03-52			
		35-06-21	129-03-39			
		35-05-57	129-02-53			
		35-05-49	129-02-27			
		35-05-52	129-02-27			
		35-06-20	129-02-47			
		35-06-30	129-02-31			
		35-06-50	129-02-49			
		35-06-42	129-03-03			
		35-06-48	129-03-09			
		35-06-57	129-02-55			
	35-07-01	129-02-59				
	35-06-53	129-03-13				
	35-06-58	129-03-19				
	35-07-07	129-03-05				
	35-07-11	129-03-08				
	35-07-02	129-03-22				
	부산남항항로	35-04-54	129-01-51	-	-	
35-04-54		129-02-00				
35-02-39		129-02-12				
35-01-39		129-02-36				
35-01-25		129-01-20				
35-02-42		129-01-51				

3. 해양 측량 (8-8) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sounding(km)
		위도	경도			
	인천항로	37-30-36	126-35-43	1/15,000	-	
		37-30-37	126-36-03			
		37-29-41	126-36-02			
		37-28-56	126-35-37			
		37-25-53	126-34-39			
		37-24-56	126-34-22			
		37-21-13	126-31-46			
		37-21-30	126-31-25			
		37-21-52	126-31-11			
		37-22-19	126-30-59			
		37-23-01	126-32-17			
		37-25-01	126-33-57			
		37-25-53	126-34-14			
		37-29-03	126-35-17			
		37-29-57	126-35-43			

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-1) Hydrographic Survey

구분 기간	측량지명	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
국가해양 기본도조사 '03. 4.1 ~ 10.31.	제주도부근	34-00-00	125-30-00	1:250,000	-	31,000
		34-00-00	126-14-00			
		33-50-00	126-18-00			
		33-50-00	126-25-00			
		34-00-00	126-25-00			
		34-00-00	128-34-00			
		33-50-36	128-26-00			
		33-16-12	127-52-00			
		32-57-12	127-41-00			
		32-45-00	127-37-00			
		32-45-00	125-30-00			
'03 5.1 ~ 9.20.	옥지도남부	34-31-30	128-10-00	1/25,000	-	1,000
		34-31-30	128-32-35			
		34-30-00	128-30-00			
		34-30-00	128-10-00			
	원전항	35-04-24	128-38-13	1/5,000	-	
		35-04-24	128-38-43			
		35-04-05	128-38-43			
		35-04-05	128-38-19			
		35-03-33	128-37-34			
		35-03-33	128-37-11			
		35-03-50	128-37-11			
	35-03-50	128-37-25				
	대포항	34-43-30	128-43-02	1/5,000	-	
		34-43-30	128-38-32			
		34-42-39	128-35-32			
34-42-39		128-34-02				

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-2) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 5.3. ~ 9.17.	삼척항에서 죽변항	37-23-00.1 37-23-00.2 37-25-37.1 37-28-16.1 37-28-16.1	129-12-30.7 129-18-06.6 129-14-48.7 129-12-33.7 129-09-48.7	1/25,000	-	1,000
	공현진항, 수산항	38-04-26.8 38-04-26.8 38-04-58.8 38-04-58.8	128-40-14.8 128-41-21.8 128-41-21.8 128-41-21.8	1/5,000	-	
'03. 6.1. ~ 10.31.	군산항 서부	36-06-00 36-06-00 36-01-00 36-01-00 36-00-15 36-00-15	126-15-00 126-19-00 126-19-00 126-25-24 126-25-24 126-15-00	1/25,000	-	1,450
	우이도항, 구시포항	34-37-40 34-37-40 34-36-50 34-36-50 35-27-15 35-27-15 35-26-35 35-26-35	125-51-00 125-52-45 125-52-45 125-51-00 126-25-00 126-26-40 126-26-40 126-25-00	1/5,000	-	

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-3) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31. ~ 9.28.	인천항 동수도입구	37-06-27	126-17-16	1/30,000	-	1,593
		37-05-52	126-17-52			
		37-04-07	126-15-28			
		37-04-01	126-15-34			
		37-02-46	126-13-52			
		37-02-19	126-14-22			
		37-01-46	126-13-35			
		37-02-52	126-12-20			
		37-04-42	126-14-52			
		37-05-02	126-14-28			
		37-05-34	126-15-12			
		37-05-15	126-15-34			
	팔미도 북서측	37-25-50	126-34-16	1/20,000	-	
		37-25-03	126-34-00			
		37-22-55	126-32-15			
		37-20-57	126-28-20			
37-21-35		126-27-52				
37-20-50		126-26-19				
37-20-40		126-23-28				
37-21-30		126-26-36				
37-24-40	126-33-04					
평택항	37-00-28	126-45-22	1/7,500	-		
	37-00-28	126-49-52				
	36-57-58	126-49-52				
	37-57-58	126-45-22				
대천항	36-20-13	126-29-32	1/5,000	-		
	36-20-13	126-31-02				
	36-19-22	126-31-02				
	36-19-22	126-29-32				

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-4) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31. ~ 10.26.	감천항 및 다대포항	35-05-20	128-57-52	1/7,500	-	2,016
		35-05-20	129-00-54			
		35-03-30	129-00-54			
		35-03-30	129-00-48			
		35-03-10	129-00-48			
		35-03-04	129-00-31			
		35-02-16	129-00-41			
		35-01-26	129-01-21			
		35-00-49	128-57-52			
	마산항	35-13-06	128-33-12	1/7,500	-	
		35-13-06	128-37-42			
		35-09-05	128-37-42			
		35-09-05	128-36-35			
		35-09-03	128-36-23			
		35-08-49	128-36-22			
		35-08-35	128-35-49			
		35-08-35	128-33-12			
	진해항	35-09-19	128-36-20	1/7,500	-	
		35-09-19	128-40-09			
		35-07-19	128-40-09			
		35-07-11	128-39-57			
		35-07-02	128-39-59			
		35-06-59	128-40-01			
		35-06-50	128-39-58			
		35-06-44	128-39-58			
		35-05-55	128-40-15			
		35-05-50	128-40-12			
		35-05-31	128-39-43			
		35-05-46	128-38-47			
		35-06-13	128-37-53			
		35-07-10	128-36-59			
		35-07-33	128-36-42			
	35-08-11	128-36-20				

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-5) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31 ~ 10.8	임자도항로	35-18-10	125-59-52	1/50,000	-	3,328
		35-15-10	126-19-52			
		35-12-56	126-19-52			
		35-12-56	125-59-52			
	신마항	34-27-16	126-48-07	1/5,000	-	
		34-27-16	126-50-32			
		34-25-56	126-50-32			
	팽목항	34-25-56	126-48-07	1/5,000	-	
		34-23-12	126-06-52			
		34-23-12	126-08-52			
		34-21-24	126-08-52			
		34-21-24	126-08-25			
	홍도항	34-22-16	126-08-25	1/5,000	-	
		34-22-16	126-06-52			
		34-41-23	125-11-02			
		34-41-23	125-12-47			
	군산항 및 장항항입구	34-40-27	125-12-47	1/20,000	-	
		34-40-27	125-11-02			
		36-00-15	126-25-54			
		36-00-15	126-31-10			
35-59-50		126-31-10				
35-58-08		126-28-50				
35-58-08		126-30-00				
35-57-36		126-30-00				
35-57-36		126-30-50				
35-57-55		126-30-50				
35-57-55		126-31-19				
35-57-00		126-31-24				
35-56-35		126-32-20				
35-54-40	126-31-27					
35-54-40	126-25-54					
비인항	36-09-40	126-28-37	1/7,500	-		
	36-09-40	126-33-32				
	36-07-01	126-33-32				
	36-07-01	126-28-37				

