

발 간 등 록 번 호

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해양수산통계연보 2007

Statistical Yearbook of Maritime Affairs & Fisheries



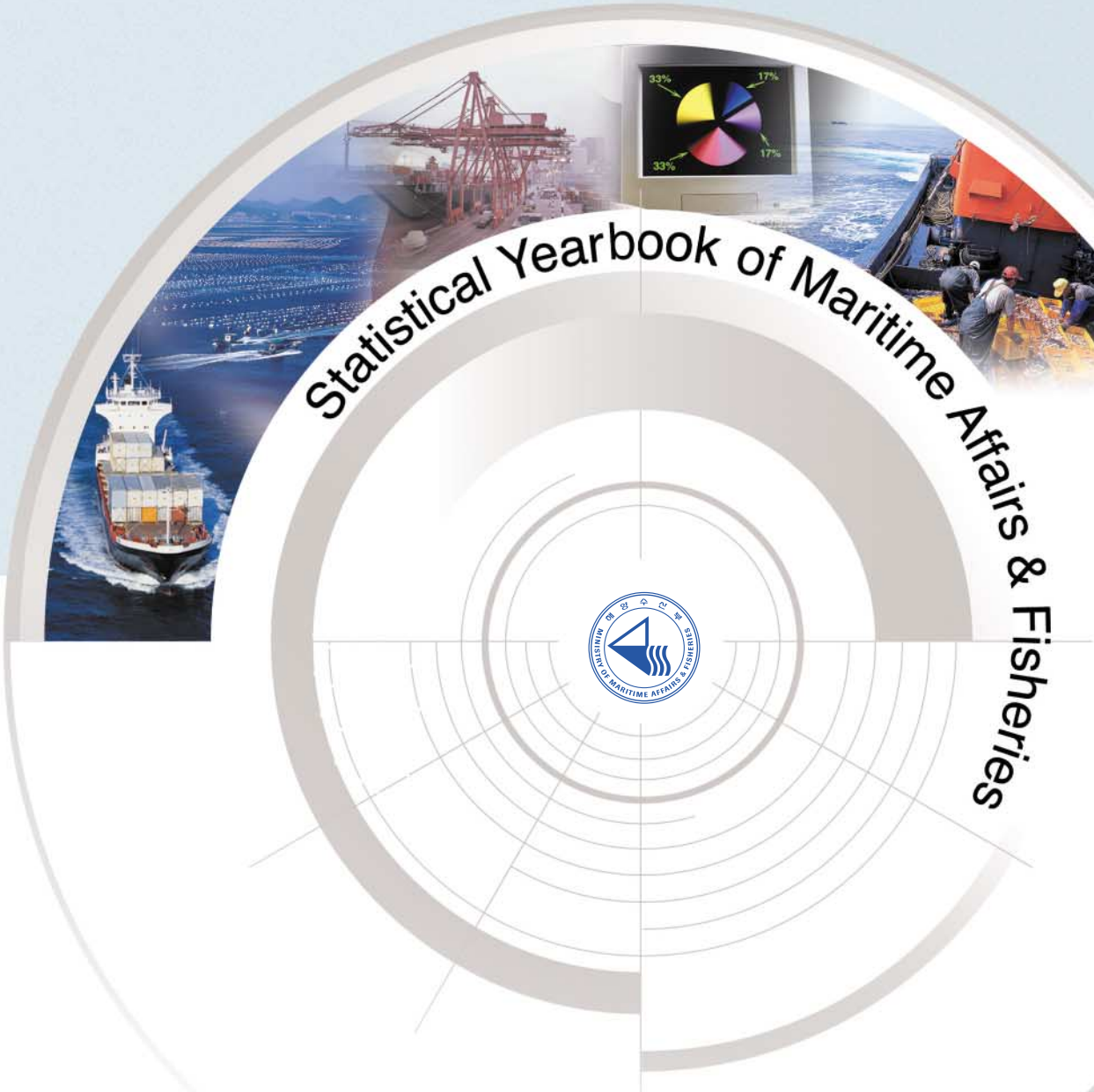
해양수산부

MINISTRY OF MARITIME AFFAIRS & FISHERIES

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발 간 사


‘통계가 곧 21세기 국가경쟁력’으로 선진 해양한국 건설을 위한 해양수산정책 입안의 척도라 할 수 있습니다.

통계는 정부정책을 수립하고 집행하는 데 가장 기본이 되는 정보일 뿐 만 아니라 정부정책의 효율성을 평가할 수 있는 지표이기도 합니다. 따라서 통계지표를 중심으로 한 국정 점검, 국정 평가의 필요성이 강조되고 있는 상황입니다.

해양수산부는 이러한 통계의 중요성을 인식하여 국민들이 보다 편리하고 쉽게 다양한 해양수산 통계를 이용할 수 있도록 최선을 다하고 있으며, 매년 발행되고 있는 해양수산통계연보에는 지난 1년간 해양수산 각 분야에서 이루어진 사항을 망라해 정확하게 수록하고자 노력하였습니다.

사용자들의 편의를 위해 인터넷 검색, 출력 및 파일 저장 등이 가능하도록 해양수산부 홈페이지(www.momaf.go.kr)에 기능을 구현하였습니다. 이번에 발간되는 해양수산통계연보가 국민 여러분들이 해양수산 행정을 이해하는 데 도움이 되고, 또한 관련 연구자들에게는 유익한 자료로 활용되기 바라면서 아낌 없는 도움을 주신 관계자 여러분께 깊은 감사를 드립니다.

2007년 6월

해양수산부장관 

이용자를 위하여

1. 2007 해양수산통계연보는 우리나라 해양수산분야의 주요한 통계자료를 수록한 것으로 우리부에서 실시한 조사와 산하기관의 보고 및 관계기관의 통계자료 중 승인통계를 편집하여 수록하였습니다.
2. 또한 정보화시대에 발맞추어 자료수집 및 분석과정에 정보기술을 활용함으로써 자료의 정확성을 높였을 뿐만 아니라, 검색과 활용이 편리하도록 각 분야별 분류를 구체화하여 제작하였습니다.
3. 본 「2007 해양수산통계연보」는 2006년 12월말 기준으로 조사된 통계를 수록하였으며 각 표에는 시계열 분석을 할 수 있도록 가급적 최근 5~10년간의 통계를 수록하였습니다.
4. 우리부 홈페이지(www.momaf.go.kr)를 통해서도 이용하실 수 있습니다.
5. 통계연보에 사용된 부호는 다음과 같습니다.
 - (0) 단위미만
 - (-) 해당숫자없음
 - (...) 해당숫자 미상
 - (*) 추정치
 - (△) 감소

Explanatory Notes

1. This yearbook contains major statistics related to Korea's maritime affairs and fisheries, compiled from authentic sources surveyed by MOMAF, its subsidiaries, and other relevant organizations.
2. This new edition of the yearbook has been updated with technologically more accurate data to keep pace with the information technology age and it is duly sub-sectioned for user's quick and convenient reference.
3. The statistics in this yearbook are as of December 2006. Data of the most recent five to ten years are provided in tables to show the changes in trend.
4. The yearbook is also accessible at www.momaf.go.kr
5. Codes used in the Yearbook are as follows;

(0)	Less than the unit value
(-)	Data not applicable
(...)	Data unknown or unreported
(*)	Estimated
(△)	Decreased

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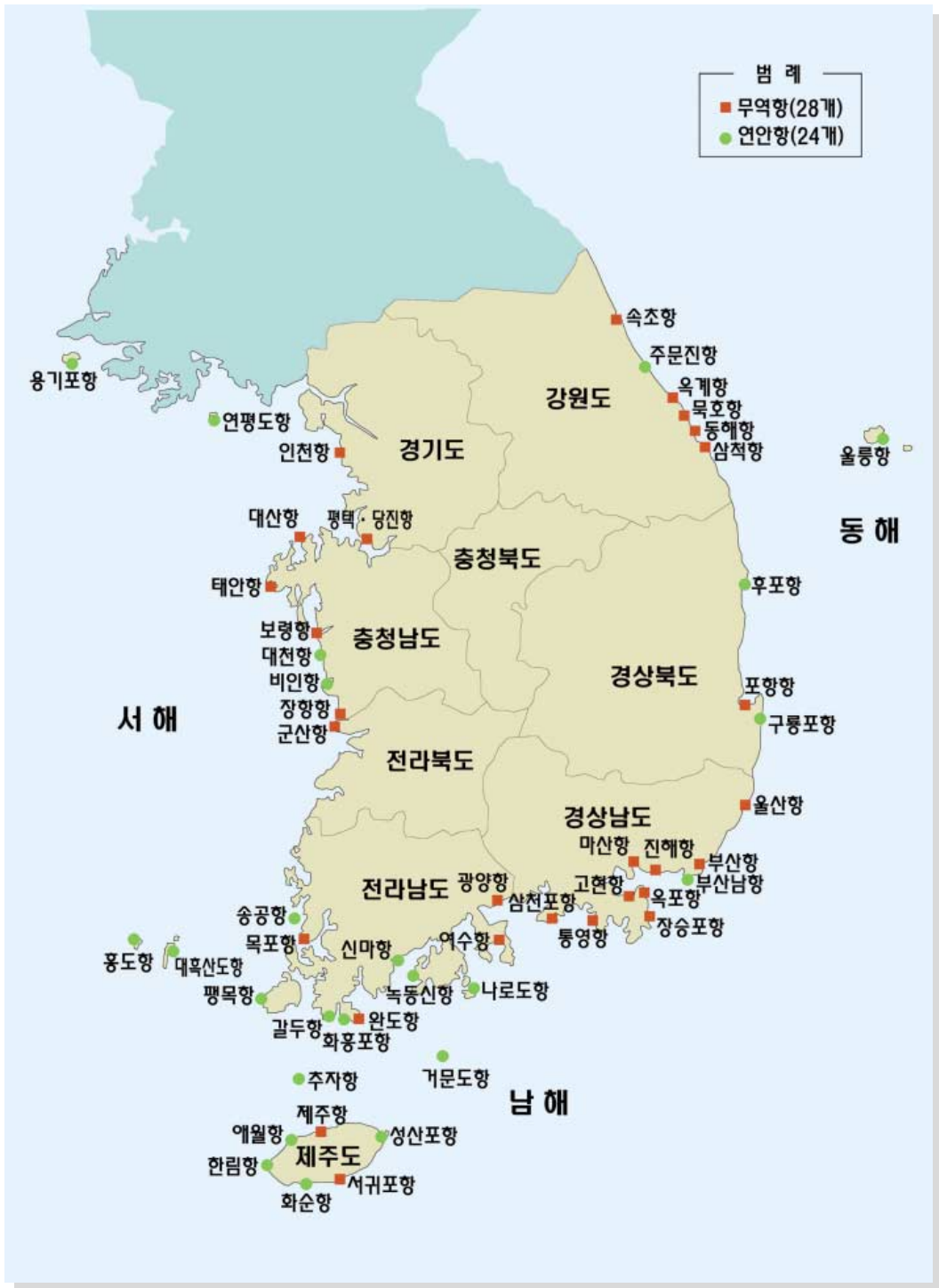
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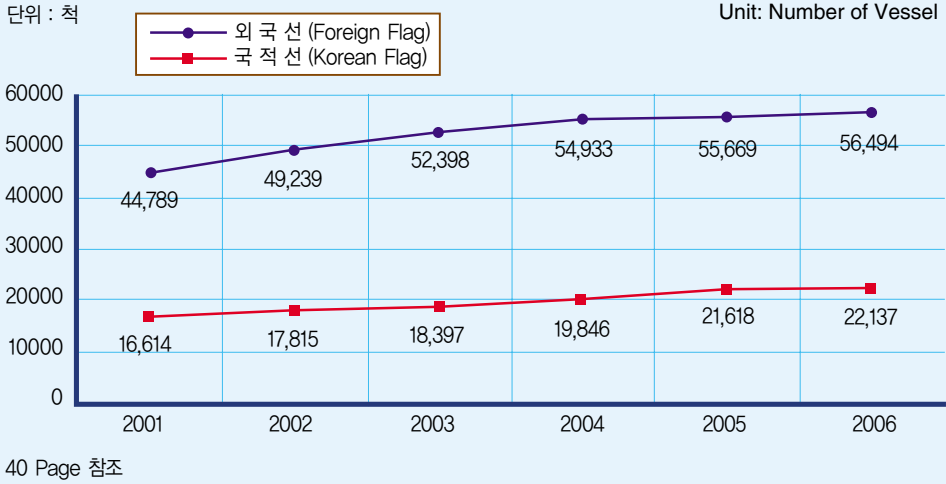
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Shipping

1. 지정항만 일람도

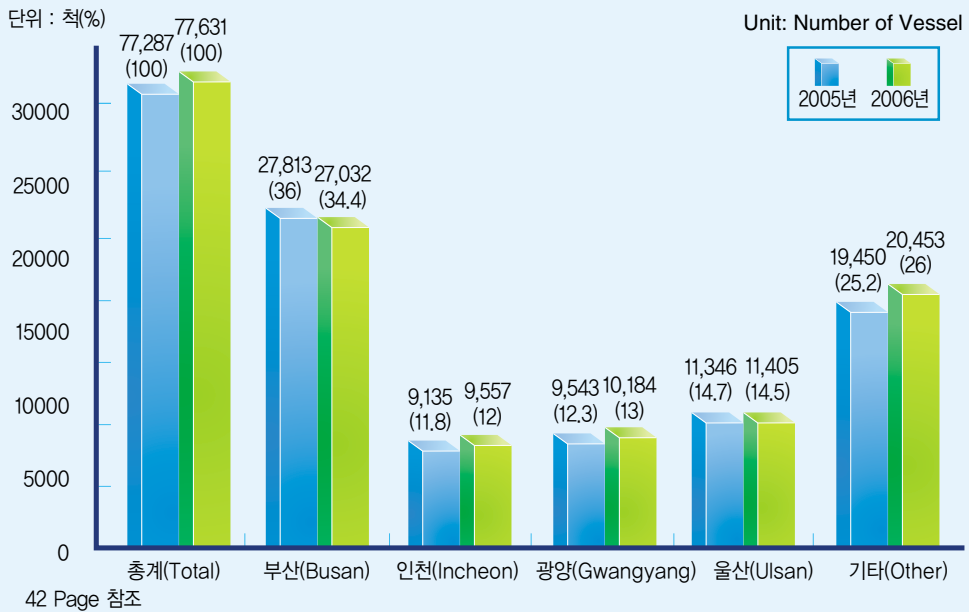
Location Map of the Designated Ports



2. 선박입항 추이 Trends of Vessel Arrival Trends

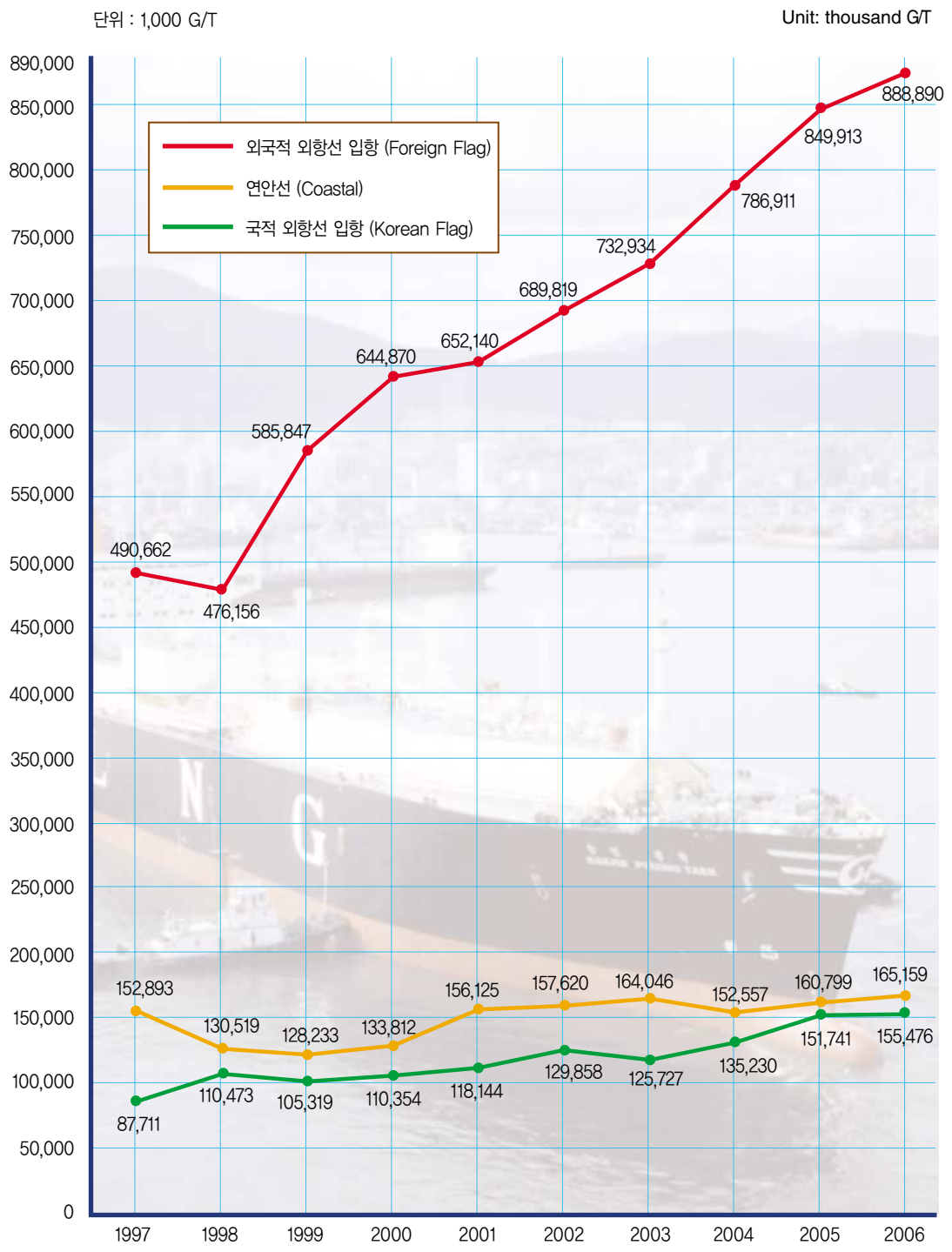


3. 주요 항만별 입항 추이 Trends of Vessel Arrival by Port



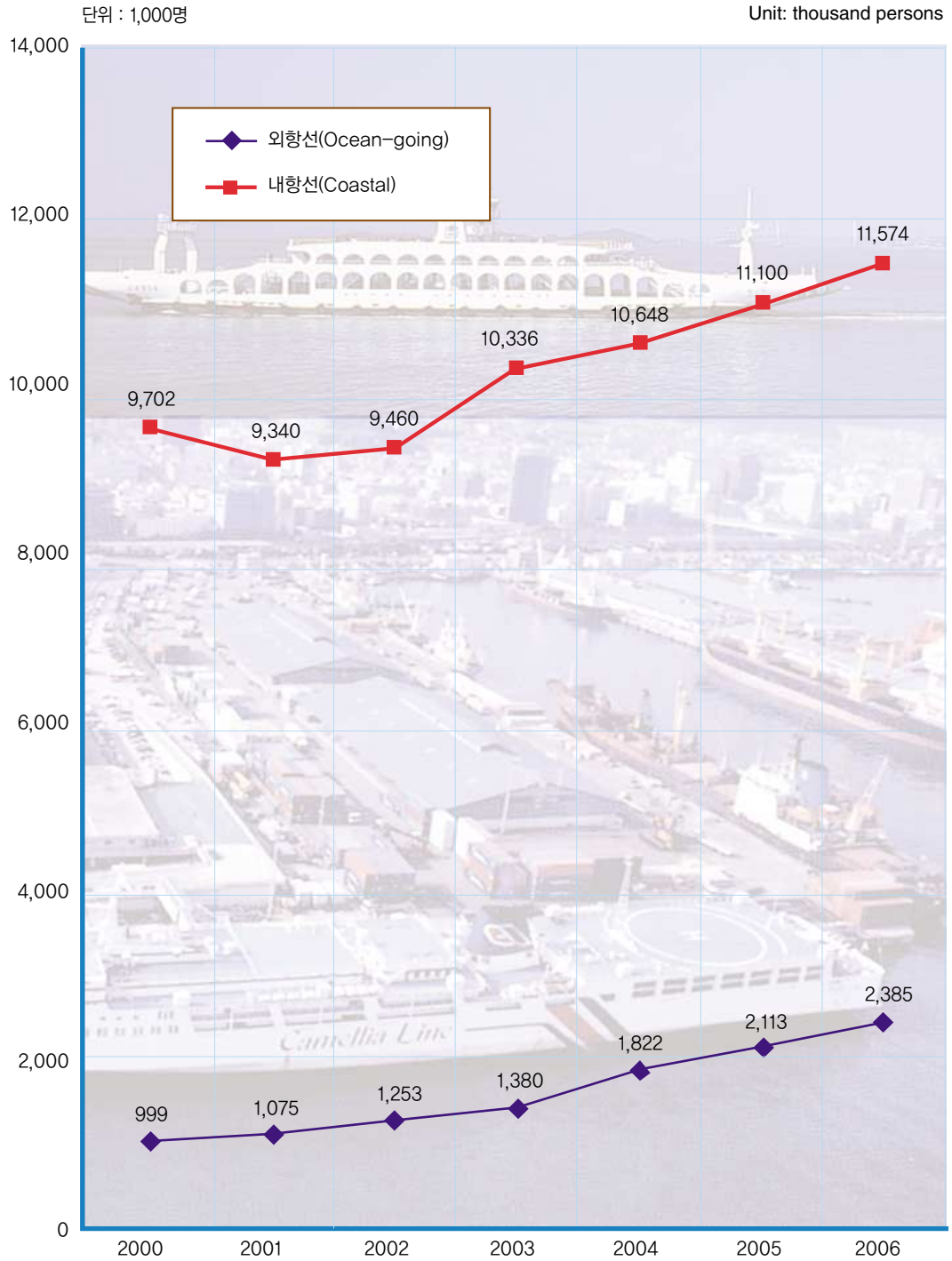
4. 선박입항 추이(톤급)

Trends of Vessel Arrival by Tonnage

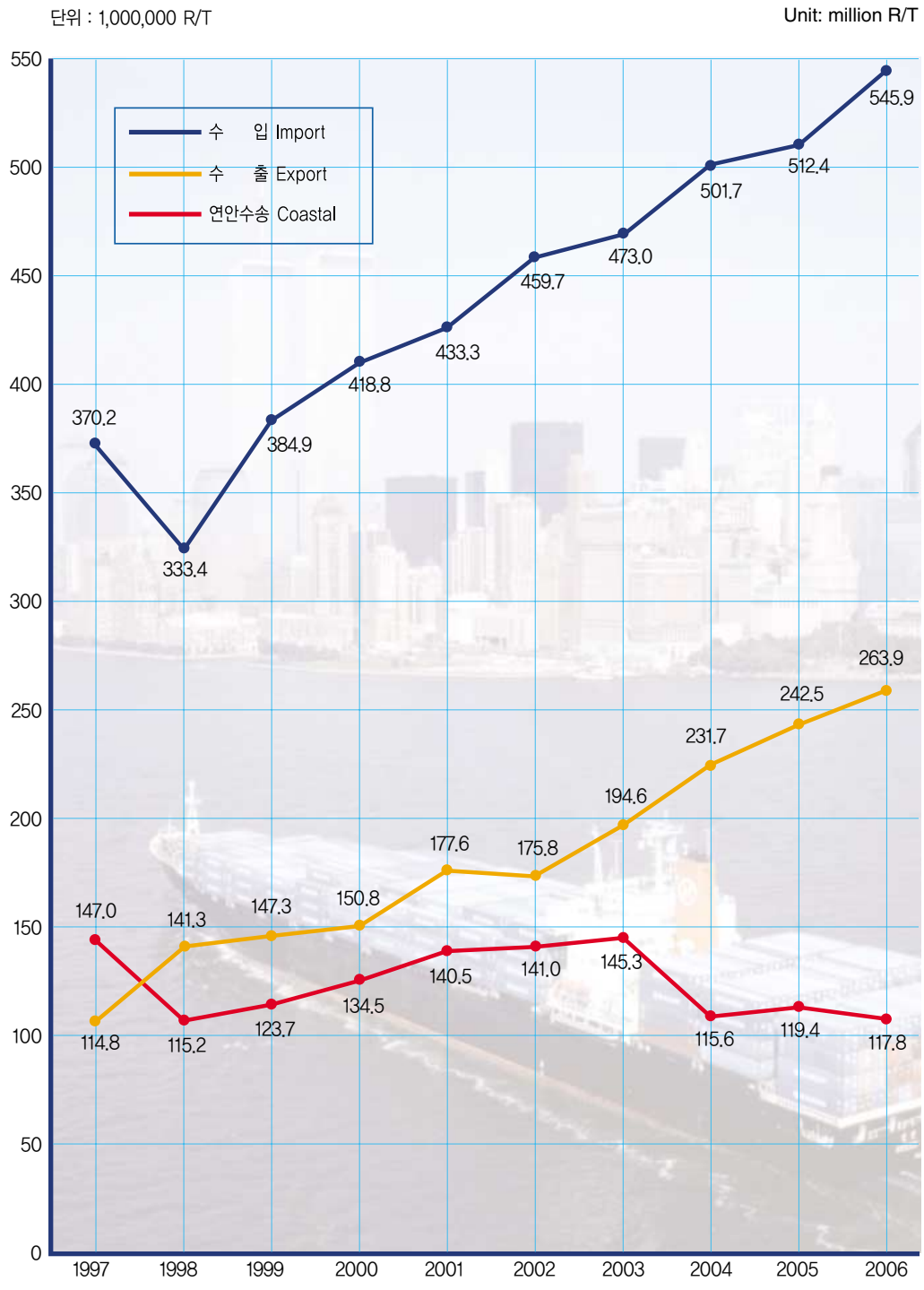


5. 여객수송 추이

Trends of Passenger Transportation



6. 화물수송 추이 Trends of Cargo Transportation

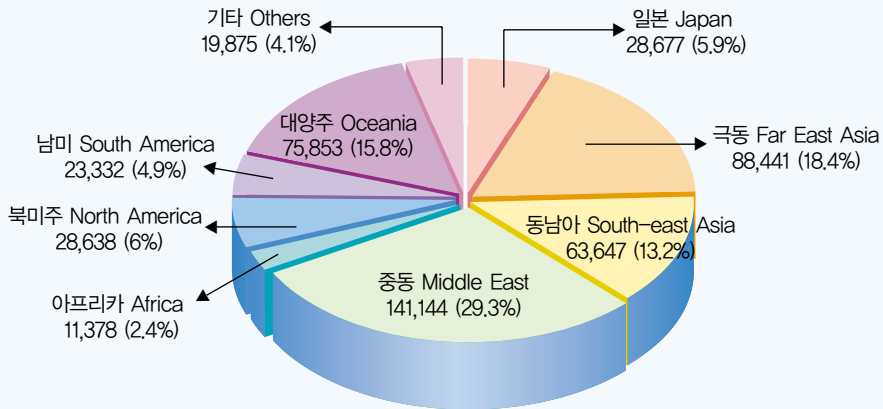


7. 지역별 수입화물수송 Import Cargo Transportation by Area

단위 : 1,000 R/T

합계
480,985

Unit: thousand R/T



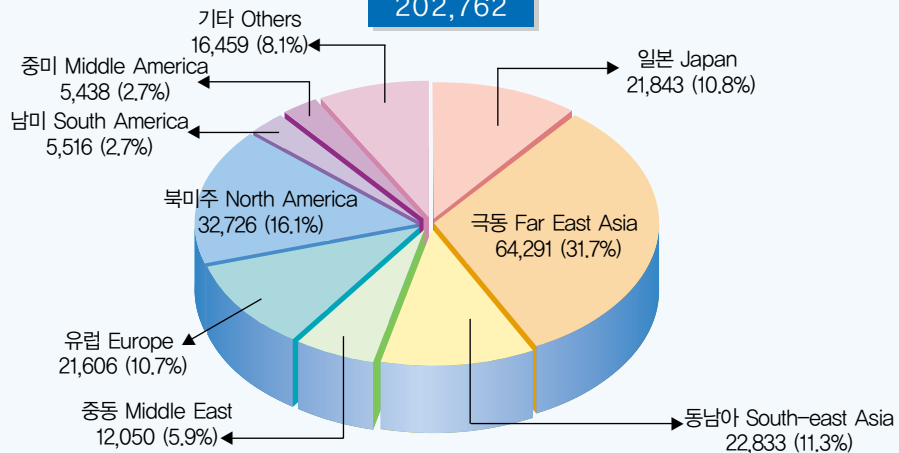
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8. 지역별 수출화물수송 Export Cargo Transportation by Area

단위 : 1,000 R/T

합계
202,762

Unit: thousand R/T

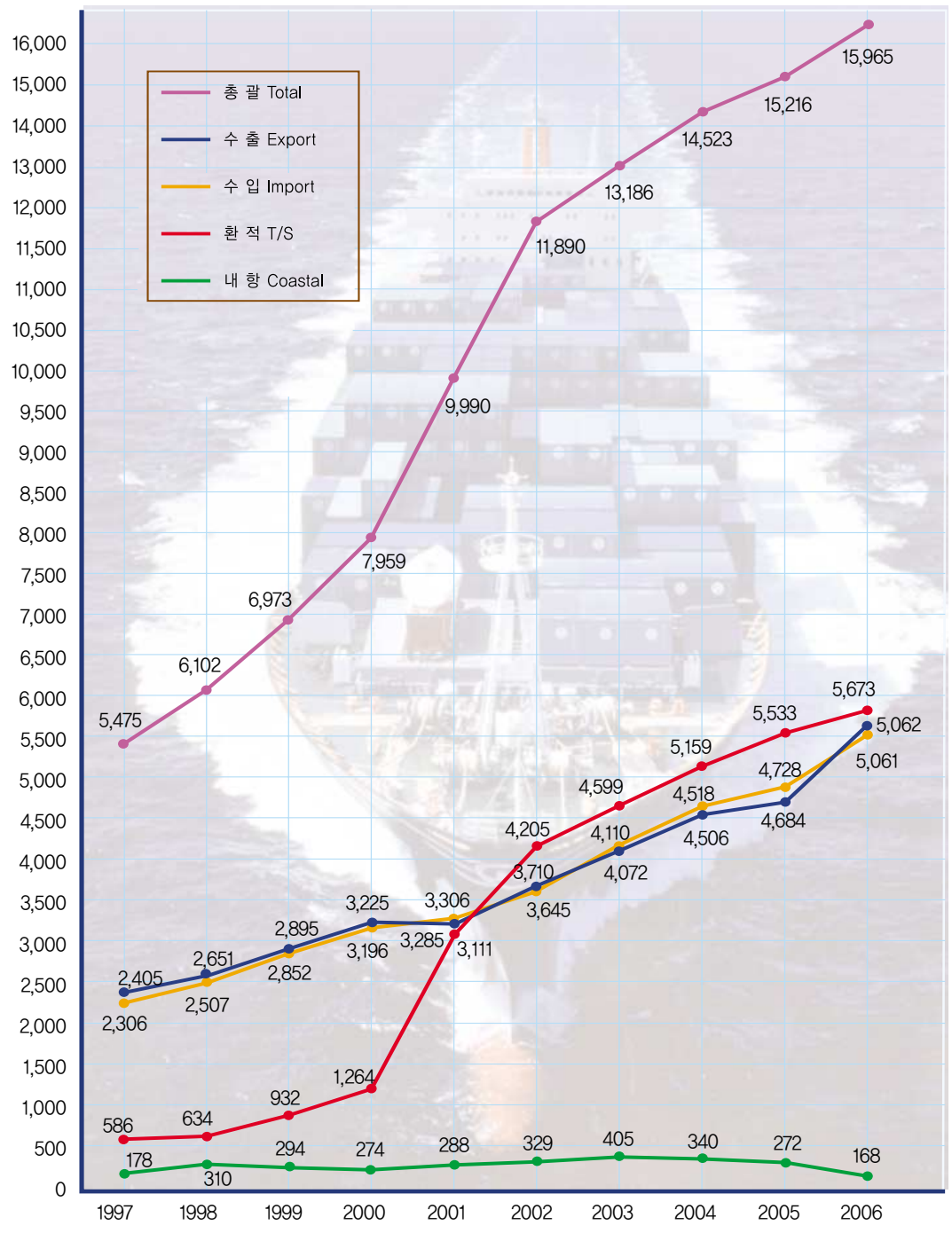


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9. 컨테이너 수송추이 Trends of Container Transportation

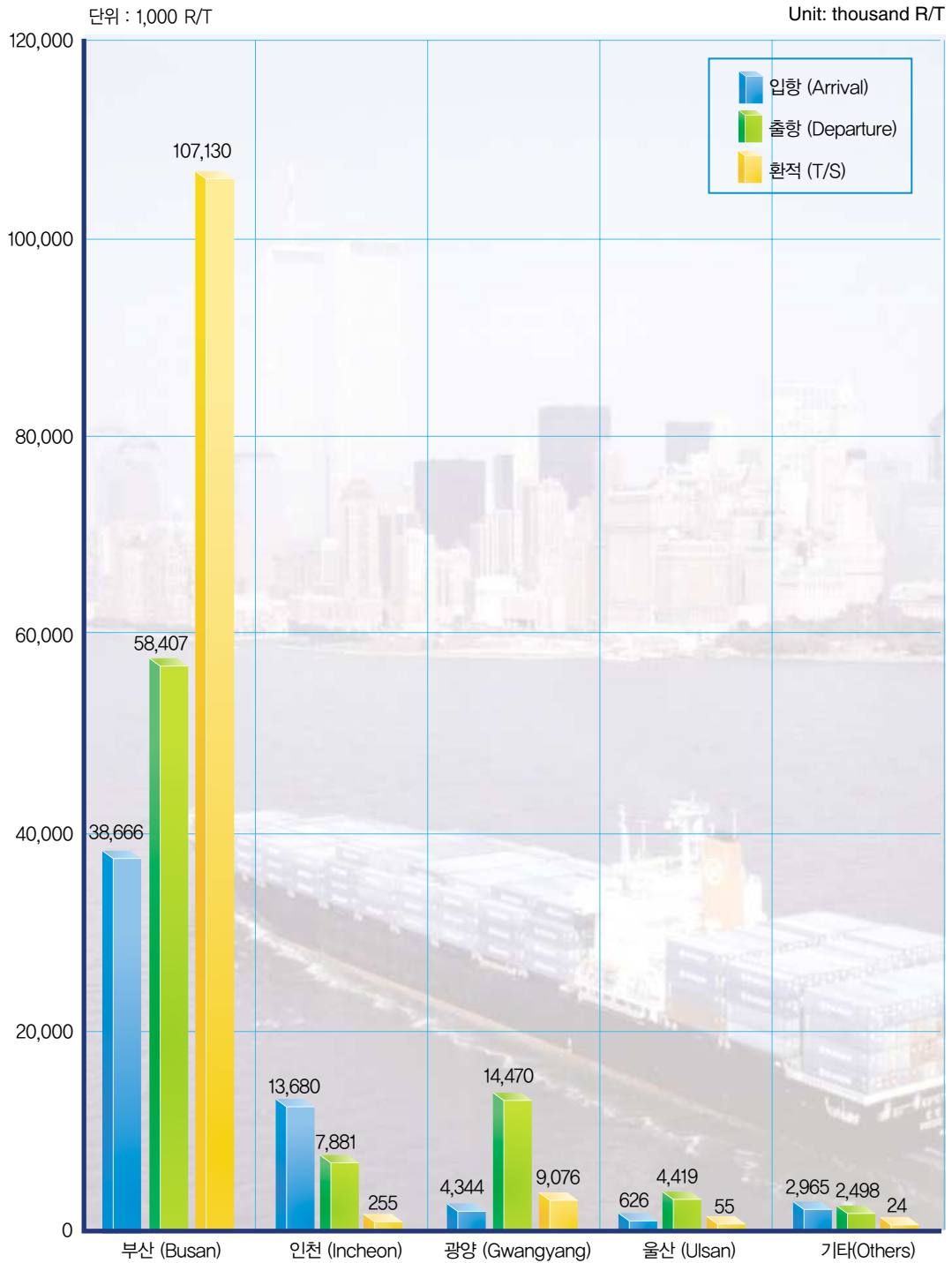
단위 : 1,000 TEU

Unit: thousand TEU



10. 컨테이너 화물수송(항별)

Container Transportation (Port)



I. 입항선박톤급별통계

1. 작성 목적

- *선박의 입항추이를 분석하여 항만시설 증설 등 정책수립의 기초 자료로 활용

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12310호('75. 07. 29)
- *관련법령 : 개항질서법 제5조, 개항질서법시행령 제4조, 제5조, 동법시행규칙 제3조1항, 2항

3. 작성 기간 및 기준시점

- *작성 기간 : 1. 1 ~ 12. 31(1년)
- *작성 기준 : 매년 12. 31
- *결과 공표 : 익년 2월 말경

4. 작성 대상

- *우리나라 28개 무역항에 입출항 하는 선박
 - 부산항, 인천항, 평택·당진항, 마산항, 통영항, 삼천포항, 장승포항, 진해항, 목포항, 고현항, 동해항, 묵호항, 속초항, 삼척항, 옥계항, 울산항, 군산항, 장항항, 보령항, 대산항, 태안항, 목포항, 완도항, 여수항, 광양항, 포항항, 제주항, 서귀포항

5. 작성 방법

- *항만물류시스템을 통해 자료취합

6. 주요 항목

* 입항선박 사업구역(외항선, 연안선)별 척수와 총톤수, 선종별 등

7. 작성 절차



I. Vessel Movement by Gross Tonnage

1. Objectives

To analyze trends of incoming vessels and use as basic data for establishing policies to expand port facilities

2. Legal Basis

Designated statistics under Article 15, the Statistics Law

Publication of statistics under Article 27, the Statistics Law

Approval number 12310 (July 29, 1975)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)

Surveyed at a point of time: December 31 of every year

Publication of statistics: At the end of February of the following year

4. Subject

Vessels arriving at or departing from 28 trade ports in Korea

5. Method

By compiling data through the Port-MIS

6. Survey Items

Number of incoming vessels and gross tonnage by trade/vessel type

7. Process

Port MIS report (civil applicant) → Port-MIS compilation (regional offices) →

Statistics DB compilation (SP-IDC) → Publication (MOMAF)

1.

()

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
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
2004	375,635	2,159,533,152	19,846	135,230,161	54,933	786,911,492	74,779	922,141,653	112,996	152,557,019
2005	376,794	2,337,370,297	21,618	151,740,675	55,669	849,913,011	77,287	1,001,653,686	111,047	160,799,206
2006	385,333	2,433,109,022	22,137	155,475,643	56,494	888,890,277	78,631	1,044,365,920	113,952	165,159,314
1	31,793	206,093,252	1,795	13,014,175	4,786	75,993,905	6,581	89,008,080	9,321	13,594,059
2	28,846	180,795,741	1,597	11,673,275	4,218	66,401,170	5,815	78,074,445	8,546	11,672,778
3	33,739	209,456,506	1,886	12,527,792	4,863	76,982,121	6,749	89,509,913	10,125	14,366,136
4	31,891	197,543,172	1,792	11,709,861	4,677	72,607,838	6,469	84,317,699	9,454	13,747,823
5	33,385	207,711,747	1,888	12,968,239	4,900	75,417,677	6,788	88,385,916	9,898	14,659,549
6	33,366	201,043,607	1,917	13,360,340	4,758	72,729,783	6,675	86,090,123	10,024	14,317,985
7	30,218	198,871,936	1,856	12,846,935	4,652	73,752,579	6,508	86,599,514	8,579	12,261,653
8	31,754	199,806,832	1,875	13,178,362	4,803	72,495,505	6,678	85,673,867	9,178	13,329,102
9	32,360	204,760,541	1,845	13,890,534	4,768	74,336,077	6,613	88,226,611	9,561	13,673,539
10	31,988	200,366,009	1,839	12,601,522	4,580	72,481,322	6,419	85,082,844	9,552	14,376,530
11	32,145	208,716,301	1,882	12,796,774	4,635	76,886,794	6,517	89,683,568	9,552	13,979,045
12	33,848	217,943,378	1,965	14,907,834	4,854	78,805,506	6,819	93,713,340	10,162	15,181,115

:

1. Total Vessel Movement

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
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
187,775	1,074,698,672	19,807	135,176,339	55,057	797,101,122	74,864	932,277,461	112,996	152,557,019	187,860	1,084,834,480
188,334	1,162,452,892	21,545	151,185,923	55,868	862,932,276	77,413	1,014,118,199	111,047	160,799,206	188,460	1,174,917,405
192,583	1,209,525,234	22,101	155,401,263	56,666	903,014,876	78,767	1,058,416,139	113,983	165,167,649	192,750	1,223,583,788
15,902	102,602,139	1,817	12,742,003	4,753	77,155,051	6,570	89,897,054	9,321	13,594,059	15,891	103,491,113
14,361	89,747,223	1,634	11,907,992	4,306	67,468,571	5,940	79,376,563	8,545	11,671,955	14,485	91,048,518
16,874	103,876,049	1,878	13,127,895	4,858	78,066,237	6,736	91,194,132	10,129	14,386,325	16,865	105,580,457
15,923	98,065,522	1,788	11,375,971	4,727	74,363,627	6,515	85,739,598	9,453	13,738,052	15,968	99,477,650
16,686	103,045,465	1,908	13,067,302	4,889	76,937,234	6,797	90,004,536	9,902	14,661,746	16,699	104,666,282
16,699	100,408,108	1,908	13,315,500	4,730	72,998,128	6,638	86,313,628	10,029	14,321,871	16,667	100,635,499
15,087	98,861,167	1,855	12,281,730	4,693	75,482,081	6,548	87,763,811	8,583	12,246,958	15,131	100,010,769
15,856	99,002,969	1,861	13,471,020	4,859	74,004,053	6,720	87,475,073	9,178	13,328,790	15,898	100,803,863
16,174	101,900,150	1,835	13,813,925	4,786	75,370,937	6,621	89,184,862	9,565	13,675,529	16,186	102,860,391
15,971	99,459,374	1,837	12,531,761	4,626	73,996,887	6,463	86,528,648	9,554	14,377,987	16,017	100,906,635
16,069	103,662,613	1,888	13,499,057	4,632	77,574,246	6,520	91,073,303	9,556	13,980,385	16,076	105,053,688
16,981	108,894,455	1,892	14,267,107	4,807	79,597,824	6,699	93,864,931	10,168	15,183,992	16,867	109,048,923

Source: Information Team

1-1. 항만별 선박입출항 현황

항 별 Port	총 계 Grand Total		입 항 선 Arrival							
			외 항 선 Ocean-going						연 안 선 Coastal	
			국 적 선 Korean Flag		외 국 선 Foreign Flag		계 Sub Total			
	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T
합 계 Total	385,333	2,433,109,022	22,137	155,475,643	56,494	888,890,277	78,631	1,044,365,920	113,952	165,159,314
부 산 Busan	100,787	728,155,565	7,654	44,001,995	19,378	300,497,724	27,032	344,499,719	23,353	19,098,485
인 천 Incheon	41,905	293,214,137	1,210	6,484,681	8,347	108,228,249	9,557	114,712,930	11,422	31,969,995
평 택 당 진 Pyeongtaek -Dangjin	11,709	131,280,285	1,025	11,351,022	2,142	48,812,924	3,167	60,163,946	2,699	5,594,409
동 해 Donghae	6,429	30,026,457	88	973,773	1,152	7,414,723	1,240	8,388,496	1,978	6,692,592
삼 척 Samcheok	2,464	8,144,211	56	172,863	81	139,874	137	312,737	1,095	3,759,661
목 호 Mukho	2,797	2,262,315	25	94,687	232	86,220	257	180,907	1,147	955,050
속 초 Sokcho	1,380	3,118,749	27	325,116	572	1,209,345	599	1,534,461	93	32,109
옥 계 Okgea	2,331	7,492,448	8	180,292	64	524,844	72	705,136	1,094	3,041,446
대 산 Daesan	10,312	72,377,830	580	3,083,869	1,037	26,410,975	1,617	29,494,844	3,535	6,757,797
보 령 Boryeong	613	10,845,664	51	2,107,741	68	3,178,816	119	5,286,557	188	137,108
태 안 Taean	517	10,066,390	24	864,678	80	4,067,964	104	4,932,642	155	118,761
군 산 Gunsan	8,340	67,289,587	411	2,980,515	1,528	27,128,345	1,939	30,108,860	2,234	3,436,707
장 항 Janghang	1,545	3,187,825	4	11,505	103	229,826	107	241,331	668	1,338,225
목 포 Mokpo	19,176	57,950,110	239	2,210,880	1,098	19,971,967	1,337	22,182,847	8,251	6,337,802
완 도 Wando	2,283	1,356,445	58	46,103	35	95,239	93	141,342	1,051	542,441
여 수 Yeosu	10,296	31,181,385	191	1,179,173	656	12,831,600	847	14,010,773	4,308	1,633,866
광 양 Gwangyang	43,645	415,610,247	3,921	39,846,008	6,263	141,804,767	10,184	181,650,775	11,646	26,234,305
포 항 Pohang	19,445	90,819,115	1,045	13,099,523	2,646	21,463,301	3,691	34,562,824	6,044	10,874,863
마 산 Masan	19,259	64,153,625	846	3,513,478	1,558	18,720,239	2,404	22,233,717	7,240	9,849,793
삼 천 포 Samcheonpo	2,436	23,722,590	74	1,816,046	263	9,487,233	337	11,303,279	884	632,228
옥 포 Okpo	4,693	9,990,514	232	423,121	59	206,525	291	629,646	2,039	2,723,806
장 승 포 Jangseungpo	25	17,974	0	0	0	0	0	0	12	3,229
진 해 Jinhae	2,817	4,677,474	119	194,132	244	1,180,472	363	1,374,604	1,040	853,114
통 영 Tongyeong	4,168	2,112,206	386	78,844	477	300,652	863	379,496	1,219	485,906
고 현 Gohyeon	6,744	10,628,258	351	640,957	192	400,064	543	1,041,021	2,807	2,428,570
울 산 Ulsan	52,080	337,356,534	3,466	19,696,277	7,939	131,247,652	11,405	150,943,929	14,587	15,232,688
제 주 Jeju	5,201	13,138,963	43	96,040	260	3,184,375	303	3,280,415	2,297	3,296,127
서 귀 포 Seoguipo	1,245	1,249,730	3	2,324	20	66,362	23	68,686	601	557,447
기 타 Others	691	1,682,389	0	0	0	0	0	0	265	540,784