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해양 측량 (8-6) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
'03. 3.31 ~ 9.16	목포신항 및 항로	34-47-33	126-21-00	1/10,000	-	1,276
		34-47-25	126-21-27			
		34-46-47	126-22-05			
		34-46-46	126-22-08			
		34-46-34	126-22-08			
		34-46-37	126-21-59			
		34-47-14	126-21-22			
		34-47-18	126-21-01			
		34-47-15	126-20-44			
		34-46-50	126-20-36			
		34-46-40	126-19-38			
		34-46-00	126-21-03			
		34-45-00	126-21-03			
		34-44-38	126-21-31			
		34-44-32	126-20-59			
		34-45-12	126-19-03			
		34-45-30	126-19-08			
	34-45-46	126-19-17				
	34-46-54	126-20-23				
	34-47-27	126-20-33				
목포항 묘지	34-47-21	126-22-08	1/7,500	-		
	34-47-21	126-24-22				
	34-45-57	126-24-22				
	35-45-57	126-22-08				
대불부두	34-47-09	126-25-00	1/5,000	-		
	34-47-09	126-26-00				
	34-46-30	126-26-00				
	34-46-30	126-25-00				
목포북항	34-49-00	126-20-26	1/7,500	-		
	34-49-00	126-22-15				
	34-47-00	126-22-15				
	34-47-00	126-20-26				
제주항	33-31-59	126-32-21	1/3,000	-		
	33-31-59	126-33-47				
	33-30-58	126-33-47				
	33-30-58	126-31-37				
	33-31-19	126-31-37				

3. 해양 측량 (8-7)

Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
주요항만3차원해 저영상물제작 '03. 5.28 ~ 11.23.	부산내항	35-06-11	129-04-28	1/7,500	-	1,000
		35-06-11	129-05-35			
		35-05-38	129-05-35			
		35-05-38	129-06-09			
		35-06-05	129-06-43			
		35-05-22	129-07-34			
		35-04-12	129-06-50			
		35-04-20	129-06-45			
		35-06-05	129-03-45			
		35-06-13	129-03-52			
		35-06-21	129-03-39			
		35-05-57	129-02-53			
		35-05-49	129-02-27			
		35-05-52	129-02-27			
		35-06-20	129-02-47			
		35-06-30	129-02-31			
		35-06-50	129-02-49			
		35-06-42	129-03-03			
		35-06-48	129-03-09			
		35-06-57	129-02-55			
	35-07-01	129-02-59				
	35-06-53	129-03-13				
	35-06-58	129-03-19				
	35-07-07	129-03-05				
	35-07-11	129-03-08				
	35-07-02	129-03-22				
	부산남항항로	35-04-54	129-01-51		-	
35-04-54		129-02-00				
35-02-39		129-02-12				
35-01-39		129-02-36				
35-01-25		129-01-20				
35-02-42		129-01-51				

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

3. 해 양 측 량 (8-8) Hydrographic Survey

구분 기간	측량지명 Locality	측량구역 Range Surveyed		축척 Scale	전면적 Area Surveyed (km ²)	측량거리 Distance of Sonding(km)
		위도	경도			
	인천항로	37-30-36	126-35-43	1/15,000	-	
		37-30-37	126-36-03			
		37-29-41	126-36-02			
		37-28-56	126-35-37			
		37-25-53	126-34-39			
		37-24-56	126-34-22			
		37-21-13	126-31-46			
		37-21-30	126-31-25			
		37-21-52	126-31-11			
		37-22-19	126-30-59			
		37-23-01	126-32-17			
		37-25-01	126-33-57			
		37-25-53	126-34-14			
		37-29-03	126-35-17			
		37-29-57	126-35-43			

자료 : 국립해양조사원

Source : National Oceanographic Research Institute

4. Oceanographic Observation

	(:) Tide Observation (Unit : day)				(:) Tidal Current Observation (Unit : No. of Station)				(:) Sectional Oceanographic (Unit : No. of Station)			
	East Coast	South Coast	West Coast	Total	East Coast	South Coast	West Coast	Total	East Coast	South Coast	West Coast	Total
Total	2,190	4,380	4,745	11,315	150	145	58	353	150	120	0	270
1 Jan.	186	372	403	961	0	0	0	0	0	0	0	0
2 Feb.	168	336	364	868	25	20	0	45	25	20	0	45
3 Mar.	186	372	403	961	0	0	0	0	0	0	0	0
4 Apr.	180	360	390	930	25	20	4	49	25	20	0	45
5 May.	186	372	403	961	0	24	35	59	0	0	0	0
6 Jun.	180	360	390	930	25	20	11	56	25	20	0	45
7 Jul.	186	372	403	961	0	1	1	2	0	0	0	0
8 Aug.	186	372	403	961	25	20	7	52	25	20	0	45
9 Sep.	180	360	390	930	0	0	0	0	0	0	0	0
10 Oct.	186	372	403	961	25	20	0	45	25	20	0	45
11 Nov.	180	360	390	930	0	0	0	0	0	0	0	0
12 Dec.	186	372	403	961	25	20	0	45	25	20	0	45

Source : National Oceanographic Research Institute.

5.
Publication of Nautical Charts and Documents

	Chart			Nautical Publication		
	() Print Quantity	() Sorts	() Distribution	() Print Quantity	() Sorts	() Distribution
Total	78,100	1,669	72,910	15,700	55	13,361
1 Jan.	6,800	143	2,271	1,500	11	306
2 Feb.	3,500	144	3,241	1,300	25	1,197
3 Mar.	5,400	151	9,732	400	8	954
4 Apr.	11,600	177	5,113	300	23	818
5 May.	11,300	140	13,596	0	24	397
6 Jun.	10,200	67	791	5,000	1	1
7 Jul.	9,400	128	10,688	0	8	1,988
8 Aug.	7,400	207	1,853	2,300	4	75
9 Sep.	6,100	71	1,590	1,500	6	221
10 Oct.	4,100	125	7,789	900	10	2,685
11 Nov.	1,300	132	2,695	1,000	22	1,271
12 Dec.	1,000	184	13,551	1,500	20	3,448

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Source : National Oceanographic Research Institute.

1.

Condition of Marine Accidents Inquiry

(:)

Unit: Number

	Transfer of Last Pendency	Offered for Inquiry	Object of inquiry	Reject	Pendency	Judgement
1999	3	21	24	2	3	19
2000	3	24	27	7	6	14
2001	6	32	38	6	12	20
2002	12	35	47	11	9	27
2003	9	22	31	4	11	16

(:)

Unit: Number

		Recognition of Marine Accidents	Under Investigation	Renunciation	Offered for Inquiry	Judgement	Pendency	Change of Jurisdiction
Total	1999	(237) 1086	157	556	373	346	99	+ 97 , - 97
	2000	(157) 791	143	372	276	308	66	+ 74 , - 74
	2001	(143) 753	184	287	282	290	57	+ 57 , - 57
	2002	(184) 741	177	261	303	295	65	+ 49 , - 48
	2003	(177) 708	203	282	223	244	44	+ 35 , - 35
Busan	1999	(50) 220	14	113	93	154	56	+ 79 , - 2
	2000	(14) 127	19	53	55	140	35	+ 65 , - 0
	2001	(19) 144	21	58	65	121	21	+ 43 , - 0
	2002	(21) 131	29	27	75	113	16	+ 38 , - 4
	2003	(29) 154	36	59	59	85	15	+ 26 , - 1
Incheon	1999	(48) 257	34	148	75	60	17	+ 6 , - 23
	2000	(34) 205	40	104	61	51	10	+ 3 , - 20
	2001	(40) 195	42	70	83	53	17	+ 2 , - 25
	2002	(42) 183	41	64	78	64	19	+ 3 , - 15
	2003	(41) 161	40	60	61	58	8	+ 2 , - 16
Mokpo	1999	(110) 464	89	227	148	88	20	+ 11 , - 57
	2000	(89) 337	58	166	113	83	18	+ 6 , - 38
	2001	(58) 285	89	98	98	90	14	+ 12 , - 24
	2002	(89) 279	73	96	110	85	22	+ 6 , - 23
	2003	(73) 220	68	86	66	66	14	+ 7 , - 15
Donghae	1999	(29) 145	20	68	57	44	6	+ 1 , - 15
	2000	(20) 122	26	49	47	34	3	+ 0 , - 16
	2001	(26) 129	32	61	36	26	5	+ 0 , - 8
	2002	(32) 148	34	74	40	33	8	+ 2 , - 6
	2003	(34) 173	59	77	37	35	7	+ 0 , - 3

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Source : Korean Maritime Safety Tribunal

D o n g h a e

Unit: Number

:																	
1994	80	17	2	3	2	7	14	0	20	4	1	0	1	1	2	6	0
1995	90	17	2	6	7	12	8	0	29	3	1	0	1	1	1	2	0
1996	87	19	3	3	1	8	13	2	17	2	3	0	3	0	2	11	0
1997	139	33	0	7	3	16	20	0	39	0	1	0	7	0	1	12	0
1998	126	12	0	14	2	10	10	3	45	4	0	1	7	0	2	16	0
1999	116	11	0	8	0	16	12	2	48	0	2	0	5	1	0	11	0
2000	102	15	1	6	2	9	14	1	31	0	1	0	8	0	7	7	0
2001	103	21	3	10	5	11	17	0	21	1	1	0	7	0	3	3	0
2002	116	37	1	7	1	8	16	0	28	0	0	0	7	0	9	2	0
2003	139	39	0	13	4	15	21	2	11	5	0	0	5	0	24	0	0
1	5	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
2	4	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0
3	11	0	0	1	1	0	8	0	1	0	0	0	0	0	0	0	0
4	8	1	0	2	0	1	2	0	1	0	0	0	0	0	1	0	0
5	11	4	0	1	0	1	0	0	2	0	0	0	0	0	3	0	0
6	8	2	0	0	0	2	1	0	0	0	0	0	0	0	3	0	0
7	17	4	0	1	1	1	0	0	4	0	0	0	0	0	6	0	0
8	9	3	0	1	0	0	0	1	2	1	0	0	0	0	1	0	0
9	16	5	0	1	1	2	5	1	0	0	0	0	0	0	1	0	0
10	23	13	0	3	0	2	0	0	0	1	0	0	0	0	4	0	0
11	12	4	0	0	0	3	1	0	0	2	0	0	0	0	2	0	0
12	15	1	0	3	1	1	2	0	1	1	0	0	3	0	2	0	0

Source : Korean Maritime Safety Tribunal

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M o k p o

Unit: Number

1994	302	52	7	32	8	22	38	2	80	8	9	0	41	0	2	1	0
1995	257	55	3	29	4	12	23	0	80	7	8	1	25	0	4	6	0
1996	275	57	2	36	11	16	20	4	76	10	4	0	6	1	11	21	0
1997	321	52	2	35	5	15	32	1	127	5	7	0	7	1	2	30	0
1998	296	57	1	32	7	28	26	1	101	6	7	0	13	0	1	16	0
1999	354	60	1	27	17	26	35	1	124	8	4	1	8	0	10	32	0
2000	248	49	4	22	10	20	22	1	80	5	1	0	5	0	7	22	0
2001	227	46	1	21	7	26	26	0	60	4	3	0	7	0	7	19	0
2002	190	49	6	16	13	23	16	0	46	2	0	0	9	0	9	1	0
2003	147	47	2	23	5	18	15	0	22	3	0	0	6	0	6	0	0
1	14	5	0	3	0	2	1	0	3	0	0	0	0	0	0	0	0
2	8	3	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0
3	20	6	0	4	1	1	3	0	2	0	0	0	1	0	2	0	0
4	9	2	1	2	1	1	0	0	1	1	0	0	0	0	0	0	0
5	12	4	0	2	0	1	0	0	3	0	0	0	0	0	2	0	0
6	10	2	0	1	0	2	4	0	1	0	0	0	0	0	0	0	0
7	10	4	0	0	1	1	0	0	0	0	0	0	3	0	1	0	0
8	10	5	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0
9	14	3	0	3	0	1	1	0	4	1	0	0	1	0	0	0	0
10	11	4	0	0	1	1	3	0	1	0	0	0	1	0	0	0	0
11	13	5	0	4	0	3	0	0	1	0	0	0	0	0	0	0	0
12	16	4	0	0	1	3	1	0	5	1	0	0	0	0	1	0	0

Source : Korean Maritime Safety Tribunal

B u s a n

Unit: Number

1994	182	71	1	27	3	20	19	0	19	4	0	0	17	0	0	1	0
1995	180	79	1	15	2	9	22	0	30	7	0	0	14	0	0	1	0
1996	150	65	3	12	3	10	9	0	22	2	5	0	5	0	0	14	0
1997	177	67	3	23	2	21	16	0	23	2	0	0	10	1	2	7	0
1998	180	54	1	14	3	14	21	0	33	4	1	1	25	2	2	5	0
1999	170	64	0	19	6	14	9	1	34	2	0	0	10	1	1	8	1
2000	113	42	1	9	2	9	7	0	22	0	1	1	5	0	2	12	0
2001	125	45	0	12	3	11	15	1	15	1	0	1	6	1	2	12	0
2002	110	64	0	11	7	3	6	0	9	2	1	0	1	3	2	1	0
2003	125	65	1	14	6	8	8	0	9	1	0	1	1	0	9	2	0
1	12	8	0	1	0	0	0	0	1	0	0	0	0	0	2	0	0
2	7	4	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
3	4	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0
4	10	5	0	2	0	1	1	0	0	0	0	0	0	0	0	1	0
5	9	4	0	1	1	0	0	0	2	1	0	0	0	0	0	0	0
6	9	5	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0
7	10	5	1	1	0	1	0	0	0	0	0	1	0	0	0	1	0
8	9	4	0	1	1	1	0	0	1	0	0	0	0	0	1	0	0
9	10	5	0	1	0	0	3	0	0	0	0	0	0	0	1	0	0
10	18	9	0	3	2	1	2	0	1	0	0	0	0	0	0	0	0
11	14	8	0	2	1	0	0	0	1	0	0	0	0	0	2	0	0
12	13	7	0	1	0	2	1	0	1	0	0	0	0	0	1	0	0

Source : Korean Maritime Safety Tribunal

I n c h e o n

Unit: Number

:																	
1994	135	16	12	16	1	10	21	0	41	9	1	0	7	0	1	0	0
1995	182	32	4	19	5	16	22	0	50	6	3	1	9	0	3	12	0
1996	149	29	7	16	6	7	14	0	44	4	2	0	4	0	2	14	0
1997	203	29	4	20	6	16	31	0	47	11	8	0	23	0	1	7	0
1998	168	24	3	17	2	8	27	0	63	10	2	0	3	2	3	4	0
1999	209	38	1	14	4	11	34	0	63	8	9	1	1	0	2	22	1
2000	171	24	5	21	5	10	20	0	63	3	2	0	5	0	3	10	0
2001	155	29	11	17	6	14	14	0	39	2	2	0	5	0	5	10	1
2002	141	34	6	24	8	8	17	0	27	5	2	0	1	0	0	9	0
2003	120	31	6	15	7	12	6	0	15	3	1	1	9	0	4	10	0
1	5	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0
2	11	2	0	1	0	0	1	0	3	0	1	0	1	0	0	2	0
3	5	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0
4	8	3	0	0	1	0	1	0	1	0	0	0	0	0	0	2	0
5	12	2	0	0	1	2	0	0	2	1	0	1	2	0	0	1	0
6	5	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0
7	16	5	2	1	1	2	0	0	1	0	0	0	2	0	2	0	0
8	10	6	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0
9	14	3	0	2	0	2	0	0	2	1	0	0	2	0	0	2	0
10	16	3	0	4	3	0	0	0	1	1	0	0	2	0	0	2	0
11	4	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0
12	14	3	1	1	1	4	2	0	1	0	0	0	0	0	1	0	0

Source : Korean Maritime Safety Tribunal

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Marine Accidents by Type of Accident