1-1. Vessel Arrival and Departure by Port

합 계 Total		출 항 선 Departure									
		외 항 선 Ocean-going				연 안 선 Coastal		합 계 Total			
		국 적 선 Korean Flag	외 국 선 Foreign Flag	계 Sub Total	국 적 선 Korean Flag	외 국 선 Foreign Flag					
척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T	척 Num	총 톤 수 G/T
192,583	1,209,525,234	22,101	155,401,263	56,666	903,014,876	78,767	1,058,416,139	113,983	165,167,649	192,750	1,223,583,788
50,385	363,598,204	7,651	44,067,238	19,377	301,460,588	27,028	345,527,826	23,374	19,029,535	50,402	364,557,361
20,979	146,682,925	1,210	6,546,419	8,373	109,412,808	9,583	115,959,227	11,343	30,571,985	20,926	146,531,212
5,866	65,758,355	1,022	11,299,217	2,142	48,692,018	3,164	59,991,235	2,679	5,530,695	5,843	65,521,930
3,218	15,081,088	88	966,607	1,127	7,193,604	1,215	8,160,211	1,996	6,785,158	3,211	14,945,369
1,232	4,072,398	63	196,294	80	137,902	143	334,196	1,089	3,737,617	1,232	4,071,813
1,404	1,135,957	16	54,889	226	84,027	242	138,916	1,151	987,442	1,393	1,126,358
692	1,566,570	27	325,116	570	1,196,273	597	1,521,389	91	30,790	688	1,552,179
1,166	3,746,582	8	180,292	63	518,726	71	699,018	1,094	3,046,848	1,165	3,745,866
5,152	36,252,641	526	2,976,531	1,037	26,474,593	1,563	29,451,124	3,597	6,674,065	5,160	36,125,189
307	5,423,665	51	2,107,741	68	3,178,816	119	5,286,557	187	135,442	306	5,421,999
259	5,051,403	24	864,678	79	4,033,774	103	4,898,452	155	116,535	258	5,014,987
4,173	33,545,567	416	2,970,632	1,537	27,346,225	1,953	30,316,857	2,214	3,427,163	4,167	33,744,020
775	1,579,556	4	11,505	101	225,635	105	237,140	665	1,371,129	770	1,608,269
9,588	28,520,649	238	2,282,181	1,103	20,827,333	1,341	23,109,514	8,247	6,319,947	9,588	29,429,461
1,144	683,783	58	37,340	35	95,239	93	132,579	1,046	540,083	1,139	672,662
5,155	15,644,639	192	1,179,922	652	12,656,497	844	13,836,419	4,297	1,700,327	5,141	15,536,746
21,830	207,885,080	3,917	39,519,284	6,222	140,960,220	10,139	180,479,504	11,676	27,245,663	21,815	207,725,167
9,735	45,437,687	1,036	13,120,199	2,641	21,410,868	3,677	34,531,067	6,033	10,850,361	9,710	45,381,428
9,644	32,083,510	857	3,555,728	1,561	18,702,162	2,418	22,257,890	7,197	9,812,225	9,615	32,070,115
1,221	11,935,507	72	1,643,948	264	9,518,745	336	11,162,693	879	624,390	1,215	11,787,083
2,330	3,353,452	232	434,413	100	3,479,270	332	3,913,683	2,031	2,723,379	2,363	6,637,062
12	3,229	1	5,570	1	7,064	2	12,634	11	2,111	13	14,745
1,403	2,227,718	135	237,089	253	1,406,084	388	1,643,173	1,026	806,583	1,414	2,449,756
2,082	865,402	379	64,414	504	702,829	883	767,243	1,203	479,561	2,086	1,246,804
3,350	3,469,591	355	661,041	240	4,117,613	595	4,778,654	2,799	2,380,013	3,394	7,158,667
25,992	166,176,617	3,478	19,995,076	8,033	135,939,498	11,511	155,934,574	14,577	15,245,343	26,088	171,179,917
2,600	6,576,542	42	95,575	257	3,170,103	299	3,265,678	2,302	3,296,743	2,601	6,562,421
624	626,133	3	2,324	20	66,362	23	68,686	598	554,911	621	623,597
265	540,784	0	0	0	0	0	0	426	1,141,605	426	1,141,605

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(2-1)

Vessel Type Classification			Total		Passenger Ship		Bulk Carrier	
			Number	G/T	Number	G/T	Number	G/T
			192,583	1,209,525,234	4,846	46,431,406	19,567	131,730,217
			78,631	1,044,365,920	4,526	46,331,940	4,486	92,159,595
			22,137	155,475,643	1,349	14,200,770	2,133	32,106,156
			56,494	888,890,277	3,177	32,131,170	2,353	60,053,439
			21,586	118,647,427	2,023	13,136,032	1,554	10,296,212
			9,322	28,154,139	628	6,301,443	1,049	2,008,852
			12,264	90,493,288	1,395	6,834,589	505	8,287,360
			45,340	498,142,574	2,487	32,553,865	1,795	25,243,606
			11,873	84,249,840	721	7,899,327	736	5,940,418
			33,467	413,892,734	1,766	24,654,538	1,059	19,303,188
			3,389	78,370,793	9	323,957	263	8,593,645
			287	3,272,809	0	0	37	845,787
			3,102	75,097,984	9	323,957	226	7,747,858
			244	6,306,221	0	0	23	1,065,245
			14	604,093	0	0	7	465,937
			230	5,702,128	0	0	16	599,308
			1,347	100,145,243	0	0	6	130,166
			57	7,305,745	0	0	1	3,000
			1,290	92,839,498	0	0	5	127,166
			1,557	43,090,154	0	0	21	473,316
			9	457,628	0	0	1	29,252
			1,548	42,632,526	0	0	20	444,064
			451	19,972,264	0	0	27	1,373,778
			8	579,622	0	0	6	511,181
			443	19,392,642	0	0	21	862,597
			1,992	83,788,008	4	150,629	202	7,124,110
			179	7,791,003	0	0	77	2,931,000
			1,813	75,997,005	4	150,629	125	4,193,110
			554	15,076,694	0	0	41	831,088
			2	30,701	0	0	2	30,701
			552	15,045,993	0	0	39	800,387
			514	20,007,029	0	0	103	6,855,668
			31	2,665,975	0	0	22	2,359,865
			483	17,341,054	0	0	81	4,495,803
			1,429	59,713,099	3	167,457	446	30,055,699
			288	20,280,014	0	0	194	16,951,836
			1,141	39,433,085	3	167,457	252	13,103,863
			228	1,106,414	0	0	5	117,062
			67	84,074	0	0	1	28,327
			161	1,022,340	0	0	4	88,735
			113,952	165,159,314	320	99,466	15,081	39,570,622

2. Vessel Arrival and Departure by Port, Area, and Vessel Type

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
40	448,414	3,743	18,776,965	3,693	106,138,773	158	297,516	3,064	5,524,597
40	448,414	603	2,731,112	2,490	105,927,135	8	62,016	3,062	5,524,074
5	87,145	242	1,021,348	88	4,194,606	3	23,256	494	241,891
35	361,269	361	1,709,764	2,402	101,732,529	5	38,760	2,568	5,282,183
0	0	363	1,534,250	349	15,023,185	3	23,256	835	1,020,378
0	0	148	505,056	16	786,328	0	0	451	201,421
0	0	215	1,029,194	333	14,236,857	3	23,256	384	818,957
14	135,226	238	1,162,908	1,204	51,413,066	3	23,256	1,618	1,777,646
1	17,429	93	488,306	55	2,605,233	2	15,504	22	16,253
13	117,797	145	674,602	1,149	48,807,833	1	7,752	1,596	1,761,393
1	22,221	1	5,968	123	4,940,863	0	0	248	1,502,739
0	0	0	0	0	0	0	0	9	4,313
1	22,221	1	5,968	123	4,940,863	0	0	239	1,498,426
0	0	0	0	5	220,155	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	5	220,155	0	0	0	0
0	0	0	0	82	3,747,650	0	0	3	17,924
0	0	0	0	4	202,157	0	0	0	0
0	0	0	0	78	3,545,493	0	0	3	17,924
8	24,328	0	0	62	3,223,149	0	0	205	512,507
0	0	0	0	2	94,669	0	0	1	2,426
8	24,328	0	0	60	3,128,480	0	0	204	510,081
0	0	0	0	118	5,084,620	0	0	15	104,048
0	0	0	0	1	42,247	0	0	0	0
0	0	0	0	117	5,042,373	0	0	15	104,048
7	125,853	0	0	385	15,731,439	0	0	18	110,386
0	0	0	0	7	329,299	0	0	0	0
7	125,853	0	0	378	15,402,140	0	0	18	110,386
1	35,895	0	0	84	3,368,289	0	0	25	118,152
0	0	0	0	0	0	0	0	0	0
1	35,895	0	0	84	3,368,289	0	0	25	118,152
0	0	0	0	35	1,480,490	0	0	19	106,643
0	0	0	0	3	134,673	0	0	0	0
0	0	0	0	32	1,345,817	0	0	19	106,643
9	104,891	1	27,986	43	1,694,229	2	15,504	36	127,539
4	69,716	1	27,986	0	0	1	7,752	3	2,449
5	35,175	0	0	43	1,694,229	1	7,752	33	125,090
0	0	0	0	0	0	0	0	40	126,112
0	0	0	0	0	0	0	0	8	15,029
0	0	0	0	0	0	0	0	32	111,083
0	0	3,140	16,045,853	1,203	211,638	150	235,500	2	523

(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
			31,804	178,009,170	20,517	385,748,271	915	11,205,260	1,445	76,517,207
			23,800	164,178,039	20,373	385,313,797	870	11,102,525	716	75,728,065
			4,006	18,219,609	7,498	64,875,012	77	114,696	53	7,763,227
			19,794	145,958,430	12,875	320,438,785	793	10,987,829	663	67,964,838
			7,218	25,785,259	4,149	28,221,870	150	1,145,077	19	1,011,723
			2,095	4,454,641	2,675	10,960,236	67	101,552	1	154,651
			5,123	21,330,618	1,474	17,261,634	83	1,043,525	18	857,072
			13,987	86,330,179	12,994	222,422,263	525	5,466,375	179	14,261,294
			1,686	8,614,853	4,725	48,966,552	10	13,144	6	569,755
			12,301	77,715,326	8,269	173,455,711	515	5,453,231	173	13,691,539
			1,017	13,302,457	796	18,732,508	21	691,102	78	5,030,872
			135	1,445,706	22	424,851	0	0	2	208,731
			882	11,856,751	774	18,307,657	21	691,102	76	4,822,141
			90	1,471,101	53	1,297,399	4	63,483	7	269,441
			4	36,452	0	0	0	0	0	0
			86	1,434,649	53	1,297,399	4	63,483	7	269,441
			62	1,212,667	368	15,030,300	11	185,989	342	48,572,754
			4	39,180	0	0	0	0	44	6,830,090
			58	1,173,487	368	15,030,300	11	185,989	298	41,742,664
			323	2,499,251	565	33,542,066	8	187,114	15	1,007,248
			0	0	5	331,281	0	0	0	0
			323	2,499,251	560	33,210,785	8	187,114	15	1,007,248
			54	1,691,469	171	6,151,971	1	25,537	17	2,286,006
			1	26,194	0	0	0	0	0	0
			53	1,665,275	171	6,151,971	1	25,537	17	2,286,006
			278	8,226,881	819	45,569,854	9	320,204	11	373,582
			15	249,340	71	4,192,092	0	0	0	0
			263	7,977,541	748	41,377,762	9	320,204	11	373,582
			123	2,035,782	190	6,548,551	33	870,325	4	186,413
			0	0	0	0	0	0	0	0
			123	2,035,782	190	6,548,551	33	870,325	4	186,413
			125	4,928,404	126	3,393,746	59	1,222,540	7	826,504
			5	170,995	0	0	0	0	0	0
			120	4,757,409	126	3,393,746	59	1,222,540	7	826,504
			505	16,298,559	135	4,163,043	49	924,779	37	1,902,228
			61	3,182,248	0	0	0	0	0	0
			444	13,116,311	135	4,163,043	49	924,779	37	1,902,228
			18	396,030	7	240,226	0	0	0	0
			0	0	0	0	0	0	0	0
			18	396,030	7	240,226	0	0	0	0
			8,004	13,831,131	144	434,474	45	102,735	729	789,142

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
39,890	108,601,805	11,723	43,051,242	3,900	51,774,266	2,513	1,915,316	44,765	43,354,809
4,180	63,594,030	7,384	36,707,422	1,737	46,607,803	2,469	1,909,172	1,887	6,040,781
943	2,520,369	3,256	6,192,455	340	1,447,895	608	190,254	1,042	2,276,954
3,237	61,073,661	4,128	30,514,967	1,397	45,159,908	1,861	1,718,918	845	3,763,827
1,193	10,878,766	2,036	7,005,551	586	2,052,044	484	105,831	624	1,407,993
390	630,004	890	1,159,793	180	270,128	374	39,456	358	580,578
803	10,248,762	1,146	5,845,758	406	1,781,916	110	66,375	266	827,415
2,307	25,492,801	4,761	19,656,401	597	7,602,453	1,495	1,246,892	1,136	3,354,343
527	1,502,158	2,311	4,735,114	138	1,068,590	162	107,937	678	1,689,267
1,780	23,990,643	2,450	14,921,287	459	6,533,863	1,333	1,138,955	458	1,665,076
212	6,715,115	266	2,676,876	277	15,613,756	17	12,951	60	205,763
6	19,284	49	257,298	21	62,784	2	641	4	3,414
206	6,695,831	217	2,419,578	256	15,550,972	15	12,310	56	202,349
49	1,640,880	13	278,517	0	0	0	0	0	0
3	101,704	0	0	0	0	0	0	0	0
46	1,539,176	13	278,517	0	0	0	0	0	0
161	11,043,491	83	2,538,966	227	17,634,204	0	0	2	31,132
3	184,925	0	0	1	46,393	0	0	0	0
158	10,858,566	83	2,538,966	226	17,587,811	0	0	2	31,132
16	722,599	12	416,272	1	44,690	299	310,719	22	126,895
0	0	0	0	0	0	0	0	0	0
16	722,599	12	416,272	1	44,690	299	310,719	22	126,895
14	613,762	4	418,621	24	2,165,110	0	0	6	57,342
0	0	0	0	0	0	0	0	0	0
14	613,762	4	418,621	24	2,165,110	0	0	6	57,342
121	3,429,531	116	2,082,326	7	204,688	0	0	15	338,525
6	62,536	3	26,736	0	0	0	0	0	0
115	3,366,995	113	2,055,590	7	204,688	0	0	15	338,525
18	468,187	28	479,645	1	121,597	3	9,364	3	3,406
0	0	0	0	0	0	0	0	0	0
18	468,187	28	479,645	1	121,597	3	9,364	3	3,406
11	458,074	23	654,262	1	29,606	2	4,039	3	47,053
0	0	0	0	0	0	1	442	0	0
11	458,074	23	654,262	1	29,606	1	3,597	3	47,053
74	2,107,893	42	499,985	16	1,139,655	17	19,401	14	464,251
7	12,138	3	13,514	0	0	13	11,595	1	780
67	2,095,755	39	486,471	16	1,139,655	4	7,806	13	463,471
4	22,931	0	0	0	0	152	199,975	2	4,078
1	7,620	0	0	0	0	56	30,183	1	2,915
3	15,311	0	0	0	0	96	169,792	1	1,163
35,710	45,007,775	4,339	6,343,820	2,163	5,166,463	44	6,144	42,878	37,314,028

2. (, ,)
(2-1)

Vessel Type Classification			Total		Passenger Ship		Bulk Carrier	
			Number	G/T	Number	G/T	Number	G/T
			192,750	1,223,583,788	4,843	46,443,553	19,568	131,505,090
			78,767	1,058,416,139	4,523	46,344,087	4,487	91,934,468
			22,101	155,401,263	1,347	14,190,313	2,135	31,706,134
			56,666	903,014,876	3,176	32,153,774	2,352	60,228,334
			20,794	103,927,326	2,018	13,232,343	1,454	8,401,619
			9,368	27,109,517	624	6,308,938	1,006	1,806,925
			11,426	76,817,809	1,394	6,923,405	448	6,594,694
			45,659	510,827,059	2,490	32,580,063	1,866	27,468,955
			11,806	91,651,689	723	7,881,375	779	6,988,919
			33,853	419,175,370	1,767	24,698,688	1,087	20,480,036
			3,868	105,018,406	8	329,422	257	8,144,110
			286	3,685,978	0	0	31	813,928
			3,582	101,332,428	8	329,422	226	7,330,182
			220	4,364,198	0	0	16	551,944
			14	516,542	0	0	5	253,606
			206	3,847,656	0	0	11	298,338
			1,203	86,278,734	0	0	15	290,926
			23	2,169,463	0	0	2	32,105
			1,180	84,109,271	0	0	13	258,821
			1,485	43,744,676	0	0	27	675,950
			10	414,953	0	0	5	131,209
			1,475	43,329,723	0	0	22	544,741
			456	18,384,754	0	0	31	1,983,322
			16	1,137,730	0	0	10	944,529
			440	17,247,024	0	0	21	1,038,793
			2,263	88,432,059	3	34,754	282	8,709,183
			190	6,855,469	0	0	95	2,720,438
			2,073	81,576,590	3	34,754	187	5,988,745
			781	23,644,369	1	48	49	903,973
			14	751,806	0	0	0	0
			767	22,892,563	1	48	49	903,973
			366	12,316,504	0	0	42	3,336,322
			19	1,783,339	0	0	14	1,539,579
			347	10,533,165	0	0	28	1,796,743
			1,331	60,008,484	3	167,457	445	31,373,947
			255	19,192,567	0	0	187	16,446,569
			1,076	40,815,917	3	167,457	258	14,927,378
			341	1,469,570	0	0	3	94,217
			100	132,210	0	0	1	28,327
			241	1,337,360	0	0	2	65,890
			113,983	165,167,649	320	99,466	15,081	39,570,622

2. Vessel Arrival and Departure by Port, Area, and Vessel Type

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
43	488,512	3,743	18,782,645	3,699	106,402,266	158	297,516	3,043	5,476,432
43	488,512	603	2,736,792	2,496	106,190,628	8	62,016	3,041	5,475,909
6	104,574	255	1,105,635	86	4,146,772	3	23,256	489	241,319
37	383,938	348	1,631,157	2,410	102,043,856	5	38,760	2,552	5,234,590
2	7,340	376	1,555,434	349	14,001,832	1	7,752	784	729,923
0	0	165	574,903	11	571,968	1	7,752	446	188,780
2	7,340	211	980,531	338	13,429,864	0	0	338	541,143
27	266,248	226	1,177,511	1,316	56,834,456	3	23,256	1,561	1,631,745
2	34,858	90	530,732	62	2,961,377	2	15,504	19	20,782
25	231,390	136	646,779	1,254	53,873,079	1	7,752	1,542	1,610,963
3	57,079	1	3,847	111	4,268,332	0	0	277	1,762,129
2	34,858	0	0	0	0	0	0	8	3,896
1	22,221	1	3,847	111	4,268,332	0	0	269	1,758,233
0	0	0	0	3	139,964	0	0	1	1,890
0	0	0	0	1	41,353	0	0	0	0
0	0	0	0	2	98,611	0	0	1	1,890
0	0	0	0	57	2,520,045	0	0	2	17,389
0	0	0	0	1	44,891	0	0	0	0
0	0	0	0	56	2,475,154	0	0	2	17,389
3	10,877	0	0	73	3,956,211	0	0	210	456,430
0	0	0	0	0	0	0	0	0	0
3	10,877	0	0	73	3,956,211	0	0	210	456,430
0	0	0	0	113	5,037,557	0	0	14	83,581
0	0	0	0	3	160,524	0	0	1	5,578
0	0	0	0	110	4,877,033	0	0	13	78,003
3	53,937	0	0	346	14,309,895	0	0	49	231,523
0	0	0	0	5	231,986	0	0	4	2,792
3	53,937	0	0	341	14,077,909	0	0	45	228,731
0	0	0	0	79	3,090,899	0	0	26	119,613
0	0	0	0	0	0	0	0	0	0
0	0	0	0	79	3,090,899	0	0	26	119,613
0	0	0	0	22	920,300	0	0	17	106,899
0	0	0	0	3	134,673	0	0	0	0
0	0	0	0	19	785,627	0	0	17	106,899
5	93,031	0	0	27	1,111,137	4	31,008	25	93,826
2	34,858	0	0	0	0	0	0	2	1,395
3	58,173	0	0	27	1,111,137	4	31,008	23	92,431
0	0	0	0	0	0	0	0	75	240,961
0	0	0	0	0	0	0	0	9	18,096
0	0	0	0	0	0	0	0	66	222,865
0	0	3,140	16,045,853	1,203	211,638	150	235,500	2	523

(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
			31,758	177,903,904	20,616	392,139,706	916	11,227,909	1,494	79,579,101
			23,754	164,072,773	20,472	391,705,232	871	11,125,174	765	78,789,959
			3,993	18,119,569	7,500	65,035,825	77	114,696	56	8,100,285
			19,761	145,953,204	12,972	326,669,407	794	11,010,478	709	70,689,674
			6,793	22,207,435	3,943	22,569,490	215	2,190,067	24	1,422,619
			2,102	4,345,271	2,770	10,627,513	66	99,508	0	0
			4,691	17,862,164	1,173	11,941,977	149	2,090,559	24	1,422,619
			14,225	84,765,610	13,029	220,488,129	453	4,537,629	225	18,851,660
			1,656	8,782,027	4,631	49,580,971	11	15,188	37	5,670,081
			12,569	75,983,583	8,398	170,907,158	442	4,522,441	188	13,181,579
			1,097	14,040,179	797	22,390,538	15	264,091	181	15,027,428
			150	1,484,565	22	424,851	0	0	4	370,077
			947	12,555,614	775	21,965,687	15	264,091	177	14,657,351
			97	1,644,230	50	1,226,866	1	7,659	1	62,806
			6	208,535	0	0	0	0	0	0
			91	1,435,695	50	1,226,866	1	7,659	1	62,806
			128	2,129,807	365	14,881,863	16	272,571	286	41,341,029
			6	43,746	0	0	0	0	13	1,987,068
			122	2,086,061	365	14,881,863	16	272,571	273	39,353,961
			233	2,393,858	570	33,991,061	7	218,173	13	398,419
			0	0	4	265,638	0	0	1	18,106
			233	2,393,858	566	33,725,423	7	218,173	12	380,313
			85	2,405,331	168	6,012,792	3	35,015	4	280,818
			2	27,099	0	0	0	0	0	0
			83	2,378,232	168	6,012,792	3	35,015	4	280,818
			438	12,165,689	877	46,722,865	25	627,279	12	398,764
			25	500,487	59	3,385,046	0	0	0	0
			413	11,665,202	818	43,337,819	25	627,279	12	398,764
			168	3,060,602	368	14,484,229	36	940,668	3	139,836
			0	0	14	751,806	0	0	0	0
			168	3,060,602	354	13,732,423	36	940,668	3	139,836
			62	2,261,300	127	3,419,877	57	1,211,480	3	212,947
			2	109,087	0	0	0	0	0	0
			60	2,152,213	127	3,419,877	57	1,211,480	3	212,947
			401	16,452,350	172	5,311,614	43	820,542	13	653,633
			43	2,614,604	0	0	0	0	1	54,953
			358	13,837,746	172	5,311,614	43	820,542	12	598,680
			27	546,382	6	205,908	0	0	0	0
			1	4,148	0	0	0	0	0	0
			26	542,234	6	205,908	0	0	0	0
			8,004	13,831,131	144	434,474	45	102,735	729	789,142

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
39,943	110,181,689	11,740	43,459,689	3,904	53,359,509	2,514	1,916,749	44,768	44,419,518
4,202	65,155,743	7,401	37,115,869	1,740	48,192,457	2,470	1,910,605	1,891	7,115,915
927	2,500,760	3,250	6,191,975	333	1,392,870	612	186,988	1,032	2,240,292
3,275	62,654,983	4,151	30,923,894	1,407	46,799,587	1,858	1,723,617	859	4,875,623
1,179	9,323,930	2,090	5,203,349	586	1,767,066	443	91,727	537	1,215,400
382	553,325	959	1,231,230	181	271,926	358	36,826	297	484,652
797	8,770,605	1,131	3,972,119	405	1,495,140	85	54,901	240	730,748
2,285	27,832,580	4,616	21,108,399	634	8,223,305	1,495	1,176,526	1,208	3,860,987
523	1,568,225	2,241	4,700,454	139	1,079,738	167	93,715	724	1,727,743
1,762	26,264,355	2,375	16,407,945	495	7,143,567	1,328	1,082,811	484	2,133,244
395	14,898,549	362	4,376,874	286	19,046,263	12	14,086	66	395,479
10	290,533	39	201,843	13	41,206	0	0	7	20,221
385	14,608,016	323	4,175,031	273	19,005,057	12	14,086	59	375,258
14	291,976	34	367,713	3	69,150	0	0	0	0
0	0	2	13,048	0	0	0	0	0	0
14	291,976	32	354,665	3	69,150	0	0	0	0
80	6,617,460	56	1,962,717	194	16,178,839	0	0	4	66,088
1	61,653	0	0	0	0	0	0	0	0
79	6,555,807	56	1,962,717	194	16,178,839	0	0	4	66,088
19	710,010	14	378,074	1	34,582	293	307,162	22	213,869
0	0	0	0	0	0	0	0	0	0
19	710,010	14	378,074	1	34,582	293	307,162	22	213,869
7	190,645	5	140,921	19	1,747,087	0	0	7	467,685
0	0	0	0	0	0	0	0	0	0
7	190,645	5	140,921	19	1,747,087	0	0	7	467,685
112	2,974,282	97	1,767,243	1	23,878	0	0	18	412,767
1	2,766	1	11,954	0	0	0	0	0	0
111	2,971,516	96	1,755,289	1	23,878	0	0	18	412,767
21	540,067	21	308,006	1	25,994	3	8,783	5	21,651
0	0	0	0	0	0	0	0	0	0
21	540,067	21	308,006	1	25,994	3	8,783	5	21,651
17	477,289	16	323,871	0	0	1	12,383	2	33,836
0	0	0	0	0	0	0	0	0	0
17	477,289	16	323,871	0	0	1	12,383	2	33,836
70	1,285,493	86	1,164,787	15	1,076,293	7	6,923	15	366,443
9	16,638	5	20,408	0	0	5	2,988	1	154
61	1,268,855	81	1,144,379	15	1,076,293	2	3,935	14	366,289
3	13,462	4	13,915	0	0	216	293,015	7	61,710
1	7,620	3	13,038	0	0	82	53,459	3	7,522
2	5,842	1	877	0	0	134	239,556	4	54,188
35,741	45,025,946	4,339	6,343,820	2,164	5,167,052	44	6,144	42,877	37,303,603

3. ()
Vessel Arrival by Tonnage
(Total)

Tonnage	Total		(Ocean-going)						Coastal	
			(Sub-Total)		(Korean Flag)		(Foreign Flag)			
	(No.)	(G/T)								
Total	192,318	1,208,984,450	78,631	1,044,365,920	22,137	155,475,643	56,494	888,890,277	113,687	164,618,530
100 100 less than	17,448	2,363,567	573	45,272	359	29,235	214	16,037	16,875	2,318,295
100 - 500 100 - 5000 less than	44,748	25,069,606	7,312	2,766,281	2,962	1,344,553	4,350	1,421,728	37,436	22,303,325
500 - 1,000 500 - 1,000 less than	29,048	23,276,586	3,660	2,950,552	1,246	1,069,287	2,414	1,881,265	25,388	20,326,034
1,000 - 3,000 1,000 - 3,000 less than	42,164	75,670,724	21,103	39,796,670	7,364	13,710,269	13,739	26,086,401	21,061	35,874,054
3,000 - 5,000 3,000 - 5,000 less than	18,628	76,516,414	10,909	43,872,754	4,311	17,389,713	6,598	26,483,041	7,719	32,643,660
5,000 - 7,000 5,000 - 7,000 less than	7,231	43,106,920	4,915	29,278,434	903	5,348,735	4,012	23,929,699	2,316	13,828,486
7,000 - 10,000 7,000-10,000 less than	7,770	64,247,355	6,010	51,244,457	1,998	16,607,792	4,012	34,636,665	1,760	13,002,898
10,000 - 15,000 10,000-15,000 less than	4,284	55,041,759	3,788	49,700,452	824	12,460,334	2,964	37,240,118	496	5,341,307
15,000 - 20,000 15,000-20,000 less than	4,821	82,824,665	4,622	79,459,401	795	13,629,585	3,827	65,829,816	199	3,365,264
20,000 - 25,000 20,000-25,000 less than	1,976	44,398,317	1,970	44,261,257	342	7,413,752	1,628	36,847,505	6	137,060
25,000 - 30,000 25,000-30,000 less than	3,423	94,037,067	3,143	86,663,725	138	3,627,582	3,005	83,036,143	280	7,373,342
30,000 - 50,000 30,000-50,000 less than	5,178	201,302,112	5,156	200,499,997	216	7,983,206	4,940	192,516,791	22	802,115
50,000 - 60,000 50,000-60,000 less than	2,464	135,281,161	2,343	128,845,160	176	9,710,220	2,167	119,134,940	121	6,436,001
50,000 - 75,000 50,000-75,000 less than	1,109	75,157,509	1,108	75,096,194	179	11,898,058	929	63,198,136	1	61,315
75,000 - 100,000 75,000-100,000 less than	1,289	111,494,083	1,289	111,494,083	173	14,423,807	1,116	97,070,276	0	0
100,000 100,000 more than	737	99,196,605	730	98,391,231	151	18,829,515	579	79,561,716	7	805,374

Ⅱ. 여객선수송통계

1. 작성 목적

- * 한·중(러)/한·일간 인적·물적교류 규모 파악 및 국제(국내) 여객항로의 관리를 위하여 카페리션을 이용한 여객 및 화물 수송 통계 필요
- * 동 자료는 카페리션 항로개설 및 카페리항로의 성장·발전을 위한 정책 기초 자료로 활용

2. 근 거

- * 통계법 제15조 규정에 의한 승인통계지정
- * 통계법 제27조 규정에 의한 통계공표
- * 승인번호 : 제12315호(외항), 제12308호(내항)
- * 관련법령 : 해운법 제50조(보고 및 조사 등)
외항운송사업면허 및 등록 등 사무처리요령 제10조(검사·보고등)
내항해운의 면허 등 관리요령 제32조(사업의 보고)

3. 작성 기간 및 기준시점

- * 작성 기간 : 매월 1일 ~ 말일
- * 작성 기준 : 매년 12. 31
- * 결과 공표 : 해양수산통계연보

4. 작성 대상

- * 외내항 여객운송사업체

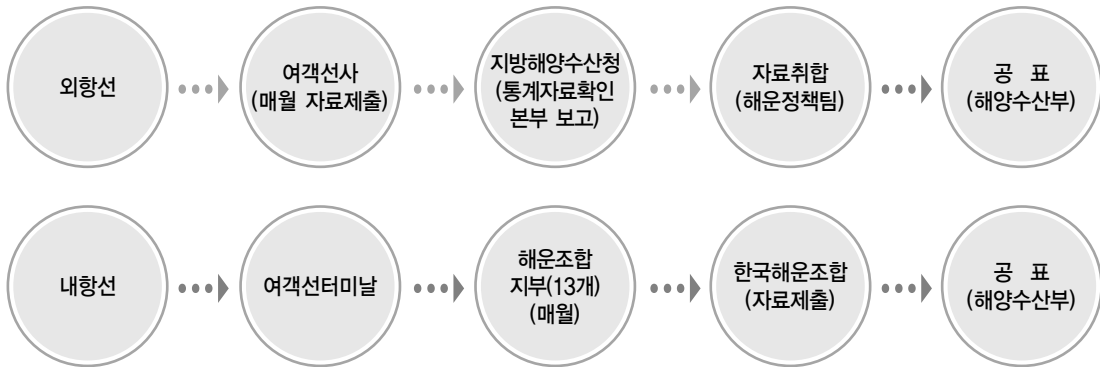
5. 작성 방법

- * 사업체의 보고자료를 집계

6. 주요 항목

- *입·출항별 여객(한국인, 외국인), 차량, 화물(일반화물, 컨테이너) 수송실적
- *여객선 항로(취항선박, 취항거리, 총 기항지 수, 승선정원, 수송인원)

7. 작성 절차



II. Passenger Ship Transportation

1. Objectives

Statistics on passenger/cargo transportation via car ferries needed to clarify scale of human/material exchanges between Korea-China(Russia)/Korea-Japan and manage international(local) passenger routes. Use as basic data for developing car ferry routes and establishing relevant policies.

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12315 (outer port), 12308 (inner port)

3. Time Reference

Surveyed for a period of time: from the first to last day of the month
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

Ocean-going/coastal passenger transportation companies

5. Methods

By compiling data from corporate reports

6. Survey Items

Transportation records of passengers (Koreans, foreigners), vehicles, cargo (general, container) by arrival/departure port
 Passenger ship routes (en route vessel, voyage distance, total number of callings, full number of passengers/boarding capacity, number of passengers)

7. Process

Ocean-going ship → Passenger liner (monthly data submission) → Regional Office (Confirm data, report to HQ) → Data collection (Shipping Policy Team) → Publication (MOMAF)
 Coastal ship → Passenger ship terminal → Korea Shipping Association (13 branches) - monthly → Korea Shipping Association (Data submission) → Publication(MOMAF)

1. (,)

Passenger Ship Transportation (Passenger, Cargo)

Classif-ication Year & Month	Total		Ocean-going						Coastal	
			Sub_Total		Arrival (Korean Flag)		Departure (Foreign Flag)			
	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)	Passenger	() Cargo(R/T)
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	174,758	369,572	362,980	1,369,768	8,277,052	2,049,820
1999	9,856,866	4,445,988	804,870	2,176,569	263,594	438,153	541,276	1,738,416	9,051,996	2,269,419
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	633,192	674,693	619,675	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
2004	12,470,424	7,798,692	1,822,200	4,107,756	690,179	1,567,517	1,132,021	2,540,239	10,648,224	3,690,936
2005	13,204,493	8,826,771	2,104,939	4,906,093	731,120	1,784,099	1,373,819	3,121,994	11,099,554	3,920,678
2006	13,958,467	10,289,024	2,384,782	6,045,047	1,193,275	3,522,511	1,191,507	2,522,536	11,573,685	4,243,977
1	952,127	682,929	198,279	371,399	99,284	202,202	98,995	169,197	753,848	311,530
2	737,950	623,684	169,115	349,057	84,099	165,686	85,016	183,371	568,835	274,627
3	875,932	832,557	172,543	446,284	87,668	226,798	84,875	219,486	703,389	386,273
4	1,109,305	789,086	191,574	466,711	96,713	244,284	94,861	222,427	917,731	322,375
5	1,299,348	812,053	214,688	464,820	104,919	248,360	109,769	216,460	1,084,660	347,233
6	1,091,221	746,667	184,699	422,863	91,494	248,116	93,205	174,747	906,522	323,804
7	1,368,791	757,729	223,427	390,272	108,233	211,656	115,194	178,616	1,145,364	367,457
8	2,283,421	1,032,682	270,262	521,437	142,699	317,021	127,563	204,416	2,013,159	511,245
9	1,060,450	996,545	197,724	648,962	98,884	430,712	98,840	218,250	862,726	347,583
10	1,375,184	886,840	185,068	502,307	92,739	267,417	92,329	234,890	1,190,116	384,533
11	928,846	1,117,373	189,137	792,429	94,436	529,652	94,701	262,777	739,709	324,944
12	875,892	1,010,879	188,266	668,506	92,107	430,607	96,159	237,899	687,626	342,373

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Source: Shipping Policy Team

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(4 - 1)

Coastal Passenger Ship Route

Classification Route	Vessels		()	()	()	()
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
	151	74,301	3,308	499	34,459	11,573,685
	11	10,435	285	13	3,419	906,076
-	2	8,554	169	2	1,142	147,945
-	2	378	36	2	429	179,746
-	2	507	24	2	652	214,596
-	2	563	24	2	574	321,179
-	2	170	9	2	376	17,992
-	1	263	23	3	246	24,618
	18	11,395	662	47	5,446	1,189,025
-	1	6,322	264	2	845	95,513
-	3	1,007	123	4	1,062	240,763
-	2	857	66	3	552	58,037
-	3	883	31	3	948	170,396
-	1	653	29	5	319	131,672
-	1	309	13	2	375	5,980
-	1	430	23	3	316	67,125
-	1	135	18	5	196	74,115
-	1	278	23	4	316	51,684
-	1	319	6	3	287	244,700
-	1	69	3	3	55	20,927
-	1	54	32	4	95	18,071
-	1	79	31	6	80	10,042
	2	884	169	3	848	201,182
- ,	2	884	169	3	848	201,182
	6	886	66	28	1,048	474,842
-	1	344	12	7	350	157,459
-	1	208	6	5	293	209,228
-	1	140	25	4	215	59,677

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Source: Coastal Shipping Team

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(4 -2)

Coastal Passenger Ship Route

Classification Route	Vessels		()	()	()	
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	89	10	8	90	16,343
-	1	53	7	2	50	15,250
-가	1	52	4	2	50	16,885
	10	1,724	121	21	1,948	438,806
-	5	969	31	5	1,134	193,090
-	2	406	10	4	416	182,217
-	1	104	10	3	92	19,719
-	1	121	42	3	140	21,893
-	1	124	28	6	166	21,887
	62	26,090	1,104	236	11,826	4,541,961
-	1	108	14	6	195	151,594
-	1	104	28	12	77	20,035
-	3	702	25	9	635	255,402
-	3	822	32	8	791	288,819
-	1	216	13	2	47	44,954
-	2	372	33	8	305	206,304
-	1	272	20	4	200	147,151
-	2	461	2	3	419	336,761
-	1	137	4	4	120	165,017
-	2	13,678	96	2	1,998	473,180
-	7	2,815	126	10	2,502	585,560
-	1	100	57	10	112	32,041
-	1	154	33	5	100	14,058
-	2	413	8	4	346	104,479
-	2	559	9	2	495	217,894
-	2	199	4	5	108	152,321
-	3	1,032	13	6	786	383,223
-	4	475	11	6	276	193,529

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Source: Coastal Shipping Team

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(4 -3)

Coastal Passenger Ship Route

Classification Route	Vessels		()	()	()	
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	2	533	11	4	538	277,799
-	1	99	15	3	142	54,352
-	2	378	12	2	230	101,379
-	1	96	11	5	46	37,314
-	2	163	6	3	112	43,276
-	1	606	65	3	255	61,141
-	1	113	36	5	65	22,362
-	1	257	20	2	50	43,167
-	1	177	80	7	120	32,570
-	1	150	29	5	120	16,740
-	1	70	35	5	54	1,815
-	1	76	29	8	30	3,959
-	2	150	74	29	140	14,752
- ,	1	101	25	9	50	10,104
-	1	101	24	7	94	11,603
-	1	88	12	3	45	3,850
-	1	74	26	16	50	7,150
- ,	1	151	17	7	80	22,893
-	1	88	37	7	93	3,413
-	16	6,110	373	74	3,452	925,362
-	1	89	3	3	125	54,391
-	2	611	57	7	656	167,671
-	1	255	27	8	236	156,563
-	1	178	18	6	219	119,917
-	1	24	24	9	64	28,833
-	1	116	29	11	80	43,022
-	1	115	33	6	90	60,955
-	2	646	35	4	413	52,492

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Source: Coastal Shipping Team

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(4 - 4)

Coastal Passenger Ship Route

Classification Route	Vessels		()	()	()	
	Number	Gross tonnage	Distance of Voyage(mile)	Number of call	Full Number of Passenger	Number of passenger
-	1	87	14	2	219	68,467
-	2	100	32	3	149	446
-	1	3,780	70	2	1,081	164,431
-	1	51	18	4	44	1,950
-	1	58	10	9	76	6,224
-	3	3,421	165	4	1,650	357,210
-	1	106	48	2	210	27,148
- ,	2	3,315	117	2	1,440	330,062
-	19	3,559	200	64	3,022	2,253,784
-	2	129	8	2	248	64,720
-	2	626	10	2	402	252,410
-	1	311	8	2	250	446,091
-	1	797	8	2	250	376,591
-	2	282	5	4	332	275,301
-	2	168	19	9	281	131,811
-	1	246	18	3	189	155,614
가 -	2	243	6	3	326	242,564
-	2	474	11	3	377	196,319
-	1	120	22	2	125	42,969
-	1	49	20	13	76	35,109
-	1	77	46	11	95	16,110
-	1	37	15	8	71	18,175
-	0	0	0	0	0	0
-	4	9,797	162	9	1,800	285,437
-	2	9,538	56	2	1,459	173,661
-	1	223	96	4	250	62,244
-	1	36	10	3	91	49,532

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Source: Coastal Shipping Team

2-1.
Subsidized Remote Island Route

Year &Month	Classifi- -cation	Vessel's Tonnage	Number of Voyage	() Number of passenger	() Full number of passenger	R/T of Carriage
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
2004		29,111	28,756	389,872	2,167,797	28,631
2005		27,692	31,569	390,339	32,345	28,071
2006		29,217	29,776	357,334	30,667	31,236
1		2,319	2,434	25,563	2,319	1,577
2		2,310	2,196	18,385	2,693	1,695
3		2,368	2,449	21,726	2,719	2,102
4		2,351	2,378	23,660	2,509	2,025
5		2,191	2,431	29,776	2,345	2,163
6		2,414	2,433	26,174	2,603	2,120
7		2,594	2,610	34,663	2,824	2,492
8		2,522	2,743	57,707	2,671	3,472
9		2,522	2,485	30,674	2,645	2,911
10		2,398	2,642	40,305	2,400	3,853
11		2,552	2,435	25,174	2,407	3,062
12		2,676	2,540	23,527	2,532	3,764

2-2.

Operation of Subsidized Remote Island Route

Classification Route	Name of Vessels	Vessels Tonnage	() Distance of Voyage D(mile)	() Amount of Subsidy (1,000won)	() Number of Passenger
	28	2,585	693.6	7,734	357,334
	3	202	66.0	800	49,040
-		79	31.0	411	10,042
-		69	3.0	169	20,927
-	3	54	32.0	220	18,071
	4	227	22.2	832	48,478
-		53	7.5	246	15,250
-		89	10.5	248	16,343
-가		52	4.2	216	16,885
	22	33	.0	122	0
	4	438	80.0	1,051	63,499
-		104	10.0	293	19,719
-		124	28.0	470	21,887
-		121	42.0	175	21,893
		89	.0	113	0
	13	1,504	425.5	4,101	124,973
-	8	70	35.4	224	1,815
-	11	76	29.6	267	3,959
-	10	88	12.8	306	3,850
-	2	74	26.2	303	7,150
-	9	154	33.8	232	923
-	6	177	80.5	303	32,570
-	5	101	24.3	358	11,603
-	2	88	37.3	211	3,413
- ,	1	101	25.3	365	10,104
-	7	151	17.0	217	18,094

2-2.