Unit: Number

1994	699	156	22	78	14	59	92	2	160	25	11	0	66	1	5	8	0
1995	709	183	10	69	18	49	75	0	189	23	12	2	49	1	8	21	0
1996	661	170	15	67	21	41	56	6	159	18	14	0	18	1	15	60	0
1997	840	181	9	85	16	68	99	1	236	18	16	0	47	2	6	56	0
1998	772	147	5	77	14	60	84	4	242	24	10	2	48	4	8	43	0
1999	849	173	2	68	27	67	90	4	269	18	15	2	24	2	13	73	2
2000	634	130	11	58	19	48	63	2	196	8	5	1	23	0	19	51	0
2001	610	141	15	60	21	62	72	1	135	8	6	1	25	1	17	44	1
2002	557	184	13	58	29	42	55	0	110	9	3	0	18	3	20	13	0
2003	531	182	9	65	22	53	50	2	57	12	1	2	21	0	43	12	0
1	36	16	0	5	0	5	3	0	5	0	0	0	0	0	2	0	0
2	30	10	0	4	0	1	2	0	5	0	1	0	3	0	2	2	0
3	40	8	0	6	3	1	12	0	5	0	0	0	1	0	3	1	0
4	35	11	1	6	2	3	4	0	3	1	0	0	0	0	1	3	0
5	44	14	0	4	2	4	0	0	9	2	0	1	2	0	5	1	0
6	32	10	1	4	0	5	6	0	2	0	0	0	1	0	3	0	0
7	53	18	3	3	3	5	0	0	5	0	0	1	5	0	9	1	0
8	38	18	3	3	1	3	2	1	4	1	0	0	0	0	2	0	0
9	54	16	0	7	1	5	9	1	6	2	0	0	3	0	2	2	0
10	68	29	0	10	6	4	5	0	3	2	0	0	3	0	4	2	0
11	43	17	0	8	1	7	1	0	2	2	0	0	0	0	5	0	0
12	58	15	1	5	3	10	6	0	8	2	0	0	3	0	5	0	0

Source : Korean Maritime Safety Tribunal

M o k p o

Unit: Number of Vessel

1994	359	17	41	252	19	11	9	10
1995	317	11	41	212	17	10	13	13
1996	337	12	34	242	22	5	8	14
1997	375	5	24	306	12	3	15	10
1998	356	5	27	282	10	5	7	20
1999	421	9	30	337	6	15	8	16
2000	298	2	37	234	6	5	8	6
2001	285	7	34	206	4	17	12	5
2002	251	8	39	166	4	14	11	9
2003	219	5	34	144	8	12	5	11
1	20	0	5	11	1	1	1	1
2	12	0	4	4	2	1	1	0
3	29	0	7	16	0	2	2	2
4	24	1	2	20	0	1	0	0
5	18	1	1	15	0	0	1	0
6	12	0	2	9	0	1	0	0
7	14	0	6	6	0	0	0	2
8	15	2	2	9	1	1	0	0
9	21	0	1	16	1	1	0	2
10	15	1	0	10	0	2	0	2
11	19	0	2	14	0	1	0	2
12	20	0	2	14	3	1	0	0

Source : Korean Maritime Safety Tribunal

D o n g h a e

Unit: Number of Vessel

1994	97	3	12	80	0	2	0	0
1995	107	1	13	85	3	1	2	2
1996	107	1	6	96	1	0	0	3
1997	173	1	15	149	1	1	1	5
1998	146	0	4	139	0	0	1	2
1999	128	0	10	112	2	1	0	3
2000	118	1	8	103	3	2	0	1
2001	124	0	6	111	2	2	1	2
2002	154	2	14	131	1	3	3	0
2003	183	1	10	157	0	7	8	0
1	6	0	0	6	0	0	0	0
2	5	0	2	2	0	0	1	0
3	11	0	0	11	0	0	0	0
4	10	0	0	10	0	0	0	0
5	15	0	2	10	0	0	3	0
6	11	0	0	9	0	1	1	0
7	23	0	1	18	0	2	2	0
8	12	0	0	11	0	1	0	0
9	21	0	1	18	0	1	1	0
10	37	0	2	35	0	0	0	0
11	16	1	2	13	0	0	0	0
12	16	0	0	14	0	2	0	0

Source : Korean Maritime Safety Tribunal

I n c h e o n

Unit: Number of Vessel

1994	153	2	18	108	12	7	3	3
1995	221	7	33	128	15	8	15	15
1996	180	4	26	105	13	11	6	15
1997	234	13	29	148	8	12	3	21
1998	199	4	15	132	14	13	7	14
1999	248	6	20	175	5	16	6	20
2000	202	7	21	140	2	12	12	8
2001	189	5	34	122	7	8	3	10
2002	185	3	30	116	3	14	9	10
2003	161	3	29	87	5	16	11	10
1	8	0	5	2	0	1	0	0
2	14	0	1	9	1	2	1	0
3	7	0	2	3	0	1	1	0
4	13	0	2	6	0	2	2	1
5	15	0	2	11	0	1	0	1
6	6	0	3	3	0	0	0	0
7	21	0	6	9	3	0	0	3
8	18	2	4	6	1	3	2	0
9	18	0	0	11	0	2	2	3
10	19	0	3	15	0	0	0	1
11	4	1	0	2	0	0	1	0
12	18	0	1	10	0	4	2	1

Source : Korean Maritime Safety Tribunal

3. ()

Marine Accidents by Type of Vessel

Unit: Number of Vessel

1994	868	25	123	580	50	37	18	35
1995	911	20	137	578	50	36	44	46
1996	844	20	101	577	54	23	18	51
1997	1027	21	109	759	42	23	25	48
1998	936	13	73	700	34	28	23	65
1999	1041	15	97	781	24	41	24	59
2000	780	15	93	586	14	25	25	22
2001	779	13	116	537	23	40	24	26
2002	775	13	132	509	17	46	34	24
2003	767	10	120	483	28	51	41	34
1	57	0	12	32	3	4	4	2
2	42	0	7	24	5	3	3	0
3	52	0	11	33	0	3	3	2
4	63	1	8	44	1	5	3	1
5	61	1	8	43	3	1	4	1
6	45	0	8	27	0	4	4	2
7	73	0	21	36	4	3	2	7
8	60	4	9	32	2	8	5	0
9	76	0	9	50	3	5	4	5
10	100	1	12	68	2	5	3	9
11	62	3	9	42	1	2	3	2
12	76	0	6	52	4	8	3	3

Source : Korean Maritime Safety Tribunal

B u s a n

Unit: Number of Vessel

1994	259	3	52	140	19	17	6	22
1995	266	1	50	153	15	17	14	16
1996	220	3	35	134	18	7	4	19
1997	245	2	41	156	21	7	6	12
1998	234	4	27	147	10	10	8	28
1999	244	0	37	157	11	9	10	20
2000	162	5	27	109	3	6	5	7
2001	181	1	42	98	10	13	8	9
2002	185	0	49	96	9	15	11	5
2003	204	1	47	95	15	16	17	13
1	23	0	2	13	2	2	3	1
2	11	0	0	9	2	0	0	0
3	5	0	2	3	0	0	0	0
4	16	0	4	8	1	2	1	0
5	13	0	3	7	3	0	0	0
6	16	0	3	6	0	2	3	2
7	15	0	8	3	1	1	0	2
8	15	0	3	6	0	3	3	0
9	16	0	7	5	2	1	1	0
10	29	0	7	8	2	3	3	6
11	23	1	5	13	1	1	2	0
12	22	0	3	14	1	1	1	2

Source : Korean Maritime Safety Tribunal

D o n g h a e

Unit: Number

\								가	
1994	38	21	1	7	3	5	0	0	1
1995	53	24	0	19	6	1	0	1	2
1996	45	20	0	16	1	2	0	1	5
1997	50	29	1	9	5	2	0	4	0
1998	53	25	0	11	7	2	0	2	6
1999	44	20	0	9	10	2	0	0	3
2000	34	16	1	6	6	2	0	1	2
2001	26	18	0	4	0	1	0	1	2
2002	33	20	0	7	4	1	0	0	1
2003	35	22	0	5	4	4	0	0	0
1	2	1	0	1	0	0	0	0	0
2	3	2	0	1	0	0	0	0	0
3	7	4	0	1	0	2	0	0	0
4	6	4	0	1	1	0	0	0	0
5	2	1	0	0	1	0	0	0	0
6	3	1	0	1	1	0	0	0	0
7	2	1	0	0	0	1	0	0	0
8	1	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	4	4	0	0	0	0	0	0	0
11	5	3	0	0	1	1	0	0	0
12	0	0	0	0	0	0	0	0	0

M o k p o

Unit: Number

								가	
1994	102	57	2	16	10	10	0	3	4
1995	77	40	0	23	6	4	0	0	4
1996	108	74	3	12	1	8	0	3	7
1997	81	57	1	11	8	3	0	0	1
1998	102	71	3	19	0	3	0	1	5
1999	88	59	4	17	6	2	0	0	0
2000	83	58	3	12	3	5	0	1	1
2001	90	64	1	16	4	3	0	1	1
2002	85	64	0	9	9	2	0	0	1
2003	66	44	2	6	9	3	0	0	2
1	4	3	1	0	0	0	0	0	0
2	7	4	0	0	2	0	0	0	1
3	8	6	0	0	1	1	0	0	0
4	13	7	0	1	4	0	0	0	1
5	4	3	0	1	0	0	0	0	0
6	7	6	0	1	0	0	0	0	0
7	4	2	0	1	1	0	0	0	0
8	5	4	0	0	0	1	0	0	0
9	7	5	0	2	0	0	0	0	0
10	2	1	0	0	0	1	0	0	0
11	0	0	0	0	0	0	0	0	0
12	5	3	1	0	1	0	0	0	0

B u s a n

Unit: Number

								가	
1994	130	96	4	10	7	6	0	3	4
1995	170	130	2	18	7	5	0	0	8
1996	178	127	2	25	9	4	0	0	11
1997	132	94	2	22	6	8	0	0	0
1998	168	121	9	14	6	6	0	2	10
1999	154	114	3	13	17	4	0	1	2
2000	140	93	2	15	19	8	0	2	1
2001	121	82	2	23	3	3	1	1	6
2002	113	77	1	13	2	9	0	9	2
2003	85	67	1	9	2	2	0	1	3
1	4	3	0	1	0	0	0	0	0
2	5	4	0	0	0	0	0	1	0
3	7	6	0	1	0	0	0	0	0
4	15	12	0	3	0	0	0	0	0
5	11	7	0	1	0	1	0	0	2
6	5	4	0	1	0	0	0	0	0
7	5	5	0	0	0	0	0	0	0
8	11	10	1	0	0	0	0	0	0
9	10	8	0	1	0	1	0	0	0
10	9	6	0	1	1	0	0	0	1
11	2	2	0	0	0	0	0	0	0
12	1	0	0	0	1	0	0	0	0

I n c h e o n

Unit: Number

1994	37	22	1	5	3	3	0	1	2
1995	54	34	1	8	5	2	0	1	3
1996	106	69	3	13	6	2	0	4	9
1997	67	41	0	8	7	0	0	6	5
1998	64	30	2	14	2	3	0	2	11
1999	60	28	3	10	1	9	1	1	7
2000	51	31	5	3	3	1	2	3	3
2001	53	29	1	6	6	1	0	8	2
2002	64	36	2	11	4	5	0	0	6
2003	58	40	1	4	2	6	1	0	4
1	7	5	0	0	1	0	0	0	1
2	8	6	0	0	0	1	0	0	1
3	8	6	0	1	0	0	0	0	1
4	5	1	0	2	1	1	0	0	0
5	8	5	1	0	0	2	0	0	0
6	4	3	0	0	0	0	0	0	1
7	1	0	0	0	0	1	0	0	0
8	3	3	0	0	0	0	0	0	0
9	2	2	0	0	0	0	0	0	0
10	3	3	0	0	0	0	0	0	0
11	3	2	0	1	0	0	0	0	0
12	6	4	0	0	0	1	1	0	0

4. ()

Marine Accidents by Cause

Unit: Number

								가	
1994	307	196	8	38	23	24	0	7	11
1995	354	228	3	68	24	12	0	2	17
1996	437	290	8	66	17	16	0	8	32
1997	330	221	4	50	26	13	0	10	6
1998	387	247	14	58	15	14	0	7	32
1999	346	221	10	49	34	17	1	2	12
2000	308	198	11	36	31	16	2	7	7
2001	290	193	4	49	13	8	1	11	11
2002	295	197	3	40	19	17	0	9	10
2003	244	173	4	24	17	15	1	1	9
1	17	12	1	2	1	0	0	0	1
2	23	16	0	1	2	1	0	1	2
3	30	22	0	3	1	3	0	0	1
4	39	24	0	7	6	1	0	0	1
5	25	16	1	2	1	3	0	0	2
6	19	14	0	3	1	0	0	0	1
7	12	8	0	1	1	2	0	0	0
8	20	18	1	0	0	1	0	0	0
9	19	15	0	3	0	1	0	0	0
10	18	14	0	1	1	1	0	0	1
11	10	7	0	1	1	1	0	0	0
12	12	7	1	0	2	1	1	0	0

Source: Korean Maritime Safety Tribunal

B u s a n

Unit: Person

		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3			
1994	1	8	15	20	20	17	33	1	3	3	4	1	6	0	0	0	6	138	45
1995	2	5	20	27	38	17	44	3	5	5	6	4	6	0	0	0	17	199	78
1996	5	7	19	33	28	27	67	1	3	7	10	2	13	0	0	0	19	241	92
1997	0	6	25	20	28	15	34	2	2	3	10	5	12	0	0	0	15	177	62
1998	2	8	19	33	25	21	60	1	3	3	9	0	9	0	0	0	20	213	68
1999	3	11	27	22	27	16	46	0	4	4	10	3	10	0	0	0	24	207	68
2000	1	6	26	30	20	20	46	1	5	5	2	4	12	0	0	0	16	194	54
2001	0	5	10	14	13	5	17	0	0	2	1	1	2	0	0	0	9	79	27
2002	1	1	7	15	6	9	20	0	0	2	1	0	1	0	0	0	13	76	39
2003	0	4	14	13	13	15	27	0	3	1	5	2	4	0	0	0	4	105	31
1	0	1	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	5	0
2	0	0	1	1	0	2	1	0	1	0	0	0	0	0	0	0	1	7	3
3	0	0	0	1	3	2	2	0	0	0	0	1	0	0	0	0	0	9	2
4	0	1	1	2	3	5	3	0	0	0	1	1	1	0	0	0	2	20	2
5	0	0	3	1	0	1	6	0	0	1	0	0	1	0	0	0	0	13	5
6	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	5	4
7	0	0	0	0	1	1	5	0	0	0	0	0	0	0	0	0	0	7	3
8	0	0	2	1	2	1	3	0	0	0	0	0	1	0	0	0	0	10	7
9	0	1	4	4	0	1	1	0	0	0	1	0	0	0	0	0	0	12	2
10	0	1	1	2	2	1	3	0	0	0	1	0	1	0	0	0	1	13	3
11	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3	0
12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0

Source: Korean Maritime Safety Tribunal

D o n g h a e

Unit: Person

	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3				
1994	0	2	4	7	3	0	18	0	0	0	0	0	7	0	0	0	3	44	5
1995	0	0	1	3	4	2	9	0	0	1	3	2	10	0	0	0	15	50	19
1996	1	2	4	6	5	3	10	0	0	0	2	0	7	0	0	0	12	52	15
1997	0	0	2	2	5	2	18	0	0	0	0	0	13	0	0	0	14	56	15
1998	0	0	0	2	2	2	10	0	0	0	1	1	16	0	0	0	16	50	15
1999	0	1	0	3	0	1	12	0	0	0	2	0	8	0	0	0	23	50	8
2000	0	0	1	1	2	0	6	1	0	0	1	0	7	0	0	0	12	31	3
2001	0	0	1	1	4	5	13	0	1	1	1	2	2	0	0	0	11	42	9
2002	0	1	3	1	4	1	6	0	0	2	1	1	4	0	0	0	18	42	12
2003	0	0	0	2	2	0	16	0	0	0	0	0	4	0	0	0	11	35	9
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	4	0
3	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	2	7	2
4	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	3	6	1
5	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	3	0
6	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	4	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3	0
11	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	5	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Korean Maritime Safety Tribunal