Operation of Subsidized Remote Island 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	308	16,740
-	6 , 7	150	74.0	634	14,752
	3	124	.0	373	0
	1	51	18.0	250	1,950
-		51	18.0	250	1,950
	3	163	81.9	700	69,394
-		37	15.2	157	18,175
-		77	46.5	305	16,110
-		49	20.2	238	35,109
	-	-	-	-	-



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Ⅲ. 화물수송통계

1. 작성 목적

- * 화물수송실적 추이를 분석하여 해운항만 정책수립 등을 위한 기초 자료로 활용

2. 근 거

- * 통계법 제15조 규정에 의한 승인통계지정
- * 통계법 제27조 규정에 의한 통계공표
- * 승인번호 : 제12309호('75. 07. 29)
- * 관련법령 : 항만법 제70조, 해운법 제25조
무역항의항만시설사용및사용료에관한규정(해양수산부고시)

3. 작성 기간 및 기준시점

- * 작성 대상 : 매월 1. 1 ~ 12. 31(1년)
- * 기준 시점 : 매년 12. 31
- * 결과 공표 : 익년 2월말 경

4. 작성 대상

- * 우리나라 28개 무역항에 입출항 하는 선박
 - 부산항, 인천항, 평택·당진항, 마산항, 통영항, 삼천포항, 장승포항, 진해항, 옥포항, 고현항, 동해항, 묵호항, 속초항, 삼척항, 옥계항, 울산항, 군산항, 장항항, 보령항, 대산항, 태안항, 목포항, 완도항, 여수항, 광양항, 포항항, 제주항, 서귀포항

5. 작성 방법

- * 항만물류시스템을 통해 자료취합

6. 주요 항목

- * 화물수송(총괄) : 연안화물, 수출입화물, 환적화물
- * 국적·품목별 화물수송 : 수출입화물, 연안화물
- * 지역·품목별 화물수송 : 수출입화물
- * 컨테이너 수송 : 수출입, 내항 및 환적 컨테이너

7. 작성 절차



III. Cargo Transportation

1. Objectives

Analyze trends of cargo transportation and use as basic data for establishing shipping and port policies

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
Publication of statistics under Article 27, the Statistics Law
Approval number 12309 (July 29, 1975)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
Surveyed at a point of time: December 31 of every year
Publication of statistics: at the end of February of the following year

4. Subject

Vessels arriving at or departing from 28 trade ports in Korea

5. Methods

By compiling data through Port-MIS

6. Survey Items

- Cargo transportation (total): coastal, export and import, transshipment
- Cargo transportation by nation and item: export and import, coastal
- Cargo transportation by region and item: export and import
- Container transportation: export and import, inner harbour , transshipment container

7. Process

Port-MIS report (civil applicant) → Port-MIS compilation (regional offices)
→ Statistics DB compilation (SP-IDC) → Publication (MOMAF)

1. ()

Year & Month	Grand Total	Coastal			
			Sub-Total	Arrival	Departure
1997	632,076,091	147,045,854	485,030,237	370,195,747	114,834,490
1998	589,930,794	115,178,828	474,751,966	333,431,882	141,320,084
1999	655,876,090	123,692,958	532,183,132	384,878,697	147,304,435
2000	704,066,789	134,467,386	569,599,403	418,821,483	150,777,920
2001	751,454,398	140,544,327	610,910,071	433,344,669	177,565,402
2002	776,504,347	140,959,075	635,545,272	459,746,744	175,798,528
2003	812,934,842	145,326,809	667,608,033	472,982,504	194,625,529
2004	849,012,920	115,635,806	733,377,114	501,705,811	231,671,303
2005	874,346,287	119,409,878	754,936,409	512,445,424	242,490,985
2006	927,634,380	117,804,776	809,829,604	545,927,393	263,902,211
1	81,236,191	9,738,061	71,498,130	50,236,965	21,261,165
2	68,902,318	8,736,249	60,166,069	40,252,142	19,913,927
3	79,533,938	10,159,869	69,374,069	46,910,837	22,463,232
4	76,658,139	10,318,433	66,339,706	44,639,160	21,700,546
5	79,993,382	10,875,542	69,117,840	46,632,905	22,484,935
6	75,293,934	10,176,447	65,117,487	44,299,683	20,817,804
7	76,037,651	8,922,508	67,115,143	44,890,739	22,224,404
8	75,511,592	9,508,569	66,003,023	43,939,237	22,063,786
9	78,278,434	9,623,495	68,654,939	45,855,019	22,799,920
10	76,155,312	10,080,784	66,074,528	43,818,162	22,256,366
11	77,094,525	9,476,104	67,618,421	44,432,929	23,185,492
12	82,938,964	10,188,715	72,750,249	50,019,615	22,730,634

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1. Coastal and Ocean-going Cargo Transportation

Unit: R/T

Ocean-Going					
Korean Flag			Foreign Flag		
Sub-Total	Arrival	Departure	Sub-Total	Arrival	Departure
88,837,810	68,266,528	20,571,282	396,192,427	301,929,219	94,263,208
103,755,370	75,631,921	28,123,449	370,996,596	257,799,961	113,196,635
97,207,869	73,887,948	23,319,921	434,975,263	310,990,749	123,984,514
101,333,541	76,259,375	25,074,166	468,265,862	342,562,108	125,703,754
112,544,436	82,656,049	29,888,387	498,365,635	350,688,620	147,677,015
122,721,596	93,050,485	29,671,111	512,823,676	366,696,259	146,127,417
118,876,166	87,845,817	31,030,349	548,731,867	385,136,687	163,595,180
127,499,787	88,831,458	38,668,329	605,877,327	412,874,353	193,002,974
138,889,954	98,726,075	40,163,879	616,046,455	413,719,349	202,327,106
146,495,478	104,523,774	41,971,704	663,334,126	441,403,619	221,930,507
14,682,555	11,222,828	3,459,727	56,815,575	39,014,137	17,801,438
11,550,685	7,790,223	3,760,462	48,615,384	32,461,919	16,153,465
11,712,250	7,996,186	3,716,064	57,661,819	38,914,651	18,747,168
10,402,540	7,223,149	3,179,391	55,937,166	37,416,011	18,521,155
12,602,953	8,851,269	3,751,684	56,514,887	37,781,636	18,733,251
12,813,120	9,383,723	3,429,397	52,304,367	34,915,960	17,388,407
12,315,588	8,891,130	3,424,458	54,799,555	35,999,609	18,799,946
11,392,178	7,912,377	3,479,801	54,610,845	36,026,860	18,583,985
12,132,214	8,770,160	3,362,054	56,522,725	37,084,859	19,437,866
11,611,840	8,211,579	3,400,261	54,462,688	35,606,583	18,856,105
11,716,065	8,163,318	3,552,747	55,902,356	36,269,611	19,632,745
13,563,490	10,107,832	3,455,658	59,186,759	39,911,783	19,274,976

Note: 1. Coastal passenger vessel cargo is included in coastal and international ferry cargo is included in import and export cargo
 2. Coastal cargo is counted by entry

Source: Information Team

Year & Month	Items Ocean-Going & Coastal	Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
		2006		104,523,774	15,948	640,268	1,129,154	36,022	385,803	125,153	55,338
	441,403,619		359,902	1,866,948	9,118,205	841,030	6,055,566	681,309	1,932,923
	545,927,393		375,850	2,507,216	10,247,359	877,052	6,441,369	806,462	1,988,261
	113,560,799		181	47,171	89,413	0	445,779	547,848	0
	659,488,192		376,031	2,554,387	10,336,772	877,052	6,887,148	1,354,310	1,988,261
1		11,222,828	217	87,999	77,918	7,778	35,574	4,829	1,030
		39,014,137	19,595	119,651	731,144	267,602	636,521	61,760	152,703
		50,236,965	19,812	207,650	809,062	275,380	672,095	66,589	153,733
		9,426,531	0	6,250	0	0	78,779	20,482	0
		59,663,496	19,812	213,900	809,062	275,380	750,874	87,071	153,733
2		7,790,223	278	48,414	98,892	4,828	42,757	6,028	558
		32,461,919	24,094	111,026	702,484	196,724	480,097	53,418	218,875
		40,252,142	24,372	159,440	801,376	201,552	522,854	59,446	219,433
		8,461,622	0	3,743	0	0	50,010	27,935	0
		48,713,764	24,372	163,183	801,376	201,552	572,864	87,381	219,433
3		7,996,186	2,364	64,997	48,585	13,013	43,197	9,538	1,015
		38,914,651	26,797	158,933	768,160	112,814	354,015	50,906	215,772
		46,910,837	29,161	223,930	816,745	125,827	397,212	60,444	216,787
		9,773,596	0	7,239	0	0	44,048	36,692	0
		56,684,433	29,161	231,169	816,745	125,827	441,260	97,136	216,787
4		7,223,149	303	66,231	125,548	3,975	17,772	8,012	8,895
		37,416,011	27,682	176,011	579,717	38,163	576,340	26,436	133,565
		44,639,160	27,985	242,242	705,265	42,138	594,112	34,448	142,460
		9,996,058	0	3,315	0	0	25,694	44,060	0
		54,635,218	27,985	245,557	705,265	42,138	619,806	78,508	142,460
5		8,851,269	780	69,100	91,692	1,375	21,853	62	822
		37,781,636	29,829	181,475	969,432	14,749	513,141	64,376	178,828
		46,632,905	30,609	250,575	1,061,124	16,124	534,994	64,438	179,650
		10,528,309	0	2,850	0	0	21,494	43,513	0
		57,161,214	30,609	253,425	1,061,124	16,124	556,488	107,951	179,650
6		9,383,723	768	58,258	98,282	712	13,687	2,354	219
		34,915,960	25,988	146,320	1,042,749	31,508	316,049	61,856	176,396
		44,299,683	26,756	204,578	1,141,031	32,220	329,736	64,210	176,615
		9,852,643	0	1,790	0	0	21,610	53,221	0
		54,152,326	26,756	206,368	1,141,031	32,220	351,346	117,431	176,615

2. Cargo Transportation by Item and Coarstal or Ocean-going (Arrival 4-1)

Unit: R/T

Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils
1,005,998	1,121,472	245,652	844,657	22,641,560	26,226,081	1,416,566	11,763,678
9,289,219	1,927,885	1,340,133	3,818,755	47,110,681	26,344,240	14,474,907	113,432,185
10,295,217	3,049,357	1,585,785	4,663,412	69,752,241	52,570,321	15,891,473	125,195,863
217,168	15,308,753	21,179,446	22,651	29,397	316,336	10,530,249	5,897,187
10,512,385	18,358,110	22,765,231	4,686,063	69,781,638	52,886,657	26,421,722	131,093,050
92,920	87,625	28,999	75,265	2,122,960	3,008,563	64,407	0
666,008	90,037	106,720	379,908	4,199,934	1,878,219	1,305,274	10,739,154
758,928	177,662	135,719	455,173	6,322,894	4,886,782	1,369,681	10,739,154
14,333	982,238	1,695,105	13,319	13,319	25,764	828,977	485,369
773,261	1,159,900	1,830,824	468,492	6,336,213	4,912,546	2,198,658	11,224,523
75,657	59,666	12,383	8,189	1,572,004	1,904,680	76,225	1,659,058
608,733	67,640	55,355	313,461	3,395,782	1,549,098	1,032,993	7,433,447
684,390	127,306	67,738	321,650	4,967,786	3,453,778	1,109,218	9,092,505
12,677	782,837	1,345,710	3,016	13,008	39,561	748,603	321,110
697,067	910,143	1,413,448	324,666	4,980,794	3,493,339	1,857,821	9,413,615
81,124	119,509	7,001	29,854	2,016,217	1,545,845	128,352	841,690
787,070	169,712	96,879	322,751	4,339,109	2,237,236	1,432,959	9,986,747
868,194	289,221	103,880	352,605	6,355,326	3,783,081	1,561,311	10,828,437
15,635	1,389,154	1,945,850	100	3,070	26,102	869,976	351,280
883,829	1,678,375	2,049,730	352,705	6,358,396	3,809,183	2,431,287	11,179,717
58,946	89,627	28,685	141,122	1,657,131	1,711,420	115,789	536,706
858,680	184,656	144,158	330,187	4,615,991	2,057,571	1,237,603	9,349,676
917,626	274,283	172,843	471,309	6,273,122	3,768,991	1,353,392	9,886,382
12,339	1,377,254	2,098,550	0	0	22,194	846,302	524,099
929,965	1,651,537	2,271,393	471,309	6,273,122	3,791,185	2,199,694	10,410,481
79,978	89,424	15,519	71,937	1,491,929	2,082,611	143,451	1,661,907
609,564	190,824	145,780	363,578	3,835,096	1,887,359	1,167,686	9,692,827
689,542	280,248	161,299	435,515	5,327,025	3,969,970	1,311,137	11,354,734
16,263	1,427,243	2,262,169	0	0	25,898	929,816	386,842
705,805	1,707,491	2,423,468	435,515	5,327,025	3,995,868	2,240,953	11,741,576
66,076	106,663	28,389	26,767	2,025,956	2,980,990	144,152	838,043
757,382	178,738	163,524	417,749	3,670,137	1,714,250	1,144,962	9,433,489
823,458	285,401	191,913	444,516	5,696,093	4,695,240	1,289,114	10,271,532
14,225	1,437,131	2,264,647	0	0	24,748	917,181	268,938
837,683	1,722,532	2,456,560	444,516	5,696,093	4,719,988	2,206,295	10,540,470

Year & Month	Items Ocean-Going & Coastal	Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
		7	8,891,130	1,063	33,212	72,251	849	22,711	164	40,410
	35,999,609	26,583	147,726	611,019	17,604	508,084	61,535	95,943	
	44,890,739	27,646	180,938	683,270	18,453	530,795	61,699	136,353	
	8,555,051	0	792	0	0	21,067	48,714	0	
	53,445,790	27,646	181,730	683,270	18,453	551,862	110,413	136,353	
8	7,912,377	771	39,908	136,395	1,284	43,035	19,968	220	
	36,026,860	34,528	162,648	866,103	54,941	471,028	56,329	152,187	
	43,939,237	35,299	202,556	1,002,498	56,225	514,063	76,297	152,407	
	8,997,324	0	894	0	0	19,374	58,828	0	
	52,936,561	35,299	203,450	1,002,498	56,225	533,437	135,125	152,407	
9	8,770,160	1,418	55,872	89,809	1,018	38,430	3,858	605	
	37,084,859	31,195	191,910	864,897	19,900	502,161	52,479	130,474	
	45,855,019	32,613	247,782	954,706	20,918	540,591	56,337	131,079	
	9,275,912	0	2,438	85,413	0	17,585	59,370	0	
	55,130,931	32,613	250,220	1,040,119	20,918	558,176	115,707	131,079	
10	8,211,579	2,277	39,881	96,187	410	21,927	21,373	389	
	35,606,583	37,588	160,848	556,744	24,291	482,504	19,373	196,782	
	43,818,162	39,865	200,729	652,931	24,701	504,431	40,746	197,171	
	9,696,251	0	2,786	4,000	0	24,774	45,681	0	
	53,514,413	39,865	203,515	656,931	24,701	529,205	86,427	197,171	
11	8,163,318	1,463	40,094	81,745	367	35,668	25,008	558	
	36,269,611	39,397	161,492	611,095	21,029	523,878	34,567	140,055	
	44,432,929	40,860	201,586	692,840	21,396	559,546	59,575	140,613	
	9,151,160	181	7,397	0	0	40,956	50,717	0	
	53,584,089	41,041	208,983	692,840	21,396	600,502	110,292	140,613	
12	10,107,832	4,246	36,302	111,850	413	49,192	23,959	617	
	39,911,783	36,626	148,908	814,661	41,705	691,748	138,274	141,343	
	50,019,615	40,872	185,210	926,511	42,118	740,940	162,233	141,960	
	9,846,342	0	7,677	0	0	80,388	58,635	0	
	59,865,957	40,872	192,887	926,511	42,118	821,328	220,868	141,960	

2. Cargo Transportation by Item and Coarstal or Ocean-going (Arrival 4-2)

Unit: R/T

Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils
77,789	89,559	21,414	87,929	1,937,859	2,657,969	180,591	838,696
869,272	186,429	73,674	148,425	3,815,078	2,778,684	1,285,134	9,428,914
947,061	275,988	95,088	236,354	5,752,937	5,436,653	1,465,725	10,267,610
18,730	1,036,960	1,090,249	200	0	25,795	829,536	767,526
965,791	1,312,948	1,185,337	236,554	5,752,937	5,462,448	2,295,261	11,035,136
81,213	108,878	18,315	131,491	1,364,388	2,338,375	96,268	840,466
841,172	169,258	101,939	320,947	3,734,902	2,109,489	1,336,266	9,773,357
922,385	278,136	120,254	452,438	5,099,290	4,447,864	1,432,534	10,613,823
16,594	1,247,997	1,582,408	0	0	22,514	901,972	650,986
938,979	1,526,133	1,702,662	452,438	5,099,290	4,470,378	2,334,506	11,264,809
80,132	113,037	24,773	116,311	2,495,135	1,782,999	140,522	984,268
731,312	171,089	86,941	362,551	3,711,238	3,324,186	1,230,870	10,219,114
811,444	284,126	111,714	478,862	6,206,373	5,107,185	1,371,392	11,203,382
16,534	1,324,604	1,895,601	0	0	28,519	845,837	558,165
827,978	1,608,730	2,007,315	478,862	6,206,373	5,135,704	2,217,229	11,761,547
101,341	89,465	16,154	93,834	1,980,080	1,547,151	94,133	1,110,457
954,162	181,511	86,305	272,920	4,383,913	2,294,293	1,057,413	8,279,949
1,055,503	270,976	102,459	366,754	6,363,993	3,841,444	1,151,546	9,390,406
23,800	1,394,222	1,705,640	0	0	24,542	949,668	808,345
1,079,303	1,665,198	1,808,099	366,754	6,363,993	3,865,986	2,101,214	10,198,751
95,456	99,119	17,197	36,208	2,044,316	1,618,540	104,214	1,085,410
740,566	195,540	159,472	202,783	3,171,706	2,391,011	1,177,795	8,920,831
836,022	294,659	176,669	238,991	5,216,022	4,009,551	1,282,009	10,006,241
38,857	1,434,781	1,614,942	6,016	0	24,292	913,420	342,605
874,879	1,729,440	1,791,611	245,007	5,216,022	4,033,843	2,195,429	10,348,846
115,366	68,900	26,823	25,750	1,933,585	3,046,938	128,462	1,366,977
865,298	142,451	119,386	383,495	4,237,795	2,122,844	1,065,952	10,174,680
980,664	211,351	146,209	409,245	6,171,380	5,169,782	1,194,414	11,541,657
17,181	1,474,332	1,678,575	0	0	26,407	948,961	431,922
997,845	1,685,683	1,824,784	409,245	6,171,380	5,196,189	2,143,375	11,973,579

Year & Month	Items Ocean-Going & Coastal	가 가							
		Product of Petroleum Oils	Petroleum Gases and Other Gases	Fertilizers	Products of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles of wood
2006		1,414,169	173,953	186,519	2,020,779	301,689	63,848	415,572	472,166
		25,404,286	45,128,640	1,391,311	15,196,766	2,928,461	1,167,084	4,456,775	5,007,471
		26,818,455	45,302,593	1,577,830	17,217,545	3,230,150	1,230,932	4,872,347	5,479,637
		33,623,261	1,743,491	660,863	2,906,874	40,371	0	701	29,047
		60,441,716	47,046,084	2,238,693	20,124,419	3,270,521	1,230,932	4,873,048	5,508,684
1		87,918	6,463	29,369	173,694	45,338	3,295	33,153	51,222
		2,104,050	4,880,195	129,919	1,227,222	261,769	96,390	333,940	471,377
		2,191,968	4,886,658	159,288	1,400,916	307,107	99,685	367,093	522,599
		3,093,240	173,463	21,301	269,110	2,826	0	0	0
		5,285,208	5,060,121	180,589	1,670,026	309,933	99,685	367,093	522,599
2		50,064	13,839	21,968	164,534	20,508	3,056	0	43,221
		2,466,110	4,861,062	129,517	1,057,755	321,052	55,931	268,810	508,250
		2,516,174	4,874,901	151,485	1,222,289	341,560	58,987	268,810	551,471
		2,792,387	160,004	26,812	273,739	7,147	0	0	1,081
		5,308,561	5,034,905	178,297	1,496,028	348,707	58,987	268,810	552,552
3		214,495	6,191	8,164	193,149	31,012	5,173	38,159	64,175
		1,654,707	4,592,012	198,311	1,350,735	266,267	124,942	257,645	450,315
		1,869,202	4,598,203	206,475	1,543,884	297,279	130,115	295,804	514,490
		2,904,275	178,372	120,357	252,508	2,832	0	701	1,020
		4,773,477	4,776,575	326,832	1,796,392	300,111	130,115	296,505	515,510
4		97,885	8,726	43,844	167,715	24,383	3,865	7,819	32,560
		2,093,750	3,721,130	135,620	1,306,931	255,261	92,467	314,108	374,610
		2,191,635	3,729,856	179,464	1,474,646	279,644	96,332	321,927	407,170
		2,992,837	154,678	57,308	211,007	3,774	0	0	300
		5,184,472	3,884,534	236,772	1,685,653	283,418	96,332	321,927	407,470
5		92,517	6,383	12,762	190,086	20,092	4,634	30,145	49,724
		2,092,021	3,984,952	200,790	1,319,462	206,426	85,389	474,881	447,300
		2,184,538	3,991,335	213,552	1,509,548	226,518	90,023	505,026	497,024
		2,789,991	147,057	63,729	219,758	2,165	0	0	13,600
		4,974,529	4,138,392	277,281	1,729,306	228,683	90,023	505,026	510,624
6		211,088	5,827	11,698	150,116	19,353	2,288	62,260	30,076
		1,633,373	3,095,299	181,085	1,308,324	165,745	82,951	349,136	414,989
		1,844,461	3,101,126	192,783	1,458,440	185,098	85,239	411,396	445,065
		2,691,790	100,780	156,208	246,189	1,644	0	0	0
		4,536,251	3,201,906	348,991	1,704,629	186,742	85,239	411,396	445,065

2. Cargo Transportation by Item and Coarstal or Ocean-going (Arrival 4-3)

Unit: R/T

Textiles and Textile Articles	Scrap	Iron Steel and Articles Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical Machinery and Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
14,213,450	517,078	5,558,981	865,539	4,225,064	3,604,384	377,442	190,638	2,269,153
38,806,198	3,355,527	17,552,312	5,640,332	4,663,326	9,595,694	3,819,517	3,430,994	15,265,037
53,019,648	3,872,605	23,111,293	6,505,871	8,888,390	13,200,078	4,196,959	3,621,632	17,534,190
101,115	171,764	10,318,234	31,056	2,652,270	90,111	148,824	1,124	6,410,114
53,120,763	4,044,369	33,429,527	6,536,927	11,540,660	13,290,189	4,345,783	3,622,756	23,944,304
3,836,648	38,503	360,203	73,951	276,253	277,343	21,610	13,235	198,546
3,273,852	367,675	1,095,750	468,963	518,428	846,538	201,489	224,811	1,157,539
7,110,500	406,178	1,455,953	542,914	794,681	1,123,881	223,099	238,046	1,356,085
6,520	0	898,037	2,257	195,495	25,185	34,471	0	540,691
7,117,020	406,178	2,353,990	545,171	990,176	1,149,066	257,570	238,046	1,896,776
768,910	53,806	317,948	60,866	311,836	247,043	16,869	12,789	113,349
2,558,725	162,258	1,272,443	293,990	255,581	700,310	205,951	197,984	902,963
3,327,635	216,064	1,590,391	354,856	567,417	947,353	222,820	210,773	1,016,312
5,733	5,149	796,335	0	151,294	25,080	34,295	0	834,356
3,333,368	221,213	2,386,726	354,856	718,711	972,433	257,115	210,773	1,850,668
1,027,421	39,221	383,353	62,416	364,596	353,027	30,636	18,791	203,906
3,542,191	309,863	1,418,895	509,134	377,846	902,555	391,206	259,496	1,248,671
4,569,612	349,084	1,802,248	571,550	742,442	1,255,582	421,842	278,287	1,452,577
9,198	5,588	855,664	2,046	144,442	24,930	33,520	1,124	547,873
4,578,810	354,672	2,657,912	573,596	886,884	1,280,512	455,362	279,411	2,000,450
894,955	50,923	393,362	72,396	312,281	297,961	21,016	14,106	209,190
3,536,756	236,662	1,385,051	565,267	375,722	886,906	221,037	306,124	1,272,173
4,431,711	287,585	1,778,413	637,663	688,003	1,184,867	242,053	320,230	1,481,363
5,881	6,115	898,622	3,104	155,962	9,135	14,050	0	529,478
4,437,592	293,700	2,677,035	640,767	843,965	1,194,002	256,103	320,230	2,010,841
1,088,096	48,945	564,515	85,301	321,631	282,300	29,041	16,702	185,955
3,301,715	384,753	1,691,024	509,214	328,576	910,114	213,436	443,809	1,343,230
4,389,811	433,698	2,255,539	594,515	650,207	1,192,414	242,477	460,511	1,529,185
6,706	5,847	942,579	3,073	641,284	826	4,839	0	570,767
4,396,517	439,545	3,198,118	597,588	1,291,491	1,193,240	247,316	460,511	2,099,952
922,556	38,617	562,329	78,578	395,164	290,031	17,185	10,567	184,674
3,231,450	317,977	1,496,264	556,884	325,124	830,558	195,534	258,531	1,191,639
4,154,006	356,594	2,058,593	635,462	720,288	1,120,589	212,719	269,098	1,376,313
9,163	5,998	918,436	6,749	194,859	1,980	2,935	0	512,421
4,163,169	362,592	2,977,029	642,211	915,147	1,122,569	215,654	269,098	1,888,734

Year & Month	Items Ocean-Going & Coastal	가 가							
		Product of Petroleum Oils	Petroleum Gases and Other Gases	Fertilizers	Products of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles Thereof
7		95,872	6,992	26,994	171,751	19,446	3,725	21,174	26,843
		2,629,876	2,862,809	40,044	1,317,438	173,020	77,609	422,865	373,258
		2,725,748	2,869,801	67,038	1,489,189	192,466	81,334	444,039	400,101
		2,555,279	139,275	57,912	222,408	2,828	0	0	0
		5,281,027	3,009,076	124,950	1,711,597	195,294	81,334	444,039	400,101
8		89,149	4,179	10,727	137,511	26,281	4,539	25,909	33,009
		2,101,683	2,724,494	48,594	1,218,338	237,167	105,891	448,387	365,033
		2,190,832	2,728,673	59,321	1,355,849	263,448	110,430	474,296	398,042
		2,557,268	136,146	34,931	264,191	3,768	0	0	0
		4,748,100	2,864,819	94,252	1,620,040	267,216	110,430	474,296	398,042
9		147,327	15,271	7,313	171,502	23,083	7,522	22,144	27,410
		1,971,298	2,522,915	60,442	1,045,512	261,086	110,906	402,275	402,159
		2,118,625	2,538,186	67,755	1,217,014	284,169	118,428	424,419	429,569
		2,576,002	125,455	36,023	242,554	4,992	0	0	0
		4,694,627	2,663,641	103,778	1,459,568	289,161	118,428	424,419	429,569
10		87,766	1,457	5,096	189,454	25,873	9,171	72,378	55,624
		2,294,522	3,010,707	68,615	1,311,633	264,229	109,167	272,194	386,295
		2,382,288	3,012,164	73,711	1,501,087	290,102	118,338	344,572	441,919
		2,708,635	132,348	31,474	273,992	1,652	0	0	13,046
		5,090,923	3,144,512	105,185	1,775,079	291,754	118,338	344,572	454,965
11		101,607	10,067	4,847	156,114	19,993	8,956	28,038	31,903
		2,195,112	3,694,875	87,708	1,285,879	265,870	125,066	505,741	478,783
		2,296,719	3,704,942	92,555	1,441,993	285,863	134,022	533,779	510,686
		2,754,582	142,242	32,618	200,897	2,975	0	0	0
		5,051,301	3,847,184	125,173	1,642,890	288,838	134,022	533,779	510,686
12		138,481	88,558	3,737	155,153	26,327	7,624	74,393	26,399
		2,167,784	5,178,190	110,666	1,447,537	250,569	100,375	406,793	335,102
		2,306,265	5,266,748	114,403	1,602,690	276,896	107,999	481,186	361,501
		3,206,975	153,671	22,190	230,521	3,768	0	0	0
		5,513,240	5,420,419	136,593	1,833,211	280,664	107,999	481,186	361,501

Cargo Transportation by Item and Coarstal or Ocean-going (Arrival 4-4)

Unit: R/T

Textiles and Textile Articles	Scrap	Iron Steel and Articles Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical Machinery and Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
922,222	38,873	491,865	88,932	346,362	313,865	19,385	13,328	221,035
3,206,151	237,428	1,345,660	429,686	321,661	765,474	222,071	265,812	1,254,643
4,128,373	276,301	1,837,525	518,618	668,023	1,079,339	241,456	279,140	1,475,678
7,422	12,516	863,153	3,012	346,587	184	2,365	0	502,541
4,135,795	288,817	2,700,678	521,630	1,014,610	1,079,523	243,821	279,140	1,978,219
925,727	41,586	454,142	83,429	324,695	295,423	38,346	22,796	173,954
3,123,023	250,022	1,670,714	509,857	372,405	771,880	167,658	252,105	1,474,515
4,048,750	291,608	2,124,856	593,286	697,100	1,067,303	206,004	274,901	1,648,469
10,622	20,085	816,068	4,189	137,084	600	3,162	0	507,643
4,059,372	311,693	2,940,924	597,475	834,184	1,067,903	209,166	274,901	2,156,112
934,454	37,756	516,674	71,275	343,723	270,980	46,144	12,019	187,376
3,221,910	267,666	1,664,472	446,143	404,820	729,819	228,413	341,820	1,372,886
4,156,364	305,422	2,181,146	517,418	748,543	1,000,799	274,557	353,839	1,560,262
10,460	29,915	744,462	2,502	171,146	0	7,066	0	491,269
4,166,824	335,337	2,925,608	519,920	919,689	1,000,799	281,623	353,839	2,051,531
988,692	54,017	440,559	66,814	406,058	328,086	31,707	22,530	211,238
3,095,565	305,815	1,593,550	431,868	452,124	791,051	568,349	313,908	1,348,395
4,084,257	359,832	2,034,109	498,682	858,182	1,119,137	600,056	336,438	1,559,633
9,395	22,614	837,994	2,040	196,888	600	7,746	0	474,369
4,093,652	382,446	2,872,103	500,722	1,055,070	1,119,737	607,802	336,438	2,034,002
925,207	40,180	515,372	63,762	386,718	288,073	75,642	15,665	205,811
3,557,308	224,731	1,364,105	443,921	467,340	774,043	640,248	300,817	1,366,847
4,482,515	264,911	1,879,477	507,683	854,058	1,062,116	715,890	316,482	1,572,658
10,792	31,690	887,077	110	137,793	541	2,055	0	473,624
4,493,307	296,601	2,766,554	507,793	991,851	1,062,657	717,945	316,482	2,046,282
978,562	34,651	558,659	57,819	435,747	360,252	29,861	18,110	174,119
3,157,552	290,677	1,554,384	475,405	463,699	686,446	564,125	265,777	1,331,536
4,136,114	325,328	2,113,043	533,224	899,446	1,046,698	593,986	283,887	1,505,655
9,223	26,247	859,807	1,974	179,436	1,050	2,320	0	425,082
4,145,337	351,575	2,972,850	535,198	1,078,882	1,047,748	596,306	283,887	1,930,737

Year & Month	Items Ocean-Going & Coastal	Items							
		Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
2006		41,971,704	12,563	225,383	13,521	15,720	337,676	8,365	5,852
		221,930,507	253,940	530,207	91,346	34,950	2,200,837	81,025	34,512
		263,902,211	266,503	755,590	104,867	50,670	2,538,513	89,390	40,364
		113,452,841	181	47,171	89,413	0	445,779	547,848	0
		377,355,052	266,684	802,761	194,280	50,670	2,984,292	637,238	40,364
1		3,459,727	378	17,458	963	1,176	31,473	83	215
		17,801,438	11,580	43,681	4,839	1,912	157,799	2,463	4,100
		21,261,165	11,958	61,139	5,802	3,088	189,272	2,546	4,315
		9,408,809	0	6,250	0	0	78,779	20,482	0
		30,669,974	11,958	67,389	5,802	3,088	268,051	23,028	4,315
2		3,760,462	645	21,101	939	2,225	21,821	2,492	95
		16,153,465	10,239	41,326	6,620	1,386	170,038	1,797	1,358
		19,913,927	10,884	62,427	7,559	3,611	191,859	4,289	1,453
		8,458,469	0	3,743	0	0	50,010	27,935	0
		28,372,396	10,884	66,170	7,559	3,611	241,869	32,224	1,453
3		3,716,064	908	27,991	1,696	2,035	26,590	169	273
		18,747,168	16,470	48,478	5,497	2,057	190,277	8,329	2,135
		22,463,232	17,378	76,469	7,193	4,092	216,867	8,498	2,408
		9,748,470	0	7,239	0	0	44,048	36,692	0
		32,211,702	17,378	83,708	7,193	4,092	260,915	45,190	2,408
4		3,179,391	562	15,656	1,081	1,562	28,447	158	309
		18,521,155	19,119	37,625	8,964	2,742	209,274	5,842	2,497
		21,700,546	19,681	53,281	10,045	4,304	237,721	6,000	2,806
		9,970,124	0	3,315	0	0	25,694	44,060	0
		31,670,670	19,681	56,596	10,045	4,304	263,415	50,060	2,806
5		3,751,684	578	24,262	1,365	2,539	31,784	166	169
		18,733,251	30,929	54,200	6,777	1,323	224,037	3,994	1,340
		22,484,935	31,507	78,462	8,142	3,862	255,821	4,160	1,509
		10,511,403	0	2,850	0	0	21,494	43,513	0
		32,996,338	31,507	81,312	8,142	3,862	277,315	47,673	1,509
6		3,429,397	1,040	14,536	922	1,304	29,125	2,773	545
		17,388,407	28,241	37,923	7,019	5,664	197,520	8,907	1,857
		20,817,804	29,281	52,459	7,941	6,968	226,645	11,680	2,402
		9,836,995	0	1,790	0	0	21,610	53,221	0
		30,654,799	29,281	54,249	7,941	6,968	248,255	64,901	2,402

2. Cargo Transportation by Item and Coastal or Ocean-going (Departure 4-1)

Unit: R/T

Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils
424,133	869,974	356	14,286	21	105,699	426,108	62
3,710,468	5,245,671	5,187	164,600	116,884	313,058	1,458,462	2,164,658
4,134,601	6,115,645	5,543	178,886	116,905	418,757	1,884,570	2,164,720
217,168	15,308,753	20,881,654	22,651	29,397	316,236	10,530,352	5,897,187
4,351,769	21,424,398	20,887,197	201,537	146,302	734,993	12,414,922	8,061,907
30,618	40,593	0	0	0	7,188	16,432	0
178,698	391,649	1,264	63	21	10,303	116,118	208,245
209,316	432,242	1,264	63	21	17,491	132,550	208,245
14,333	982,238	1,671,186	13,319	13,319	25,764	828,977	485,369
223,649	1,414,480	1,672,450	13,382	13,340	43,255	961,527	693,614
28,547	120,685	3	0	0	6,954	16,326	0
185,740	433,511	539	0	13	9,157	97,636	510
214,287	554,196	542	0	13	16,111	113,962	510
12,677	782,837	1,343,210	3,016	13,008	39,561	748,603	321,110
226,964	1,337,033	1,343,752	3,016	13,021	55,672	862,565	321,620
47,162	37,490	0	0	0	7,902	31,310	0
288,988	386,127	220	54	220	7,230	122,432	222,828
336,150	423,617	220	54	220	15,132	153,742	222,828
15,635	1,389,154	1,910,467	100	3,070	26,102	870,579	351,280
351,785	1,812,771	1,910,687	154	3,290	41,234	1,024,321	574,108
28,133	41,170	0	0	0	13,757	41,347	0
227,802	451,036	370	49,095	19,399	6,437	101,593	839
255,935	492,206	370	49,095	19,399	20,194	142,940	839
12,339	1,377,254	2,056,203	0	0	22,194	846,302	524,099
268,274	1,869,460	2,056,573	49,095	19,399	42,388	989,242	524,938
33,984	164,870	0	0	0	8,284	33,302	0
237,675	404,069	394	82,571	40,204	9,214	123,263	179,861
271,659	568,939	394	82,571	40,204	17,498	156,565	179,861
16,263	1,427,243	2,224,498	0	0	25,898	929,816	386,842
287,922	1,996,182	2,224,892	82,571	40,204	43,396	1,086,381	566,703
30,497	89,523	23	0	0	7,664	39,060	0
215,416	418,026	374	23,970	29,540	7,861	152,375	23
245,913	507,549	397	23,970	29,540	15,525	191,435	23
14,225	1,437,131	2,224,791	0	0	24,748	917,181	268,938
260,138	1,944,680	2,225,188	23,970	29,540	40,273	1,108,616	268,961

Year & Month	Items Ocean-Going & Coastal	Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
		7	3,424,458	1,103	14,394	1,230	816	25,968	1,215	381
	18,799,946	20,173	33,192	6,811	3,624	145,767	9,053	2,349	
	22,224,404	21,276	47,586	8,041	4,440	171,735	10,268	2,730	
	8,590,182	0	792	0	0	21,067	48,714	0	
	30,814,586	21,276	48,378	8,041	4,440	192,802	58,982	2,730	
8	3,479,801	1,172	18,494	820	976	28,705	228	498	
	18,583,985	28,094	53,688	7,364	2,675	136,974	9,317	2,138	
	22,063,786	29,266	72,182	8,184	3,651	165,679	9,545	2,636	
	8,996,897	0	894	0	0	19,374	58,828	0	
	31,060,683	29,266	73,076	8,184	3,651	185,053	68,373	2,636	
9	3,362,054	1,169	19,526	531	735	21,068	130	252	
	19,437,866	23,085	43,042	8,269	4,737	182,437	7,297	2,732	
	22,799,920	24,254	62,568	8,800	5,472	203,505	7,427	2,984	
	9,274,393	0	2,438	85,413	0	17,585	59,370	0	
	32,074,313	24,254	65,006	94,213	5,472	221,090	66,797	2,984	
10	3,400,261	1,084	16,357	705	1,229	31,368	565	1,085	
	18,856,105	19,075	44,502	3,723	2,446	185,984	7,627	3,528	
	22,256,366	20,159	60,859	4,428	3,675	217,352	8,192	4,613	
	9,670,294	0	2,786	4,000	0	24,774	45,681	0	
	31,926,660	20,159	63,645	8,428	3,675	242,126	53,873	4,613	
11	3,552,747	290	18,452	1,205	480	33,064	191	1,449	
	19,632,745	20,913	40,450	11,096	3,085	229,010	10,901	8,481	
	23,185,492	21,203	58,902	12,301	3,565	262,074	11,092	9,930	
	9,144,938	181	7,397	0	0	40,956	50,717	0	
	32,330,430	21,384	66,299	12,301	3,565	303,030	61,809	9,930	
12	3,455,658	3,634	17,156	2,064	643	28,263	195	581	
	19,274,976	26,022	52,100	14,367	3,299	171,720	5,498	1,997	
	22,730,634	29,656	69,256	16,431	3,942	199,983	5,693	2,578	
	9,841,867	0	7,677	0	0	80,388	58,635	0	
	32,572,501	29,656	76,933	16,431	3,942	280,371	64,328	2,578	

2. Cargo Transportation by Item and Coarstal or Ocean-going (Departure 4-2)

Unit: R/T

Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils
33,729	37,040	0	14,286	0	8,625	29,060	0
380,533	449,023	624	5,691	27,172	157,165	121,508	297,909
414,262	486,063	624	19,977	27,172	165,790	150,568	297,909
18,730	1,036,960	1,090,249	200	0	25,795	829,536	767,526
432,992	1,523,023	1,090,873	20,177	27,172	191,585	980,104	1,065,435
35,329	80,950	83	0	0	14,325	47,664	0
395,067	575,874	286	1,000	38	15,626	127,645	207,190
430,396	656,824	369	1,000	38	29,951	175,309	207,190
16,594	1,247,997	1,564,971	0	0	22,414	901,972	650,986
446,990	1,904,821	1,565,340	1,000	38	52,365	1,077,281	858,176
33,093	40,521	60	0	0	8,837	64,766	0
423,163	445,565	146	20	131	17,268	155,578	443,211
456,256	486,086	206	20	131	26,105	220,344	443,211
16,534	1,324,604	1,871,864	0	0	28,519	845,837	558,165
472,790	1,810,690	1,872,070	20	131	54,624	1,066,181	1,001,376
41,717	70,547	81	0	21	3,002	44,988	0
425,727	485,972	365	2,118	23	23,808	123,985	91,498
467,444	556,519	446	2,118	44	26,810	168,973	91,498
23,800	1,394,222	1,663,188	0	0	24,542	949,668	808,345
491,244	1,950,741	1,663,634	2,118	44	51,352	1,118,641	899,843
37,915	57,333	83	0	0	11,346	36,792	0
364,677	185,418	317	18	74	21,620	106,591	158,219
402,592	242,751	400	18	74	32,966	143,383	158,219
38,857	1,434,781	1,593,572	6,016	0	24,292	913,420	342,605
441,449	1,677,532	1,593,972	6,034	74	57,258	1,056,803	500,824
43,409	89,252	23	0	0	7,815	25,061	62
386,982	619,401	288	0	49	27,369	109,738	354,325
430,391	708,653	311	0	49	35,184	134,799	354,387
17,181	1,474,332	1,667,455	0	0	26,407	948,461	431,922
447,572	2,182,985	1,667,766	0	49	61,591	1,083,260	786,309

Year & Month	Items Ocean-Going & Coastal	가 가							
		Product of Petroleum Oils	Petroleum Gases and Other Gases	Fertilizers	Products of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles of wood
2006		3,273,457	542,124	292,855	3,920,341	967,489	68,126	20,641	344,054
		39,959,796	722,777	1,469,819	13,452,203	6,614,466	574,719	134,151	1,148,223
		43,233,253	1,264,901	1,762,674	17,372,544	7,581,955	642,845	154,792	1,492,277
		33,791,910	1,743,491	660,863	2,917,400	40,371	0	701	29,047
		77,025,163	3,008,392	2,423,537	20,289,944	7,622,326	642,845	155,493	1,521,324
1		307,666	52,679	11,341	324,048	94,500	3,867	11,492	24,709
		3,415,166	60,561	125,788	977,384	562,808	41,472	67,473	84,848
		3,722,832	113,240	137,129	1,301,432	657,308	45,339	78,965	109,557
		3,096,274	173,463	21,301	269,110	2,826	0	0	0
		6,819,106	286,703	158,430	1,570,542	660,134	45,339	78,965	109,557
2		244,312	48,668	17,697	274,349	50,279	5,272	2,369	21,860
		2,431,110	64,243	144,485	962,059	602,262	48,550	2,392	79,062
		2,675,422	112,911	162,182	1,236,408	652,541	53,822	4,761	100,922
		2,791,118	160,004	26,812	273,739	7,147	0	0	1,081
		5,466,540	272,915	188,994	1,510,147	659,688	53,822	4,761	102,003
3		299,374	65,366	22,881	314,965	80,175	7,097	741	29,307
		2,598,552	60,872	153,275	1,389,794	635,770	63,610	2,778	85,921
		2,897,926	126,238	176,156	1,704,759	715,945	70,707	3,519	115,228
		2,913,460	178,372	120,357	252,508	2,832	0	701	1,020
		5,811,386	304,610	296,513	1,957,267	718,777	70,707	4,220	116,248
4		275,777	22,283	17,075	290,327	100,024	5,526	282	23,902
		3,024,747	43,745	98,120	1,141,288	638,992	41,230	36,355	95,526
		3,300,524	66,028	115,195	1,431,615	739,016	46,756	36,637	119,428
		3,010,716	154,678	57,308	208,669	3,774	0	0	300
		6,311,240	220,706	172,503	1,640,284	742,790	46,756	36,637	119,728
5		258,987	26,481	58,568	367,371	104,594	4,764	625	32,600
		3,127,407	69,939	98,244	1,144,336	494,037	38,701	3,478	85,210
		3,386,394	96,420	156,812	1,511,707	598,631	43,465	4,103	117,810
		2,806,769	147,057	63,729	223,747	2,165	0	0	13,600
		6,193,163	243,477	220,541	1,735,454	600,796	43,465	4,103	131,410
6		336,935	38,777	9,703	353,801	97,896	4,749	740	29,188
		2,456,636	64,509	112,507	1,138,821	591,586	46,867	2,424	97,552
		2,793,571	103,286	122,210	1,492,622	689,482	51,616	3,164	126,740
		2,711,064	100,780	156,208	250,901	1,644	0	0	0
		5,504,635	204,066	278,418	1,743,523	691,126	51,616	3,164	126,740

2. Cargo Transportation by Item and Coastal or Ocean-going (Departure 4-3)

Unit: R/T

Textiles and Textile Articles	Scrap	Iron Steel and Articles Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical Machinery and Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
13,610,161	158,712	5,479,582	534,141	3,527,736	549,175	1,482,215	169,625	4,571,551
44,101,047	180,183	13,949,658	2,429,902	11,266,295	8,883,137	32,962,430	4,266,186	23,409,710
57,711,208	338,895	19,429,240	2,964,043	14,794,031	9,432,312	34,444,645	4,435,811	27,981,261
101,115	171,764	10,324,822	30,059	2,657,335	90,111	148,824	1,124	6,410,114
57,812,323	510,659	29,754,062	2,994,102	17,451,366	9,522,423	34,593,469	4,436,935	34,391,375
1,129,175	4,491	482,673	51,571	261,896	57,970	79,104	14,492	401,476
3,499,767	4,332	1,090,352	220,279	815,046	785,201	2,970,246	311,246	1,636,734
4,628,942	8,823	1,573,025	271,850	1,076,942	843,171	3,049,350	325,738	2,038,210
6,520	0	898,037	2,078	198,837	25,185	34,471	0	540,691
4,635,462	8,823	2,471,062	273,928	1,275,779	868,356	3,083,821	325,738	2,578,901
1,672,584	5,150	414,076	33,914	233,152	39,857	101,502	9,894	363,694
3,508,064	7,536	1,201,141	206,182	974,532	741,564	2,346,845	298,356	1,575,212
5,180,648	12,686	1,615,217	240,096	1,207,684	781,421	2,448,347	308,250	1,938,906
5,733	5,149	796,335	0	151,910	25,080	34,295	0	834,356
5,186,381	17,835	2,411,552	240,096	1,359,594	806,501	2,482,642	308,250	2,773,262
1,234,785	2,783	476,330	47,851	296,805	50,648	142,707	18,685	442,038
3,899,913	10,926	1,244,611	192,280	946,186	836,802	3,001,268	386,797	1,936,471
5,134,698	13,709	1,720,941	240,131	1,242,991	887,450	3,143,975	405,482	2,378,509
9,198	5,588	856,264	1,846	144,511	24,930	33,520	1,124	547,873
5,143,896	19,297	2,577,205	241,977	1,387,502	912,380	3,177,495	406,606	2,926,382
975,828	22,755	425,588	42,130	248,596	35,024	101,318	13,041	407,733
3,908,808	28,275	1,163,106	216,391	1,046,766	768,702	2,903,309	374,119	1,849,042
4,884,636	51,030	1,588,694	258,521	1,295,362	803,726	3,004,627	387,160	2,256,775
5,881	6,115	899,522	3,104	155,934	9,135	14,050	0	529,478
4,890,517	57,145	2,488,216	261,625	1,451,296	812,861	3,018,677	387,160	2,786,253
1,087,124	28,606	461,150	48,288	287,123	56,340	162,457	16,625	448,678
3,652,797	14,677	1,227,864	213,154	856,381	838,040	3,019,839	417,628	2,031,668
4,739,921	43,283	1,689,014	261,442	1,143,504	894,380	3,182,296	434,253	2,480,346
6,706	5,847	942,579	2,853	641,502	826	4,839	0	570,767
4,746,627	49,130	2,631,593	264,295	1,785,006	895,206	3,187,135	434,253	3,051,113
1,036,860	25,435	435,919	52,469	243,200	50,893	53,986	17,288	424,546
3,813,898	14,141	1,173,402	222,530	874,469	703,607	2,778,542	344,170	1,818,030
4,850,758	39,576	1,609,321	274,999	1,117,669	754,500	2,832,528	361,458	2,242,576
9,163	5,998	918,436	6,749	195,081	1,980	2,935	0	512,421
4,859,921	45,574	2,527,757	281,748	1,312,750	756,480	2,835,463	361,458	2,754,997