M o k p o

Unit: Person

		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3			
1994	2	4	11	11	12	8	29	0	0	1	1	0	16	0	0	0	5	100	46
1995	1	4	4	9	10	6	16	1	2	4	2	4	15	0	0	0	7	85	33
1996	1	2	2	14	12	8	41	1	1	2	1	1	16	0	0	0	12	114	36
1997	0	4	6	7	9	10	17	0	0	0	0	0	13	0	0	0	16	82	40
1998	0	4	7	5	7	9	37	0	0	0	2	1	13	0	0	0	12	97	11
1999	0	3	1	7	2	6	20	0	0	0	3	2	15	0	0	0	15	74	33
2000	0	0	0	8	13	3	26	0	0	0	1	4	12	0	0	0	18	85	24
2001	0	6	10	22	13	7	34	0	0	3	1	4	14	0	0	0	20	134	30
2002	1	5	10	13	16	10	19	0	0	4	2	0	9	0	0	0	16	105	56
2003	4	3	2	7	6	5	18	0	0	1	0	0	7	0	0	0	22	75	24
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	3	2
2	0	0	0	1	0	0	3	0	0	0	0	0	1	0	0	0	0	5	4
3	0	0	0	1	0	1	4	0	0	0	0	0	1	0	0	0	4	11	3
4	0	1	0	1	2	1	2	0	0	1	0	0	1	0	0	0	3	12	4
5	1	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	5	0
6	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	4	7	4
7	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0
8	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	7	3
9	0	0	1	1	1	0	6	0	0	0	0	0	2	0	0	0	1	12	1
10	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	6	2

Source: Korean Maritime Safety Tribunal

I n c h e o n

Unit: Person

		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3			
1994	4	4	3	3	1	1	9	0	1	0	0	0	3	0	0	0	5	34	9
1995	0	3	4	5	6	8	6	1	0	1	1	0	6	0	0	0	14	55	33
1996	2	8	10	13	11	11	29	0	2	3	2	0	11	0	0	0	13	115	55
1997	3	5	8	7	6	10	25	1	2	1	2	2	5	0	0	0	8	85	31
1998	4	10	2	7	2	5	8	1	0	1	1	0	6	0	0	0	12	59	21
1999	3	2	2	9	2	8	10	0	0	0	0	1	11	0	0	0	14	62	22
2000	1	5	4	6	4	8	8	0	0	2	0	0	1	0	0	0	17	56	22
2001	5	6	8	14	4	3	11	0	1	3	2	1	9	0	0	0	15	82	35
2002	5	6	9	4	9	3	23	1	0	4	3	1	7	0	0	0	23	98	36
2003	1	4	6	11	5	6	7	0	0	0	0	0	4	0	0	0	20	64	32
1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	6	8	4
2	0	1	0	0	2	0	2	0	0	0	0	0	1	0	0	0	2	8	3
3	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	3	8
4	0	0	1	2	0	0	1	0	0	0	0	0	2	0	0	0	1	7	3
5	0	0	1	5	0	2	1	0	0	0	0	0	0	0	0	0	2	11	3
6	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	7	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2
9	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0
10	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6
11	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0
12	0	0	2	1	2	2	0	0	0	0	0	0	0	0	0	0	2	9	2

5.

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Marine Accidents by Pilots or Seafarers

Unit: Person

		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3			
1994	7	18	33	41	36	26	89	1	4	4	5	1	32	0	0	0	19	316	105
1995	3	12	29	44	58	33	75	5	7	11	12	10	37	0	0	0	53	389	163
1996	9	19	35	66	56	49	147	2	6	12	15	3	47	0	0	0	56	522	198
1997	3	15	41	36	48	37	94	3	4	4	12	7	43	0	0	0	53	400	148
1998	6	22	28	47	36	37	115	2	3	4	13	2	44	0	0	0	60	419	115
1999	6	17	30	41	31	31	88	0	4	4	15	6	44	0	0	0	76	393	131
2000	2	11	31	45	39	31	86	2	5	7	4	8	32	0	0	0	63	366	103
2001	5	17	29	51	34	20	75	0	2	9	5	8	27	0	0	0	55	337	101
2002	7	13	29	33	35	23	68	1	0	12	7	2	21	0	0	0	70	321	143
2003	5	11	22	33	26	26	68	0	3	2	5	2	19	0	0	0	57	279	96
1	0	1	2	0	0	0	3	0	1	0	1	0	0	0	0	0	9	17	7
2	0	1	1	2	2	2	9	0	1	0	0	0	2	0	0	0	4	24	10
3	0	0	0	2	3	4	10	0	0	0	0	1	3	0	0	0	7	30	15
4	0	2	2	5	5	6	8	0	0	1	1	1	5	0	0	0	9	45	10
5	1	1	4	7	2	3	8	0	0	1	0	0	3	0	0	0	2	32	8
6	1	2	2	2	2	0	4	0	1	0	1	0	1	0	0	0	7	23	9
7	0	1	1	1	1	1	5	0	0	0	0	0	0	0	0	0	3	13	5
8	2	0	2	1	3	3	4	0	0	0	0	0	1	0	0	0	4	20	12
9	0	2	5	5	1	2	7	0	0	0	1	0	2	0	0	0	1	26	3
10	0	1	1	5	2	1	5	0	0	0	1	0	2	0	0	0	3	21	10
11	0	0	0	2	1	1	5	0	0	0	0	0	0	0	0	0	3	12	3
12	1	0	2	1	4	3	0	0	0	0	0	0	0	0	0	0	5	16	4

D o n g h a e

Unit: Number of Vessel

		5	6 ~ 20	21 ~ 50	51 ~ 100	101-200	201-500	501-1000	1001-2000	2001-5000	5000	
1994	97	25	14	14	16	5	7	3	2	5	4	2
1995	107	28	21	14	17	4	9	5	4	2	3	0
1996	107	25	27	25	14	5	2	3	2	1	2	1
1997	173	46	35	27	34	4	8	3	5	3	3	5
1998	146	40	26	40	24	7	1	0	2	2	1	3
1999	128	14	31	28	33	6	4	2	1	4	2	3
2000	118	28	26	19	28	3	1	2	5	4	1	1
2001	124	45	36	22	11	1	2	1	1	4	1	0
2002	154	40	27	31	28	6	6	6	3	4	3	0
2003	183	47	47	36	27	7	5	9	2	2	1	0
1	6	1	1	1	3	0	0	0	0	0	0	0
2	5	1	1	0	0	0	1	2	0	0	0	0
3	11	8	1	1	1	0	0	0	0	0	0	0
4	10	5	4	0	0	0	1	0	0	0	0	0
5	15	2	3	2	2	1	2	2	0	1	0	0
6	11	1	3	3	3	1	0	0	0	0	0	0
7	23	6	5	3	6	0	0	2	1	0	0	0
8	12	6	4	1	1	0	0	0	0	0	0	0
9	21	5	3	7	3	1	1	1	0	0	0	0
10	37	5	16	9	3	2	0	2	0	0	0	0
11	16	3	3	3	3	1	0	0	1	1	1	0
12	16	4	3	6	2	1	0	0	0	0	0	0

Source: Korean Maritime Safety Tribunal

M o k p o

Unit: Number of Vessel

		5	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000	
1994	359	43	33	46	121	28	28	16	8	13	10	13
1995	318	31	26	49	94	22	19	24	16	12	5	20
1996	337	23	40	48	108	32	21	17	12	12	4	20
1997	375	48	47	56	133	29	11	15	4	10	4	18
1998	357	65	48	44	108	20	12	12	10	12	4	22
1999	421	85	69	65	104	32	15	10	11	4	5	21
2000	298	49	39	59	75	16	13	12	9	12	5	9
2001	285	53	33	60	59	21	12	20	10	7	7	3
2002	251	77	42	27	37	8	13	16	9	12	10	0
2003	219	66	37	30	18	14	11	6	7	23	7	0
1	20	2	4	3	3	1	1	2	1	2	1	0
2	12	2	1	0	1	1	2	1	0	4	0	0
3	29	8	5	3	4	2	0	2	0	4	1	0
4	24	15	2	3	0	2	0	0	0	2	0	0
5	18	6	5	1	2	1	0	0	1	2	0	0
6	12	3	3	3	0	0	1	0	2	0	0	0
7	14	2	2	2	0	1	2	0	2	2	1	0
8	15	3	2	1	3	1	0	0	1	3	1	0
9	21	11	3	2	1	0	1	0	0	2	1	0
10	15	2	4	5	2	1	1	0	0	0	0	0
11	19	8	3	1	1	2	2	1	0	1	0	0
12	20	4	3	6	1	2	1	0	0	1	2	0

Source: Korean Maritime Safety Tribunal

B u s a n

Unit: Number of Vessel

		5	6 ~ 20	21 ~ 50	51 ~ 100	101-200	201-500	501-1000	1001-2000	2001-5000	5000	
1994	259	43	44	34	21	21	22	13	14	21	13	13
1995	266	39	28	44	30	22	19	15	16	12	13	28
1996	220	29	31	38	27	24	8	12	13	10	11	17
1997	245	42	29	42	31	19	18	11	15	14	11	13
1998	234	55	34	37	19	23	14	11	11	10	12	8
1999	244	56	39	43	20	15	9	10	11	14	17	10
2000	162	24	22	38	19	11	5	9	10	11	7	6
2001	181	29	24	37	23	13	5	15	12	9	13	1
2002	185	23	21	22	20	20	12	16	15	17	19	0
2003	204	23	17	38	21	24	16	17	18	14	13	3
1	23	3	2	8	3	0	1	4	0	1	1	0
2	11	1	3	2	0	3	2	0	0	0	0	0
3	5	1	0	0	2	0	0	0	1	0	1	0
4	16	2	3	1	3	3	1	0	2	0	1	0
5	13	3	1	3	0	1	0	4	1	0	0	0
6	16	4	0	2	1	2	3	1	2	1	0	0
7	15	0	1	1	0	4	1	1	1	4	1	1
8	15	2	3	1	2	3	1	1	0	1	1	0
9	16	2	1	1	1	1	0	1	3	3	3	0
10	29	2	2	7	4	2	1	0	4	3	3	1
11	23	0	0	8	1	2	5	2	3	0	2	0
12	22	3	1	4	4	3	1	3	1	1	0	1

Source: Korean Maritime Safety Tribunal

I n c h e o n

Unit: Number of Vessel

		5	6 ~ 20	21 ~ 50	51 ~ 100	101-200	201-500	501-1000	1001-2000	2001-5000	5000	
1994	153	30	21	23	33	6	5	7	4	4	11	9
1995	220	25	33	23	47	17	8	11	9	9	15	23
1996	180	9	33	15	51	15	5	9	8	10	14	11
1997	234	24	45	30	56	21	7	3	5	7	17	19
1998	199	22	28	21	64	13	2	6	8	7	14	14
1999	248	27	57	42	59	13	8	2	9	5	13	13
2000	202	19	47	33	47	18	5	8	6	5	9	5
2001	189	16	40	26	51	6	4	7	4	14	16	5
2002	185	27	42	27	29	9	6	9	10	12	14	0
2003	161	21	47	20	13	12	5	12	10	12	9	0
1	8	0	0	1	1	0	1	1	0	1	3	0
2	14	2	3	2	3	1	0	1	2	0	0	0
3	7	0	1	1	1	0	1	0	1	2	0	0
4	13	1	3	2	2	1	0	2	1	0	1	0
5	15	1	8	3	1	1	0	0	1	0	0	0
6	6	0	3	0	0	0	0	1	0	2	0	0
7	21	5	7	0	0	0	0	1	3	3	2	0
8	18	1	1	3	2	2	1	3	1	2	2	0
9	18	1	8	3	1	3	0	1	0	1	0	0
10	19	4	9	2	1	0	1	0	0	1	1	0
11	4	2	0	0	0	0	1	1	0	0	0	0
12	18	4	4	3	1	4	0	1	1	0	0	0

Source: Korean Maritime Safety Tribunal

6.

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Marine Accidents by Gross Tonnage of Vessels

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Unit: Number of Vessel

		5	6 ~ 20	21 ~ 50	51 ~ 100	101-200	201-500	501-1000	1001-2000	2001-5000	5000	
1994	868	141	112	117	191	60	62	39	28	43	38	37
1995	911	123	108	130	188	65	55	55	45	35	36	71
1996	844	86	131	126	200	76	36	41	35	33	31	49
1997	1,027	160	156	155	254	73	44	32	29	34	35	55
1998	936	182	136	142	215	63	29	29	31	31	31	47
1999	1,041	182	196	178	216	66	36	24	32	27	37	47
2000	780	120	134	149	169	48	24	31	30	32	22	21
2001	779	143	133	145	144	41	23	43	27	34	37	9
2002	775	167	132	107	114	43	37	47	37	45	46	0
2003	767	157	148	124	79	57	37	44	37	51	30	3
1	57	6	7	13	10	1	3	7	1	4	5	0
2	42	6	8	4	4	5	5	4	2	4	0	0
3	52	17	7	5	8	2	1	2	2	6	2	0
4	63	23	12	6	5	6	2	2	3	2	2	0
5	61	12	17	9	5	4	2	6	3	3	0	0
6	45	8	9	8	4	3	4	2	4	3	0	0
7	73	13	15	6	6	5	3	4	7	9	4	1
8	60	12	10	6	8	6	2	4	2	6	4	0
9	76	19	15	13	6	5	2	3	3	6	4	0
10	100	13	31	23	10	5	3	2	4	4	4	1
11	62	13	6	12	5	5	8	4	4	2	3	0
12	76	15	11	19	8	10	2	4	2	2	2	1

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Source: Korean Maritime Safety Tribunal

D o n g h a e

Unit:Person

1994	0	20	24	44	9	5	0
1995	0	27	19	46	6	12	0
1996	0	22	27	49	4	23	0
1997	0	24	28	52	6	13	0
1998	0	25	22	47	6	12	0
1999	1	24	22	47	9	2	0
2000	0	14	16	30	2	2	0
2001	0	24	16	40	6	5	0
2002	1	16	22	39	13	2	0
2003	0	11	22	33	3	8	0
1	0	0	1	1	0	1	0
2	0	2	2	4	0	0	0
3	0	3	4	7	0	2	0
4	0	2	4	6	0	1	0
5	0	1	2	3	0	0	0
6	0	2	1	3	1	0	0
7	0	0	1	1	0	2	0
8	0	0	1	1	0	0	0
9	0	0	0	0	0	0	0
10	0	1	2	3	0	0	0
11	0	0	4	4	2	2	0
12	0	0	0	0	0	0	0

Source: Korean Maritime Safety Tribunal

M o k p o

Unit:Person

1994	0	58	42	100	0	46	0
1995	0	35	40	75	0	30	0
1996	1	78	25	104	1	34	0
1997	0	45	32	77	15	32	0
1998	0	49	44	93	5	10	0
1999	0	39	29	68	12	27	0
2000	1	41	41	83	4	22	0
2001	0	73	54	127	14	23	0
2002	0	38	59	97	18	46	0
2003	0	21	48	69	11	19	0
1	0	0	0	0	4	1	0
2	0	1	4	5	0	4	0
3	0	2	9	11	0	3	0
4	0	7	3	10	4	2	0
5	0	1	4	5	0	0	0
6	0	2	5	7	2	2	0
7	0	1	4	5	0	0	0
8	0	3	3	6	1	3	0
9	0	4	8	12	0	1	0
10	0	0	2	2	0	1	0
11	0	0	0	0	0	0	0
12	0	0	6	6	0	2	0

Source: Korean Maritime Safety Tribunal

B u s a n

Unit:Person

1994	0	77	61	138	12	45	0
1995	0	127	56	183	3	62	0
1996	2	154	78	234	4	69	0
1997	0	88	83	171	18	50	0
1998	1	106	85	192	37	52	0
1999	0	110	91	201	29	45	0
2000	0	106	79	185	19	44	0
2001	0	37	34	71	12	23	0
2002	0	40	30	70	16	29	0
2003	0	17	81	98	23	15	0
1	0	0	3	3	2	0	0
2	0	1	5	6	1	3	0
3	0	3	5	8	2	1	0
4	0	4	15	19	3	0	0
5	0	2	9	11	3	4	0
6	0	1	4	5	2	2	0
7	0	0	7	7	2	1	0
8	0	2	8	10	5	2	0
9	0	3	9	12	1	1	0
10	0	1	12	13	2	1	0
11	0	0	3	3	0	0	0
12	0	0	1	1	0	0	0