Year & Month	Items Ocean-Going & Coastal	가 가							
		Product of Petroleum Oils	Petroleum Gases and Other Gases	Fertilizers	Products of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles Thereof
7		248,451	67,347	21,579	368,037	87,417	8,156	585	30,259
		3,945,661	60,715	153,468	1,097,164	495,430	39,223	3,633	109,462
		4,194,112	128,062	175,047	1,465,201	582,847	47,379	4,218	139,721
		2,588,009	139,275	57,912	223,715	2,828	0	0	0
		6,782,121	267,337	232,959	1,688,916	585,675	47,379	4,218	139,721
8		296,681	49,614	15,953	342,201	107,022	5,772	638	27,436
		4,461,040	76,987	164,777	1,090,533	551,311	88,877	3,190	95,639
		4,757,721	126,601	180,730	1,432,734	658,333	94,649	3,828	123,075
		2,577,055	136,146	34,931	261,935	3,768	0	0	0
		7,334,776	262,747	215,661	1,694,669	662,101	94,649	3,828	123,075
9		215,471	56,725	29,250	305,024	64,265	4,603	1,006	28,949
		4,077,364	72,116	146,815	1,175,185	474,865	48,664	4,023	105,921
		4,292,835	128,841	176,065	1,480,209	539,130	53,267	5,029	134,870
		2,597,559	125,455	36,023	242,540	4,992	0	0	0
		6,890,394	254,296	212,088	1,722,749	544,122	53,267	5,029	134,870
10		321,881	31,365	14,886	336,876	64,274	6,343	941	31,434
		3,607,757	71,471	95,353	1,102,851	490,641	33,031	3,554	123,290
		3,929,638	102,836	110,239	1,439,727	554,915	39,374	4,495	154,724
		2,722,376	132,348	31,474	275,851	1,652	0	0	13,046
		6,652,014	235,184	141,713	1,715,578	556,567	39,374	4,495	167,770
11		223,629	32,309	41,455	325,085	55,388	6,141	413	36,364
		3,473,193	31,301	81,985	1,100,111	559,683	38,908	2,412	103,374
		3,696,822	63,610	123,440	1,425,196	615,071	45,049	2,825	139,738
		2,764,001	142,242	32,618	204,164	2,975	0	0	0
		6,460,823	205,852	156,058	1,629,360	618,046	45,049	2,825	139,738
12		244,293	50,510	32,467	318,257	61,655	5,836	809	28,046
		3,341,163	46,318	95,002	1,132,677	517,081	45,586	2,439	82,418
		3,585,456	96,828	127,469	1,450,934	578,736	51,422	3,248	110,464
		3,213,509	153,671	22,190	230,521	3,768	0	0	0
		6,798,965	250,499	149,659	1,681,455	582,504	51,422	3,248	110,464

Cargo Transportation by Item and Coarstal or Ocean-going (Departure 4-4)

Unit: R/T

Textiles and Textile Articles	Scrap	Iron Steel and Articles Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical Machinery and Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
1,066,164	14,230	456,313	44,981	262,279	48,216	80,316	14,064	438,217
3,812,670	12,773	1,272,481	195,042	852,004	745,041	2,024,276	328,595	1,991,714
4,878,834	27,003	1,728,794	240,023	1,114,283	793,257	2,104,592	342,659	2,429,931
7,422	12,516	864,746	2,614	346,486	184	2,365	0	502,541
4,886,256	39,519	2,593,540	242,637	1,460,769	793,441	2,106,957	342,659	2,932,472
1,054,017	2,125	500,818	46,129	275,993	43,683	105,176	13,465	363,834
3,651,631	11,032	1,056,988	195,275	887,268	695,738	1,760,582	318,203	1,911,938
4,705,648	13,157	1,557,806	241,404	1,163,261	739,421	1,865,758	331,668	2,275,772
10,622	20,085	815,536	4,189	137,195	600	3,162	0	507,643
4,716,270	33,242	2,373,342	245,593	1,300,456	740,021	1,868,920	331,668	2,783,415
1,038,279	13,090	481,804	38,016	339,549	53,915	186,243	13,476	301,701
3,583,233	24,801	1,071,472	191,676	1,083,558	732,365	2,737,686	317,105	1,834,336
4,621,512	37,891	1,553,276	229,692	1,423,107	786,280	2,923,929	330,581	2,136,037
10,460	29,915	745,176	2,502	171,107	0	7,066	0	491,269
4,631,972	67,806	2,298,452	232,194	1,594,214	786,280	2,930,995	330,581	2,627,306
1,090,793	6,907	405,293	37,401	346,864	40,244	102,056	15,137	334,817
3,701,383	13,975	1,091,856	179,108	951,129	701,694	2,718,330	279,131	2,271,170
4,792,176	20,882	1,497,149	216,509	1,297,993	741,938	2,820,386	294,268	2,605,987
9,395	22,614	838,794	2,040	196,983	600	7,746	0	474,369
4,801,571	43,496	2,335,943	218,549	1,494,976	742,538	2,828,132	294,268	3,080,356
1,114,711	14,105	458,963	54,593	365,704	35,340	264,031	14,484	311,432
3,565,961	20,053	1,222,540	198,472	1,083,695	673,236	3,572,308	632,268	2,112,375
4,680,672	34,158	1,681,503	253,065	1,449,399	708,576	3,836,339	646,752	2,423,807
10,792	31,690	889,590	110	137,742	541	2,055	0	473,624
4,691,464	65,848	2,571,093	253,175	1,587,141	709,117	3,838,394	646,752	2,897,431
1,109,841	19,035	480,655	36,798	366,575	37,045	103,319	8,974	333,385
3,502,922	17,662	1,133,845	199,513	895,261	661,147	3,129,199	258,568	2,441,020
4,612,763	36,697	1,614,500	236,311	1,261,836	698,192	3,232,518	267,542	2,774,405
9,223	26,247	859,807	1,974	180,047	1,050	2,320	0	425,082
4,621,986	62,944	2,474,307	238,285	1,441,883	699,242	3,234,838	267,542	3,199,487

2006

Items									
Districts	Flag	Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
		480,985,145	208,783	1,894,580	10,158,044	450,903	5,402,257	778,951	1,978,304
		92,314,662	9,097	546,574	1,119,693	26,189	327,367	124,443	54,546
		388,670,483	199,686	1,348,006	9,038,351	424,714	5,074,890	654,508	1,923,758
		28,677,020	4,087	110,566	2,415	3,553	19,757	320	1,726
		11,400,303	1,102	43,926	2	1,223	5,144	320	26
		17,276,717	2,985	66,640	2,413	2,330	14,613	0	1,700
		88,441,360	5,393	1,090,887	1,682,897	205,495	1,461,470	144,533	36,069
		20,192,230	675	420,756	71,719	5,466	123,768	3,913	6,262
		68,249,130	4,718	670,131	1,611,178	200,029	1,337,702	140,620	29,807
		63,646,744	5,240	59,255	153,729	64,394	806,855	198,552	344,693
		4,625,158	142	14,335	35,558	3,948	129,848	69,846	7,899
		59,021,586	5,098	44,920	118,171	60,446	677,007	128,706	336,794
		7,466,315	0	7,767	75,307	38,332	413,751	38,576	27,336
		852,760	0	3,990	2,527	14,445	16,875	930	0
		6,613,555	0	3,777	72,780	23,887	396,876	37,646	27,336
		141,144,421	1,676	5,280	41	2,612	9,060	274	55
		12,156,786	0	2,138	0	356	107	16	0
		128,987,635	1,676	3,142	41	2,256	8,953	258	55
		10,591,044	40,184	73,551	117,846	52,577	165,024	9,291	987
		957,202	1,898	8,132	11,464	751	5,519	94	128
		9,633,842	38,286	65,419	106,382	51,826	159,505	9,197	859
		11,378,013	333	1,904	55,391	1,415	67,450	270	134,197
		173,137	0	62	0	0	135	0	0
		11,204,876	333	1,842	55,391	1,415	67,315	270	134,197
		28,638,165	114,992	113,483	5,465,448	64,132	1,549,748	173,485	1,732
		5,515,008	5,026	3,255	733,311	0	44,738	49,324	231
		23,123,157	109,966	110,228	4,732,137	64,132	1,505,010	124,161	1,501
		1,339,046	637	5,176	0	549	4,949	0	257,505
		2,720	0	0	0	0	86	0	0
		1,336,326	637	5,176	0	549	4,863	0	257,505
		23,332,061	5,161	193,614	1,126,295	1,062	764,293	195,677	50,559
		3,906,663	0	176	0	0	437	0	0
		19,425,398	5,161	193,438	1,126,295	1,062	763,856	195,677	50,559
		75,853,146	31,080	95,522	1,302,642	16,782	122,651	17,973	1,123,445
		32,434,183	254	23,136	220,162	0	710	0	40,000
		43,418,963	30,826	72,386	1,082,480	16,782	121,941	17,973	1,083,445
		477,810	0	137,575	176,033	0	17,249	0	0
		98,512	0	26,668	44,950	0	0	0	0
		379,298	0	110,907	131,083	0	17,249	0	0

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3. Export and Import Cargo Transportation by Region (2-1)

Unit: R/T

Import								
Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils	Product of Petroleum Oils
6,679,785	3,048,827	1,582,168	4,663,254	69,672,687	52,381,793	15,694,579	124,824,672	26,472,547
659,822	1,121,472	245,389	844,657	22,591,632	26,193,176	1,405,532	11,763,466	1,390,271
6,019,963	1,927,355	1,336,779	3,818,597	47,081,055	26,188,617	14,289,047	113,061,206	25,082,276
174,387	1,445,064	34,804	0	20,536	664,602	3,345,354	39,155	2,174,729
90,009	408,209	32,875	0	0	2,331	738,992	98	749,256
84,378	1,036,855	1,929	0	20,536	662,271	2,606,362	39,057	1,425,473
1,237,851	1,603,289	1,305,048	2,117,916	19,564,293	2,491,460	3,590,348	1,411,180	2,832,843
240,415	713,105	212,514	465,386	5,484,826	898,074	327,290	0	213,952
997,436	890,184	1,092,534	1,652,530	14,079,467	1,593,386	3,263,058	1,411,180	2,618,891
820,847	0	34,087	1,749,769	18,872,734	608,075	1,610,431	7,944,346	3,380,175
183,206	0	0	238,149	2,430,036	18,301	92,792	128	82,807
637,641	0	34,087	1,511,620	16,442,698	589,774	1,517,639	7,944,218	3,297,368
423,788	0	0	0	0	1,573,616	200,626	72	3,782,595
5,678	0	0	0	0	602,308	93	0	80,017
418,110	0	0	0	0	971,308	200,533	72	3,702,578
35,132	0	0	0	0	1,512	47,968	103,550,646	11,518,494
8,361	0	0	0	0	20	110	11,763,240	263,107
26,771	0	0	0	0	1,492	47,858	91,787,406	11,255,387
436,903	474	39	0	0	12,289	49,768	2,189,578	730,596
50,384	158	0	0	0	2,689	4,898	0	641
386,519	316	39	0	0	9,600	44,870	2,189,578	729,955
23,716	0	996	0	130,024	1,258,783	752,087	4,887,348	373,497
0	0	0	0	130,024	41,100	0	0	0
23,716	0	996	0	0	1,217,683	752,087	4,887,348	373,497
2,426,962	0	0	290,801	4,147,861	1,310,410	1,112,959	91,241	650,818
75,766	0	0	0	2,854,190	1,109,001	65,165	0	476
2,351,196	0	0	290,801	1,293,671	201,409	1,047,794	91,241	650,342
15,776	0	0	0	0	2,802	446,756	140,433	31,262
61	0	0	0	0	239	0	0	0
15,715	0	0	0	0	2,563	446,756	140,433	31,262
801,738	0	0	0	0	13,492,472	1,636,805	1,244,453	93,243
4,278	0	0	0	0	3,759,634	90,430	0	0
797,460	0	0	0	0	9,732,838	1,546,375	1,244,453	93,243
224,962	0	207,194	504,768	26,937,239	30,965,772	2,859,414	3,326,220	904,295
1,355	0	0	141,122	11,692,556	19,759,479	64,642	0	15
223,607	0	207,194	363,646	15,244,683	11,206,293	2,794,772	3,326,220	904,280
57,723	0	0	0	0	0	42,063	0	0
309	0	0	0	0	0	21,120	0	0
57,414	0	0	0	0	0	20,943	0	0

Note: Transportation by Korean flags include transportation by BBC/HP

2006

Districts	Items							
	Flag	가 가 Petroleum Gases and Other Gases	Fertilizers	Product of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles of wood
		45,258,037	1,372,240	13,679,462	884,315	942,710	4,835,181	4,384,469
		170,613	132,691	1,715,780	161,548	50,875	415,447	301,229
		45,087,424	1,239,549	11,963,682	722,767	891,835	4,419,734	4,083,240
		658,336	15,989	1,829,303	231,115	2,234	1,655	84,144
		47,755	276	1,016,796	113,946	898	0	39,156
		610,581	15,713	812,507	117,169	1,336	1,655	44,988
		218,501	591,103	2,625,823	172,334	766,977	784,143	1,057,098
		27,615	50,903	441,431	20,495	41,929	740	86,048
		190,886	540,200	2,184,392	151,839	725,048	783,403	971,050
		17,504,509	54,942	1,253,348	83,921	2,601	93,325	1,356,714
		2,934	1,607	92,528	13,797	269	31,293	100,790
		17,501,575	53,335	1,160,820	70,124	2,332	62,032	1,255,924
		44,905	10,449	45,798	1,831	1,088	160	15,026
		11,235	8	3,892	90	181	0	3,198
		33,670	10,441	41,906	1,741	907	160	11,828
		23,039,490	227,783	2,219,139	23,142	814	350	10,515
		81,074	0	5,173	338	426	0	54
		22,958,416	227,783	2,213,966	22,804	388	350	10,461
		201	72,308	783,799	97,201	9,004	343,976	180,366
		0	28,427	105,588	5,158	708	147	24,188
		201	43,881	678,211	92,043	8,296	343,829	156,178
		2,548,616	1,196	599,715	4,158	551	100	42,709
		0	0	0	207	0	0	0
		2,548,616	1,196	599,715	3,951	551	100	42,709
		79,462	385,589	2,628,223	249,219	124,478	430,639	1,195,872
		0	51,445	48,450	7,167	6,409	1,087	32,136
		79,462	334,144	2,579,773	242,052	118,069	429,552	1,163,736
		105,303	429	13,606	2,682	1,058	75	26,922
		0	0	60	191	20	0	406
		105,303	429	13,546	2,491	1,038	75	26,516
		0	132	1,055,457	5,984	786	27,849	238,493
		0	0	224	159	0	0	442
		0	132	1,055,233	5,825	786	27,849	238,051
		1,058,714	12,320	584,065	12,728	33,119	3,152,909	176,610
		0	25	1,638	0	35	382,180	14,811
		1,058,714	12,295	582,427	12,728	33,084	2,770,729	161,799
		0	0	41,186	0	0	0	0
		0	0	0	0	0	0	0
		0	0	41,186	0	0	0	0

3. Export and Import Cargo Transportation by Region (2-2)

Unit: R/T

Import								
Textiles and Textile Articles	Scrap	Iron Steel Machinery and Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical and Articles Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
27,815,237	3,779,036	22,093,039	4,900,375	5,238,702	6,426,966	1,029,405	2,112,621	10,341,216
7,728,996	506,363	5,454,082	575,645	2,934,981	1,768,200	211,501	128,177	1,635,208
20,086,241	3,272,673	16,638,957	4,324,730	2,303,721	4,658,766	817,904	1,984,444	8,706,008
2,426,740	2,476,328	7,823,462	404,467	2,231,550	688,435	195,455	57,626	1,509,126
1,414,058	448,828	3,281,748	160,556	1,590,048	344,629	64,608	21,480	782,008
1,012,682	2,027,500	4,541,714	243,911	641,502	343,806	130,847	36,146	727,118
17,584,461	738,533	11,023,082	2,853,591	1,688,039	2,738,088	269,998	1,134,641	3,413,976
5,328,904	23,531	1,969,747	308,955	1,115,364	944,732	92,675	30,345	520,695
12,255,557	715,002	9,053,335	2,544,636	572,675	1,793,356	177,323	1,104,296	2,893,281
3,032,517	282	131,939	298,260	82,469	1,465,830	51,724	667,312	913,869
476,437	0	10,899	48,604	16,369	345,905	8,833	61,277	106,621
2,556,080	282	121,040	249,656	66,100	1,119,925	42,891	606,035	807,248
338,402	3,253	98,347	22,567	17,877	93,017	6,072	48,729	137,028
68,086	713	360	290	9,479	20,343	475	5,281	2,266
270,316	2,540	97,987	22,277	8,398	72,674	5,597	43,448	134,762
177,499	169	8,704	42,951	48,711	28,672	6,951	24,760	112,021
11,213	80	23	8,186	155	8,578	18	94	3,919
166,286	89	8,681	34,765	48,556	20,094	6,933	24,666	108,102
1,377,424	198,930	656,569	101,898	505,455	818,355	406,355	61,424	1,098,672
291,641	5,413	103,082	5,093	148,451	48,360	40,370	4,559	59,261
1,085,783	193,517	553,487	96,805	357,004	769,995	365,985	56,865	1,039,411
59,888	619	129,734	66,519	12,443	26,507	4,505	8,982	184,360
197	0	13	39	106	23	108	0	1,123
59,691	619	129,721	66,480	12,337	26,484	4,397	8,982	183,237
2,136,766	175,747	709,596	365,890	504,606	382,863	67,944	92,741	1,594,458
132,714	72	75,444	42,270	54,635	55,377	3,600	4,947	58,772
2,004,052	175,675	634,152	323,620	449,971	327,486	64,344	87,794	1,535,686
100,808	220	9,550	50,604	9,658	19,057	2,092	684	90,453
484	0	581	249	61	0	0	0	282
100,324	220	8,969	50,355	9,597	19,057	2,092	684	90,171
166,348	181,718	1,051,216	248,519	89,320	73,724	8,574	5,523	573,046
156	24,489	88	0	24	0	0	104	26,022
166,192	157,229	1,051,128	248,519	89,296	73,724	8,574	5,419	547,024
414,384	3,237	450,840	445,109	48,574	92,395	9,735	10,199	708,249
5,106	3,237	12,097	1,403	289	253	814	90	68,774
409,278	0	438,743	443,706	48,285	92,142	8,921	10,109	639,475
0	0	0	0	0	23	0	0	5,958
0	0	0	0	0	0	0	0	5,465
0	0	0	0	0	23	0	0	493

2006

Districts	Items		Total	Meat	Fish, Crustaceans and Mollusks	Cereals	Products of The Milling Industry	Other Animal and Vegetable Products	Animal or Vegetable Fats and Oils	Sugars
		Flag								
			202,762,357	14,566	286,747	4,292	17,975	1,563,254	45,763	29,819
			31,726,599	448	84,495	173	1,594	138,172	3,169	5,363
			171,035,758	14,118	202,252	4,119	16,381	1,425,082	42,594	24,456
			21,843,316	0	66,819	116	6,219	167,808	8,461	1,444
			8,210,982	0	33,810	0	1,085	96,996	37	1,160
			13,632,334	0	33,009	116	5,134	70,812	8,424	284
			64,290,763	6,606	108,071	1,252	2,553	136,257	30,199	8,037
			15,546,829	5	35,379	0	184	20,691	2,668	3,948
			48,743,934	6,601	72,692	1,252	2,369	115,566	27,531	4,089
			22,833,441	314	10,256	1,191	396	28,532	318	10,539
			2,975,771	0	1,921	77	0	377	18	0
			19,857,670	314	8,335	1,114	396	28,155	300	10,539
			5,035,225	0	156	25	469	8,843	189	464
			581,544	0	71	25	0	522	0	0
			4,453,681	0	85	0	469	8,321	189	464
			12,049,852	340	3,166	72	878	207,811	373	68
			530,907	27	1,789	0	130	2,807	18	0
			11,518,945	313	1,377	72	748	205,004	355	68
			21,605,610	1,334	33,589	18	556	254,718	607	147
			1,513,483	363	7,561	18	23	5,779	152	46
			20,092,127	971	26,028	0	533	248,939	455	101
			6,104,198	2,286	575	0	865	83,141	1,637	4,672
			117,017	0	0	0	78	274	63	0
			5,987,181	2,286	575	0	787	82,867	1,574	4,672
			32,726,095	2,020	38,758	1,618	5,132	488,930	2,875	1,746
			2,121,412	53	3,806	53	94	10,660	213	209
			30,604,683	1,967	34,952	1,565	5,038	478,270	2,662	1,537
			5,438,106	632	774	0	65	16,686	293	52
			34,415	0	0	0	0	0	0	0
			5,403,691	632	774	0	65	16,686	293	52
			5,516,095	401	6,953	0	375	65,208	394	1,424
			878	0	0	0	0	0	0	0
			5,515,217	401	6,953	0	375	65,208	394	1,424
			5,063,292	633	12,766	0	467	105,238	417	1,226
			53,656	0	0	0	0	66	0	0
			5,009,636	633	12,766	0	467	105,172	417	1,226
			256,364	0	4,864	0	0	82	0	0
			39,705	0	158	0	0	0	0	0
			216,659	0	4,706	0	0	82	0	0

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3. Export and Import Cargo Transportation by Region (2-1)

Unit: R/T

Export								
Prepared Foodstuffs	Cement	Natural Sands	Anthracite	Bituminous Coal	Iron Ores	Other Ores	Crude Petroleum Oils	Product of Petroleum Oils
1,533,429	6,113,469	849	1,033	335	246,386	1,180,606	1,883,633	42,126,224
127,341	869,721	109	0	0	79,086	276,979	21	3,153,153
1,406,088	5,243,748	740	1,033	335	167,300	903,627	1,883,612	38,973,071
91,752	883,910	50	880	94	79,012	207,131	483,183	8,396,785
42,396	500,920	14	0	0	79,012	59,413	0	782,131
49,356	382,990	36	880	94	0	147,718	483,183	7,614,654
764,191	5,744	589	0	132	16,715	553,098	1,227,419	15,836,616
38,731	4,946	95	0	0	0	213,153	0	2,010,497
725,460	798	494	0	132	16,715	339,945	1,227,419	13,826,119
50,463	49,500	18	0	0	139	105,536	72,905	7,622,213
5,143	0	0	0	0	55	264	0	268,997
45,320	49,500	18	0	0	84	105,272	72,905	7,353,216
6,093	362,206	0	36	0	17	6,105	99,163	654,990
2,500	0	0	0	0	0	3,119	21	16,644
3,593	362,206	0	36	0	17	2,986	99,142	638,346
193,428	188,755	0	54	0	0	38,641	294	257,620
3,001	48,000	0	0	0	0	304	0	15,266
190,427	140,755	0	54	0	0	38,337	294	242,354
127,911	45,603	0	0	0	144,689	3,593	0	745,666
10,755	0	0	0	0	19	275	0	985
117,156	45,603	0	0	0	144,670	3,318	0	744,681
26,840	1,268,369	0	0	0	0	20,849	0	717,412
0	30,800	0	0	0	0	0	0	160
26,840	1,237,569	0	0	0	0	20,849	0	717,252
230,667	2,585,160	172	0	36	564	123,187	651	4,898,067
24,780	285,055	0	0	0	0	451	0	1,548
205,887	2,300,105	172	0	36	564	122,736	651	4,896,519
4,842	541,516	0	0	0	0	15,595	0	506,512
0	0	0	0	0	0	0	0	0
4,842	541,516	0	0	0	0	15,595	0	506,512
8,290	182,685	0	0	73	5,250	66,403	0	791,622
0	0	0	0	0	0	0	0	0
8,290	182,685	0	0	73	5,250	66,403	0	791,622
28,937	21	20	63	0	0	39,967	18	1,647,557
35	0	0	0	0	0	0	0	40,563
28,902	21	20	63	0	0	39,967	18	1,606,994
15	0	0	0	0	0	501	0	51,164
0	0	0	0	0	0	0	0	16,362
15	0	0	0	0	0	501	0	34,802

Note: Transportation by Korean flags include transportation by BBC/HP

2006								
Districts	Items							
	Flag	가 가 Petroleum Gases and Other Gases	Fertilizers	Product of The Chemical	Plastic, Rubber and Articles Thereof	Leather and Articles Thereof	Woods in the Rough	Wood and Articles of wood
		1,249,175	1,545,168	14,048,880	5,129,302	401,224	92,849	465,448
		534,238	223,752	3,441,658	722,464	45,461	244	136,287
		714,937	1,321,416	10,607,222	4,406,838	355,763	92,605	329,161
		254,150	39,150	1,511,610	153,150	2,867	393	29,560
		110,210	6,618	696,560	83,973	1,858	244	20,660
		143,940	32,532	815,050	69,177	1,009	149	8,900
		872,946	62,594	6,623,662	2,624,833	306,167	99	164,588
		374,970	3,148	2,451,073	523,879	35,474	0	78,317
		497,976	59,446	4,172,589	2,100,954	270,693	99	86,271
		60,400	1,084,689	899,796	194,668	5,090	61,434	32,820
		6,130	157,340	78,283	28,313	272	0	6,868
		54,270	927,349	821,513	166,355	4,818	61,434	25,952
		45,438	17,491	185,904	36,486	10,407	102	35,400
		41,339	1,702	29,384	7,360	3,661	0	9,834
		4,099	15,789	156,520	29,126	6,746	102	25,566
		1,326	12,103	512,995	228,345	32,095	4,941	22,252
		1,241	2,726	10,667	7,452	1,308	0	877
		85	9,377	502,328	220,893	30,787	4,941	21,375
		463	116,813	922,198	458,561	10,696	11,187	51,534
		100	38,545	80,254	31,866	1,376	0	9,129
		363	78,268	841,944	426,695	9,320	11,187	42,405
		161	3,364	321,356	147,862	6,674	6,985	12,775
		0	2,328	7,526	374	36	0	118
		161	1,036	313,830	147,488	6,638	6,985	12,657
		11,371	161,399	2,107,517	742,311	19,605	5,707	90,883
		248	11,345	82,274	38,897	1,433	0	10,484
		11,123	150,054	2,025,243	703,414	18,172	5,707	80,399
		2,152	26,459	227,389	156,793	1,648	41	6,521
		0	0	0	230	0	0	0
		2,152	26,459	227,389	156,563	1,648	41	6,521
		170	3,353	246,364	231,163	542	1,676	6,232
		0	0	0	0	0	0	0
		170	3,353	246,364	231,163	542	1,676	6,232
		598	17,753	484,768	154,866	5,433	284	12,053
		0	0	340	120	43	0	0
		598	17,753	484,428	154,746	5,390	284	12,053
		0	0	5,321	264	0	0	830
		0	0	5,297	0	0	0	0
		0	0	24	264	0	0	830

3. Export and Import Cargo Transportation by Region (2-2)

Unit: R/T

Export								
Textiles and Textile Articles	Scrap	Iron Steel Machinery and Thereof	Base Metal and Articles Thereof	Machinery and Mechanical Appliances	Electrical and Articles Thereof	Vehicles and Parts thereof	Aircraft, Ships and Floating Structures	Others
37,051,948	148,060	17,987,729	1,233,829	10,528,667	5,587,115	31,276,692	2,735,752	18,232,139
9,929,521	55,036	5,326,301	198,294	2,221,837	246,729	1,304,736	79,773	2,520,444
27,122,427	93,024	12,661,428	1,035,535	8,306,830	5,340,386	29,971,956	2,655,979	15,711,695
3,108,221	58,498	2,498,645	208,974	1,551,061	73,673	645,532	7,381	1,306,787
2,044,361	33,329	1,926,054	35,597	1,034,142	35,903	55,907	1,986	526,606
1,063,860	25,169	572,591	173,377	516,919	37,770	589,625	5,395	780,181
16,371,205	45,470	4,462,413	423,845	2,990,677	1,070,732	3,353,471	1,120,394	5,100,188
5,487,804	9,347	1,839,674	125,233	793,058	110,547	278,879	29,139	1,075,990
10,883,401	36,123	2,622,739	298,612	2,197,619	960,185	3,074,592	1,091,255	4,024,198
4,972,065	13,880	2,007,875	51,249	683,968	812,105	1,298,089	573,449	2,129,544
1,183,235	4,026	367,292	4,609	121,018	13,428	189,002	4,477	534,626
3,788,830	9,854	1,640,583	46,640	562,950	798,677	1,109,087	568,972	1,594,918
1,565,885	7,725	816,953	18,513	327,079	43,984	15,160	95,251	674,691
248,885	4,842	35,642	1,418	28,230	3,302	1,079	16,254	125,710
1,317,000	2,883	781,311	17,095	298,849	40,682	14,081	78,997	548,981
2,186,191	3,028	1,997,318	102,103	1,422,134	375,553	2,694,918	142,392	1,420,658
167,239	2,105	102,007	14,947	37,838	24,152	15,840	12,689	58,477
2,018,952	923	1,895,311	87,156	1,384,296	351,401	2,679,078	129,703	1,362,181
2,015,185	2,698	941,858	97,123	1,307,788	843,612	9,720,900	395,448	3,351,115
393,871	445	71,731	5,617	144,956	47,703	544,172	7,974	109,768
1,621,314	2,253	870,127	91,506	1,162,832	795,909	9,176,728	387,474	3,241,347
322,718	228	201,716	40,279	358,253	142,659	1,525,180	51,063	836,279
24,102	0	9,342	192	3,041	516	35,154	185	2,728
298,616	228	192,374	40,087	355,212	142,143	1,490,026	50,878	833,551
4,370,115	14,836	3,819,118	217,634	1,204,683	1,523,755	8,334,390	313,545	1,409,643
373,344	942	935,744	10,681	55,923	10,270	176,879	6,473	79,553
3,996,771	13,894	2,883,374	206,953	1,148,760	1,513,485	8,157,511	307,072	1,330,090
832,688	0	554,359	10,787	226,457	325,413	1,409,979	18,386	552,067
2,239	0	21,321	0	3,152	645	6,828	0	0
830,449	0	533,038	10,787	223,305	324,768	1,403,151	18,386	552,067
910,623	149	167,309	16,275	272,549	161,817	1,477,075	4,445	887,275
0	0	0	0	0	0	878	0	0
910,623	149	167,309	16,275	272,549	161,817	1,476,197	4,445	887,275
394,943	672	354,354	46,973	163,703	213,809	800,803	13,216	561,734
4,438	0	7	0	479	263	118	198	6,986
390,505	672	354,347	46,973	163,224	213,546	800,685	13,018	554,748
2,109	876	165,811	74	20,315	3	1,195	782	2,158
3	0	17,487	0	0	0	0	398	0
2,106	876	148,324	74	20,315	3	1,195	384	2,158

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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	2,220,343	710,882	2,931,225	1,913,335	575,823	2,489,158
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
2004	191,466	83,204	274,670	3,807,853	975,899	4,783,752	3,849,139	885,298	4,734,437
2005	157,691	61,693	219,384	3,918,662	1,035,769	4,954,431	4,055,159	956,768	5,011,927
2006	169,105	60,667	229,772	4,085,849	1,089,437	5,175,286	4,233,680	1,031,898	5,265,578
1	27,019	6,485	33,504	319,363	86,384	405,747	336,192	82,898	419,090
2	19,771	5,531	25,302	283,908	81,797	365,705	309,412	76,496	385,908
3	17,838	6,573	24,411	355,681	90,815	446,496	385,721	89,483	475,204
4	12,046	6,584	18,630	345,341	85,572	430,913	364,396	82,125	446,521
5	6,991	4,430	11,421	349,285	89,882	439,167	362,312	84,447	446,759
6	7,747	4,534	12,281	342,575	93,935	436,510	343,103	92,225	435,328
7	5,373	4,403	9,776	348,851	86,685	435,536	349,421	83,589	433,010
8	5,537	4,793	10,330	350,423	91,942	442,365	348,906	74,409	423,315
9	5,676	4,555	10,231	339,090	92,730	431,820	353,314	87,404	440,718
10	10,172	3,892	14,064	340,461	90,391	430,852	363,172	86,328	449,500
11	22,538	3,989	26,527	358,645	98,740	457,385	363,462	97,861	461,323
12	28,397	4,898	33,295	352,226	100,564	452,790	354,269	94,633	448,902

4. Total Container Transportation (Total)

Total									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	(R/T) Cargo (R/T)	Full	Empty	Total
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
13,177	5,834	19,011	4,162,021	1,299,056	5,461,077	107,842,117	6,081,878	1,876,923	7,958,801
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	174,609,641	9,767,607	2,122,191	11,889,798
34,936	18,074	53,010	7,242,665	1,766,877	9,009,542	200,777,679	10,630,652	2,555,219	13,185,871
42,562	16,735	59,297	7,891,020	1,961,136	9,852,156	232,586,824	11,697,552	2,825,586	14,523,138
40,624	17,620	58,244	8,172,136	2,071,850	10,243,986	240,219,413	12,196,926	3,019,534	15,216,460
43,781	20,115	63,896	8,532,415	2,202,117	10,734,532	266,412,109	12,736,260	3,228,636	15,964,896
3,478	1,376	4,854	686,052	177,143	863,195	24,058,091	1,013,069	258,504	1,271,573
2,821	1,112	3,933	615,912	164,936	780,848	19,811,610	918,948	240,046	1,158,994
3,581	1,614	5,195	762,821	188,485	951,306	23,723,440	1,144,084	276,688	1,420,772
3,756	1,373	5,129	725,539	175,654	901,193	22,217,711	1,088,587	256,186	1,344,773
3,661	2,278	5,939	722,249	181,037	903,286	22,909,022	1,085,632	266,100	1,351,732
3,536	1,690	5,226	696,961	192,384	889,345	21,176,356	1,040,732	284,435	1,325,167
3,280	2,219	5,499	706,925	176,896	883,821	21,530,031	1,057,751	261,044	1,318,795
4,297	2,235	6,532	709,163	173,379	882,542	21,500,634	1,060,656	248,158	1,308,814
3,596	1,806	5,402	701,676	186,495	888,171	21,890,196	1,056,639	273,869	1,330,508
3,676	1,270	4,946	717,481	181,881	899,362	22,378,536	1,080,155	267,834	1,347,989
4,160	1,492	5,652	748,805	202,082	950,887	22,779,685	1,106,190	299,804	1,405,994
3,939	1,650	5,589	738,831	201,745	940,576	22,436,797	1,083,817	295,968	1,379,785

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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	642,255	594,010	1,236,265	554,623	415,085	969,708
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
2004	4,901	5,558	10,459	985,696	727,824	1,713,520	794,345	586,836	1,381,181
2005	4,543	5,597	10,140	1,066,819	715,031	1,781,850	858,386	594,006	1,452,392
2006	4,797	4,184	8,981	1,174,673	702,224	1,876,897	956,421	617,602	1,574,023
	2,239	2,142	4,381	323,035	183,245	506,280	240,790	117,264	358,054
	2,558	2,042	4,600	851,638	518,979	1,370,617	715,631	500,338	1,215,969
1	369	443	812	87,729	58,548	146,277	74,972	48,794	123,766
	182	275	457	25,045	16,666	41,711	18,840	9,111	27,951
	187	168	355	62,684	41,882	104,566	56,132	39,683	95,815
2	381	418	799	70,735	61,653	132,388	63,115	49,753	112,868
	183	261	444	20,438	15,250	35,688	15,597	9,396	24,993
	198	157	355	50,297	46,403	96,700	47,518	40,357	87,875
3	431	380	811	102,278	60,508	162,786	85,121	53,616	138,737
	194	240	434	29,049	15,222	44,271	21,572	9,249	30,821
	237	140	377	73,229	45,286	118,515	63,549	44,367	107,916
4	446	334	780	98,750	54,604	153,354	83,261	49,607	132,868
	208	206	414	26,326	14,539	40,865	19,398	8,785	28,183
	238	128	366	72,424	40,065	112,489	63,863	40,822	104,685

4. Total Container Transportation (Arrival(Ocean-going))

Arrival (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
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
4,988	2,642	7,630	1,207,017	1,017,411	2,224,428	30,222,830	1,764,316	1,431,508	3,195,824
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	41,520,964	2,309,031	1,336,450	3,645,481
7,070	7,994	15,064	1,634,179	1,217,759	2,851,938	43,231,277	2,368,148	1,742,073	4,110,221
8,855	7,777	16,632	1,793,797	1,327,995	3,121,792	48,215,197	2,596,813	1,921,672	4,518,485
9,978	6,023	16,001	1,939,726	1,320,657	3,260,383	52,484,002	2,808,413	1,919,254	4,727,667
10,758	3,395	14,153	2,146,649	1,327,405	3,474,054	60,280,672	3,114,263	1,947,045	5,061,308
1,462	629	2,091	567,526	303,280	870,806	14,974,934	793,664	402,022	1,195,686
9,296	2,766	12,062	1,579,123	1,024,125	2,603,248	45,305,738	2,320,599	1,545,023	3,865,622
933	243	1,176	164,003	108,028	272,031	4,555,645	239,958	156,898	396,856
96	69	165	44,163	26,121	70,284	1,188,407	63,030	35,180	98,210
837	174	1,011	119,840	81,907	201,747	3,367,238	176,928	121,718	298,646
865	373	1,238	135,096	112,197	247,293	3,836,391	199,099	162,203	361,302
96	2	98	36,314	24,909	61,223	1,015,586	51,937	34,177	86,114
769	371	1,140	98,782	87,288	186,070	2,820,805	147,162	128,026	275,188
791	251	1,042	188,621	114,755	303,376	5,495,169	274,516	168,492	443,008
76	75	151	50,891	24,786	75,677	1,431,249	72,460	34,009	106,469
715	176	891	137,730	89,969	227,699	4,063,920	202,056	134,483	336,539
895	75	970	183,352	104,620	287,972	5,146,003	267,508	154,145	421,653
51	0	51	45,983	23,530	69,513	1,205,988	65,339	32,211	97,550
844	75	919	137,369	81,090	218,459	3,940,015	202,169	121,934	324,103

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	336	319	655	102,592	59,007	161,599	82,058	47,890	129,948
	156	164	320	29,513	22,705	52,218	26,688	14,372	41,060
	180	155	335	73,079	36,302	109,381	55,370	33,518	88,888
6	384	238	622	97,004	59,755	156,759	76,813	57,000	133,813
	128	126	254	26,278	15,063	41,341	19,477	9,997	29,474
	256	112	368	70,726	44,692	115,418	57,336	47,003	104,339
7	371	235	606	98,463	56,427	154,890	75,548	51,564	127,112
	211	120	331	26,296	16,383	42,679	19,707	9,750	29,457
	160	115	275	72,167	40,044	112,211	55,841	41,814	97,655
8	378	288	666	97,466	59,865	157,331	76,896	44,345	121,241
	198	120	318	26,264	14,815	41,079	18,118	8,787	26,905
	180	168	348	71,202	45,050	116,252	58,778	35,558	94,336
9	442	286	728	101,023	62,008	163,031	80,426	53,466	133,892
	216	113	329	26,150	13,258	39,408	19,774	9,200	28,974
	226	173	399	74,873	48,750	123,623	60,652	44,266	104,918
10	429	322	751	101,448	53,977	155,425	84,502	51,171	135,673
	166	153	319	28,166	13,568	41,734	21,150	9,684	30,834
	263	169	432	73,282	40,409	113,691	63,352	41,487	104,839
11	395	528	923	106,925	55,876	162,801	84,776	57,970	142,746
	186	192	378	28,213	12,708	40,921	19,761	9,085	28,846
	209	336	545	78,712	43,168	121,880	65,015	48,885	113,900
12	435	393	828	110,260	59,996	170,256	88,933	52,426	141,359
	211	172	383	31,297	13,068	44,365	20,708	9,848	30,556
	224	221	445	78,963	46,928	125,891	68,225	42,578	110,803

4. Total Container Transportation (Arrival(Ocean-going))

Arrival (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
966	344	1,310	185,952	107,560	293,512	5,228,684	269,052	155,714	424,766
211	160	371	56,568	37,401	93,969	1,348,130	68,122	33,660	101,782
755	184	939	129,384	70,159	199,543	3,880,554	200,930	122,054	322,984
997	307	1,304	175,198	117,300	292,498	4,798,127	253,201	174,553	427,754
127	30	157	46,010	25,216	71,226	1,207,059	65,580	35,187	100,767
870	277	1,147	129,188	92,084	221,272	3,591,068	187,621	139,366	326,987
915	420	1,335	175,297	108,646	283,943	4,747,309	251,803	160,607	412,410
79	42	121	46,293	26,295	72,588	1,206,412	65,991	36,036	102,027
836	378	1,214	129,004	82,351	211,355	3,540,897	185,812	124,571	310,383
1,071	215	1,286	175,811	104,713	280,524	4,779,290	253,856	149,159	403,015
140	35	175	44,720	23,757	68,477	1,155,224	62,891	32,528	95,419
931	180	1,111	131,091	80,956	212,047	3,624,066	190,965	116,631	307,596
722	287	1,009	182,613	116,047	298,660	5,115,787	263,721	169,723	433,444
140	6	146	46,280	22,577	68,857	1,217,741	66,119	31,728	97,847
582	281	863	136,333	93,470	229,803	3,898,046	197,602	137,995	335,597
887	339	1,226	187,266	105,809	293,075	5,199,641	272,665	157,232	429,897
187	35	222	49,669	23,440	73,109	1,316,789	70,968	33,090	104,058
700	304	1,004	137,597	82,369	219,966	3,882,852	201,697	124,142	325,839
895	142	1,037	192,991	114,516	307,507	5,845,030	278,693	172,396	451,089
124	1	125	48,284	21,986	70,270	1,289,376	68,107	30,975	99,082
771	141	912	144,707	92,530	237,237	4,555,654	210,586	141,421	352,007
821	399	1,220	200,449	113,214	313,663	5,533,596	290,191	165,923	456,114
135	174	309	52,351	23,262	75,613	1,392,973	73,120	33,241	106,361
686	225	911	148,098	89,952	238,050	4,140,623	217,071	132,682	349,753

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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
2004	8,426	2,114	10,540	1,512,495	186,792	1,699,287	1,181,645	208,256	1,389,901
2005	7,787	2,458	10,245	1,517,232	251,608	1,768,840	1,205,973	237,268	1,443,241
2006	6,522	2,140	8,662	1,541,994	326,610	1,868,604	1,265,115	314,617	1,579,732
	3,433	1,196	4,629	404,950	89,608	494,558	259,307	70,626	329,933
	3,089	944	4,033	1,137,044	237,002	1,374,046	1,005,808	243,991	1,249,799
1	670	161	831	119,261	20,903	140,164	95,119	23,810	118,929
	385	80	465	32,854	4,541	37,395	19,916	5,183	25,099
	285	81	366	86,407	16,362	102,769	75,203	18,627	93,830
2	658	142	800	116,055	16,447	132,502	93,748	18,521	112,269
	371	75	446	30,764	5,143	35,907	19,969	4,692	24,661
	287	67	354	85,291	11,304	96,595	73,779	13,829	87,608
3	639	188	827	134,867	25,914	160,781	112,790	27,883	140,673
	343	85	428	35,067	6,408	41,475	23,286	6,327	29,613
	296	103	399	99,800	19,506	119,306	89,504	21,556	111,060
4	560	191	751	131,971	26,385	158,356	108,479	25,133	133,612
	313	100	413	32,515	7,417	39,932	19,667	5,072	24,739
	247	91	338	99,456	18,968	118,424	88,812	20,061	108,873

4. Total Container Transportation (Departure (Ocean-going))

Departure (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
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	64,806,458	3,147,893	562,236	3,710,129
3,397	5,419	8,816	2,450,692	378,926	2,829,618	71,846,303	3,485,242	586,794	4,072,036
3,673	5,945	9,618	2,706,239	403,107	3,109,346	80,827,367	3,888,306	617,715	4,506,021
2,396	8,134	10,530	2,733,388	499,468	3,232,856	80,021,810	3,938,318	745,841	4,684,159
2,315	10,920	13,235	2,815,946	654,287	3,470,233	87,675,215	4,080,666	981,414	5,062,080
531	1,473	2,004	668,221	162,903	831,124	17,079,700	884,502	231,454	1,115,956
1,784	9,447	11,231	2,147,725	491,384	2,639,109	70,595,515	3,196,164	749,960	3,946,124
158	718	876	215,208	45,592	260,800	6,835,724	310,183	70,210	380,393
20	15	35	53,175	9,819	62,994	1,448,831	72,920	14,980	87,900
138	703	841	162,033	35,773	197,806	5,386,893	237,263	55,230	292,493
130	445	575	210,591	35,555	246,146	7,567,707	304,167	54,556	358,723
28	54	82	51,132	9,964	61,096	1,985,801	70,948	14,685	85,633
102	391	493	159,459	25,591	185,050	5,581,906	233,219	39,871	273,090
257	819	1,076	248,553	54,804	303,357	7,951,147	361,337	83,608	444,945
53	116	169	58,749	12,936	71,685	1,553,421	81,927	19,365	101,292
204	703	907	189,804	41,868	231,672	6,397,726	279,410	64,243	343,653
187	902	1,089	241,197	52,611	293,808	7,270,228	349,623	78,767	428,390
26	10	36	52,521	12,599	65,120	1,276,970	72,061	17,633	89,694
161	892	1,053	188,676	40,012	228,688	5,993,258	277,562	61,134	338,696

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	485	175	660	132,801	26,018	158,819	108,400	26,196	134,596
	256	105	361	46,226	6,589	52,815	35,537	6,755	42,292
	229	70	299	86,575	19,429	106,004	72,863	19,441	92,304
6	449	147	596	129,701	29,060	158,761	104,711	25,925	130,636
	213	92	305	33,566	7,397	40,963	20,095	5,310	25,405
	236	55	291	96,135	21,663	117,798	84,616	20,615	105,231
7	426	182	608	133,615	25,009	158,624	106,971	24,895	131,866
	260	107	367	34,161	7,446	41,607	20,432	5,554	25,986
	166	75	241	99,454	17,563	117,017	86,539	19,341	105,880
8	461	198	659	129,707	26,776	156,483	103,547	23,453	127,000
	242	110	352	30,863	7,899	38,762	19,037	5,436	24,473
	219	88	307	98,844	18,877	117,721	84,510	18,017	102,527
9	503	204	707	126,963	28,180	155,143	108,602	28,265	136,867
	245	148	393	30,048	8,364	38,412	19,416	5,683	25,099
	258	56	314	96,915	19,816	116,731	89,186	22,582	111,768
10	535	186	721	124,113	31,260	155,373	107,001	28,184	135,185
	241	86	327	31,632	8,952	40,584	21,287	6,619	27,906
	294	100	394	92,481	22,308	114,789	85,714	21,565	107,279
11	593	189	782	133,069	35,201	168,270	109,685	29,506	139,191
	299	109	408	33,972	9,646	43,618	20,337	6,330	26,667
	294	80	374	99,097	25,555	124,652	89,348	23,176	112,524
12	543	177	720	129,871	35,457	165,328	106,062	32,846	138,908
	265	99	364	33,282	9,806	43,088	20,328	7,665	27,993
	278	78	356	96,589	25,651	122,240	85,734	25,181	110,915

4. Total Container Transportation (Departure (Ocean-going))

Departure (Ocean-going)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
171	1,576	1,747	241,857	53,965	295,822	7,505,283	350,228	82,035	432,263
43	227	270	82,062	13,676	95,738	1,451,500	75,570	17,355	92,925
128	1,349	1,477	159,795	40,289	200,084	6,053,783	274,658	64,680	339,338
223	935	1,158	235,084	56,067	291,151	7,036,366	339,848	83,081	422,929
54	158	212	53,928	12,957	66,885	1,365,225	73,983	18,418	92,401
169	777	946	181,156	43,110	224,266	5,671,141	265,865	64,663	330,528
213	1,210	1,423	241,225	51,296	292,521	7,164,009	348,249	77,611	425,860
43	94	137	54,896	13,201	68,097	1,371,323	75,251	18,818	94,069
170	1,116	1,286	186,329	38,095	224,424	5,792,686	272,998	58,793	331,791
190	1,170	1,360	233,905	51,597	285,502	6,956,696	337,459	76,409	413,868
34	205	239	50,176	13,650	63,826	1,242,843	69,134	19,287	88,421
156	965	1,121	183,729	37,947	221,676	5,713,853	268,325	57,122	325,447
162	1,179	1,341	236,230	57,828	294,058	7,228,448	344,784	87,461	432,245
63	54	117	49,772	14,249	64,021	1,287,357	69,143	19,924	89,067
99	1,125	1,224	186,458	43,579	230,037	5,941,091	275,641	67,537	343,178
199	626	825	231,848	60,256	292,104	7,171,969	338,829	89,126	427,955
42	85	127	53,202	15,742	68,944	1,308,652	74,420	22,423	96,843
157	541	698	178,646	44,514	223,160	5,863,317	264,409	66,703	331,112
192	574	766	243,539	65,470	309,009	7,300,283	353,167	95,594	448,761
51	176	227	54,659	16,261	70,920	1,385,764	74,909	22,754	97,663
141	398	539	188,880	49,209	238,089	5,914,519	278,258	72,840	351,098
233	766	999	236,709	69,246	305,955	7,687,355	342,792	102,956	445,748
74	279	353	53,949	17,849	71,798	1,402,013	74,236	25,812	100,048
159	487	646	182,760	51,397	234,157	6,285,342	268,556	77,144	345,700

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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
2004	178,134	75,532	253,666	32,225	9,034	41,259	74,495	10,712	85,207
2005	145,264	53,638	198,902	30,060	5,945	36,005	58,570	9,379	67,949
2006	157,617	54,302	211,919	14,095	2,967	17,062	18,543	3,396	21,939
	80,466	26,876	107,342	7,405	1,258	8,663	9,486	1,348	10,834
	77,151	27,426	104,577	6,690	1,709	8,399	9,057	2,048	11,105
1	25,964	5,861	31,825	2,419	794	3,213	4,781	583	5,364
	14,740	2,288	17,028	1,184	466	1,650	2,326	337	2,663
	11,224	3,573	14,797	1,235	328	1,563	2,455	246	2,701
2	18,722	4,951	23,673	2,182	179	2,361	4,493	738	5,231
	10,636	1,873	12,509	1,097	126	1,223	2,204	349	2,553
	8,086	3,078	11,164	1,085	53	1,138	2,289	389	2,678
3	16,751	6,005	22,756	3,092	445	3,537	4,326	902	5,228
	9,937	2,028	11,965	1,510	264	1,774	2,169	451	2,620
	6,814	3,977	10,791	1,582	181	1,763	2,157	451	2,608
4	11,025	6,058	17,083	1,468	81	1,549	2,042	246	2,288
	6,845	2,213	9,058	790	12	802	1,047	114	1,161
	4,180	3,845	8,025	678	69	747	995	132	1,127

4. Total Container Transportation (Coastal)

Coastal									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
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
400	225	625	285,254	95,503	380,757	2,171,376	271,204	68,705	339,909
222	2	224	234,116	68,964	303,080	2,204,419	220,347	51,534	271,881
215	276	491	190,470	60,941	251,411	1,908,057	130,487	37,540	168,027
156	213	369	97,513	29,695	127,208	1,266,621	66,967	17,875	84,842
59	63	122	92,957	31,246	124,203	641,436	63,520	19,665	83,185
63	0	63	33,227	7,238	40,465	276,269	25,106	4,891	29,997
63	0	63	18,313	3,091	21,404	150,826	13,349	2,284	15,633
0	0	0	14,914	4,147	19,061	125,443	11,757	2,607	14,364
91	0	91	25,488	5,868	31,356	201,323	20,735	4,131	24,866
72	0	72	14,009	2,348	16,357	100,886	10,986	1,761	12,747
19	0	19	11,479	3,520	14,999	100,437	9,749	2,370	12,119
61	70	131	24,230	7,422	31,652	202,450	20,260	5,410	25,670
21	35	56	13,637	2,778	16,415	104,703	10,866	2,259	13,125
40	35	75	10,593	4,644	15,237	97,747	9,394	3,151	12,545
0	0	0	14,535	6,385	20,920	92,492	11,066	3,603	14,669
0	0	0	8,682	2,339	11,021	52,511	6,307	1,347	7,654
0	0	0	5,853	4,046	9,899	39,981	4,759	2,256	7,015

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	6,160	3,936	10,096	610	189	799	501	307	808
	2,519	2,115	4,634	410	6	416	309	57	366
	3,641	1,821	5,462	200	183	383	192	250	442
6	6,897	4,149	11,046	591	275	866	310	73	383
	3,512	2,384	5,896	275	127	402	165	0	165
	3,385	1,765	5,150	316	148	464	145	73	218
7	4,559	3,986	8,545	571	186	757	242	39	281
	1,085	2,689	3,774	323	4	327	134	16	150
	3,474	1,297	4,771	248	182	430	108	23	131
8	4,686	4,307	8,993	710	233	943	404	66	470
	1,030	2,966	3,996	398	121	519	215	17	232
	3,656	1,341	4,997	312	112	424	189	49	238
9	4,719	4,065	8,784	635	151	786	331	109	440
	1,200	2,586	3,786	313	40	353	205	0	205
	3,519	1,479	4,998	322	111	433	126	109	235
10	9,194	3,384	12,578	499	142	641	278	72	350
	3,834	1,966	5,800	347	32	379	178	0	178
	5,360	1,418	6,778	152	110	262	100	72	172
11	21,534	3,272	24,806	685	212	897	488	198	686
	10,610	1,711	12,321	501	60	561	384	7	391
	10,924	1,561	12,485	184	152	336	104	191	295
12	27,406	4,328	31,734	633	80	713	347	63	410
	14,518	2,057	16,575	257	0	257	150	0	150
	12,888	2,271	15,159	376	80	456	197	63	260

4. Total Container Transportation (Coastal)

Coastal									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
0	0	0	7,271	4,432	11,703	488,441	4,693	2,772	7,465
0	0	0	3,238	2,178	5,416	470,332	2,288	1,178	3,466
0	0	0	4,033	2,254	6,287	18,109	2,405	1,594	3,999
0	84	84	7,798	4,581	12,379	42,873	4,660	2,685	7,345
0	56	56	3,952	2,567	6,519	20,662	2,361	1,445	3,806
0	28	28	3,846	2,014	5,860	22,211	2,299	1,240	3,539
0	26	26	5,372	4,237	9,609	153,025	3,336	2,317	5,653
0	26	26	1,542	2,735	4,277	134,746	1,134	1,440	2,574
0	0	0	3,830	1,502	5,332	18,279	2,202	877	3,079
0	16	16	5,800	4,622	10,422	42,865	3,861	2,555	6,416
0	16	16	1,643	3,120	4,763	20,373	1,343	1,674	3,017
0	0	0	4,157	1,502	5,659	22,492	2,518	881	3,399
0	0	0	5,685	4,325	10,010	42,608	3,657	2,402	6,059
0	0	0	1,718	2,626	4,344	21,672	1,323	1,333	2,656
0	0	0	3,967	1,699	5,666	20,936	2,334	1,069	3,403
0	19	19	9,971	3,617	13,588	58,598	5,653	2,021	7,674
0	19	19	4,359	2,017	6,376	29,993	2,620	1,058	3,678
0	0	0	5,612	1,600	7,212	28,605	3,033	963	3,996
0	28	28	22,707	3,710	26,417	138,623	12,429	2,308	14,737
0	28	28	11,495	1,806	13,301	74,330	6,574	993	7,567
0	0	0	11,212	1,904	13,116	64,293	5,855	1,315	7,170
0	33	33	28,386	4,504	32,890	168,490	15,031	2,445	17,476
0	33	33	14,925	2,090	17,015	85,587	7,816	1,103	8,919
0	0	0	13,461	2,414	15,875	82,903	7,215	1,342	8,557

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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
2004	3	0	3	640,681	26,332	667,013	907,494	41,884	949,378
2005	7	0	7	652,173	33,956	686,129	971,985	60,868	1,032,853
2006	3	21	24	680,072	34,591	714,663	1,001,386	51,232	1,052,618
	0	0	0	129,233	2,259	131,492	164,935	2,564	167,499
	3	21	24	550,839	32,332	583,171	836,451	48,668	885,119
1	0	20	20	57,060	3,162	60,222	85,025	5,849	90,874
	0	0	0	9,905	54	9,959	13,356	14	13,370
	0	20	20	47,155	3,108	50,263	71,669	5,835	77,504
2	0	0	0	45,902	1,920	47,822	71,776	4,289	76,065
	0	0	0	8,149	118	8,267	10,896	296	11,192
	0	0	0	37,753	1,802	39,555	60,880	3,993	64,873
3	0	0	0	58,865	2,387	61,252	93,282	4,020	97,302
	0	0	0	9,913	82	9,995	14,557	77	14,634
	0	0	0	48,952	2,305	51,257	78,725	3,943	82,668
4	0	1	1	56,582	2,785	59,367	84,758	3,881	88,639
	0	0	0	10,640	334	10,974	12,767	154	12,921
	0	1	1	45,942	2,451	48,393	71,991	3,727	75,718

4. Total Container Transportation (T/S (Arrival))

T/S (Arrival)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
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	45,413,246	2,273,257	79,456	2,352,713
11,898	1,182	13,080	1,560,076	69,398	1,629,474	49,695,809	2,482,354	112,752	2,595,106
13,546	1,767	15,313	1,637,711	96,591	1,734,302	52,434,080	2,626,551	159,662	2,786,213
15,280	3,027	18,307	1,696,741	88,871	1,785,612	60,613,418	2,717,151	143,867	2,861,018
1,768	126	1,894	295,936	4,949	300,885	12,039,271	446,105	6,783	452,888
13,512	2,901	16,413	1,400,805	83,922	1,484,727	48,574,147	2,271,046	137,084	2,408,130
1,253	235	1,488	143,338	9,266	152,604	8,057,931	229,924	15,399	245,323
128	0	128	23,389	68	23,457	3,711,129	36,902	82	36,984
1,125	235	1,360	119,949	9,198	129,147	4,346,802	193,022	15,317	208,339
784	128	912	118,462	6,337	124,799	3,960,254	191,213	10,784	201,997
76	0	76	19,121	414	19,535	625,647	30,110	710	30,820
708	128	836	99,341	5,923	105,264	3,334,607	161,103	10,074	171,177
1,247	288	1,535	153,394	6,695	160,089	5,135,524	248,230	11,074	259,304
120	0	120	24,590	159	24,749	785,723	39,295	236	39,531
1,127	288	1,415	128,804	6,536	135,340	4,349,801	208,935	10,838	219,773
1,318	244	1,562	142,658	6,911	149,569	4,920,560	229,059	11,096	240,155
151	0	151	23,558	488	24,046	724,036	36,513	642	37,155
1,167	244	1,411	119,100	6,423	125,523	4,196,524	192,546	10,454	203,000

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	0	0	0	56,441	2,920	59,361	85,329	5,772	91,101
	0	0	0	13,851	311	14,162	20,236	449	20,685
	0	0	0	42,590	2,609	45,199	65,093	5,323	70,416
6	0	0	0	57,690	2,874	60,564	80,262	4,617	84,879
	0	0	0	10,152	81	10,233	12,630	65	12,695
	0	0	0	47,538	2,793	50,331	67,632	4,552	72,184
7	0	0	0	57,906	2,985	60,891	83,699	3,877	87,576
	0	0	0	11,035	130	11,165	14,168	404	14,572
	0	0	0	46,871	2,855	49,726	69,531	3,473	73,004
8	0	0	0	62,035	3,237	65,272	86,022	3,677	89,699
	0	0	0	11,159	362	11,521	14,047	134	14,181
	0	0	0	50,876	2,875	53,751	71,975	3,543	75,518
9	0	0	0	55,717	1,697	57,414	82,653	2,585	85,238
	0	0	0	11,013	216	11,229	13,182	33	13,215
	0	0	0	44,704	1,481	46,185	69,471	2,552	72,023
10	0	0	0	56,506	3,490	59,996	85,192	3,870	89,062
	0	0	0	11,567	207	11,774	14,527	90	14,617
	0	0	0	44,939	3,283	48,222	70,665	3,780	74,445
11	2	0	2	58,309	3,721	62,030	82,752	3,850	86,602
	0	0	0	10,399	284	10,683	11,665	193	11,858
	2	0	2	47,910	3,437	51,347	71,087	3,657	74,744
12	1	0	1	57,059	3,413	60,472	80,636	4,945	85,581
	0	0	0	11,450	80	11,530	12,904	655	13,559
	1	0	1	45,609	3,333	48,942	67,732	4,290	72,022

4. Total Container Transportation (T/S (Arrival))

T/S (Arrival)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
1,279	155	1,434	143,049	8,847	151,896	5,009,051	229,970	14,812	244,782
273	0	273	34,360	760	35,120	816,837	37,990	322	38,312
1,006	155	1,161	108,689	8,087	116,776	4,192,214	191,980	14,490	206,470
1,094	226	1,320	139,046	7,717	146,763	4,683,129	220,668	12,616	233,284
173	0	173	22,955	146	23,101	804,360	35,798	211	36,009
921	226	1,147	116,091	7,571	123,662	3,878,769	184,870	12,405	197,275
1,106	239	1,345	142,711	7,101	149,812	4,764,135	227,787	11,275	239,062
201	44	245	25,404	578	25,982	789,004	39,821	1,037	40,858
905	195	1,100	117,307	6,523	123,830	3,975,131	187,966	10,238	198,204
1,558	460	2,018	149,615	7,374	156,989	4,992,232	237,575	11,626	249,201
115	0	115	25,321	496	25,817	790,751	39,507	630	40,137
1,443	460	1,903	124,294	6,878	131,172	4,201,481	198,068	10,996	209,064
1,368	191	1,559	139,738	4,473	144,211	4,827,744	224,095	7,296	231,391
125	0	125	24,320	249	24,569	744,533	37,656	282	37,938
1,243	191	1,434	115,418	4,224	119,642	4,083,211	186,439	7,014	193,453
1,291	226	1,517	142,989	7,586	150,575	4,954,423	229,790	11,737	241,527
148	3	151	26,242	300	26,542	810,606	40,952	393	41,345
1,143	223	1,366	116,747	7,286	124,033	4,143,817	188,838	11,344	200,182
1,524	285	1,809	142,587	7,856	150,443	4,680,175	227,235	12,061	239,296
94	0	94	22,158	477	22,635	675,932	33,938	670	34,608
1,430	285	1,715	120,429	7,379	127,808	4,004,243	193,297	11,391	204,688
1,458	350	1,808	139,154	8,708	147,862	4,628,260	221,605	14,091	235,696
164	79	243	24,518	814	25,332	760,713	37,623	1,568	39,191
1,294	271	1,565	114,636	7,894	122,530	3,867,547	183,982	12,523	196,505

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
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
2004	2	0	2	636,756	25,917	662,673	891,160	37,610	928,770
2005	90	0	90	652,378	29,229	681,607	960,245	55,247	1,015,492
2006	166	20	186	675,015	23,045	698,060	992,215	45,051	1,037,266
	0	20	20	142,787	2,044	144,831	190,824	3,497	194,321
	166	0	166	532,228	21,001	553,229	801,391	41,554	842,945
1	16	0	16	52,894	2,977	55,871	76,295	3,862	80,157
	0	0	0	12,635	234	12,869	14,387	107	14,494
	16	0	16	40,259	2,743	43,002	61,908	3,755	65,663
2	10	20	30	49,034	1,598	50,632	76,280	3,195	79,475
	0	20	20	9,931	266	10,197	12,712	323	13,035
	10	0	10	39,103	1,332	40,435	63,568	2,872	66,440
3	17	0	17	56,579	1,561	58,140	90,202	3,062	93,264
	0	0	0	12,451	217	12,668	17,333	324	17,657
	17	0	17	44,128	1,344	45,472	72,869	2,738	75,607
4	15	0	15	56,570	1,717	58,287	85,856	3,258	89,114
	0	0	0	10,879	421	11,300	14,950	144	15,094
	15	0	15	45,691	1,296	46,987	70,906	3,114	74,020

4. Total Container Transportation (T/S (Departure))

T/S (Departure)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	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
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	24,994,123	1,951,188	89,412	2,040,600
13,094	2,500	15,594	1,356,823	58,544	1,415,367	37,752,762	2,148,881	97,229	2,246,110
17,736	1,606	19,342	1,545,654	65,133	1,610,787	51,677,075	2,458,875	104,742	2,563,617
14,482	1,694	16,176	1,627,195	86,170	1,713,365	53,075,102	2,603,297	143,243	2,746,540
15,213	2,497	17,710	1,682,609	70,613	1,753,222	55,934,747	2,693,693	118,770	2,812,463
1,910	179	2,089	335,521	5,740	341,261	9,630,240	513,185	8,090	521,275
13,303	2,318	15,621	1,347,088	64,873	1,411,961	46,304,507	2,180,508	110,680	2,291,188
1,071	180	1,251	130,276	7,019	137,295	4,332,522	207,898	11,106	219,004
104	0	104	27,126	341	27,467	792,754	41,642	448	42,090
967	180	1,147	103,150	6,678	109,828	3,539,768	166,256	10,658	176,914
951	166	1,117	126,275	4,979	131,254	4,245,935	203,734	8,372	212,106
103	20	123	22,746	629	23,375	679,539	35,586	967	36,553
848	146	994	103,529	4,350	107,879	3,566,396	168,148	7,405	175,553
1,225	186	1,411	148,023	4,809	152,832	4,939,150	239,741	8,104	247,845
138	0	138	29,922	541	30,463	895,960	47,424	865	48,289
1,087	186	1,273	118,101	4,268	122,369	4,043,190	192,317	7,239	199,556
1,356	152	1,508	143,797	5,127	148,924	4,788,428	231,331	8,575	239,906
150	0	150	25,979	565	26,544	733,220	41,113	709	41,822
1,206	152	1,358	117,818	4,562	122,380	4,055,208	190,218	7,866	198,084

Year & Month	Classification								
	10'			20'			40'		
	Full	Empty	Total	Full	Empty	Total	Full	Empty	Total
5	10	0	10	56,841	1,748	58,589	86,024	4,282	90,306
	0	0	0	15,300	273	15,573	23,854	921	24,775
	10	0	10	41,541	1,475	43,016	62,170	3,361	65,531
6	17	0	17	57,589	1,971	59,560	81,007	4,610	85,617
	0	0	0	11,118	134	11,252	15,104	450	15,554
	17	0	17	46,471	1,837	48,308	65,903	4,160	70,063
7	17	0	17	58,296	2,078	60,374	82,961	3,214	86,175
	0	0	0	12,300	195	12,495	14,865	134	14,999
	17	0	17	45,996	1,883	47,879	68,096	3,080	71,176
8	12	0	12	60,505	1,831	62,336	82,037	2,868	84,905
	0	0	0	13,189	97	13,286	16,909	67	16,976
	12	0	12	47,316	1,734	49,050	65,128	2,801	67,929
9	12	0	12	54,752	694	55,446	81,302	2,979	84,281
	0	0	0	11,093	38	11,131	14,715	476	15,191
	12	0	12	43,659	656	44,315	66,587	2,503	69,090
10	14	0	14	57,895	1,522	59,417	86,199	3,031	89,230
	0	0	0	11,711	34	11,745	16,452	159	16,611
	14	0	14	46,184	1,488	47,672	69,747	2,872	72,619
11	14	0	14	59,657	3,730	63,387	85,761	6,337	92,098
	0	0	0	11,248	43	11,291	15,202	133	15,335
	14	0	14	48,409	3,687	52,096	70,559	6,204	76,763
12	12	0	12	54,403	1,618	56,021	78,291	4,353	82,644
	0	0	0	10,932	92	11,024	14,341	259	14,600
	12	0	12	43,471	1,526	44,997	63,950	4,094	68,044

4. Total Container Transportation (T/S (Departure))

T/S (Departure)									
(other)			(Sub-Total)				T E U		
Full	Empty	Total	Full	Empty	Total	() Cargo (R/T)	Full	Empty	Total
1,245	203	1,448	144,120	6,233	150,353	4,677,563	231,689	10,767	242,456
224	85	309	39,378	1,279	40,657	889,715	47,987	946	48,933
1,021	118	1,139	104,742	4,954	109,696	3,787,848	183,702	9,821	193,523
1,222	138	1,360	139,835	6,719	146,554	4,615,861	222,355	11,500	233,855
175	0	175	26,397	584	26,981	748,568	41,717	1,034	42,751
1,047	138	1,185	113,438	6,135	119,573	3,867,293	180,638	10,466	191,104
1,046	324	1,370	142,320	5,616	147,936	4,701,553	226,576	9,234	235,810
99	30	129	27,264	359	27,623	794,321	42,251	530	42,781
947	294	1,241	115,056	5,257	120,313	3,907,232	184,325	8,704	193,029
1,478	374	1,852	144,032	5,073	149,105	4,729,551	227,905	8,409	236,314
303	0	303	30,401	164	30,565	853,563	47,686	231	47,917
1,175	374	1,549	113,631	4,909	118,540	3,875,988	180,219	8,178	188,397
1,344	149	1,493	137,410	3,822	141,232	4,675,609	220,382	6,987	227,369
175	14	189	25,983	528	26,511	775,027	40,916	1,022	41,938
1,169	135	1,304	111,427	3,294	114,721	3,900,582	179,466	5,965	185,431
1,299	60	1,359	145,407	4,613	150,020	4,993,905	233,218	7,718	240,936
167	0	167	28,330	193	28,523	872,853	44,989	352	45,341
1,132	60	1,192	117,077	4,420	121,497	4,121,052	188,229	7,366	195,595
1,549	463	2,012	146,981	10,530	157,511	4,815,574	234,666	17,445	252,111
148	30	178	26,598	206	26,804	828,358	41,982	376	42,358
1,401	433	1,834	120,383	10,324	130,707	3,987,216	192,684	17,069	209,753
1,427	102	1,529	134,133	6,073	140,206	4,419,096	214,198	10,553	224,751
124	0	124	25,397	351	25,748	766,362	39,892	610	40,502
1,303	102	1,405	108,736	5,722	114,458	3,652,734	174,306	9,943	184,249

4-1. 컨테이너 수송현황(항 별)

구 분		부산 Busan	인천 Incheon	평택·당진 PD	속초 Sokcho	군산 Gunsan	목포 Mokpo
총 계 Total (TEU)	외항입항 Arrival (Ocean-going)	3,429,141	694,650	127,070	3,923	15,904	633
	외항출항 Departure (Ocean-going)	3,374,042	636,790	131,872	3,802	18,063	919
	환적입항 Transshipment (Arrival)	2,620,638	9,980	547	2	4	
	환적출항 Transshipment (Departure)	2,587,093	2,910	476	0	1	
	내 항 Coastal	27,872	32,720	0	0	0	67,175
	계 Total	12,038,786	1,377,050	259,965	7,727	33,972	68,727
공 Empty (TEU)	외항입항 Arrival (Ocean-going)	1,395,358	39,163	10,013	814	7,650	510
	외항출항 Departure (Ocean-going)	636,173	260,307	42,444	1,444	2,717	59
	환적입항 Transshipment (Arrival)	125,211	316	0	0	0	
	환적출항 Transshipment (Departure)	105,812	322	28	0	0	
	내 항 Coastal	4,774	4,455	0	0	0	27,159
	계 Total	2,267,328	304,563	52,485	2,258	10,367	27,728
적 Full (TEU)	외항입항 Arrival (Ocean-going)	2,033,783	655,487	117,057	3,109	8,254	123
	외항출항 Departure (Ocean-going)	2,737,869	376,483	89,428	2,358	15,346	860
	환적입항 Transshipment (Arrival)	2,495,427	9,664	547	2	4	
	환적출항 Transshipment (Departure)	2,481,281	2,588	448	0	1	
	내 항 Coastal	23,098	28,265	0	0	0	40,016
	계 Total	9,771,458	1,072,487	207,480	5,469	23,605	40,999
화 물 Cargo (R/T)	외항입항 Arrival (Ocean-going)	38,666,207	13,680,464	2,560,633	50,380	183,503	1,345
	외항출항 Departure (Ocean-going)	58,407,357	7,880,546	1,832,356	51,468	328,019	17,132
	환적입항 Transshipment (Arrival)	55,744,712	217,497	11,671	54	38	
	환적출항 Transshipment (Departure)	51,385,131	37,678	9,532	0	5	
	내 항 Coastal	282,186	350,711	0	0	0	223,437
	계 Total	204,485,593	22,166,896	4,414,192	101,902	511,565	241,914

4-1. Container Transportation

완도 Wando	여수 Yeosu	광양 Gwangyang	마산 Masan	진해 Jinhae	울산 Ulsan	제주 Jeju	서귀포 Seogwipo	총계 Total
		637,038	15,428	3	137,518			5,061,308
		683,923	17,018		195,651			5,062,080
		227,662	138		1,967			2,860,938
		219,878	50		1,732			2,812,140
14,239	34	1,885				10,307	14,198	168,430
14,239	34	1,770,386	32,634	3	336,868	10,307	14,198	15,964,896
		375,856	6,347	0	111,334			1,947,045
		31,379	3,211		3,680			981,414
		18,203	3		134			143,867
		12,594	3		11			118,770
0	34	1,118				0	0	37,540
0	34	439,150	9,564	0	115,159	0	0	3,228,636
		261,182	9,081	3	26,184			3,114,263
		652,544	13,807		191,971			4,080,666
		209,459	135		1,833			2,717,071
		207,284	47		1,721			2,693,370
14,239	0	767				10,307	14,198	130,890
14,239	0	1,331,236	23,070	3	221,709	10,307	14,198	12,736,260
		4,343,694	167,853	44	626,549			60,280,672
		14,470,484	269,294		4,418,559			87,675,215
		4,607,167	2,313		28,391			60,611,843
		4,468,676	435		26,693			55,928,150
193,203	0	570,610				103,214	192,868	1,916,229
193,203	0	28,460,631	439,895	44	5,100,192	103,214	192,868	266,412,109

5. ()
Coastal Cargo Transportation(Arrival)

Unit: R/T

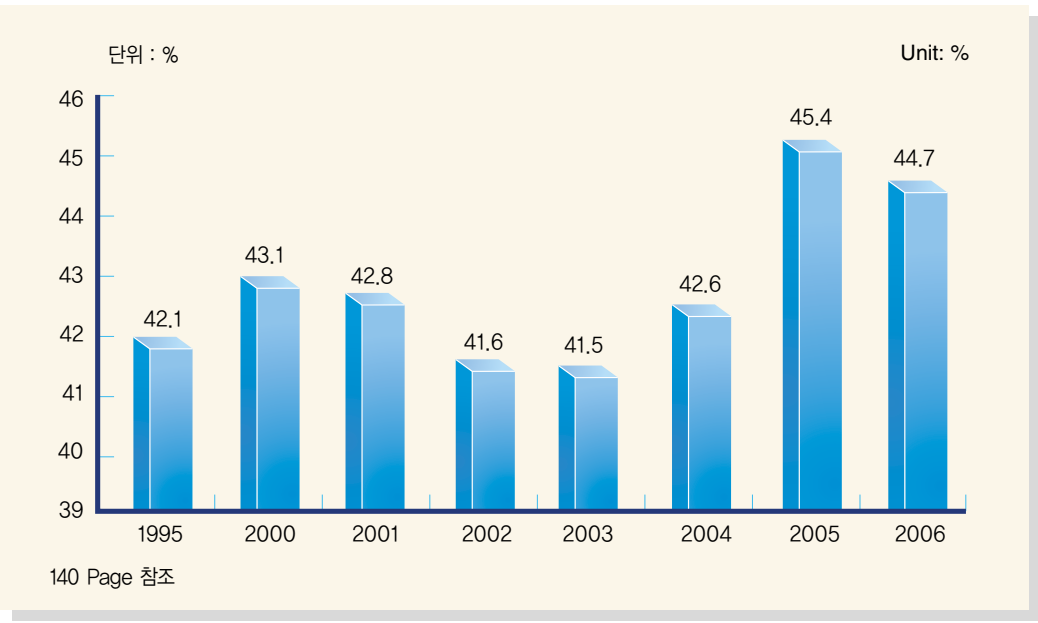
Classifi- cation	Grand Total	Coastal Ship				Coastal Passenger Ship
		Sub-Total	Cargo	Oil & Gas	T/S	
Total	117,804,776	113,560,799	71,984,049	41,246,626	330,124	4,243,977
Busan	10,493,337	10,316,435	4,269,496	6,039,287	7,652	176,902
Incheon	37,448,011	36,670,306	19,806,353	16,571,156	292,797	777,705
PD	6,030,181	6,030,181	4,532,360	1,493,308	4,513	0
Donghae	967,995	967,995	390,316	577,679	0	0
Samcheok	353,711	353,711	332,823	20,888	0	0
Mukho	189,909	189,909	921	188,988	0	0
Sokcho	25,419	25,419	12,011	13,408	0	0
Okgea	773,374	773,374	548,537	224,837	0	0
Daesan	2,103,271	2,103,271	336,882	1,766,389	0	0
Boryeong	248,689	194,691	143,562	51,129	0	53,998
Taeahn	204,253	204,253	156,489	47,764	0	0
Gunsan	3,516,767	3,467,584	1,600,940	1,866,644	0	49,183
Janghang	963,912	963,912	959,757	4,155	0	0
Mokpo	5,157,295	3,752,851	2,855,053	896,798	1,000	1,404,444
Wando	1,153,358	213,966	196,075	17,391	500	939,392
Yeosu	1,009,536	814,623	436,613	376,977	1,033	194,913
Gwangyang	10,061,691	10,061,691	8,156,608	1,898,904	6,179	0
Pohang	6,948,244	6,934,040	6,180,009	753,762	269	14,204
Masan	4,880,092	4,502,080	2,853,588	1,648,492	0	378,012
Samcheonpo	438,294	438,294	307,182	131,112	0	0
Okpo	1,315,459	1,315,459	1,269,705	45,023	731	0
Jinhae	95,068	95,068	50,735	44,333	0	0
Tongyeong	287,790	99,581	25,735	73,756	90	188,209
Gohyeon	1,231,338	1,231,338	1,167,411	63,927	0	0
Ulsan	6,190,608	6,190,608	4,631,398	1,543,850	15,360	0
Jeju	1,789,413	1,722,398	910,538	811,860	0	67,015
Seoguipo	177,038	177,038	112,469	64,569	0	0
Others	13,750,723	13,750,723	9,740,483	4,010,240	0	0



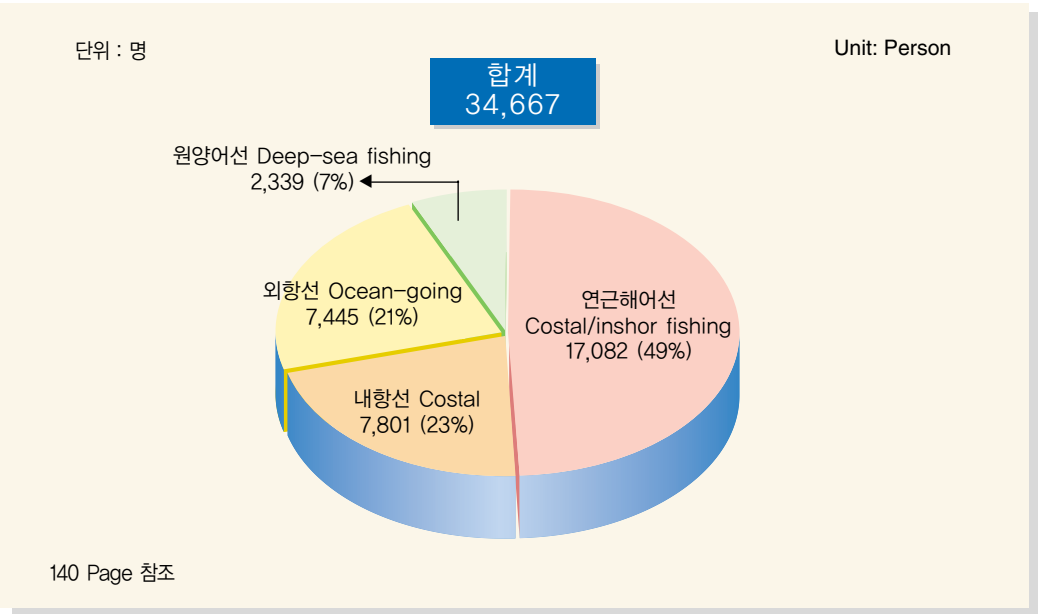
해양산업자원 및 안전

Marine Industrial Resources and
Marine Safety

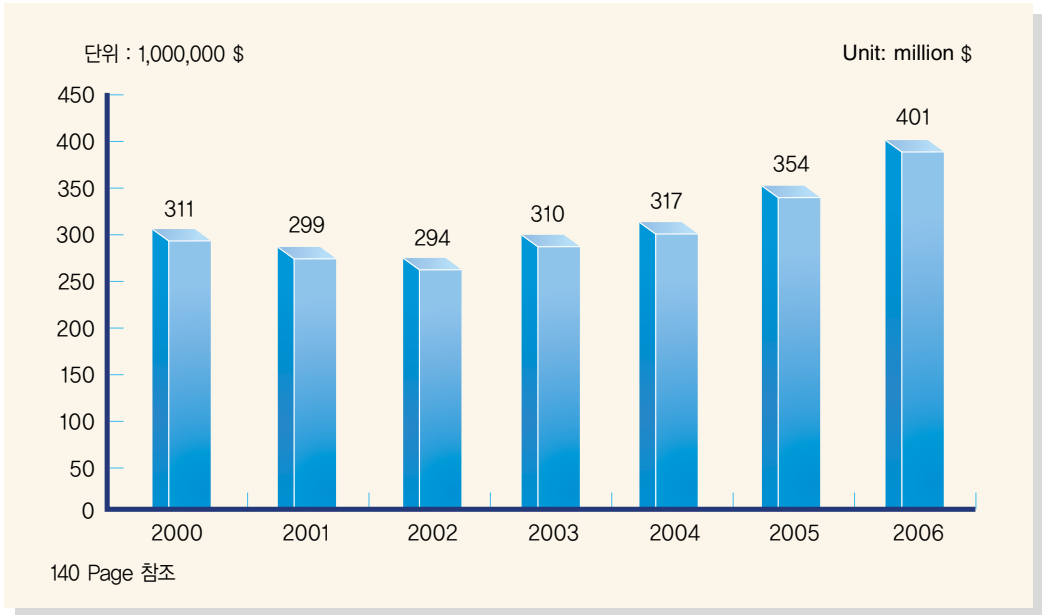
11. 선원취업 현황 Employment of Seafarers



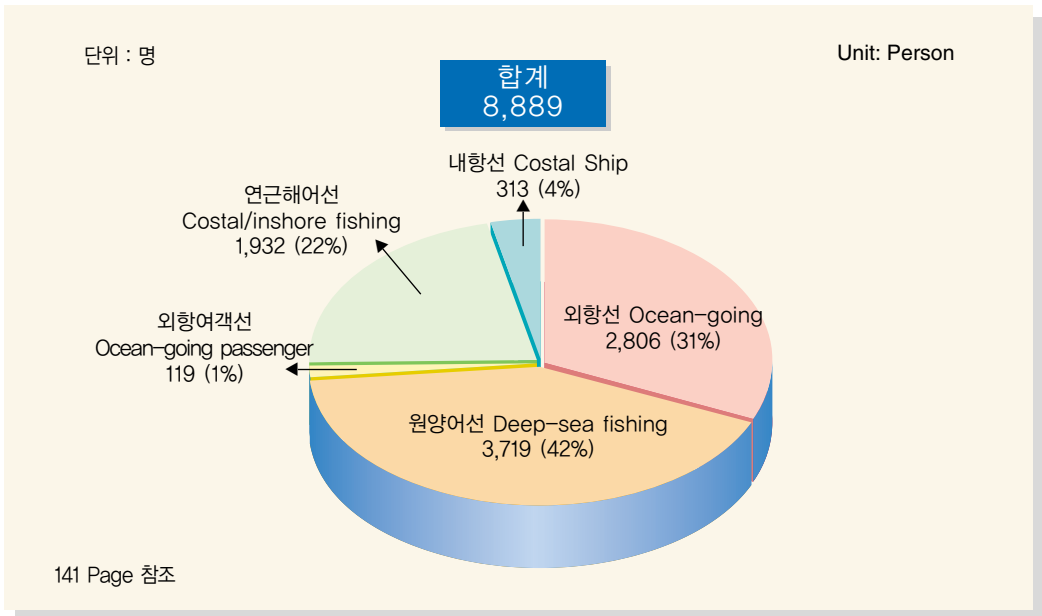
12. 업종별 선원취업현황(승선원+예비원) Employment of Seafarers and Reserved Seafarers by Industry



13. 연도별 해외취업선원 외화가득액 현황 Foreign Exchange Earning of Seafares Employed Overseas



14. 업종별 외국인선원고용 현황(2006) Hiring of Foreign Seafarers by Industry

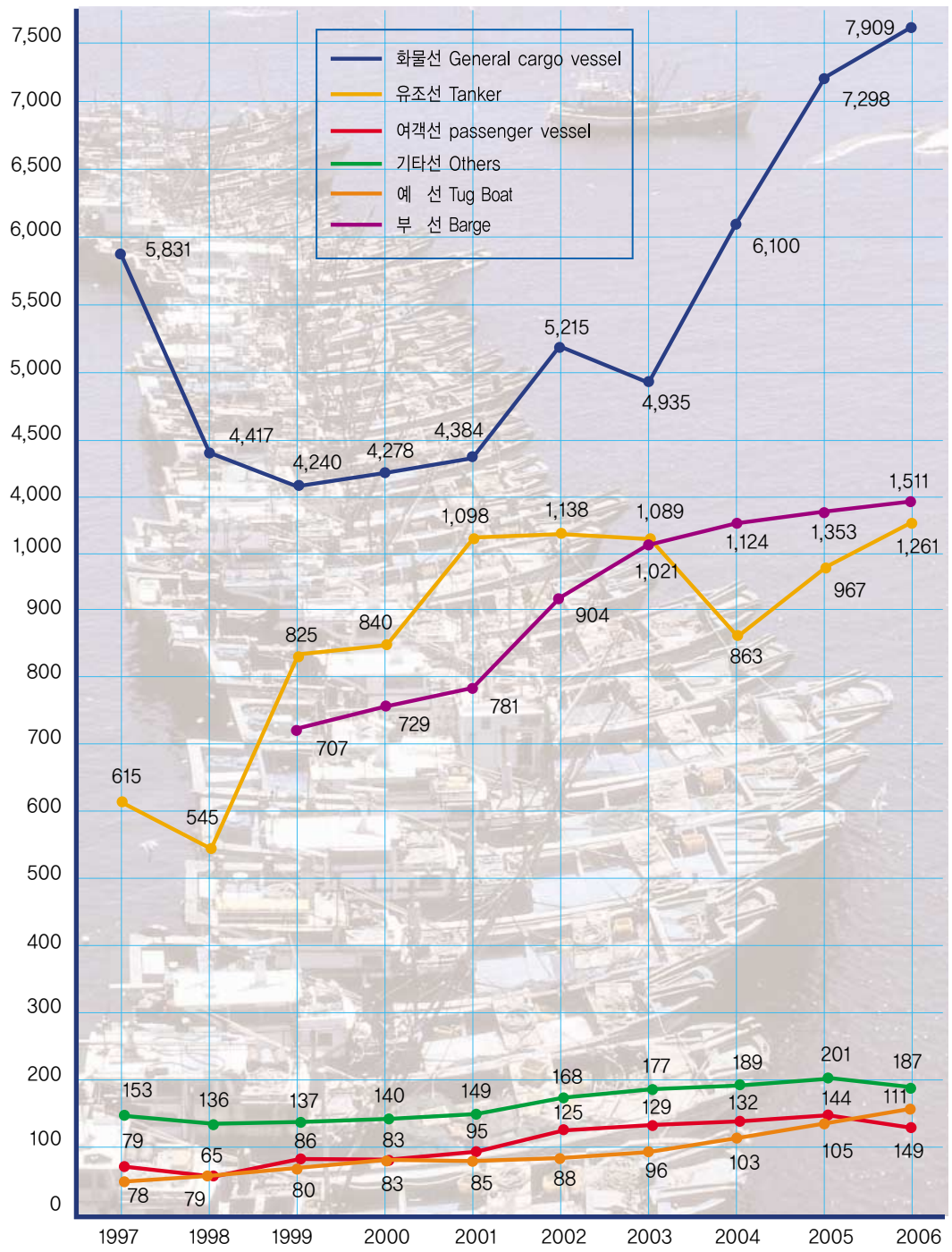


15. 등록선박량 추이

Trends of Registered Ship's Tonnage

단위 : 1,000 G/T

Unit: thousand G/T

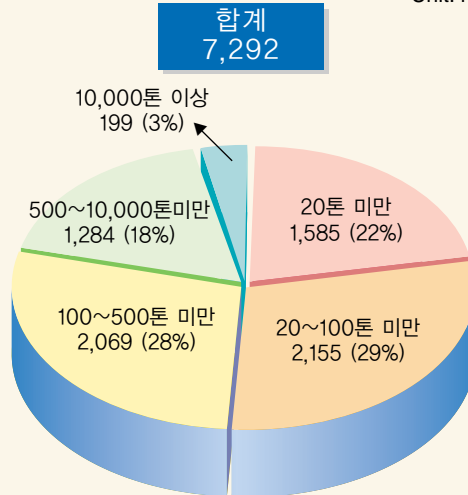


16. 톤급별 등록선박(2006)

Ship Registered by Tonnage

단위 : 척, G/T

Unit: number of Vessel, G/T



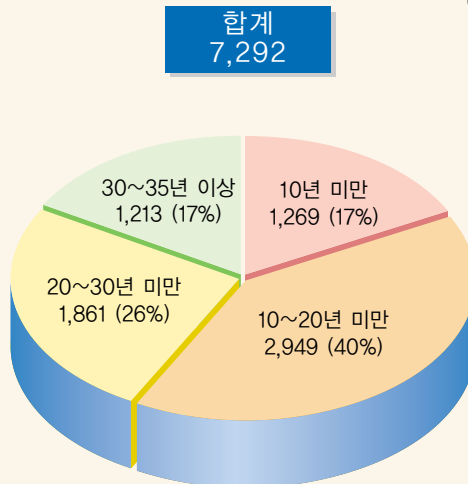
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17. 선령별 등록선박(2006)