Source: Korean Maritime Safety Tribunal

I n c h e o n

Unit:Person

1994	0	14	20	34	10	9	0
1995	0	18	32	50	1	18	0
1996	0	45	63	108	7	30	0
1997	2	31	37	70	25	21	0
1998	0	23	30	53	6	21	0
1999	0	25	31	56	11	17	0
2000	0	28	22	50	12	16	0
2001	0	29	44	73	24	20	0
2002	1	38	39	78	42	14	0
2003	0	28	26	54	25	17	0
1	0	6	1	7	2	3	0
2	0	3	3	6	3	2	0
3	0	1	2	3	5	3	0
4	0	5	1	6	4	0	0
5	0	6	3	9	4	1	0
6	0	1	4	5	3	0	0
7	0	0	0	0	0	0	0
8	0	0	1	1	1	2	0
9	0	0	2	2	0	0	0
10	0	1	1	2	2	5	0
11	0	2	2	4	0	0	0
12	0	3	6	9	1	1	0

Source: Korean Maritime Safety Tribunal

7. ()

Condition of Discipline by Marine Accidents

Unit: Person

1994	0	169	147	316	31	105	0
1995	0	207	147	354	10	122	0
1996	3	299	193	495	16	156	0
1997	2	188	180	370	64	116	0
1998	1	203	181	385	54	95	0
1999	1	198	173	372	61	91	0
2000	1	189	158	348	37	84	0
2001	0	163	148	311	56	71	0
2002	2	132	150	284	89	91	0
2003	0	77	177	254	62	59	0
1	0	6	5	11	8	5	0
2	0	7	14	21	4	9	0
3	0	9	20	29	7	9	0
4	0	18	23	41	11	3	0
5	0	10	18	28	7	5	0
6	0	6	14	20	8	4	0
7	0	1	12	13	2	3	0
8	0	5	13	18	7	7	0
9	0	7	19	26	1	2	0
10	0	3	17	20	4	7	0
11	0	2	9	11	2	2	0
12	0	3	13	16	1	3	0

Navigation

Classification Year	Total	Visual Aids							
		Manned Light House	Un-Manned Light House	Lighted Beacon	Range Lights	Projector	Direction Lights	Lighted Staff	Lighted Buoy
1994	974 (399)	47	418 (78)	103 (1)	3 (4)	4	2 (1)	5 (5)	252 (225)
1995	990 (480)	48	423 (86)	108 (1)	3 (4)	4	2 (1)	4 (7)	255 (277)
1996	1,009 (529)	48	423 (95)	114 (2)	2 (4)	4	1 (4)	3 (7)	265 (297)
1997	1,046 (655)	48	428 (104)	119 (6)	3 (4)	4	3 (2)	3 (12)	276 (376)
1998	1,123 (751)	48	462 (117)	131 (6)	3 (4)	4	3 (3)	5 (7)	296 (425)
1999	1,194 (733)	49	503 (124)	143 (6)	3 (4)	4	3 (3)	4 (7)	312 (398)
2000	1,252 (702)	49	535 (129)	152 (5)	3 (4)	4	3 (4)	4 (7)	318 (369)
2001	1,298 (832)	49	554 (131)	167 (7)	3 (4)	5	3 (4)	4 (7)	324 (471)
2002	1,365 (918)	49	585 (134)	178 (8)	3 (4)	6	3 (4)	5 (11)	340 (530)
2003	2,841 (2,189)	98	1,216 (282)	392 (16)	6 (7)	14	6 (8)	16 (30)	680 (1,322)
Busan	104 (163)	3	35 (10)	10 (3)	1 (0)	0	0 (0)	0 (0)	24 (126)
Incheon	143 (187)	5	24 (34)	25 (1)	0 (0)	0	0 (1)	0 (4)	53 (86)
Donghae	57 (46)	0	7 (16)	4 (0)	0 (0)	0	0 (1)	0 (0)	41 (19)
Daesan	82 (12)	5	56 (5)	1 (0)	1 (0)	2	0 (1)	1 (3)	3 (0)
Gunsan	79 (124)	3	25 (12)	18 (1)	0 (1)	0	0 (1)	0 (3)	23 (91)
Mokpo	89 (37)	2	33 (9)	17 (3)	0 (0)	0	0 (0)	2 (1)	22 (18)
Yeosu	229 (91)	10	120 (6)	25 (0)	0 (0)	0	0 (0)	0 (1)	39 (48)
Pohang	218 (202)	4	74 (11)	33 (0)	0 (2)	0	2 (0)	4 (1)	68 (138)
Masan	92 (27)	7	49 (9)	2 (0)	1 (0)	2	1 (0)	0 (0)	15 (16)
Ulsan	144 (122)	3	97 (12)	44 (0)	0 (1)	0	0 (0)	0 (0)	0 (72)
Jeju	51 (48)	3	12 (14)	1 (0)	0 (0)	0	0 (0)	0 (0)	29 (27)

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Aids

Unit : Number

Unlighted Aids			Audials Aids			Radio Aids				Bridge Aids	
Day Beacon	Range Mark	Lighted Buoy	Air-Siren	Electric Horn	Motor Siren	Radio Beacon	DGPS	Racon	Loran	Night Mark	Day Mark
26	0	33	26	23	2	7	0	22	1	0	0
(1)		(34)		(24)				(0)		(17)	(9)
24	0	34	25	23	2	7	0	27	1	0	0
(1)		(46)		(30)				(0)		(10)	(17)
24	0	35	24	24	2	7	0	32	1	0	0
(0)		(50)		(35)				(6)		(12)	(17)
28	0	39	24	24	1	7	0	38	1	0	0
(0)		(65)		(40)				(6)		(20)	(20)
29	0	44	24	22	1	7	0	43	1	0	0
(0)		(71)		(41)				(6)		(35)	(36)
26	0	43	24	21	1	7	2	48	1	0	0
(0)		(60)		(42)				(8)		(40)	(41)
28	0	40	24	21	1	7	7	55	1	0	0
(0)		(49)		(41)				(7)		(43)	(44)
28	0	38	24	20	1	7	8	62	1	0	0
(0)		(62)		(41)				(8)		(48)	(49)
27	0	41	24	20	1	8	9	65	1	0	0
(0)		(68)		(42)				(8)		(54)	(55)
56	0	80	44	42	1	16	22	131	2	11	8
(0)		(180)		(88)				(20)		(120)	(116)
0	0	2	2	1	0	1	1	5	0	11	8
(0)		(5)		(0)				(0)		(11)	(8)
6	0	13	1	2	0	2	2	10	0	0	0
(0)		(9)		(11)				(2)		(19)	(20)
0	0	0	0	2	0	0	0	3	0	0	0
(0)		(0)		(6)				(0)		(2)	(2)
0	0	0	2	4	0	1	2	4	0	0	0
(0)		(2)		(1)				(0)		(0)	(0)
0	0	3	1	0	0	0	0	6	0	0	0
(0)		(1)		(8)				(0)		(3)	(3)
5	0	0	2	0	0	1	1	4	0	0	0
(0)		(3)		(3)				(0)		(0)	(0)
12	0	3	5	3	0	0	1	11	0	0	0
(0)		(21)		(1)				(0)		(7)	(7)
1	0	16	2	2	0	1	1	10	0	0	0
(0)		(20)		(7)				(5)		(9)	(9)
0	0	0	4	2	0	2	2	4	1	0	0
(0)		(0)		(0)				(0)		(1)	(1)
0	0	0	0	0	0	0	0	0	0	0	0
(0)		(17)		(2)				(2)		(8)	(8)
1	0	1	1	2	0	0	0	1	0	0	0
(0)		(1)		(5)				(1)		(0)	(0)

Note: 1.(.) indicates Number of Private Aids to Navigation

2. This Change in the figure is a result of re-classification of Public and Private aids to navigation

Source: Director General for Maritime Safety Management