Ship Registered by Age

단위 : 척

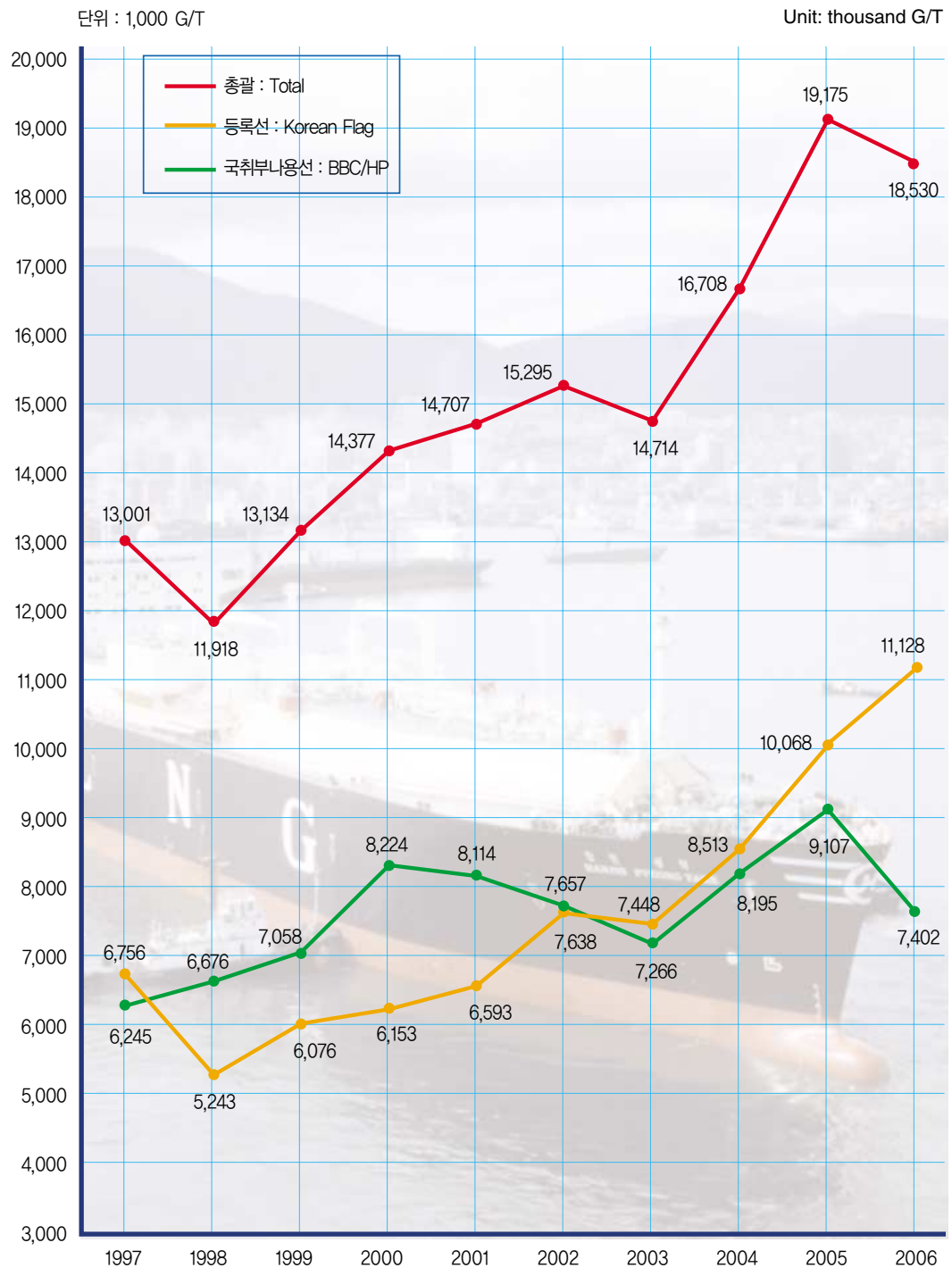
Unit: number of Vessel



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18. 국적선보유현황

Status of Korean Flag Ships

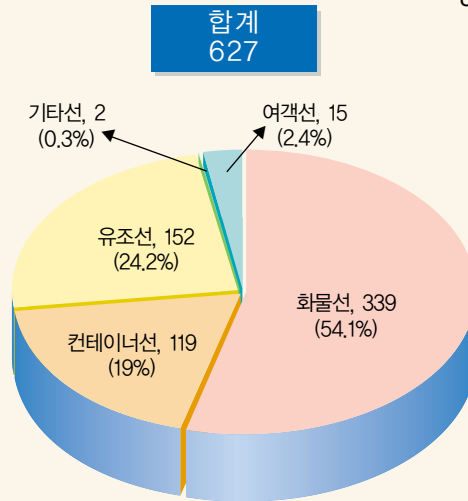


19. 외항선 면허등록선박현황

Ocean-going Vessels Licensed and Registered

단위 : 척

Unit: number of Vessel



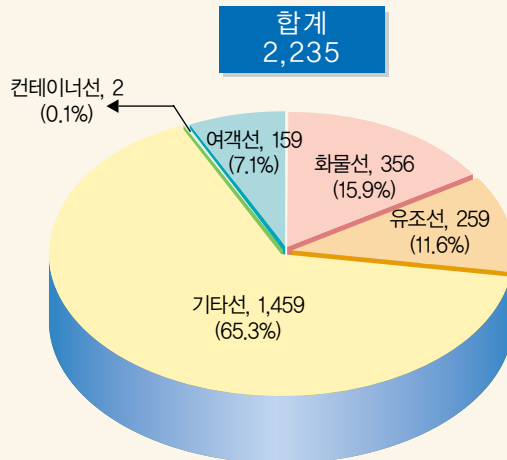
170 Page 참조

20. 연안선 면허등록 선박현황

Coastal Vessels Licensed and Registered

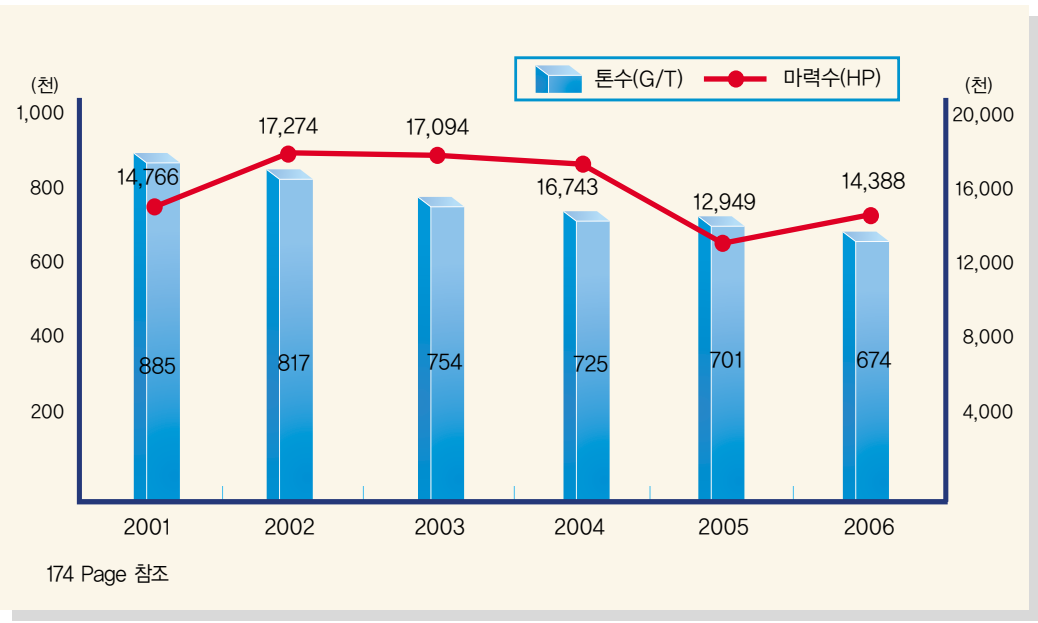
단위 : 척

Unit: number of Vessel

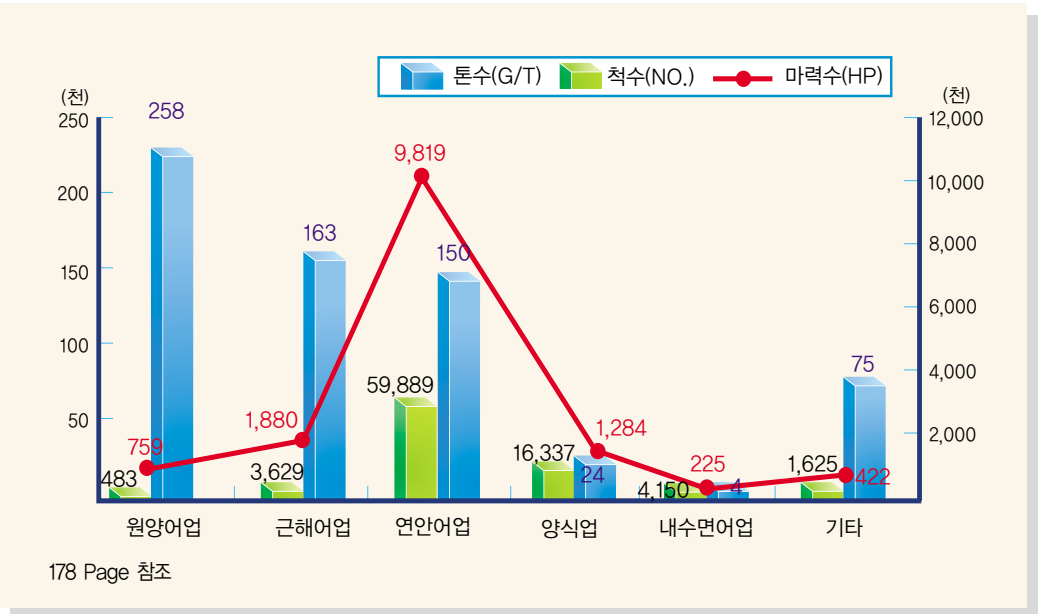


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21. 연도별 어선세력 Fishing Fleet by year



22. 업종별 어선세력(2006) Fishing Fleet by Fishery Type in 2006

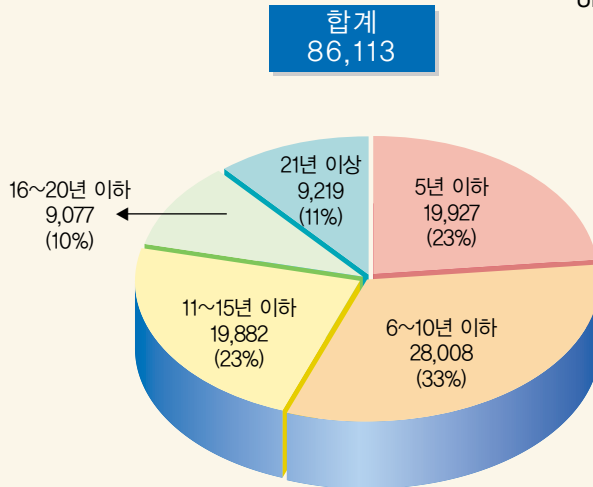


23. 선령별 어선척수(2006)

Number of Fishing Vessels by Age in 2006

단위 : 척

Unit: number of Vessel



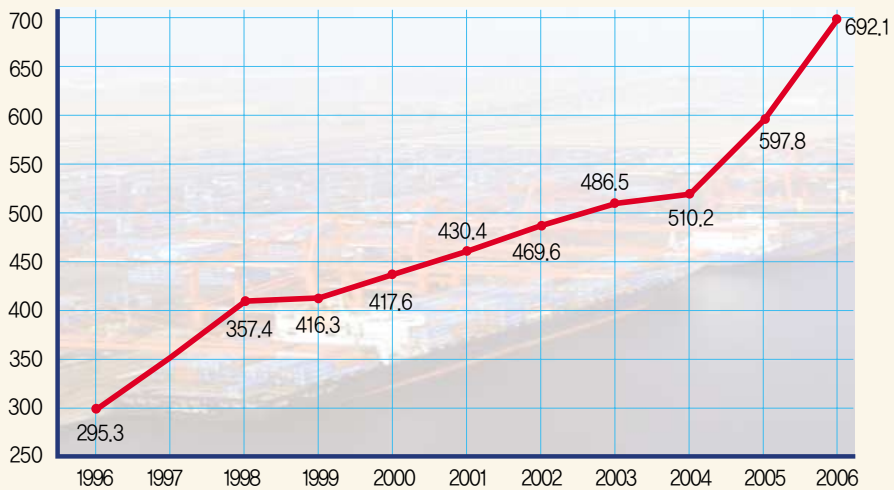
187 Page 참조

24. 항만하역능력

Port Cargo Handling Capacity

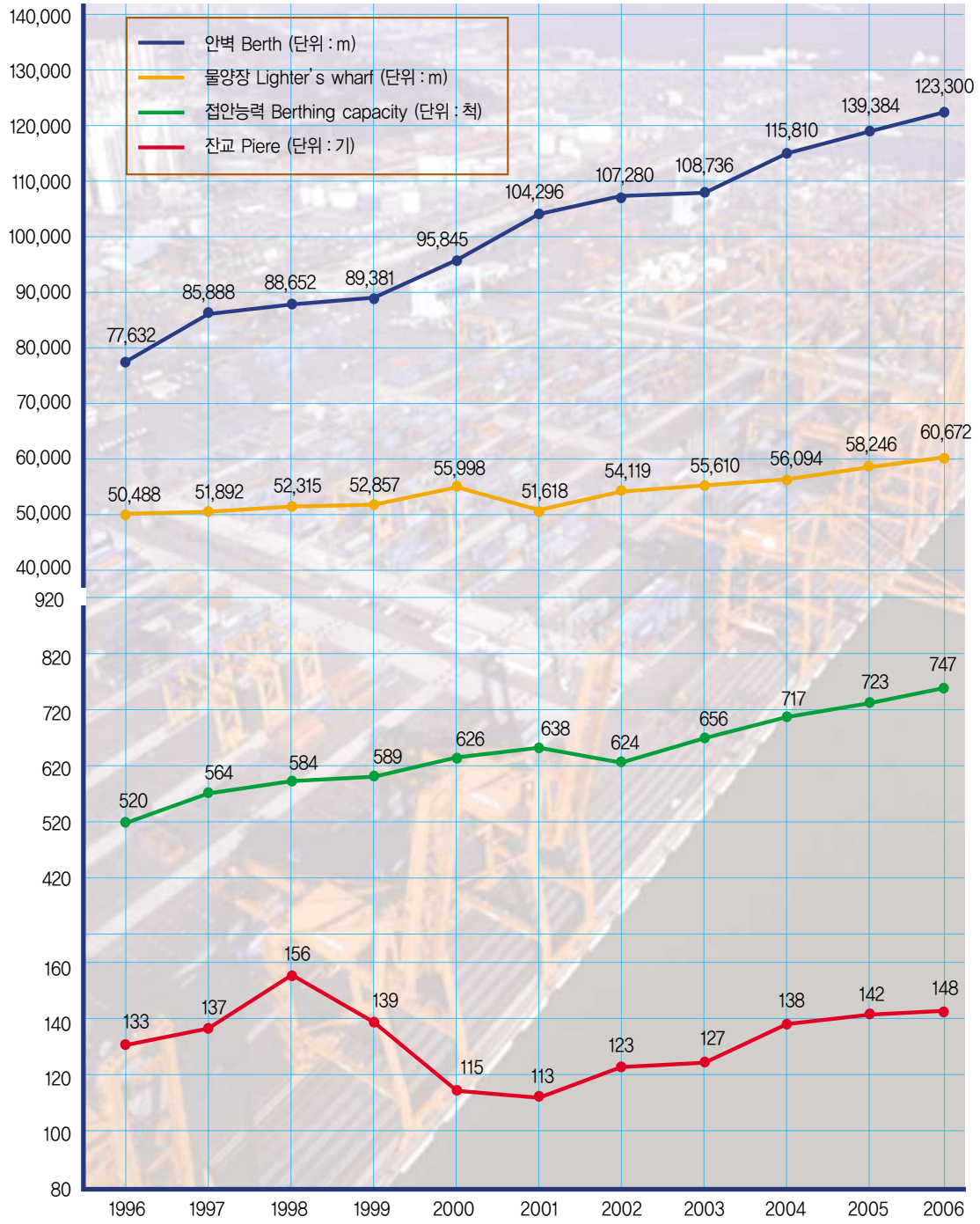
단위 : 1,000,000 M/T

Unit: million M/T



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25. 항만시설현황 Port Facilities



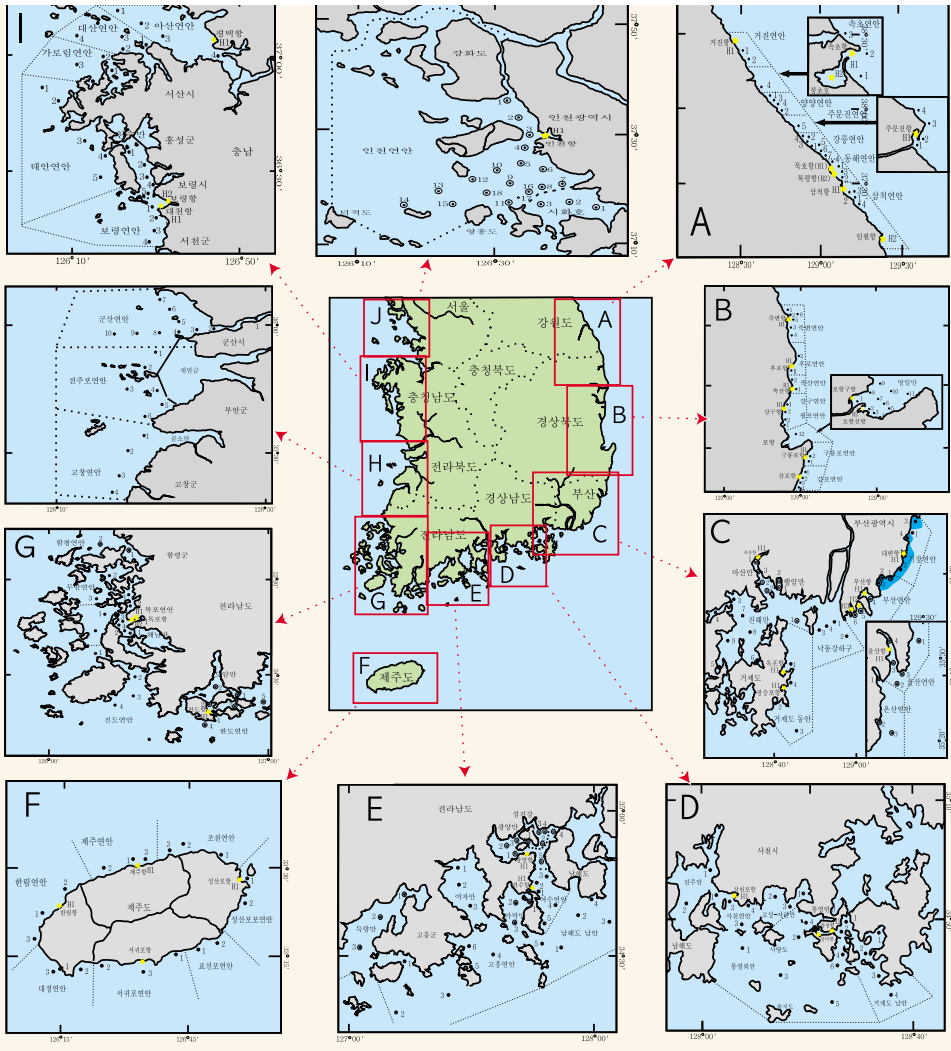
26. 국가어항일람도

Location Map of Designated Fishing Ports



27. 해양수질측정망위치도

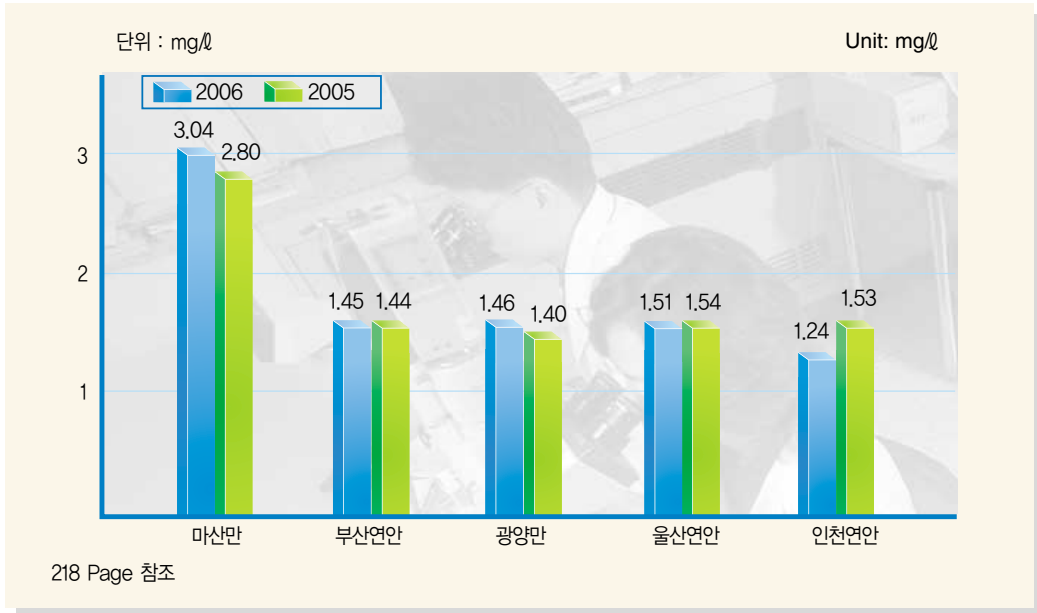
Map of Sea Water Quality Monitoring Sites



- 근거 : 해양오염방지법 제4조의 3
- 측정지점 : 103개연안 323개 지점
 - 서 해 : 20개연안 85개 지점
 - 남 해 : 53개연안 160개 지점
 - 동 해 : 30개연안 78개 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)

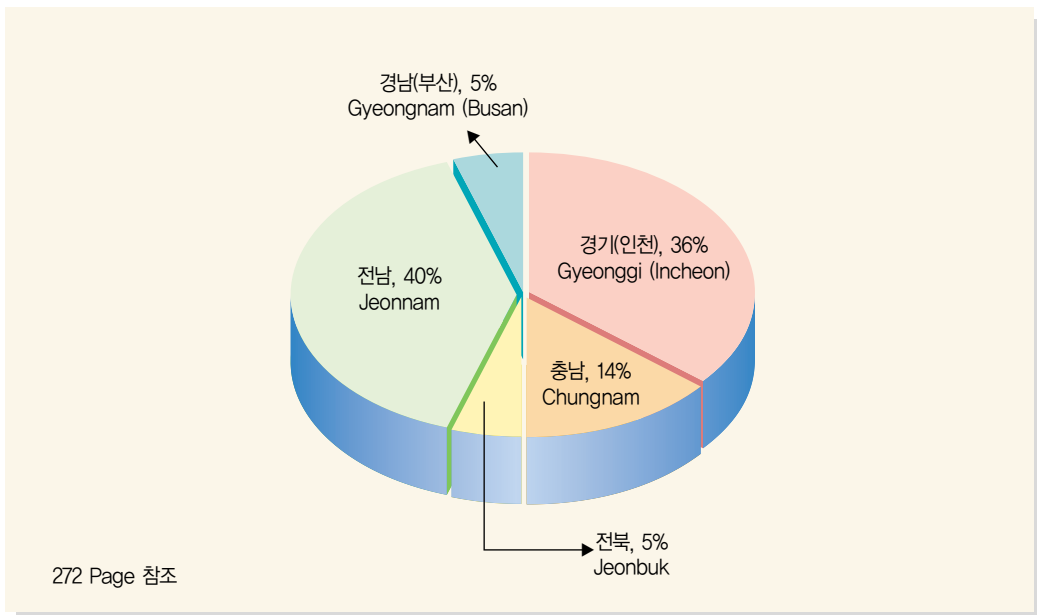
28. 주요 연안의 COD 오염도

Trends of Water Quality (COD) in Major Coastal Areas

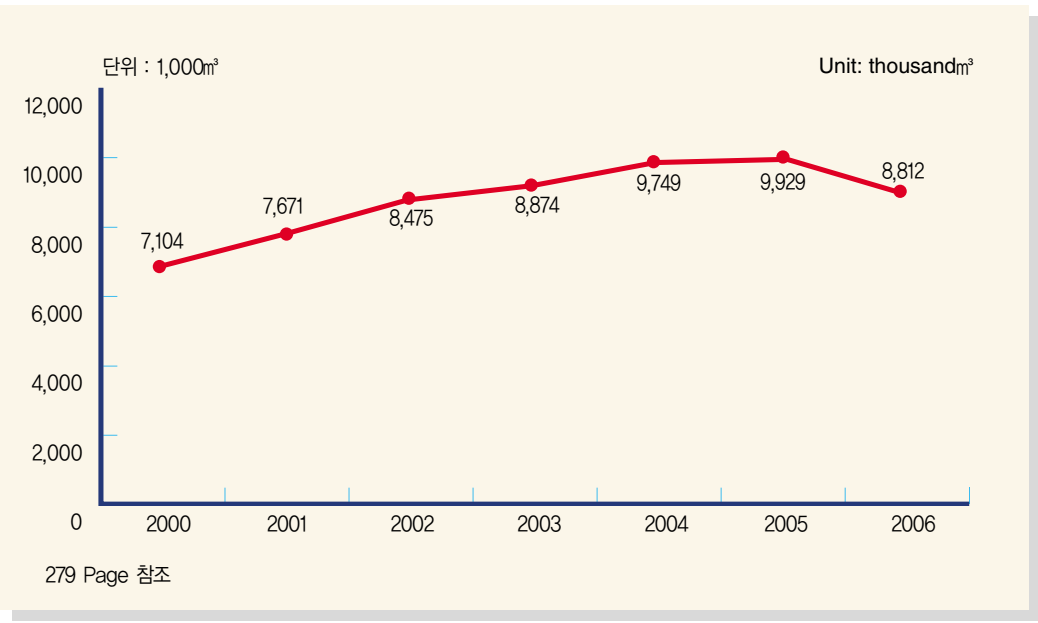


29. 시도별 갯벌 면적

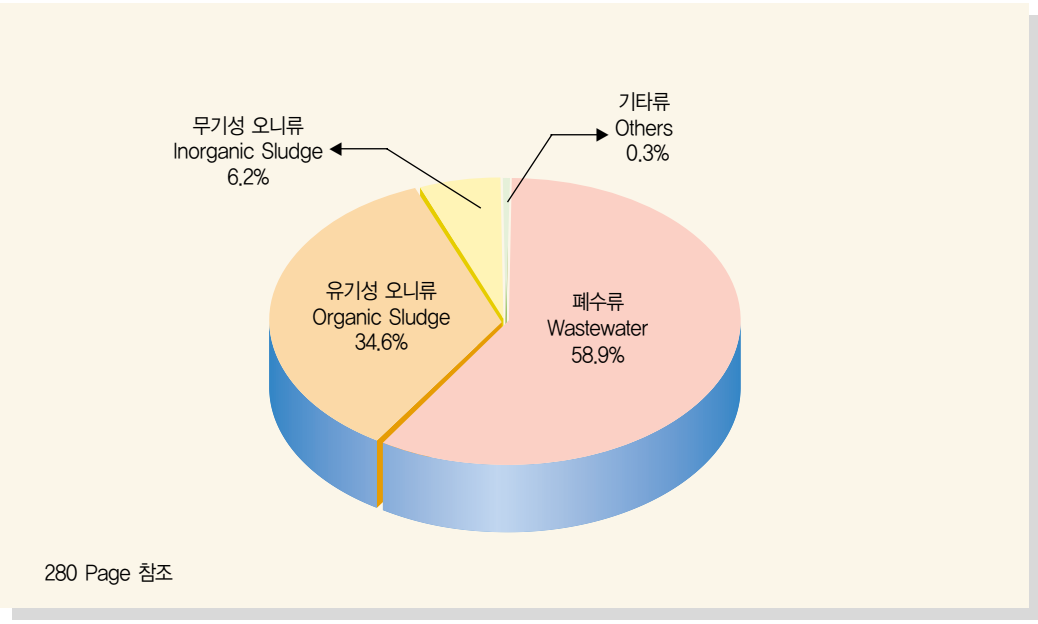
Mud Flat Area by Administrative District



30. 폐기물 해양 배출량 Marine Dumping



31. 폐기물 종류별 해양배출량 Marine Dumping by Waste

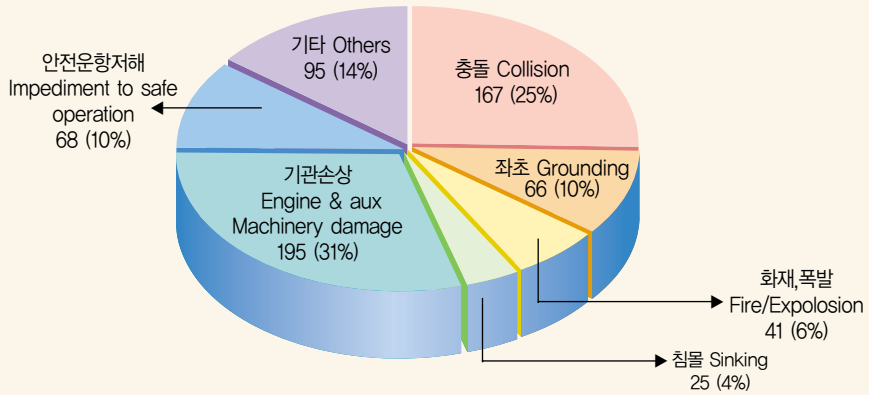


32. 사고유형별 해양사고 Marine Accidents by Accident Type

단위 : 건수

합계
657

Unit: Number



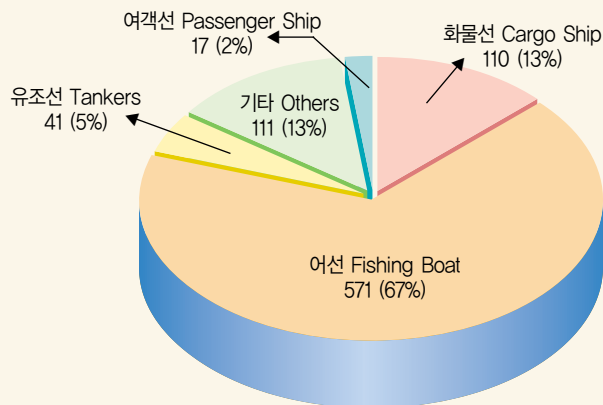
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33. 선종별 해양사고(2006) Marine Accidents by Vessel Type in 2006

단위 : 척

합계
850

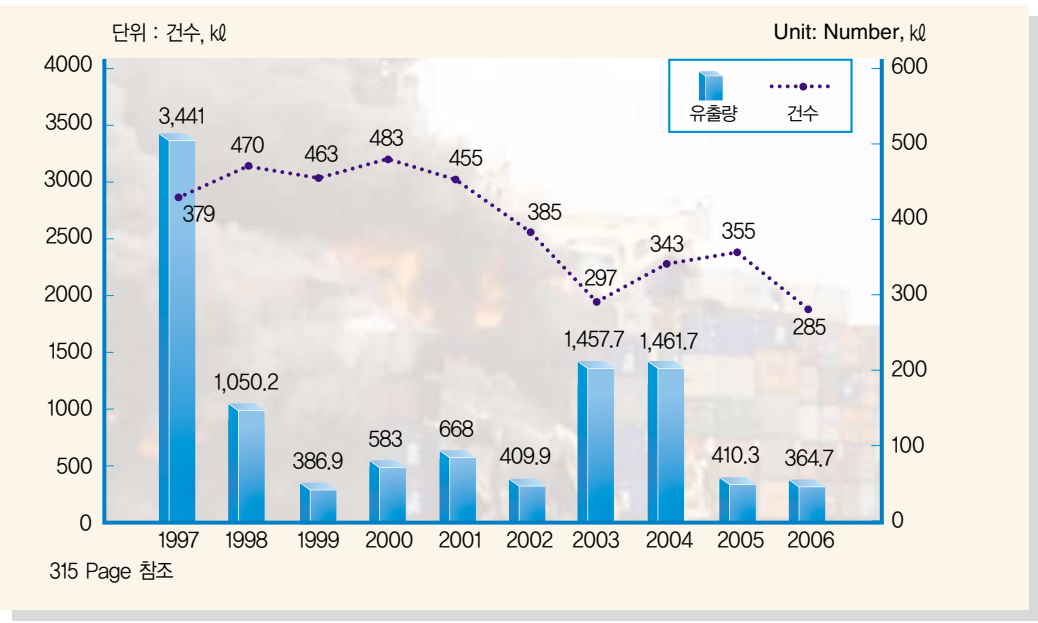
Unit: number of Vessel



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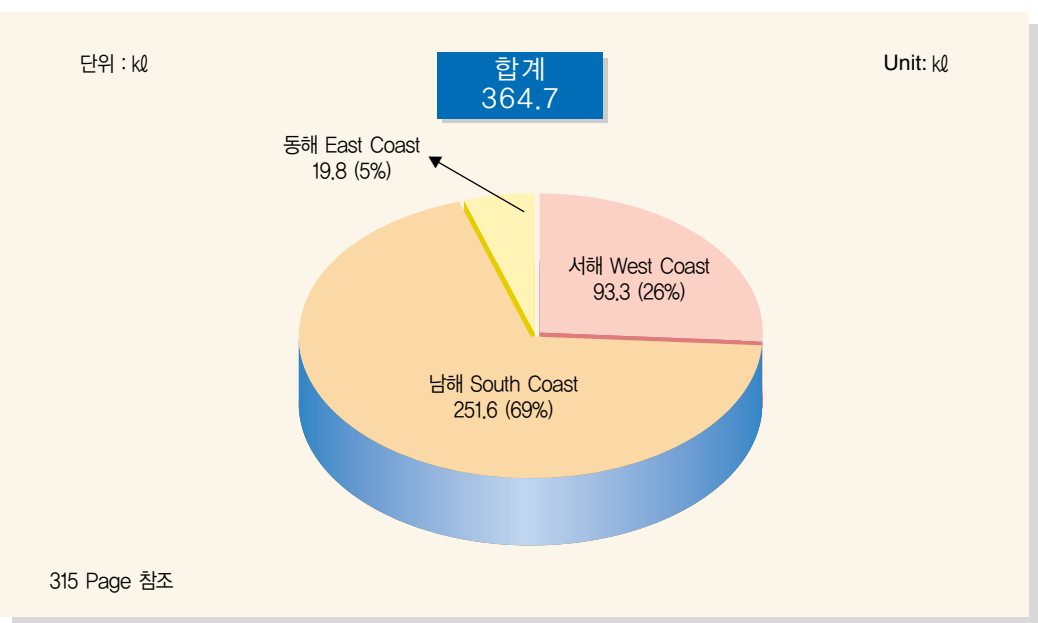
34. 사고에 의한 해양오염발생현황(연도별)

Marine Pollution from Accident by Year



35. 해역별 해양오염발생현황(2006)

Marine Pollution Accident by Area in 2006



I. 한국선원통계

1. 작성 목적

- *선원의 근로기준 설정, 수급정책 및 선원복지정책 수립을 위한 기초자료로 활용

2. 근거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12330호('06. 09. 19)
- *근거법령 : 선원법 제122조의3 제1항 제2호

3. 작성 기간 및 기준시점

- *작성 기간 : 매월 1. 1 ~ 12. 31(1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 매년 4. 30

4. 작성 대상

- *선원현황(업종별 · 톤수별 · 승무경력별 · 연령별 · 학력별 · 출신별 선원현황)
- *선박현황(선종별 · 조업형태별 · 톤수별 · 선령별 · 기관출력별 · 조업구역별 · 국적별 선박척수)
- *선원사고 · 재해보상 및 보험가입현황
- *외국인선원 고용현황

5. 작성 방법

- *각 선사에 근로실태조사 양식 송부 및 취합
- 연근해어선사(관할 지방청 주관), 외항 · 내항 · 원양 · 해외취업 선사(한국선원복지고용센터 주관)

6. 용어 설명

- * 선원 : 임금을 받을 목적으로 배안에서 근로를 제공하기 위하여 고용된 자로서 선장·해원 및 예비원을 말한다.
- * 선장 : 해원을 지휘·감독하며 선박의 운항 관리에 관하여 책임을 지는 해원을 말한다.
- * 직원 : 항해사·기관장·기관사·통신장·통신사·운항장·운항사·어로장·사무장·의사를 말한다.
- * 부원 : 직원이 아닌 해원을 말한다.

7. 작성 절차



I . Korean Seafarers

1.Objectives

To use as basic data for establishing labor standards, manpower supply policy and welfare policy of seafarers

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12330 (September 19, 2006)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: on April 30 of every year

4. Subject

Seafarers (by trade, tonnage, career, age, education, background)
 Vessels (by trade, operation type, tonnage, age, nation, etc.)
 Compensation for accidents/damages and insurance coverage
 Hiring of foreign seafarers

5. Methods

By sending and collecting survey forms to/from shipping companies

6. Survey Items

Seafarer: master, crew and reserved crew who are hired to provide labor services on ship and paid wages in return
 Master: controls and oversees the crew and is responsible for vessel operation and management
 Marine officer: mate, chief engineer, engine officer, chief radio officer, radio operator, chief fisherman, steward, doctor
 General crew: crew members that are not officers.

7. Process

Plan survey on seafarers' work status (MOMAF) → Prepare survey report (shipping companies) → Compile data, draw statistics (Korea Seafarer's Welfare and Employment Center) → Publication (MOMAF)

1. 선원 취업 현황

Employment of Seafarers

단위 : 명

Unit: Person

구 분 Classification	1995	2000	2001	2002	2003	2004	2005	2006
선원수첩소지자 With pocket ledger	150,538	121,031	114,660	107,380	99,850	94,254	88,524	86,824
해기면허소지자 Certificate holders	91,012	82,226	85,524	89,346	90,044	86,886	88,459	95,011
취업률(%) Employment %	42.1	43.1	42.8	41.6	41.5	42.6	45.4	44.7
취업인원수(A+B) Number of employeed	63,372	52,172	49,130	44,709	41,396	40,194	40,176	38,821
국적선사 (A) Korean flag	51,239	45,797	43,431	39,521	36,361	35,518	35,939	34,667
외항선 Ocean-going	7,839	6,666	6,614	6,832	6,495	6,932	7,402	7,445
내항선 Coastal	7,521	8,016	8,112	8,275	8,176	8,068	8,042	7,801
원양어선 Deep-sea fishing	8,298	5,403	5,099	3,891	3,460	2,859	2,535	2,339
연근해어선 Coastal/inshore fishing	27,527	25,712	23,606	20,523	18,230	17,659	17,960	17,082
해외취업선사 (B) Foreign flag	12,133	6,375	5,699	5,188	5,035	4,676	4,237	4,154
해외취업외화 가득액(천불) Foreign currency received (U\$1,000)	398,852	311,373	299,486	294,034	310,705	317,853	354,331	400,532

※ '99. 4월부터 선원수첩 유효기간 연장(1년→5년)

※ Validity period of seafarers' pocket ledger extended (1→5 years) as of April 1999.

2. 외국인 선원 고용 현황

Foreign Exchange Ezrning of Seafarers Employed Overseas

단위 : 명

Unit: Person

구 분	Classification	1991	1992	1994	1997	1998	2000
업종별 Trade	계 Total	58	194	1,250	4,424	5,713	7,639
	외 항 선 Ocean-going	58	194	303	1,139	942	1,245
	내 항 선 Coastal						
	원 양 어 선 Deep-sea fishing			947	2,695	4,117	5,112
	외항여객선 Ocean-going passenger				34	34	668
	연근해어선 Coastal/inshore fishing				556	620	614
	중 국 China	58	194	784	1,381	2,001	2,437
국적별 Nation	인도네시아 Indonesia			186	1,650	1,786	2,632
	베 트 남 Vietnam			274	339	1,004	1,209
	미 양 마 Myanmar				277	276	235
	필 리 핀 Philippines				756	569	1,069
	키르기스스탄 Republic of Kyrgyzstan						
	기 타 Others				21	77	57

구 분	Classification	2001	2002	2003	2004	2005	2006
업종별 Trade	계 Total	6,980	6,970	7,313	7,390	7,960	8,889
	외 항 선 Ocean-going	1,211	1,620	1,822	1,993	2,257	2,806
	내 항 선 Coastal				37	226	313
	원 양 어 선 Deep-sea fishing	5,095	4,063	4,470	4,194	3,756	3,719
	외항여객선 Ocean-going passenger	20	27	30	110	119	119
	연근해어선 Coastal/inshore fishing	744	1,260	991	1,056	1,602	1,932
	중 국 China	2,376	2,770	2,843	2,888	3,029	3,140
국적별 Nation	인도네시아 Indonesia	2,590	2,029	2,153	2,146	2,267	2,434
	베 트 남 Vietnam	1,279	1,143	1,242	1,154	956	1,004
	미 양 마 Myanmar	197	330	357	492	727	1,253
	필 리 핀 Philippines	537	653	646	662	925	1,025
	키르기스스탄 Republic of Kyrgyzstan				18	7	4
	기 타 Others	1	45	72	30	49	29

3. 선원 교육기관 현황

Training Institutions for Seafarers

단위 : 명

Unit: Person

구 분 Classification		정 원 Capacity (2006)				졸 업 후 자격취득 Qualification after graduation
		계 Total	항 해 Mate	기 관 Engine officer	해양경찰 Marine police	
계 Total (19)		2,276	1,146	1,060	70	
해양계 Maritime Affairs	소 계 Sub-Total	1,210	565	605	40	
	한국해양대학교 KOREA Maritime University	400	160	200	40	3급
	목포해양대학교 MOKPO National Maritime University	390	195	195	-	3급
	부산해사고교 BUSAN Maritime High school	240	120	120	-	4급
	인천해사고교 INCHEON National Maritime High School	180	90	90	-	4급
수산계 Fisheries	소 계 Sub-Total	1,016	556	430	30	
	부경대학교 PUKYONG National University	95	65	30	-	3급
	전남대학교 CHONNAM National University	83	27	26	30	"
	제주대학교 CHEJU National University	40	40	-	-	"
	군산대학교 KUNSAN National University	80	40	40	-	"
	경상대학교 GYEONGSAN National University	85	40	45	-	"
	강원전문대학 Kangwon National University	60	30	30	-	"
	인천해양과학고 INCHEON Marine Science High School	140	70	70	-	4급
	충남해양과학고 Chungnam Marine Science High School	62	31	31	-	"
	포항해양과학고 Pohang Marine Science High School	140	70	70	-	"
	완도수산고 Wando Fisheris High School	56	28	28	-	"
	경남해양과학고 Gyeongnam Marine Science High School	50	25	25	-	"
	제주관광해양고 Coyright by JEJU Tourism & Marine High School	25	25	-	-	"
	구룡포종합고 Guryongpo Comprehensive High School	70	35	35	-	"
	울릉종합고 Ulleung Comprehensive High School	30	30	-	-	"
한국해양수산연수원 Korea Institute of Maritime and fisheries Technology	50	25	25	-	3~4급	

Ⅱ. 등록선박통계

1. 작성 목적

*등록된 선박의 제반 사항을 파악하여 선박 수급계획과 해운 행정의 기초자료로 활용

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12311호('75. 07. 29)
- *관련법령 : 선박법 8조, 18조, 22조
동법시행규칙 10조, 21조, 23조

3. 작성 기간 및 기준시점

- *작성 기간 : 작성대상월 익월 15일까지
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양수산통계연보

4. 작성 대상

*지방해양수산청에 등록된 모든 선박

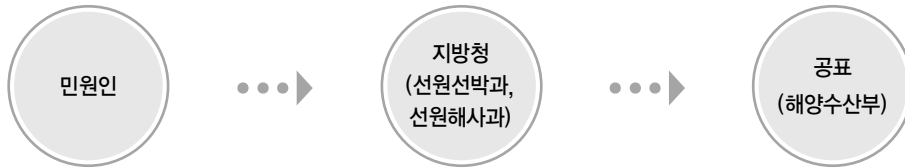
5. 작성 방법

*지방해양수산청에 등록된 선박원부(선적증서원부) 상의 기재사항을 집계

6. 주 요 항 목

*여객선, 화물선, 유조선, 예선 등 선박종류별 선질별현황
톤급별, 선령별, 선박종류별, 선질별 등

7. 작성 절차



II. Vessels Registered

1. Objectives

To clarify status of registered vessels as basic data for planning vessel supply and shipping administration

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12311 (July 29, 1975)

3. Time Reference

Surveyed for a period of time: completed by the 15th of the month following the statistics preparation month
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

All vessels registered at regional offices of MOMAF

5. Methods

By compiling data from Certificates of Registry at regional offices of MOMAF

6. Survey Items

Vessels by type, material (passenger/cargo ships, tankers, tug boats)
 Vessels by tonnage, age, vessel type, and material

7. Procedures

Civil applicant → regional offices (Seafarers and Vessels division, Seafarers and Maritime division) → Publication (MOMAF)

1 . (4-1) Vessels Registered

Classifi- cation	Grand Total													
	Total		Passenger Ship		Cargo Ship		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														
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
2004	6,998	8,512,691	200	132,649	758	6,100,798	680	863,336	1,211	102,612	1,887	1,123,795	2,262	189,501
2005	7,119	10,068,379	205	144,222	797	7,298,218	678	967,245	1,214	104,652	1,917	1,352,977	2,308	201,065
2006	7,292	11,128,156	209	149,456	805	7,908,678	704	1,260,753	1,236	110,784	1,993	1,511,224	2,345	187,261
Busan	2,544	1,158,998	15	8,096	132	260,940	384	161,938	529	40,713	961	612,437	523	74,874
Incheon	1,383	504,947	30	10,892	28	65,423	42	33,743	290	25,698	582	327,662	411	41,529
PD	83	18,495	1	8,091	0	0	3	109	22	3,014	8	6,165	49	1,116
Donghae	106	5,345	2	164	2	135	1	197	9	760	13	2,407	79	1,682
Daesan	207	21,135	12	1,628	9	2,848	2	192	27	2,582	17	8,866	140	5,019
Gunsan	202	38,547	10	1,547	8	10,118	9	1,348	39	3,669	47	19,491	89	2,374
Mokpo	489	122,180	84	34,051	104	26,740	11	496	54	3,342	87	44,242	149	13,309
Yeosu	591	147,458	16	2,585	53	13,957	101	80,480	84	8,490	80	32,733	257	9,213
Pohang	198	105,745	8	13,060	21	26,304	7	1,417	41	5,176	42	58,000	79	1,788
Masan	619	291,358	19	2,905	40	9,661	23	880	61	6,976	99	257,766	377	13,170
Ulsan	268	166,991	0	0	8	6,129	26	26,487	66	8,398	39	111,592	129	14,385
Jeju	602	8,546,957	12	66,437	400	7,486,423	95	953,466	14	1,966	18	29,863	63	8,802

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: Maritime Safety Policy Team

1 . (4-2)
Vessels Registered

Classification	Steel Ship													
	Total		Passenger Ship		Cargo Ship		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														
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
2004	5,837	8,454,504	156	117,379	681	6,074,066	680	863,336	1,200	102,461	1,884	1,123,223	1,236	174,039
2005	5,919	10,008,585	159	127,875	722	7,271,524	678	967,245	1,205	104,543	1,915	1,352,590	1,240	184,808
2006	6,073	11,093,076	160	132,801	737	7,907,192	704	1,260,753	1,227	110,675	1,991	1,510,837	1,254	170,818
Busan	2,350	1,154,852	6	6,046	126	260,829	384	161,938	527	40,698	960	612,221	347	73,120
Incheon	1,231	501,749	23	9,731	26	65,400	42	33,743	286	25,632	582	327,662	272	39,581
PD	51	17,861	1	8,091	0	0	3	109	21	3,002	8	6,165	18	494
Donghae	88	5,113	2	164	2	135	1	197	9	760	13	2,407	61	1,450
Daesan	124	19,620	11	1,488	5	2,762	2	192	27	2,582	17	8,866	62	3,730
Gunsan	159	37,447	9	1,474	4	10,075	9	1,348	39	3,669	46	19,320	52	1,561
Mokpo	349	116,421	70	30,617	66	25,817	11	496	54	3,342	87	44,242	61	11,907
Yeosu	439	144,653	12	1,560	47	13,847	101	80,480	84	8,490	80	32,733	115	7,543
Pohang	150	97,588	1	5,410	21	26,304	7	1,417	40	5,172	42	58,000	39	1,285
Masan	348	285,817	15	2,631	32	9,471	23	880	61	6,976	99	257,766	118	8,093
Ulsan	215	166,280	0	0	8	6,129	26	26,487	66	8,398	39	111,592	76	13,674
Jeju	569	8,545,675	10	65,589	400	7,486,423	95	953,466	13	1,954	18	29,863	33	8,380

1 . (4-4)
Vessels Registered

Classification	Others													
	Total		Passenger Ship		Cargo Ship		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														
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
2004	846	28,882	43	15,233	4	79	0	0	4	37	3	572	792	12,961
2005	896	30,626	44	16,302	4	79	0	0	4	37	2	387	842	13,821
2006	945	31,437	46	16,603	3	50	0	0	4	37	2	387	890	14,360
Busan	109	3,638	9	2,050	0	0	0	0	1	3	1	216	98	1,369
Incheon	110	2,820	5	1,146	0	0	0	0	1	18	0	0	104	1,656
PD	25	554	0	0	0	0	0	0	0	0	0	0	25	554
Donghae	16	214	0	0	0	0	0	0	0	0	0	0	16	214
Daesan	77	1,389	1	140	0	0	0	0	0	0	0	0	76	1,249
Gunsan	35	1,012	1	73	1	9	0	0	0	0	1	171	32	759
Mokpo	89	4,562	14	3,434	0	0	0	0	0	0	0	0	75	1,128
Yeosu	128	2,505	4	1,025	1	5	0	0	0	0	0	0	123	1,475
Pohang	43	8,084	7	7,650	0	0	0	0	1	4	0	0	35	430
Masan	227	4,666	3	237	1	36	0	0	0	0	0	0	223	4,393
Ulsan	53	711	0	0	0	0	0	0	0	0	0	0	53	711
Jeju	33	1,282	2	848	0	0	0	0	1	12	0	0	30	422

2. (4-1)

Vessels Registered by Tonnage

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		7,292	11,128,158	209	149,456	805	7,908,679	704	1,260,752	1,236	110,784	1,993	1,511,225	2,345	187,262
5 Less than 5 tons		378	1,218	0	0	5	21	3	12	2	7	0	0	368	1,178
5~20		1,207	14,773	2	15	31	511	71	1,005	116	1,724	0	0	987	11,518
20~30		787	20,018	1	21	58	1,467	62	1,544	207	5,108	36	874	423	11,004
30~50		580	22,207	9	370	41	1,553	54	2,206	249	9,507	43	1,709	184	6,862
50~100		788	58,029	49	3,821	65	5,059	108	7,657	257	18,703	126	9,447	183	13,342
100~200		910	132,924	63	9,210	18	2,554	122	17,337	284	42,172	317	47,357	106	14,294
200~300		544	135,395	35	9,174	8	2,122	17	4,100	91	21,542	368	92,169	25	6,288
300~500		615	241,771	24	8,807	32	14,329	51	23,859	25	9,155	455	175,037	28	10,584
500~1,000		540	389,386	9	6,046	64	54,123	62	49,436	5	2,866	383	263,572	17	13,343
1,000~2,000		308	451,179	0	0	100	147,396	63	100,215	0	0	138	193,671	7	9,897
2,000~5,000		340	1,138,601	7	25,655	163	565,466	64	217,296	0	0	95	291,375	11	38,809
5,000~10,000		96	662,453	8	58,447	55	383,288	14	86,518	0	0	15	106,629	4	27,571
10,000~20,000		79	1,213,360	2	27,890	59	944,354	5	70,393	0	0	11	148,151	2	22,572
20,000~50,000		65	1,927,715	0	0	56	1,647,926	3	98,555	0	0	6	181,234	0	0
50,000~100,000		39	2,830,439	0	0	37	2,707,167	2	123,272	0	0	0	0	0	0
100,000 More than 100,000 tons		16	1,888,690	0	0	13	1,431,343	3	457,347	0	0	0	0	0	0

2. (4-2)

Vessels Registered by Tonnage

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	6,073	11,093,077	160	132,801	737	7,907,192	704	1,260,752	1,227	110,675	1,991	1,510,838	1,254	170,819
5 Less than 5 tons	66	225	0	0	0	0	3	12	0	0	0	0	63	213
5~20	677	8,754	0	0	10	153	71	1,005	110	1,646	0	0	486	5,950
20~30	541	13,549	0	0	25	674	62	1,544	206	5,084	36	874	212	5,373
30~50	517	19,901	7	284	32	1,238	54	2,206	249	9,507	43	1,709	132	4,957
50~100	769	56,758	44	3,426	65	5,059	108	7,657	257	18,703	126	9,447	169	12,466
100~200	891	130,206	52	7,656	18	2,554	122	17,337	284	42,172	316	47,186	99	13,301
200~300	531	131,901	23	5,896	8	2,122	17	4,100	91	21,542	367	91,953	25	6,288
300~500	603	237,346	12	4,382	32	14,329	51	23,859	25	9,155	455	175,037	28	10,584
500~1,000	537	387,376	7	4,541	64	54,123	62	49,436	5	2,866	383	263,572	16	12,838
1,000~2,000	308	451,179	0	0	100	147,396	63	100,215	0	0	138	193,671	7	9,897
2,000~5,000	338	1,133,225	5	20,279	163	565,466	64	217,296	0	0	95	291,375	11	38,809
5,000~10,000	96	662,453	8	58,447	55	383,288	14	86,518	0	0	15	106,629	4	27,571
10,000~20,000	79	1,213,360	2	27,890	59	944,354	5	70,393	0	0	11	148,151	2	22,572
20,000~50,000	65	1,927,715	0	0	56	1,647,926	3	98,555	0	0	6	181,234	0	0
50,000~100,000	39	2,830,439	0	0	37	2,707,167	2	123,272	0	0	0	0	0	0
100,000 More than 100,000 tons	16	1,888,690	0	0	13	1,431,343	3	457,347	0	0	0	0	0	0

3. () Vessels Registered by Age

: ,G/T

Classification Tonnage	Total	5 Less than 5 Years	5~10	10~15	15~20	20~25	25~30	30~35	35 More than 36 Years
	7,292	533	736	1,552	1,397	894	967	504	709
Total	11,128,157	659,588	893,514	3,919,016	2,691,000	1,963,819	680,785	180,409	140,026
5 Less than 5 tons	378	80	56	78	79	33	27	10	15
5~20	1,207	67	91	232	298	140	187	100	92
20~30	14,772	758	1,034	2,684	3,287	1,749	2,603	1,342	1,315
30~50	787	51	107	137	104	72	132	60	124
50~100	20,019	1,389	2,830	3,569	2,621	1,767	3,320	1,530	2,993
100~200	580	28	43	90	70	55	103	60	131
200~300	22,208	1,063	1,705	3,508	2,676	2,070	3,982	2,391	4,813
300~500	788	43	92	145	112	73	118	69	136
500~1,000	58,028	3,320	6,615	10,946	8,537	5,615	8,245	4,826	9,924
1,000~2,000	910	51	118	197	135	92	118	96	103
2,000~5,000	132,923	7,498	16,738	28,468	20,340	13,867	17,205	13,958	14,849
5,000~10,000	544	40	37	183	130	52	55	26	21
10,000~20,000	135,395	9,744	9,101	47,446	30,690	13,113	13,790	6,405	5,106
20,000~50,000	615	47	69	138	136	85	82	21	37
50,000~100,000	241,771	18,442	26,530	51,825	54,374	35,027	32,590	8,339	14,644
100,000	540	47	34	113	120	95	63	36	32
More than 100,000 tons	389,386	31,328	22,155	80,453	89,776	69,371	44,768	26,987	24,548
Total	308	13	20	82	89	58	27	11	8
Total	451,179	20,702	32,043	119,982	128,923	82,823	39,691	16,345	10,670
Total	340	39	34	81	69	70	32	10	5
Total	1,138,600	114,119	118,446	268,904	248,060	242,170	98,093	31,207	17,601
Total	96	14	16	13	19	21	6	2	5
Total	662,453	106,513	114,743	89,634	117,875	143,607	43,369	13,195	33,517
Total	79	5	12	18	8	24	10	2	0
Total	1,213,360	61,102	202,648	289,265	124,850	355,947	148,425	31,123	0
Total	65	7	3	17	12	18	7	1	0
Total	1,927,715	221,719	93,304	566,375	306,914	492,061	224,619	22,723	0
Total	39	1	4	21	7	6	0	0	0
Total	2,830,439	61,653	245,419	1,456,038	562,801	504,528	0	0	0
Total	16	0	0	7	9	0	0	0	0
Total	1,888,690	0	0	899,683	989,007	0	0	0	0

4. World Fleets by Major Nation(4-1)

컨테이너선(13) Container Ship		여객선(17+18) Passenger Ship		기타화물선(5,6,15,16) Other Cargo Ship		화물선 계 Sub-Total		어선(20+21) Fishing Vessel		기타선(22) Others	
No.	GT	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
-	-	-	-	1	1,498	71	73,415	2	262	2	1,000
-	-	-	-	11	99,108	46	744,369	24	3,051	57	16,679
-	-	-	-	10	6,010	25	17,879	96	36,127	8	2,385
338	4,586,365	-	-	32	174,869	1,055	7,925,389	2	392	29	21,384
1	13,004	5	2,923	5	16,012	65	569,014	423	212,949	77	55,837
14	7,260	70	29,294	48	167,978	169	1,369,179	285	60,570	218	423,047
2	4,154	-	-	-	-	8	34,072	-	-	-	-
-	-	31	11,207	21	112,145	125	431,545	15	10,531	160	250,815
74	1,962,409	121	5,268,694	178	3,478,784	1,239	38,820,170	8	3,515	155	2,007,059
2	96,308	-	-	3	784	19	239,138	7	1,380	140	87,832
6	45,193	6	1,090	17	8,813	225	416,770	49	10,487	54	17,103
-	-	1	4,998	10	143,032	71	533,985	4	508	29	72,722
8	301,961	3	3,143	6	98,463	73	4,142,785	76	17,984	82	151,901
4	16,036	10	4,968	12	72,147	321	1,000,848	87	302,308	117	134,830
-	-	-	-	-	-	-	-	2	308	4	695
-	-	2	585	4	11,579	48	91,536	8	8,400	12	7,515
9	195,108	10	4,619	26	188,125	186	2,053,975	82	14,977	257	211,840
-	-	7	1,038	3	1,174	24	469,708	1	223	38	8,544
6	66,475	2	410	12	93,214	92	856,553	15	10,597	27	8,324
10	38,479	3	1,713	23	70,577	633	1,861,364	114	61,847	35	28,171
-	-	-	-	-	-	7	40,939	50	9,163	9	5,152
2	16,353	50	24,687	110	519,610	270	2,205,113	378	145,845	288	436,806
-	-	2	262	10	11,243	30	22,374	10	6,087	5	1,057
1	16,986	8	9,856	32	240,940	79	706,292	380	203,682	90	25,620
163	3,262,745	146	65,906	202	834,885	2,553	22,381,952	500	191,364	642	915,111
149	5,061,918	104	47,718	82	877,867	1,129	32,663,380	-	-	50	21,472
-	-	-	-	-	-	-	-	1	314	1	2,007
25	475,449	17	3,648	12	67,162	182	2,625,182	303	106,649	143	53,880
-	-	2	434	2	670	42	54,833	54	20,948	48	20,386
1	4,079	4	3,205	15	60,942	173	657,852	18	34,552	61	34,781
-	-	-	-	-	-	-	-	15	2,626	4	954
-	-	1	150	-	-	3	1,653	7	3,133	11	9,136
-	-	1	567	2	1,308	3	1,875	7	1,100	5	638
-	-	-	-	2	382	4	1,171	26	6,986	5	1,079
-	-	45	11,752	71	215,874	197	1,139,747	56	8,890	33	8,559
-	-	3	2,439	4	6,206	20	36,779	37	25,729	11	2,166
152	3,300,125	13	120,647	89	1,566,171	870	18,901,046	30	72,983	71	58,160
-	-	15	5,341	43	108,262	79	249,128	244	120,886	54	31,604
81	4,955,305	4	2,216	89	1,243,411	305	8,008,779	3	764	113	169,208
2	17,660	2	458	4	46,653	24	95,609	120	95,919	10	5,151
-	-	-	-	1	12,252	9	21,826	-	-	2	751
-	-	1	500	-	-	2	1,869	2	240	11	3,051
1	5,234	1	138	7	38,171	63	575,252	8	18,136	29	21,093
-	-	-	-	-	-	6	5,360	-	-	18	4,617
-	-	35	23,305	2	3,420	71	198,988	134	77,661	15	3,867
2	48,146	11	3,356	31	97,638	136	1,020,340	7	3,201	205	118,188
-	-	-	-	-	-	-	-	12	6,338	2	269

4. 세계선박현황(주요국 4-2)

선종별 Kind of Ships	총 계 Grand Total		선종별							
			액화가스선(1+2) Liquefied Gas		유조선(3+4) Tankers		건화물선(7~10,19) Dry Cargo		일반화물선(11+12+14) General Cargo Ship	
	국가별 Flag	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
EQUATORIAL GUINEA	40	29,391	-	-	1	298	-	-	3	2,842
ERITREA	15	21,455	1	1,403	1	2,025	-	-	4	12,714
ESTONIA	138	416,666	-	-	6	7,059	-	-	10	25,230
ETHIOPIA	9	99,912	-	-	-	-	-	-	7	91,741
FIJI	60	31,802	-	-	-	-	-	-	12	3,170
FINLAND	282	1,422,561	2	650	4	171,514	5	54,066	53	126,882
FRANCE	713	1,279,321	3	114,842	11	42,674	5	1,190	44	25,499
FRANCE(FIS)	55	3,103,052	7	334,943	10	1,598,191	-	-	-	-
FRENCH ANTARCTIC TERRITORY	105	1,690,080	3	79,981	6	361,404	2	174,494	1	497
FR,WALLIS & FUTUNA ISLANDS	8	92,346	-	-	-	-	-	-	-	-
GABON	49	13,770	-	-	2	652	-	-	3	816
GAMBIA	15	34,635	-	-	1	3,976	-	-	3	27,000
GEORGIA	386	1,129,311	1	2,314	9	82,204	32	394,731	184	483,273
GERMANY	881	11,364,346	5	90,071	27	286,873	4	165,585	98	268,267
GHANA	224	116,284	-	-	3	2,882	1	199	10	9,101
GREECE	1,455	32,048,052	8	300,327	319	16,518,784	258	10,035,783	124	231,989
GRENADA	11	2,821	-	-	-	-	-	-	3	621
GUATEMALA	10	5,528	-	-	1	298	-	-	-	-
GUINEA	40	18,448	-	-	-	-	-	-	2	808
GUINEA-BISSAU	25	6,627	-	-	-	-	-	-	6	1,294
GUYANA	107	31,391	-	-	5	4,872	-	-	34	19,706
HAITI	5	1,286	-	-	-	-	-	-	4	1,006
HONDURAS	1,072	735,317	3	3,370	107	119,051	27	70,119	275	223,699
ICELAND	271	184,157	-	-	1	372	1	415	4	946
INDIA	1,181	8,381,185	19	327,899	112	4,679,938	100	2,099,520	159	246,520
INDONESIA	4,271	5,287,148	9	26,801	291	1,175,237	84	490,641	1,200	1,792,975
IRAN	475	5,207,276	1	9,496	38	3,169,975	40	997,162	93	482,443
IRAQ	86	142,225	-	-	7	30,308	-	-	11	40,380
IRISH REPUBLIC	238	193,350	-	-	-	-	-	-	21	79,884
ISRAEL	51	763,538	-	-	5	2,125	-	-	2	4,261
ITALY	1,566	12,571,161	36	347,494	79	1,362,375	66	2,220,492	78	305,562
JAMAICA	31	120,953	-	-	1	1,913	5	85,708	2	10,686
JAPAN	6,731	12,798,237	179	2,933,171	672	2,323,052	465	2,578,959	1,442	658,983
JORDAN	32	386,319	-	-	2	138,967	2	32,182	10	96,197
KAZAKHSTAN	59	64,932	-	-	6	36,663	-	-	3	2,074
KENYA	38	17,627	-	-	3	4,708	-	-	1	299
KIRIBATI	14	27,704	-	-	1	496	1	15,836	10	10,236
KOREA (NORTH)	340	1,052,626	-	-	28	57,487	22	167,769	211	670,956
KOREA (SOUTH)	2,820	10,477,118	36	113,063	191	887,581	199	5,853,676	333	803,725
KUWAIT	220	2,156,836	5	218,448	22	1,525,861	5	145,204	7	4,132
LAOS	2	2,853	-	-	-	-	-	-	2	2,853
LATVIA	153	333,275	2	37,006	10	143,445	-	-	10	24,148
LEBANON	65	156,957	-	-	2	842	22	85,502	28	37,854
LIBERIA	1,907	68,405,100	73	2,611,403	430	25,566,818	333	11,789,641	170	2,001,528
LIBYA	139	105,368	3	9,809	4	8,405	-	-	10	43,543
LITHUANIA	132	448,646	-	-	1	1,896	6	59,790	45	187,896
LUXEMBOURG	62	779,871	2	47,471	3	9,197	7	204,993	-	-

4. World Fleets by Major Nation(4-2)

컨테이너선(13) Container Ship		여객선(17+18) Passenger Ship		기타화물선(5,6,15,16) Other Cargo Ship		화물선 계 Sub-Total		어선(20+21) Fishing Vessel		기타선(22) Others	
No.	GT	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
-	-	1	129	2	1,267	7	4,536	31	20,076	2	4,779
-	-	-	-	1	3,922	7	20,064	4	700	4	691
-	-	2	596	31	352,681	49	385,566	53	18,810	36	12,290
-	-	-	-	2	8,171	9	99,912	-	-	-	-
-	-	14	9,052	11	14,995	37	27,217	13	2,424	10	2,161
1	10,288	21	47,794	72	916,516	158	1,327,710	31	7,771	93	87,080
1	16,252	65	25,970	68	823,403	197	1,049,830	328	115,992	188	113,499
13	1,087,842	-	-	7	50,289	37	3,071,265	-	-	18	31,787
11	502,350	3	380	31	408,879	57	1,527,985	8	8,394	40	153,701
-	-	6	32,383	2	59,963	8	92,346	-	-	-	-
-	-	3	849	10	4,529	18	6,846	27	5,796	4	1,128
-	-	1	299	1	1,088	6	32,363	4	928	5	1,344
5	17,298	14	3,359	9	60,212	254	1,043,391	87	63,982	45	21,938
264	9,787,270	83	56,028	55	509,211	536	11,163,305	118	60,278	227	140,763
-	-	-	-	-	-	14	12,182	184	98,257	26	5,845
43	2,329,716	191	174,039	286	2,392,813	1,229	31,983,451	76	16,073	150	48,528
-	-	6	1,970	1	108	10	2,699	1	122	-	-
-	-	-	-	-	-	1	298	5	4,767	4	463
-	-	-	-	1	149	3	957	29	16,178	8	1,313
-	-	-	-	1	120	7	1,414	15	4,724	3	489
-	-	2	772	3	1,968	44	27,318	57	7,943	6	2,130
-	-	-	-	-	-	4	1,006	1	280	-	-
1	1,598	22	10,846	63	107,798	498	536,481	419	133,304	155	65,532
-	-	6	995	3	4,486	15	7,214	248	169,424	8	7,519
9	126,538	38	18,085	31	233,720	468	7,732,220	212	40,717	501	608,248
64	349,412	209	343,491	547	614,664	2,404	4,793,221	369	106,316	1,498	387,611
12	275,113	6	2,262	48	137,384	238	5,073,835	67	28,094	170	105,347
-	-	1	129	-	-	19	70,817	7	2,237	60	69,171
1	5,299	8	1,460	5	22,411	35	109,054	174	70,144	29	14,152
17	748,384	1	270	-	-	25	755,040	-	-	26	8,498
27	973,315	196	1,022,014	435	6,051,970	917	12,283,222	179	49,732	470	238,207
-	-	2	415	2	18,736	12	117,458	9	1,116	10	2,379
16	424,769	260	216,291	913	2,587,495	3,947	11,722,720	1,362	457,104	1,422	618,413
3	26,318	-	-	12	91,767	29	385,431	-	-	3	888
-	-	-	-	1	824	10	39,561	13	7,764	36	17,607
-	-	2	210	8	4,413	14	9,630	11	3,637	13	4,360
-	-	-	-	-	-	12	26,568	2	1,136	-	-
2	17,436	1	479	14	56,261	278	970,388	57	78,501	5	3,737
81	1,224,068	107	33,276	268	932,451	1,215	9,847,840	1,133	435,682	472	193,596
6	214,436	3	642	12	4,496	60	2,113,219	69	9,830	91	33,787
-	-	-	-	-	-	2	2,853	-	-	-	-
-	-	2	329	8	81,063	32	285,991	88	34,121	33	13,163
-	-	-	-	6	29,939	58	154,137	1	131	6	2,689
560	19,479,510	3	5,113	250	5,697,652	1,819	67,151,665	3	24,971	85	1,228,464
-	-	-	-	11	13,096	28	74,853	63	14,787	48	15,728
1	2,926	-	-	7	113,719	60	366,227	56	74,667	16	7,752
6	79,529	4	9,366	23	278,674	45	629,230	-	-	17	150,641

4. 세계선박현황(주요국 4-3)

선종별 Kind of Ships	총 계 Grand Total		선종별							
			액화가스선(1+2) Liquefied Gas		유조선(3+4) Tankers		건화물선(7~10,19) Dry Cargo		일반화물선(11+12+14) General Cargo Ship	
	국가별 Flag	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
MADAGASCAR	103	33,585	-	-	4	4,657	-	-	22	13,358
MALAYSIA	1,101	6,389,000	30	1,847,735	103	1,947,998	18	347,258	163	380,586
MALDIVE ISLANDS	78	99,931	-	-	13	7,034	-	-	42	81,863
MALTA	1,294	24,849,818	13	250,772	143	6,171,073	436	11,908,713	401	2,529,960
MARSHALL ISLANDS	953	32,840,480	24	1,109,194	233	15,983,092	202	6,678,642	66	1,000,143
MAURITANIA	153	51,870	-	-	-	-	-	-	3	667
MAURITIUS	45	68,608	-	-	-	-	2	5,982	5	16,545
MEXICO	753	1,161,875	4	28,964	32	497,049	2	18,605	11	40,196
MICRONESIA	28	11,775	-	-	-	-	2	398	10	6,201
MOLDOVA	8	15,668	-	-	-	-	-	-	8	15,668
MONGOLIA	143	427,152	5	4,582	13	23,476	10	140,966	76	223,857
MONTENEGRO	10	10,519	-	-	-	-	-	-	4	9,458
MOROCCO	513	526,795	-	-	1	4,176	-	-	8	14,544
MOZAMBIQUE	129	36,478	-	-	-	-	-	-	7	5,223
MYANMAR	124	397,263	-	-	5	2,935	7	208,206	35	155,572
NAMIBIA	173	102,901	-	-	-	-	-	-	1	2,265
NETHERLANDS	1,258	5,818,405	12	44,185	18	60,543	35	279,590	383	1,688,835
ARUBA	2	400	-	-	-	-	-	-	-	-
NETHERLANDS ANTILLES	185	1,411,551	2	12,957	3	30,076	18	451,412	95	371,791
NEW ZEALAND	171	206,573	-	-	3	49,615	3	12,456	4	4,811
COOK ISLANDS	81	131,347	-	-	2	3,703	-	-	31	105,725
NICARAGUA	28	5,651	-	-	1	690	-	-	1	498
NIGERIA	350	363,253	3	3,504	45	205,681	1	9,524	19	19,346
NORWAY	1,461	3,417,415	2	1,982	30	1,235,007	6	18,216	194	190,001
NORWAY(NIS)	617	14,804,858	78	2,600,621	56	2,974,213	59	2,570,437	123	1,327,268
OMAN	33	20,333	-	-	-	-	-	-	-	-
PAKISTAN	53	414,620	-	-	6	214,822	1	36,098	10	129,768
PANAMA	7,183	154,964,649	196	5,224,861	602	29,510,636	1,898	66,505,602	1,551	7,686,386
PAPUA NEW GUINEA	118	85,044	-	-	3	1,811	3	6,466	38	50,999
PARAGUAY	43	44,080	-	-	3	2,518	1	1,156	25	29,618
PERU	749	235,273	-	-	3	14,703	-	-	3	25,143
PHILIPPINES	1,840	5,072,004	20	16,466	167	241,480	102	2,547,375	522	871,140
POLAND	355	193,445	-	-	7	5,314	-	-	11	25,370
PORTUGAL	344	186,553	-	-	2	965	2	8,312	17	26,637
PORTUGAL (MAR)	116	1,037,063	8	28,203	7	401,082	9	94,924	26	94,926
QATAR	86	652,280	2	34,833	5	251,694	1	15,071	2	30,910
ROMANIA	193	272,128	-	-	8	30,633	-	-	25	76,565
RUSSIA	3,656	8,045,964	1	624	289	1,219,870	78	739,209	889	2,598,777
SAMOA	10	10,465	-	-	-	-	-	-	1	7,091
SAO TOME & PRINCIPE	34	32,659	-	-	1	652	2	4,453	18	23,515
SAUDI ARABIA	304	1,021,845	-	-	25	153,402	-	-	12	101,404
SENEGAL	183	42,500	-	-	1	274	-	-	2	770
SERBIA & MONTENEGRO	-	-	-	-	-	-	-	-	-	-
SEYCHELLES	47	115,616	-	-	-	-	-	-	3	2,068
SIERRA LEONE	194	293,872	1	3,063	9	39,979	4	7,116	87	160,061
SINGAPORE	2,079	32,173,922	65	1,190,199	449	14,509,674	159	6,501,565	100	1,335,490
SLOVAKIA	54	232,653	-	-	-	-	6	51,751	45	177,482

4. World Fleets by Major Nation(4-3)

컨테이너선(13) Container Ship		여객선(17+18) Passenger Ship		기타화물선(5,6,15,16) Other Cargo Ship		화물선 계 Sub-Total		어선(20+21) Fishing Vessel		기타선(22) Others	
No.	GT	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
-	-	-	-	6	4,350	32	22,365	68	10,588	3	632
48	689,664	87	17,522	107	706,167	556	2,936,930	21	8,502	524	443,568
-	-	4	1,797	7	1,716	66	92,410	9	6,555	3	966
61	1,223,884	20	223,677	177	2,413,412	1,251	24,721,491	6	8,498	37	119,829
155	4,133,009	7	196,049	157	3,084,395	844	32,184,524	6	6,748	103	649,208
-	-	-	-	-	-	3	667	148	50,453	2	750
-	-	-	-	-	-	7	22,527	24	7,793	14	38,288
-	-	14	5,392	29	234,385	92	824,591	337	101,684	324	235,600
-	-	2	766	2	1,753	16	9,118	10	2,363	2	294
-	-	-	-	-	-	8	15,668	-	-	-	-
-	-	-	-	7	25,763	111	418,644	3	1,631	29	6,877
-	-	1	299	3	424	8	10,181	-	-	2	338
8	86,168	3	417	23	262,181	43	367,486	428	140,833	42	18,476
-	-	-	-	-	-	7	5,223	111	25,478	11	5,777
-	-	3	4,942	7	2,187	57	373,842	34	7,234	33	16,187
-	-	-	-	-	-	1	2,265	166	94,972	6	5,664
62	1,340,893	38	868,520	71	823,210	619	5,105,776	340	164,983	299	547,646
-	-	-	-	-	-	-	-	-	-	2	400
18	294,876	4	37,672	16	66,295	156	1,265,079	19	11,292	10	135,180
-	-	19	6,185	10	65,924	39	138,991	91	53,547	41	14,035
-	-	1	273	1	872	35	110,573	37	18,041	9	2,733
-	-	-	-	-	-	2	1,188	23	3,921	3	542
-	-	6	2,171	14	44,022	88	284,248	163	29,906	99	49,099
-	-	105	28,747	280	764,067	617	2,238,020	544	377,459	300	801,936
5	167,198	2	1,102	215	4,879,936	538	14,520,775	9	13,658	70	270,425
-	-	1	10,797	9	1,997	10	12,794	5	2,155	18	5,384
1	18,012	1	113	1	209	20	399,022	5	1,376	28	14,222
681	23,953,237	103	1,927,694	1,067	17,831,206	6,098	152,639,622	333	441,880	752	1,883,147
-	-	8	2,340	26	13,523	78	75,139	18	2,574	22	7,331
1	823	3	1,527	3	5,571	36	41,213	-	-	7	2,867
-	-	-	-	-	-	6	39,846	708	187,673	35	7,754
5	165,744	119	63,518	244	968,412	1,179	4,874,135	511	142,599	150	55,270
-	-	19	6,233	17	41,698	54	78,615	200	78,103	101	36,727
5	26,488	29	14,333	8	6,441	63	83,176	216	79,219	65	24,158
2	11,306	9	93,326	37	293,599	98	1,017,366	-	-	18	19,697
8	184,168	-	-	6	84,490	24	601,166	2	322	60	50,792
-	-	4	2,595	4	50,351	41	160,144	32	46,714	120	65,270
11	114,510	46	45,943	82	311,350	1,396	5,030,283	1,648	2,148,098	612	867,583
-	-	1	170	5	2,750	7	10,011	1	213	2	241
-	-	-	-	2	673	23	29,293	5	1,857	6	1,509
4	149,368	2	579	38	509,488	81	914,241	24	5,212	199	102,392
-	-	1	130	2	822	6	1,996	167	37,862	10	2,642
-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	355	7	70,228	12	72,651	30	41,925	5	1,040
14	2,910	2	5,275	18	49,814	122	268,218	51	16,396	21	9,258
214	4,639,269	59	13,383	225	3,345,862	1,271	31,535,442	3	682	805	637,798
-	-	-	-	1	2,569	52	231,802	-	-	2	851

4. 세계선박현황(주요국 4-4)

선종별 Kind of Ships	총 계 Grand Total		액화가스선(1+2) Liquefied Gas		유조선(3+4) Tankers		건화물선(7~10,19) Dry Cargo		일반화물선(11+12+14) General Cargo Ship		
			No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
	국가별 Flag	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
SLOVENIA	6	1,626	-	-	-	-	-	-	-	-	-
SOLOMON ISLANDS	31	10,193	-	-	-	-	1	140	11	2,174	
SOMALIA	19	10,339	-	-	1	851	-	-	5	4,598	
SOUTH AFRICA	242	173,066	-	-	3	6,102	-	-	1	141	
SPAIN	1,471	1,059,533	3	107,179	9	95,856	1	235	19	10,330	
SPAIN (CSR)	167	1,945,093	7	551,985	10	382,738	9	26,334	17	55,068	
SRI LANKA	81	174,084	1	695	5	7,095	1	7,170	19	113,995	
ST HELENA	2	2,322	-	-	-	-	-	-	-	-	
ST KITTS & NEVIS	136	473,191	-	-	19	91,841	3	67,311	75	260,050	
ST VINCENT & THE GRENADINES	1,064	6,107,004	6	83,579	22	144,802	116	3,059,413	439	2,092,047	
SUDAN	19	25,904	-	-	1	832	1	1,452	3	20,241	
SURINAME	13	5,229	-	-	3	2,031	-	-	5	2,525	
SWEDEN	564	3,876,499	-	-	35	140,431	10	37,453	57	84,843	
SWITZERLAND	29	509,963	-	-	-	-	9	251,801	10	64,306	
SYRIA	151	388,681	-	-	1	1,461	16	54,647	119	320,952	
TANZANIA	52	37,459	-	-	7	7,888	-	-	10	19,757	
THAILAND	789	2,882,703	63	75,783	184	300,001	55	918,540	198	1,128,349	
TOGO	26	18,463	-	-	-	-	-	-	3	4,254	
TONGA	52	79,049	1	4,229	2	1,122	2	12,388	25	49,624	
TRINIDAD & TOBAGO	104	38,835	1	1,332	2	4,006	-	-	1	1,268	
TUNISIA	75	168,095	-	-	-	-	1	17,066	2	2,133	
TURKEY	1,184	4,848,839	8	27,558	106	642,930	101	2,102,007	458	928,709	
TURKMENISTAN	53	53,415	-	-	2	6,156	1	2,613	6	14,490	
TUVALU	131	359,270	-	-	16	68,864	4	53,303	55	141,681	
UKRAINE	655	1,136,490	-	-	26	30,901	6	99,860	193	514,896	
UNITED ARAB EMIRATES	417	870,326	1	3,378	31	271,863	7	89,148	30	32,229	
UNITED KINGDOM	1,598	12,149,988	17	681,724	62	466,802	33	1,184,850	132	560,041	
UK, ANGUILLA	4	805	-	-	-	-	-	-	2	592	
UK, BERMUDA	149	8,413,173	26	2,454,110	16	1,072,375	25	1,851,563	12	135,328	
UK, CAYMAN ISLANDS	157	2,889,842	1	6,356	16	697,496	35	1,029,353	26	319,108	
UK, CHANNEL ISLANDS	7	1,082	-	-	-	-	-	-	1	359	
UK, FALKLAND ISLANDS	29	51,596	-	-	-	-	-	-	-	-	
UK, GIBRALTAR	208	1,297,382	-	-	15	81,218	7	46,678	108	408,067	
UK, ISLE OF MAN	360	8,632,082	32	797,583	72	4,009,548	34	1,672,986	75	380,743	
UK, TURKS & CAICOS ISLANDS	5	975	-	-	-	-	-	-	2	227	
'UK, VIRGIN ISLANDS, BRITISH'	13	16,535	-	-	-	-	-	-	5	1,042	
UNITED STATES OF AMERICA	6,498	11,217,562	-	-	61	2,290,190	67	1,270,127	53	299,170	
UNKNOWN	4,359	3,999,559	23	16,697	293	427,145	112	675,338	898	1,185,286	
URUGUAY	123	97,411	-	-	4	5,799	-	-	5	4,083	
VANUATU	419	1,968,705	2	5,204	1	94,547	30	874,796	15	95,299	
VENEZUELA	321	1,033,955	6	74,347	21	453,119	7	164,313	25	31,483	
VIETNAM	1,191	2,053,813	7	14,913	67	279,474	25	267,291	879	1,144,393	
YEMEN	47	29,169	-	-	1	1,960	-	-	3	1,840	
WORLD TOTALS	94,936	721,855,399	1,283	30,197,856	7,166	182,380,489	7,446	207,092,626	18,057	59,770,206	

주 : 100GT 이상

자료제공 : 한국해양수산개발원(Lloyd's of Shipping, World Fleet Statistics 2006 재가공)

LNG Tanker (1), LPG Tanker (2), CRUDE OIL (3), OIL PRODUCTS (4), CHEMICAL (5), OTHER LIQUIDS (6), BULK DRY (7), BULK DRY/OIL (8), SELF-DISCHARGING BULK DRY (9) OTHER BULK DRY (10), GENERAL CARGO (11), PASSENGER/GENERAL CARGO (12), CONTAINER (13), REFRIGERATED CARGO (14), RORO CARGO (15), PASSENGER/RORO CARGO (16) PASSENGER CRUISE (17), PASSENGER (18), OTHER DRY CARGO (19), FISH CATCHING (20), OTHER FISHING (21), OTHER (22)

4. World Fleets by Major Nation(4-4)

컨테이너선(13) Container Ship		여객선(17+18) Passenger Ship		기타화물선(5,6,15,16) Other Cargo Ship		화물선 계 Sub-Total		어선(20+21) Fishing Vessel		기타선(22) Others	
No.	GT	No.	GT	No.	GT	No.	GT	No.	GT	No.	GT
-	-	-	-	-	-	-	-	2	312	4	1,314
-	-	3	916	4	1,272	19	4,502	12	5,691	-	-
-	-	-	-	-	-	6	5,449	10	4,419	3	471
1	27,103	4	822	-	-	9	34,168	183	104,004	50	34,894
4	45,026	17	5,359	32	236,934	85	500,919	1,123	419,963	263	138,651
22	218,948	12	3,927	66	674,790	143	1,913,790	3	2,697	21	28,606
2	24,531	2	630	4	1,790	34	155,906	15	3,983	32	14,195
-	-	-	-	-	-	-	-	2	2,322	-	-
-	-	1	139	11	39,192	109	458,533	1	619	26	14,039
17	98,432	20	38,009	63	241,955	683	5,758,237	110	111,869	271	236,898
-	-	-	-	1	115	6	22,640	-	-	13	3,264
-	-	-	-	-	-	8	4,556	-	-	5	673
-	-	85	26,627	172	3,481,489	359	3,770,843	96	29,564	109	76,092
6	168,619	-	-	4	25,237	29	509,963	-	-	-	-
1	7,572	-	-	1	1,142	138	385,774	-	-	13	2,907
-	-	11	2,324	5	2,568	33	32,537	9	2,607	10	2,315
21	258,839	19	11,319	51	97,885	591	2,790,716	83	35,027	115	56,960
-	-	-	-	-	-	3	4,254	15	12,468	8	1,741
-	-	-	-	9	6,235	39	73,598	7	3,592	6	1,859
-	-	3	3,478	5	8,051	12	18,135	16	2,110	76	18,590
-	-	5	1,482	20	132,335	28	153,016	21	4,193	26	10,886
26	253,873	122	61,985	162	764,685	983	4,781,747	34	14,163	167	52,929
-	-	1	245	-	-	10	23,504	10	13,247	33	16,664
2	9,128	3	32,494	14	36,094	94	341,564	-	-	37	17,706
3	28,644	52	25,602	17	111,700	297	811,603	120	128,283	238	196,604
6	214,436	5	659	58	100,227	138	711,940	3	3,180	276	155,206
149	5,548,745	40	479,575	208	2,493,943	641	11,415,680	429	173,266	528	561,042
-	-	-	-	-	-	2	592	2	213	-	-
25	782,436	27	1,655,866	9	136,174	140	8,087,852	1	573	8	324,748
-	-	9	3,923	46	724,539	133	2,780,775	-	-	24	109,067
-	-	1	118	-	-	2	477	3	340	2	265
-	-	-	-	1	591	1	591	26	41,245	2	9,760
29	319,636	2	1,460	39	428,718	200	1,285,777	-	-	8	11,605
18	239,239	-	-	69	1,130,682	300	8,230,781	2	520	58	400,781
-	-	-	-	-	-	2	227	1	124	2	624
-	-	3	445	-	-	8	1,487	3	14,581	2	467
76	2,928,347	124	388,380	151	1,791,542	532	8,967,756	3,407	778,596	2,559	1,471,210
12	43,233	150	42,448	170	244,205	1,658	2,634,352	1,940	1,020,839	761	344,368
-	-	3	1,421	11	29,719	23	41,022	82	37,119	18	19,270
1	25,497	2	767	8	265,711	59	1,361,821	95	122,403	265	484,481
2	2,574	7	2,633	19	81,221	87	809,690	98	44,524	136	179,741
7	71,260	12	2,601	10	99,416	1,007	1,879,348	62	17,635	122	156,830
-	-	-	-	2	12,371	6	16,171	13	5,585	28	7,413
3,904	110,714,064	3,489	14,060,056	8,869	83,765,322	50,214	687,980,619	23,911	11,659,397	20,811	22,215,383

5. 세계선박현황(톤급, 선령)

GROSS TONNAGE	TOTALS		0-4 YEARS		5-9 YEARS	
	No.	GT	No.	GT	No.	GT
WORLD TOTALS	94,936	721,855,399	11,019	210,224,047	10,068	142,138,846
100 ~ 199	22,778	3,414,280	1,251	193,837	1,823	273,223
200 ~ 299	9,863	2,465,373	937	233,716	802	199,427
300 ~ 399	6,174	2,153,597	559	193,687	630	218,808
400 ~ 499	6,908	3,220,007	720	338,665	608	284,799
500 ~ 999	10,004	7,338,996	578	431,289	579	411,636
1,000 ~ 1,999	7,811	11,533,014	684	1,074,668	543	808,128
2,000 ~ 2,999	4,718	11,888,971	655	1,667,261	504	1,278,327
3,000 ~ 3,999	2,990	10,570,298	315	1,105,804	304	1,077,712
4,000 ~ 4,999	2,249	10,104,384	258	1,156,639	314	1,398,394
5,000 ~ 5,999	1,431	7,858,212	208	1,129,375	202	1,102,983
6,000 ~ 6,999	1,131	7,305,030	161	1,046,127	237	1,524,275
7,000 ~ 7,999	887	6,670,741	194	1,458,700	116	868,152
8,000 ~ 8,999	682	5,828,010	132	1,125,007	120	1,027,725
9,000 ~ 9,999	923	8,849,822	219	2,137,385	136	1,295,657
10,000 ~ 14,999	2,743	34,028,292	271	3,365,796	402	5,105,782
15,000 ~ 19,999	2,440	42,171,090	359	6,386,838	429	7,459,035
20,000 ~ 29,999	3,860	96,906,797	974	25,455,006	793	20,381,404
30,000 ~ 39,999	2,501	88,787,776	686	23,446,568	484	17,816,288
40,000 ~ 49,999	1,205	52,421,553	466	19,839,619	192	8,265,016
50,000 ~ 74,999	1,668	98,468,140	622	37,159,244	419	25,195,752
75,000 ~ 99,999	1,234	105,020,256	515	45,127,496	278	23,397,630
100,000 ~ 124,999	204	22,333,484	96	10,539,022	27	2,986,031
125,000 ~ 149,999	145	20,679,406	5	723,634	17	2,502,460
150,000 ~ 174,999	379	60,083,750	150	23,952,640	109	17,260,202
175,000 ~ 199,999	3	557,155	-	-	-	-
200,000 이상	5	1,196,965	4	936,024	-	-

주 : 100GT 이상

자료제공 : 한국해양수산개발원(Lloyd's of Shipping, World Fleet Statistics 2006 인용)

5. World Fleets by Tonnage and Age

10-14 YEARS		15-19 YEARS		20-24 YEARS		25+ YEARS	
No.	GT	No.	GT	No.	GT	No.	GT
10,153	107,741,596	10,965	71,936,690	12,272	88,004,106	40,459	101,810,114
2,248	342,316	2,698	405,571	2,362	347,512	12,396	1,851,821
850	214,523	977	241,168	1,015	255,350	5,282	1,321,189
558	194,609	978	345,682	632	220,541	2,817	980,270
957	455,840	1,145	527,185	670	309,255	2,808	1,304,263
831	601,669	1,156	848,243	1,367	1,022,018	5,493	4,024,141
602	925,356	799	1,215,888	1,390	2,065,762	3,793	5,443,212
534	1,371,278	532	1,328,371	640	1,610,676	1,853	4,633,058
362	1,289,358	338	1,180,019	468	1,650,842	1,203	4,266,563
323	1,478,467	325	1,464,681	392	1,746,687	637	2,859,516
170	941,591	150	818,892	240	1,329,421	461	2,535,950
144	922,582	125	802,144	158	1,030,162	306	1,979,740
154	1,163,534	125	948,730	115	864,664	183	1,366,961
67	571,767	61	522,115	104	885,477	198	1,695,919
111	1,061,555	43	413,290	106	1,006,664	308	2,935,271
325	4,102,128	234	2,864,641	531	6,591,789	980	11,998,156
328	5,600,621	201	3,490,792	479	8,256,734	644	10,977,070
469	11,923,557	292	7,239,751	805	19,521,969	527	12,385,110
342	12,515,369	279	10,087,202	412	14,636,447	298	10,285,902
141	6,348,395	137	6,079,894	170	7,512,917	99	4,375,712
269	15,387,389	163	9,149,487	110	6,439,828	85	5,136,440
209	16,954,160	115	9,399,723	66	5,692,338	51	4,448,909
24	2,603,425	24	2,631,461	21	2,229,416	12	1,344,129
42	6,135,054	51	7,277,224	11	1,511,895	19	2,529,139
93	14,637,053	17	2,654,536	7	1,090,022	3	489,297
-	-	-	-	1	175,720	2	381,435
-	-	-	-	-	-	1	260,941

Ⅲ. 운항선박통계

1. 작성 목적

* 내·외항 운항선박 현황을 파악하여 수송능력 판단 및 각종 해운정책 수립을 위한 기초 자료로 활용

2. 근 거

- * 통계법 제15조 규정에 의한 승인통계지정
- * 통계법 제27조 규정에 의한 통계공표
- * 승인번호 : 제12318호('81. 10. 30)
- * 관련법령 : 해운법 제4조 및 제26조

3. 작성 기간 및 기준시점

- * 작성 기간 : 매월 1. 1 ~ 12. 31(1년)
- * 기준 시점 : 매년 12. 31
- * 결과 공표 : 해양수산통계연보

4. 작성 대상

- * 해운법 제4조 및 제26조의 규정에 의한 면허 또는 등록업체의 운항선박 명세서에 기재된 선박
 - 해상여객운송사업(면허) : 해운법 제3조(사업의 종류), 4조(사업의 면허)
 - 해상화물운송사업(등록) : 해운법 제25조(사업의 종류), 26조(사업의 등록)

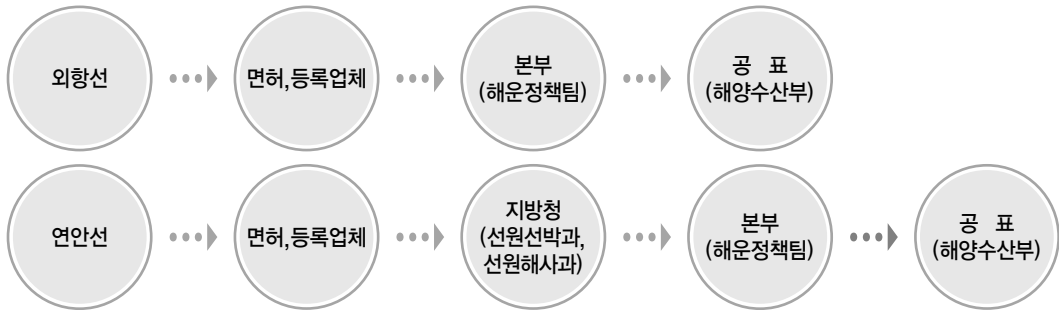
5. 작성 방법

- * 해상운송면허업체에서 제출하는 등록신청서 및 사업계획 변경신고서 내용을 업무담당자가 전산 시스템(통합사업자DB)에 입력

6. 주요 항목

- * 면허구분(연안, 외항, 정기, 부정기선) 선종별 면허등록선박 현황
- 국가별, 선종별 정기외항선취항현황(항로)

7. 작성 절차



III. Vessels in Operation

1. Objectives

To clarify status of coastal and ocean-going ships as basic data for deciding transport capacity and establishing various shipping policies

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
Publication of statistics under Article 27, the Statistics Law
Approval number 12318 (October 30, 1981)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
Surveyed at a point of time: December 31 of every year
Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

All vessels listed as operating vessels of licensed or registered companies under the Articles 4 and 26 of the Shipping Law

5. Methods

By putting into the electrified system (integrated DB) the application details of registration and revised business plan submitted by licensed marine transport companies

6. Survey Items

Licensed and registered vessels by type and license (coastal, ocean-going, liner, tramper)
Ocean-going liners (routes) by nation and vessel type

7. Process

Ocean-going vessel → Licensed, registered company → Headquarters (Shipping Policy Team) → Publication (MOMAF)

Coastal vessel → Licensed and registered company → Regional Offices (Seafarers and Vessel division and seafarers and Maritime affairs division) → Headquarters (Shipping Policy Team) → Publication (MOMAF)

1.

Status of Korean Flag Ships

Classification \ Year		2002		2003		2004		2005		2006	
		Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	Sub-Total	6,973	15,295,015	7,055	14,714,265	7,192	16,708,524	7,341	19,175,488	7,466	18,530,081
	Korean Flag	6,792	7,637,549	6,881	7,447,867	6,998	8,512,691	7,119	10,068,379	7,288	11,128,156
Passenger Vessels	BBC/HP	181	7,657,466	174	7,266,398	194	8,195,833	222	9,107,109	178	7,401,925
	Sub-Total	191	142,474	190	166,475	202	169,841	207	181,414	211	205,473
	Korean Flag	190	124,513	188	129,283	200	132,649	205	144,222	209	149,456
	BBC/HP	1	17,961	2	37,192	2	37,192	2	37,192	2	56,017
Cargo Vessels	Sub-Total	887	11,824,448	873	11,331,771	917	12,867,962	956	13,092,700	914	11,951,407
	Korean Flag	725	5,214,636	724	4,935,460	758	6,100,798	797	7,298,218	805	7,908,678
	BBC/HP	162	6,609,812	149	6,396,311	159	6,767,164	159	5,794,482	109	4,042,729
	Sub-Total	747	2,167,297	734	1,921,814	713	2,254,813	739	4,242,680	769	4,563,464
Tanker	Korean Flag	729	1,137,604	711	1,088,919	680	863,336	678	967,245	704	1,260,753
	BBC/HP	18	1,029,693	23	832,895	33	1,391,477	61	3,275,435	65	3,302,711
	Sub-Total	5,148	1,160,796	5,258	1,294,205	5,360	1,415,908	5,439	1,658,694	5,572	1,809,737
() Others	Korean Flag	5,148	1,160,796	5,258	1,294,205	5,360	1,415,908	5,439	1,658,694	5,570	1,809,269
	BBC/HP	0	0	0	0	0	0	0	0	2	468

: BBC/HP
:

Note: BBC/HP means Bare Boat Charter with Hire Purchase

2. () Vessels Licensed and Registered

Kind of Ships Classification	Total		Passenger Vessels		Conventional Cargo Vessels		Container Ship		Tankers		Others	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	2,862	17,191,273	174	337,553	695	9,181,099	121	2,286,495	411	4,621,099	1,461	765,027
Coastal	2,235	1,669,961	159	75,255	356	433,001	2	5,147	259	396,405	1,459	760,153
Ocean-going Total	627	15,521,312	15	262,298	339	8,748,098	119	2,281,348	152	4,224,694	2	4,874
Liner	134	2,543,646	15	262,298	0	0	119	2,281,348	0	0	0	0
Tramper	493	12,977,666	0	0	339	8,748,098	0	0	152	4,224,694	2	4,874

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.

1999 10 가

3. () Ocean-going Liners by Route

Kind of Ships Classification	Total		Container Ship		Semi-Container Ship	
	Number	Gross Ton	Number	Gross Ton	Number	Gross Ton
Total	119	2,281,348	112	2,265,014	7	16,334
Japan	39	161,705	33	147,367	6	14,338
China	30	304,703	30	304,703	0	0
Russia	18	233,464	18	233,464	0	0
South-east Asia	5	108,055	5	108,055	0	0
Middle-east Asia	18	1,052,708	18	1,052,708	0	0
America	5	353,884	5	353,884	0	0
Europe	4	66,829	3	64,833	1	1,996
Others	0	0	0	0	0	0

Source: Shipping Policy Team

IV. 등록어선통계

1. 조사 목적

*어업의 기본적 생산수단인 어선의 등록사항을 파악하여 수산정책 수립의 기초자료로 활용

2. 근거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12313호('78. 08. 24)
- *관련법령 : 어선법 제13조제1항, 제17조, 제19조제1항, 동법시행규칙 72조

3. 작성 기간 및 기준시점

- *조사 기간 : 매월 1. 1 ~ 12. 31(1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양수산통계연보

4. 조사 대상

*연말 현재 시·군·구에 등록된 어선

5. 조사 방법

*시·군·구에 등록된 어선 원부에 기재내용을 집계

6. 주요 항목

- 톤급별, 선질별, 업종별 어선세력
- 업종별·톤급별 선질별 어선척수
- 선령별·톤급별 선질별 어선척수
- 업종별·선령별 어선척수
- 동력어선 기관별·선질별·톤급별 어선척수
- 시도별·톤급별 어선세력

6. 작성 절차



IV. Fishing Fleet Statistics

1. Objectives

To clarify status of fishing vessels, the basic means of production in the fishing industry, and use as basic data for establishing fisheries policy

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
Publication of statistics under Article 27, the Statistics Law
Approval number 12313 (August 24, 1978)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
Surveyed at a point of time: December 31 of every year
Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

Fishing vessels registered at local governments as of year-end

5. Methods

By compiling details stipulated in certified copy of fishing vessels

6. Survey Items

- Fishing fleet by tonnage, material, trade
- Number of fishing fleet by trade, tonnage, and material
- Number of fishing fleet by age, tonnage, and material
- Number of fishing fleet by trade, and age
- Number of fishing fleet by power engine, material, and tonnage
- Fishing fleet by administrative district, and tonnage

7. Process

Applicant (registration · revision · cancellation) → Administrative district
(computerization) → Publication (MOMAF)

1.

	Total				NO.
	NO.	G.T	HP	Average Tonnage Per Boat	
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
2004	91,608	724,979.88	16,743,102	7.91	87,203
2005	90,735	700,810.03	12,949,457	7.72	87,554
2006	86,113	673,719.29	14,387,995	7.82	83,358
	4,958	342,196.05	2,304,732	69.02	4,888
	14	5.98	713	0.43	14
	2,320	35,376.71	530,807	15.25	2,246
	1,304	4,711.46	122,523	3.61	899
	2,335	4,548.98	211,878	1.95	1,926
	3,658	22,425.61	640,979	6.13	3,541
	486	201.55	17,027	0.41	393
	6,482	22,611.26	1,498,748	3.49	6,414
	4,609	17,450.60	811,196	3.79	4,525
	34,159	94,398.54	3,719,450	2.76	33,730
	4,409	34,703.95	739,569	7.87	4,125
	18,348	74,551.33	3,152,655	4.06	17,631
	3,031	20,537.27	637,718	6.78	3,026

:

1. Fishing Fleet by Administrative District and Vessel Type

Power Vessels			Non-Power Vessels			
G.T	HP	Average Tonnage Per Boat	NO.	G.T	Average Tonnage Per Boat	
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
721,397.74	16,743,102	8.27	4,405	3,582.14	0.81	2004
697,956.28	12,949,457	7.97	3,181	2,853.75	0.90	2005
671,299.40	14,387,995	8.05	2,755	2,419.89	0.88	2006
342,137.62	2,304,732	70.00	70	58.43	0.83	Busan
5.98	713	0.43	0	0.00	0.00	Daegu
35,186.23	530,807	15.67	74	190.48	2.57	Incheon
4,100.17	122,523	4.56	405	611.29	1.51	Ulsan
4,377.72	211,878	2.27	409	171.26	0.42	Gyeonggi
22,343.37	640,979	6.31	117	82.24	0.70	Gangwon
178.70	17,027	0.45	93	22.85	0.25	Chungbuk
22,563.86	1,498,748	3.52	68	47.40	0.70	Chungnam
17,371.83	811,196	3.84	84	78.77	0.94	Jeonbuk
93,931.58	3,719,450	2.78	429	466.96	1.09	Jeonnam
34,429.11	739,569	8.35	284	274.84	0.97	Gyeongbuk
74,140.10	3,152,655	4.21	717	411.23	0.57	Gyeongnam
20,533.13	637,718	6.79	5	4.14	0.83	Jeju

Source: Maritime Safety Policy Team

2.

	Total	1 Under 1 Ton	1 5	5 10	10 20
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
2004	91,608	31,974	46,920	8,057	1,160
2005	90,735	30,962	47,253	8,048	1,098
2006	86,113	29,753	44,892	7,085	1,067
	83,358	27,937	43,979	7,059	1,067
	671,299.40	18,714.76	103,142.62	54,956.45	15,412.51
	14,387,995	1,259,099	8,086,105	2,125,563	371,018
	2,308	63	22	93	125
	432,653.74	18.75	49.35	705.35	2,010.91
	1,952,462	2,775	1,949	17,219	40,743
	17,080	8,965	6,589	1,034	289
	38,540.45	5,701.70	13,255.64	7,829.27	4,147.50
	920,493	134,364	422,981	212,474	75,947
	63,873	18,882	37,320	5,921	649
FRP	199,548.20	12,977.57	89,738.67	46,334.27	9,193.10
	11,497,093	1,120,446	7,655,108	1,892,015	252,348
	97	27	48	11	4
	557.01	16.74	98.96	87.56	61.00
	17,947	1,514	6,067	3,855	1,980
	2,755	1,816	913	26	0
	2,419.89	674.89	1,566.13	178.87	0.00
	36	35	1	0	0
	10.07	5.34	4.73	0.00	0.00
	1,874	1,077	786	11	0
	1,772.94	435.97	1,264.58	72.39	0.00
	741	620	110	11	0
FRP	562.56	226.28	257.11	79.17	0.00
	104	84	16	4	0
	74.32	7.30	39.71	27.31	0.00

2. Fishing Fleet by Tonnage and Construction Material

20		30		50		100		200		200Ton and Over		
	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
	938		546		1,084		369		560			2004
	941		520		1,024		346		543			2005
	925		509		1,012		341		529			2006
	925		509		1,012		341		529	No.	}	Subtotal
	24,146.60		20,222.22		75,146.87		49,914.46		309,642.91	G.T		
	408,035		250,315		610,963		385,588		891,309	HP		
	205		133		800		339		528	No.	}	Steel
	5,205.08		5,303.58		60,342.24		49,690.57		309,327.91	G.T		
	78,124		57,110		480,359		384,518		889,665	HP		
	94		76		32		0		1	No.	}	Wooden
	2,316.51		3,077.34		1,897.49		0.00		315.00	G.T		
	28,100		29,352		15,631		0		1,644	HP		
	623		298		178		2		0	No.	}	FRP
	16,548.01		11,777.30		12,755.39		223.89		0.00	G.T		
	300,768		162,865		112,473		1,070		0	HP		
	3		2		2		0		0	No.	}	Other
	77.00		64.00		151.75		0.00		0.00	G.T		
	1,043		988		2,500		0		0	HP		
	0		0		0		0		0	No.	}	Subtotal
	0.00		0.00		0.00		0.00		0.00	G.T		
	0		0		0		0		0			
	0.00		0.00		0.00		0.00		0.00	No.	}	Steel
	0		0		0		0		0	G.T		
	0		0		0		0		0			
	0.00		0.00		0.00		0.00		0.00	No.	}	Wooden
	0		0		0		0		0	G.T		
	0		0		0		0		0			
	0.00		0.00		0.00		0.00		0.00	No.	}	FRP
	0		0		0		0		0	G.T		
	0		0		0		0		0			
	0.00		0.00		0.00		0.00		0.00	No.	}	Other
	0		0		0		0		0	G.T		
	0.00		0.00		0.00		0.00		0.00			

Power
Vessels

Non-
Power
Vessels

3. 2006

	Total			Power Vessels			Non-Power Vessels	
	NO.	G.T	H.p	NO.	G.T	H.p	NO.	G.T
Total	86,113	673,719.29	14,387,995	83,358	671,299.40	14,387,995	2,755	2,419.89
Distant Waters Fisheries	483	258,422.11	758,741	483	258,422.11	758,741	0	0.00
Long Line	194	78,453.41	233,193	194	78,453.41	233,193	0	0.00
Otter Trawl	177	120,826.00	332,822	177	120,826.00	332,822	0	0.00
Distant Waters Purse Seine	24	24,358.98	86,075	24	24,358.98	86,075	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	8	3,752.46	12,200	8	3,752.46	12,200	0	0.00
Distant Waters Angling	62	27,122.71	81,836	62	27,122.71	81,836	0	0.00
Distant Waters Trap	7	1,615.76	5,510	7	1,615.76	5,510	0	0.00
Others	9	1,971.81	6,185	9	1,971.81	6,185	0	0.00
Off-Shore Fisheries	3,629	162,831.04	1,880,114	3,629	162,831.04	1,880,114	0	0.00
Trawl Large(One Boat)	52	4,839.73	30,553	52	4,839.73	30,553	0	0.00
Trawl Large(Two Boat)	88	11,080.10	100,743	88	11,080.10	100,743	0	0.00
Eastern Sea Danish Sein	44	2,609.06	18,544	44	2,609.06	18,544	0	0.00
Trawl Medium(One Boat)	44	2,354.21	21,520	44	2,354.21	21,520	0	0.00
Trawl Medium(Two Boat)	22	1,134.00	10,775	22	1,134.00	10,775	0	0.00
Large Otter Trawl	58	8,088.95	80,437	58	8,088.95	80,437	0	0.00
Eastern Sea Trawl	38	1,994.42	31,475	38	1,994.42	31,475	0	0.00
Large Powered Purse Seines	191	26,191.48	228,933	191	26,191.48	228,933	0	0.00
Small Powered Purse Seines	105	1,748.74	39,039	105	1,748.74	39,039	0	0.00
Off-Shore Angling	679	26,266.63	337,746	679	26,266.63	337,746	0	0.00
Anchovy Drag Net	469	16,995.74	183,792	469	16,995.74	183,792	0	0.00
Off-Shore Gill Net	464	14,816.84	205,723	464	14,816.84	205,723	0	0.00
Large Stow Net	266	14,054.65	124,825	266	14,054.65	124,825	0	0.00
Off-Shore Stick-held Dip Net	9	151.74	3,397	9	151.74	3,397	0	0.00
Diving Apparatus	236	1,218.66	73,898	236	1,218.66	73,898	0	0.00
Off-Shore Trap	250	13,943.06	133,934	250	13,943.06	133,934	0	0.00

3. Fishing Fleet by Fisheries Type in 2006

	Total			Power Vessels			Non-Power Vessels	
	NO.	G.T	H.p	NO.	G.T	H.p	NO.	G.T
Off-Shore Long Line	119	1,757.74	39,125	119	1,757.74	39,125	0	0.00
Off-Shore Long Line	495	13,585.29	215,655	495	13,585.29	215,655	0	0.00
Coastal Fisheries	59,889	149,749.12	9,818,909	58,390	148,272.07	9,818,909	1,499	1,477.05
Coastal Gill Net	15,972	40,520.20	2,463,314	15,564	40,163.17	2,463,314	408	357.03
Small Stow Net	402	2,475.51	106,530	397	2,460.21	106,530	5	15.30
Coastal Dredge Nets	0	0.00	0	0	0.00	0	0	0.00
Coastal Purse Seines	309	1,767.20	77,857	302	1,755.44	77,857	7	11.76
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	7,967	20,062.57	1,124,809	7,756	19,800.35	1,124,809	211	262.22
Coastal Lift Nets	152	700.82	28,781	139	681.57	28,781	13	19.25
Coastal Beam Trawl	433	2,302.39	104,100	433	2,302.39	104,100	0	0.00
Coastal Drag Nets	7	41.25	1,758	7	41.25	1,758	0	0.00
Coastal Multi Fishery	33,258	76,827.88	5,732,999	32,553	76,328.79	5,732,999	705	499.09
Sectional Fishery(Setting)	470	875.78	46,664	440	822.47	46,664	30	53.31
Sectional Fishery(Non-Setting)	512	1,270.83	66,165	445	1,122.51	66,165	67	148.32
SetNets	407	2,904.69	65,932	354	2,793.92	65,932	53	110.77
Coastal Others	0	0.00	0	0	0.00	0	0	0.00
Culture	16,337	23,955.08	1,283,802	16,049	23,645.69	1,283,802	288	309.39
Shallow Sea Culture	16,337	23,955.08	1,283,802	16,049	23,645.69	1,283,802	288	309.39
Inland Waters Fisheries	4,150	3,557.48	224,902	3,549	3,376.90	224,902	601	180.58
Inland Waters Fisheries	4,150	3,557.48	224,902	3,549	3,376.90	224,902	601	180.58
Others	1,625	75,204.46	421,527	1,258	74,751.59	421,527	367	452.87
Fish Carrier	132	29,143.83	90,813	132	29,143.83	90,813	0	0.00
Patrol Boats	154	18,811.65	111,436	154	18,811.65	111,436	0	0.00
Experiment & Education Boats	39	7,141.78	28,062	38	7,140.78	28,062	1	1.00
Others	1,300	20,107.20	191,216	934	19,655.33	191,216	366	451.87

	Total					Total					1 Under 1 Tons				
						Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
	Total	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
	86,113	2,344	18,954	64,614	201	2,755	36	1,874	741	104	1,816	35	1,077	620	84
	483	482	1	0	0	0	0	0	0	0	0	0	0	0	0
	194	194	0	0	0	0	0	0	0	0	0	0	0	0	0
	177	176	1	0	0	0	0	0	0	0	0	0	0	0	0
	24	24	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
	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	62	62	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
	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	3,629	1,406	390	1,826	7	0	0	0	0	0	0	0	0	0	0
()	52	43	0	9	0	0	0	0	0	0	0	0	0	0	0
()	88	87	0	1	0	0	0	0	0	0	0	0	0	0	0
	44	36	1	7	0	0	0	0	0	0	0	0	0	0	0
()	44	18	1	25	0	0	0	0	0	0	0	0	0	0	0
()	22	13	2	7	0	0	0	0	0	0	0	0	0	0	0
	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0
	38	30	1	7	0	0	0	0	0	0	0	0	0	0	0
	191	190	0	1	0	0	0	0	0	0	0	0	0	0	0
	105	17	25	63	0	0	0	0	0	0	0	0	0	0	0
	679	109	46	523	1	0	0	0	0	0	0	0	0	0	0
	469	407	21	40	1	0	0	0	0	0	0	0	0	0	0
	464	122	61	278	3	0	0	0	0	0	0	0	0	0	0
	266	158	16	92	0	0	0	0	0	0	0	0	0	0	0
	9	3	1	5	0	0	0	0	0	0	0	0	0	0	0
	236	0	13	222	1	0	0	0	0	0	0	0	0	0	0
	250	80	37	133	0	0	0	0	0	0	0	0	0	0	0
	119	5	50	64	0	0	0	0	0	0	0	0	0	0	0
	495	30	115	349	1	0	0	0	0	0	0	0	0	0	0
	59,889	108	11,670	47,972	139	1,499	2	1,120	307	70	1,036	1	769	213	53
	15,972	56	3,530	12,322	64	408	1	265	103	39	306	0	205	70	31
	402	1	85	315	1	5	0	4	0	1	1	0	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	309	2	31	276	0	7	0	5	2	0	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	0	0	0	0	0	0
	7,967	7	1,742	6,212	6	211	1	180	27	3	98	1	77	20	0
	152	0	53	99	0	13	0	13	0	0	2	0	2	0	0
	433	0	69	362	2	0	0	0	0	0	0	0	0	0	0
	7	0	1	6	0	0	0	0	0	0	0	0	0	0	0
	33,258	35	5,723	27,440	60	705	0	519	162	24	580	0	443	118	19
()	470	1	112	354	3	30	0	21	6	3	13	0	7	3	3
()	512	0	135	376	1	67	0	67	0	0	10	0	10	0	0
	407	6	189	210	2	53	0	46	7	0	22	0	20	2	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16,337	11	5,736	10,582	8	288	1	241	44	2	115	1	82	31	1
	16,337	11	5,736	10,582	8	288	1	241	44	2	115	1	82	31	1
	4,150	80	628	3,424	18	601	32	228	330	11	582	32	217	322	11
	4,150	80	628	3,424	18	601	32	228	330	11	582	32	217	322	11
	1,625	257	529	810	29	367	1	285	60	21	83	1	9	54	19
	132	77	39	16	0	0	0	0	0	0	0	0	0	0	0
	154	52	2	100	0	0	0	0	0	0	0	0	0	0	0
	39	15	4	19	1	1	0	0	1	0	0	0	0	0	0
	1,300	113	484	675	28	366	1	285	59	21	83	1	9	54	19

4. Fishing Vessels by Fisheries Type, Tonnage, and Construction Material in 2006 (3-1)

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	
913	1	786	110	16	26	0	11	11	4	0	0	0	0	0	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
0	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	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	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	0 Off-Shore Angling
0	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	0 Off-Shore Gill Net
0	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	0 Off-Shore Stick-held Dip Net
0	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	0 Off-Shore Trap
0	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	0 Off-Shore Long Line
440	1	342	83	14	23	0	9	11	3	0	0	0	0	0	0 Coastal Fisheries
97	1	59	30	7	5	0	1	3	1	0	0	0	0	0	0 Coastal Gill Net
3	0	3	0	0	1	0	0	0	1	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
2	0	1	1	0	1	0	0	1	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
108	0	100	5	3	5	0	3	2	0	0	0	0	0	0	0 Coastal Trap
11	0	11	0	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	0 Coastal Beam Trawl
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Drag Nets
120	0	76	40	4	5	0	0	4	1	0	0	0	0	0	0 Coastas Multi Fishery
15	0	13	2	0	2	0	1	1	0	0	0	0	0	0	0 Sectional Fishery(Setting)
54	0	54	0	0	3	0	3	0	0	0	0	0	0	0	0 Sectional Fishery(Non-Setting)
30	0	25	5	0	1	0	1	0	0	0	0	0	0	0	0 SetNets
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Others
173	0	159	13	1	0	0	0	0	0	0	0	0	0	0	0 Culture
173	0	159	13	1	0	0	0	0	0	0	0	0	0	0	0 Shallow Water Aquaculture
18	0	10	8	0	1	0	1	0	0	0	0	0	0	0	0 Inland Water Fisheries
18	0	10	8	0	1	0	1	0	0	0	0	0	0	0	0 Inland Water Fisheries
282	0	275	6	1	2	0	1	0	1	0	0	0	0	0	0 Others
0	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	0 Patrol Boats
1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0 Experiment & Education Boats
281	0	275	5	1	2	0	1	0	1	0	0	0	0	0	0 Others

		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	83,358	2,308	17,080	63,873	97	27,937	63	8,965	18,882	27
		0	0	0	0	0	483	482	1	0	0	0	0	0	0	0
		0	0	0	0	0	194	194	0	0	0	0	0	0	0	0
		0	0	0	0	0	177	176	1	0	0	0	0	0	0	0
		0	0	0	0	0	24	24	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	8	8	0	0	0	0	0	0	0	0
		0	0	0	0	0	62	62	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	9	9	0	0	0	0	0	0	0	0
		0	0	0	0	0	3,629	1,406	390	1,826	7	0	0	0	0	0
()		0	0	0	0	0	52	43	0	9	0	0	0	0	0	0
()		0	0	0	0	0	88	87	0	1	0	0	0	0	0	0
		0	0	0	0	0	44	36	1	7	0	0	0	0	0	0
()		0	0	0	0	0	44	18	1	25	0	0	0	0	0	0
()		0	0	0	0	0	22	13	2	7	0	0	0	0	0	0
		0	0	0	0	0	58	58	0	0	0	0	0	0	0	0
		0	0	0	0	0	38	30	1	7	0	0	0	0	0	0
		0	0	0	0	0	191	190	0	1	0	0	0	0	0	0
		0	0	0	0	0	105	17	25	63	0	0	0	0	0	0
		0	0	0	0	0	679	109	46	523	1	0	0	0	0	0
		0	0	0	0	0	469	407	21	40	1	0	0	0	0	0
		0	0	0	0	0	464	122	61	278	3	0	0	0	0	0
		0	0	0	0	0	266	158	16	92	0	0	0	0	0	0
		0	0	0	0	0	9	3	1	5	0	0	0	0	0	0
		0	0	0	0	0	236	0	13	222	1	0	0	0	0	0
		0	0	0	0	0	250	80	37	133	0	0	0	0	0	0
		0	0	0	0	0	119	5	50	64	0	0	0	0	0	0
		0	0	0	0	0	495	30	115	349	1	0	0	0	0	0
		0	0	0	0	0	58,390	106	10,550	47,665	69	17,092	7	4,841	12,226	18
		0	0	0	0	0	15,564	55	3,265	12,219	25	4,484	2	1,472	3,005	5
		0	0	0	0	0	397	1	81	315	0	12	0	5	7	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	302	2	26	274	0	12	0	6	6	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	7,756	6	1,562	6,185	3	1,713	0	618	1,094	1
		0	0	0	0	0	139	0	40	99	0	12	0	7	5	0
		0	0	0	0	0	433	0	69	362	2	10	0	2	8	0
		0	0	0	0	0	7	0	1	6	0	0	0	0	0	0
		0	0	0	0	0	32,553	35	5,204	27,278	36	10,566	4	2,670	7,881	11
()		0	0	0	0	0	440	1	91	348	0	156	1	45	110	0
()		0	0	0	0	0	445	0	68	376	1	80	0	11	68	1
		0	0	0	0	0	354	6	143	203	2	47	0	5	42	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	16,049	10	5,495	10,538	6	7,771	2	3,761	4,005	3
		0	0	0	0	0	16,049	10	5,495	10,538	6	7,771	2	3,761	4,005	3
		0	0	0	0	0	3,549	48	400	3,094	7	2,695	44	286	2,359	6
		0	0	0	0	0	3,549	48	400	3,094	7	2,695	44	286	2,359	6
		0	0	0	0	0	1,258	256	244	750	8	379	10	77	292	0
		0	0	0	0	0	132	77	39	16	0	0	0	0	0	0
		0	0	0	0	0	154	52	2	100	0	43	0	0	43	0
		0	0	0	0	0	38	15	4	18	1	4	0	2	2	0
		0	0	0	0	0	934	112	199	616	7	332	10	75	247	0

4. Fishing Vessels by Fisheries Type, Tonnage, and Construction Material in 2006 (3-2)

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		
43,979	22	6,589	37,320	48	7,059	93	1034	5,921	11	1,067	125	289	649	4	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	
200	0	7	193	0	190	1	38	150	1	785	113	195	475	2	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	10	0	0	10	0	74	12	19	43	0	0 Small Powered Purse Seines	
0	0	0	0	0	14	0	2	12	0	158	4	23	130	1	0 Off-Shore Angling	
9	0	5	4	0	9	1	0	8	0	83	62	9	11	1	1 Anchovy Drag Net	
0	0	0	0	0	53	0	6	47	0	133	21	33	79	0	0 Off-Shore Gill Net	
0	0	0	0	0	4	0	3	1	0	65	3	5	57	0	0 Large Stow Net	
0	0	0	0	0	2	0	0	2	0	5	3	1	1	0	0 Off-Shore Stick-held Dip Net	
191	0	2	189	0	40	0	10	29	1	5	0	1	4	0	0 Diving	
0	0	0	0	0	8	0	3	5	0	35	1	12	22	0	0 Off-Shore Trap	
0	0	0	0	0	21	0	2	19	0	84	4	41	39	0	0 Off-Shore Long Line	
0	0	0	0	0	29	0	12	17	0	143	3	51	89	0	0 Off-Shore Long Line	
34,625	13	4,751	29,820	41	6,573	80	928	5,556	9	89	4	28	57	0	0 Coastal Fisheries	
9,153	2	1,454	7,680	17	1,927	51	339	1,534	3	0	0	0	0	0	0 Coastal Gill Net	
98	0	28	70	0	287	1	48	238	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	
112	1	15	96	0	178	1	5	172	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	
5,348	0	847	4,500	1	695	6	97	591	1	0	0	0	0	0	0 Coastal Trap	
72	0	29	43	0	55	0	4	51	0	0	0	0	0	0	0 Coastal Lift Nets	
199	0	21	178	0	224	0	46	176	2	0	0	0	0	0	0 Coastal Beam Trawl	
3	0	1	2	0	4	0	0	4	0	0	0	0	0	0	0 Coastal Drag Nets	
18,916	10	2,220	16,664	22	3,071	21	314	2,733	3	0	0	0	0	0	0 Coastas Multi Fishery	
278	0	41	237	0	6	0	5	1	0	0	0	0	0	0	0 Sectional Fishery(Setting)	
362	0	57	305	0	3	0	0	3	0	0	0	0	0	0	0 Sectional Fishery(Non-Setting)	
84	0	38	45	1	123	0	70	53	0	89	4	28	57	0	0 SetNets	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 Coastal Others	
7,985	2	1,658	6,323	2	220	1	54	164	1	64	3	22	39	0	0 Culture	
7,985	2	1,658	6,323	2	220	1	54	164	1	64	3	22	39	0	0 Shallow Water Aquaculture	
814	3	103	707	1	33	0	6	27	0	7	1	5	1	0	0 Inland Water Fisheries	
814	3	103	707	1	33	0	6	27	0	7	1	5	1	0	0 Inland Water Fisheries	
355	4	70	277	4	43	11	8	24	0	122	4	39	77	2	0 Others	
1	0	1	0	0	7	4	1	2	0	6	0	3	3	0	0 Fish Carrier	
13	0	1	12	0	7	0	0	7	0	8	1	0	7	0	0 Patrol Boats	
4	0	1	3	0	7	0	1	6	0	5	0	0	5	0	0 Experiment & Education Boats	
337	4	67	262	4	22	7	6	9	0	103	3	36	62	2	0 Others	

	20 50					50 100				
	Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other
	1,434	338	170	921	5	1,012	800	32	178	2
	0	0	0	0	0	16	16	0	0	0
	0	0	0	0	0	1	1	0	0	0
	0	0	0	0	0	10	10	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	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	1	0	0	0
	0	0	0	0	0	4	4	0	0	0
	1,280	304	137	837	2	891	707	13	169	2
()	0	0	0	0	0	43	34	0	9	0
()	0	0	0	0	0	12	11	0	1	0
	10	4	1	5	0	34	32	0	2	0
()	25	0	1	24	0	19	18	0	1	0
()	9	0	2	7	0	13	13	0	0	0
	0	0	0	0	0	1	1	0	0	0
	8	0	1	7	0	30	30	0	0	0
	11	11	0	0	0	63	62	0	1	0
	21	5	6	10	0	0	0	0	0	0
	338	5	18	315	0	152	85	3	64	0
	254	231	7	16	0	114	113	0	1	0
	192	23	21	146	2	84	76	1	6	1
	51	11	7	33	0	142	140	1	1	0
	2	0	0	2	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	56	5	15	36	0	151	74	7	70	0
	14	1	7	6	0	0	0	0	0	0
	289	8	51	230	0	33	18	1	13	1
	11	2	2	6	1	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
()	0	0	0	0	0	0	0	0	0	0
()	0	0	0	0	0	0	0	0	0	0
	11	2	2	6	1	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	2	0	7	0	0	0	0	0	0
	9	2	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
	134	30	31	71	2	105	77	19	9	0
	32	8	17	7	0	44	23	17	4	0
	34	6	1	27	0	14	10	0	4	0
	5	2	0	2	1	2	2	0	0	0
	63	14	13	35	1	45	42	2	1	0

4. Fishing Vessels by Fisheries Type, Tonnage, and Construction Material in 2006 (3-3)

Power Vessels										
100					200					
Subtotal	Steel	Wooden	F.R.P	Other	Subtotal	Steel	Wooden	F.R.P	Other	
341	339	0	2	0	529	528	1	0	0	T o t a l
44	44	0	0	0	423	422	1	0	0	Distant Waters Fisheries
1	1	0	0	0	192	192	0	0	0	Long Line
34	34	0	0	0	133	132	1	0	0	Otter Trawl
0	0	0	0	0	24	24	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	8	8	0	0	0	Distant Waters Stick-Held Dip Net
3	3	0	0	0	59	59	0	0	0	Distant Waters Angling
2	2	0	0	0	4	4	0	0	0	Distant Waters Trap
2	2	0	0	0	3	3	0	0	0	Others
255	253	0	2	0	28	28	0	0	0	Off-Shore Fisheries
9	9	0	0	0	0	0	0	0	0	Trawl Large(One Boat)
76	76	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)
57	57	0	0	0	0	0	0	0	0	Large Otter Trawl
0	0	0	0	0	0	0	0	0	0	Eastern Sea Trawl
89	89	0	0	0	28	28	0	0	0	Large Powered Purse Seines
0	0	0	0	0	0	0	0	0	0	Small Powered Purse Seines
17	15	0	2	0	0	0	0	0	0	Off-Shore Angling
0	0	0	0	0	0	0	0	0	0	Anchovy Drag Net
2	2	0	0	0	0	0	0	0	0	Off-Shore Gill Net
4	4	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
0	0	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
1	1	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 Water Aquaculture
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
42	42	0	0	0	78	78	0	0	0	Others
21	21	0	0	0	21	21	0	0	0	Fish Carrier
9	9	0	0	0	26	26	0	0	0	Patrol Boats
1	1	0	0	0	10	10	0	0	0	Experiment & Education Boats
11	11	0	0	0	21	21	0	0	0	Others

5.

Fishing Vessels by Age, Tonnage, and Construction Material

		Total	5 Under 5 Years	6 10	11 15	16 20	21 21Years and Over
	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
	2004	91,608	25,986	30,803	17,543	7,961	9,315
	2005	90,735	23,258	30,198	19,457	8,374	9,448
	2006	86,113	19,927	28,008	19,882	9,077	9,219
	Steel	2,344	175	218	418	484	1,049
	Power Vessels	2,308	174	204	402	479	1,049
0	1	63	9	23	19	5	7
1	5	22	5	3	5	0	9
5	10	93	32	24	33	3	1
10	20	125	10	16	17	26	56
20	50	338	20	14	79	98	127
50	100	800	78	88	134	104	396
100	200	339	6	27	92	76	138
200		528	14	9	23	167	315
	Non-Power Vessels	36	1	14	16	5	0
0	1	35	1	14	15	5	0
1	5	1	0	0	1	0	0
5		0	0	0	0	0	0
	Wooden	18,954	360	2,696	4,419	4,131	7,348
	Power Vessels	17,080	303	2,260	4,023	3,949	6,545
0	1	8,965	192	1,391	2,534	1,603	3,245
1	5	6,589	87	663	1,039	1,823	2,977
5	10	1,034	11	170	297	364	192
10	20	289	10	30	81	97	71
20	50	170	3	6	46	60	55
50	100	32	0	0	26	1	5
100	200	0	0	0	0	0	0
200		1	0	0	0	1	0
	Non-Power Vessels	1,874	57	436	396	182	803
0	1	1,077	54	399	370	147	107
1	5	786	3	34	22	33	694
5		11	0	3	4	2	2
	F. R. P.	64,614	19,301	25,056	15,016	4,453	788
	Power Vessels	63,873	19,183	24,674	14,835	4,415	766
0	1	18,882	4,021	8,037	4,809	1,668	347
1	5	37,320	12,365	14,073	8,147	2,406	329
5	10	5,921	2,161	2,033	1,432	232	63
10	20	649	242	238	106	51	12
20	50	921	332	222	311	49	7
50	100	178	62	70	30	9	7
100	200	2	0	1	0	0	1
200		0	0	0	0	0	0
	Non-Power Vessels	741	118	382	181	38	22
0	1	620	61	357	158	31	13
1	5	110	52	22	20	7	9
5		11	5	3	3	0	0
	Other	201	91	38	29	9	34
	Power Vessels	97	54	19	12	5	7
0	1	27	13	8	4	1	1
1	5	48	30	10	3	1	4
5	10	11	6	1	2	1	1
10	20	4	1	0	2	1	0
20	50	5	4	0	1	0	0
50	100	2	0	0	0	1	1
100	200	0	0	0	0	0	0
200		0	0	0	0	0	0
	Non-Power Vessels	104	37	19	17	4	27
0	1	84	31	16	14	4	19
1	5	16	5	2	2	0	7
5		4	1	1	1	0	1

6. 2006
Fishing Vessels by Fishery Type and Age in 2006

	Total	5 Under 5 Years	6 ~ 10	11 ~ 15	16 ~ 20	21 21 Years and Over
Total	86,113	19,927	28,008	19,882	9,077	9,219
Distant Waters Fisheries	483	3	3	6	164	307
Long Line	194	0	0	2	129	63
Otter Trawl	177	1	3	1	18	154
Distant Waters Purse Seine	24	2	0	0	4	18
Distant Waters Floating Gill Net	2	0	0	0	0	2
Distant Waters Stick-Held Dip Net	8	0	0	0	3	5
Distant Waters Angling	62	0	0	3	9	50
Distant Waters Trap	7	0	0	0	0	7
Others	9	0	0	0	1	8
Off-Shore Fisheries	3,629	792	729	870	527	711
() Trawl Large(One Boat)	52	3	7	9	2	31
() Trawl Large(Two Boat)	88	4	14	36	21	13
Eastern Sea Danish Sein	44	4	2	3	3	32
() Trawl Medium(One Boat)	44	2	3	11	11	17
() Trawl Medium(Two Boat)	22	13	0	2	6	1
Large Otter Trawl	58	1	7	44	2	4
Eastern Sea Trawl	38	10	4	3	2	19
Large Powered Purse Seines	191	2	6	19	82	82
Small Powered Purse Seines	105	35	24	16	12	18
Off-Shore Angling	679	143	164	224	54	94
Anchovy Drag Net	469	55	13	93	151	157
Off-Shore Gill Net	464	151	118	89	39	67
Large Stow Net	266	36	74	56	26	74
Off-Shore Stick-held Dip Net	9	2	4	1	2	0
Diving	236	77	103	44	8	4
Off-Shore Trap	250	53	75	74	18	30
Off-Shore Long Line	119	36	21	19	22	21
Off-Shore Long Line	495	165	90	127	66	47
Coastal Fisheries	59,889	15,088	21,726	13,260	5,900	3,915
Coastal Gill Net	15,972	4,012	5,870	3,401	1,483	1,206
Small Stow Net	402	99	133	96	38	36
Coastal Dredge Nets	0	0	0	0	0	0
Coastal Purse Seines	309	89	105	77	21	17
Coastal Long Line	0	0	0	0	0	0
Coastal Angling	0	0	0	0	0	0
Coastal Trap	7,967	1,872	2,563	1,977	911	644
Coastal Lift Nets	152	23	48	31	13	37
Coastal Beam Trawl	433	106	118	100	74	35
Coastal Drag Nets	7	1	2	2	1	1
Coastal Multi Fishery	33,258	8,540	12,477	7,251	3,212	1,778
() Sectional Fishery(Setting)	470	150	123	110	49	38
() Sectional Fishery(Non-Setting)	512	114	133	153	41	71
SetNets	407	82	154	62	57	52
Coastal Others	0	0	0	0	0	0
Culture	16,337	2,825	3,492	4,473	1,955	3,592
Shallow Sea Culture	16,337	2,825	3,492	4,473	1,955	3,592
Inland Water Fisheries	4,150	862	1,733	990	377	188
Inland Water Fisheries	4,150	862	1,733	990	377	188
Others	1,625	357	325	283	154	506
Fish Carrier	132	11	8	33	6	74
Patrol Boats	154	32	28	45	38	11
Experiment & Education Boats	39	7	10	11	4	7
Others	1,300	307	279	194	106	414

7.

Fishing Vessels by Engine, Construction Material and Tonnage

		Total	Diesel Engine	Hot-bulb Engine	가 Gasoline Engine	Others
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
2004		87,203	27,384	0	26,914	32,905
2005		87,554	26,381	0	27,820	33,353
2006		83,358	24,602	0	28,361	30,395
	Steel	2,308	2,201	0	44	63
0	1	63	7	0	42	14
1	5	22	8	0	2	12
5	10	93	71	0	0	22
10	20	125	112	0	0	13
20	50	338	336	0	0	2
50	100	800	800	0	0	0
100	200	339	339	0	0	0
200		528	528	0	0	0
	Wooden	17,080	5,229	0	1,259	10,592
0	1	8,965	1,830	0	1,169	5,966
1	5	6,589	2,525	0	90	3,974
5	10	1,034	446	0	0	588
10	20	289	226	0	0	63
20	50	170	169	0	0	1
50	100	32	32	0	0	0
100	200	0	0	0	0	0
200		1	1	0	0	0
	F. R. P.	63,873	17,142	0	27,012	19,719
0	1	18,882	1,296	0	14,780	2,806
1	5	37,320	10,150	0	12,232	14,938
5	10	5,921	4,012	0	0	1,909
10	20	649	589	0	0	60
20	50	921	916	0	0	5
50	100	178	177	0	0	1
100	200	2	2	0	0	0
200		0	0	0	0	0
	Other	97	30	0	46	21
0	1	27	1	0	22	4
1	5	48	7	0	24	17
5	10	11	11	0	0	0
10	20	4	4	0	0	0
20	50	5	5	0	0	0
50	100	2	2	0	0	0
100	200	0	0	0	0	0
200		0	0	0	0	0

8.
Fishing Fleet by Administrative District and Tonnage

	Total	¹ Under 1 Ton	1 5	5 10	10 20	20 30	30 50	50 100	100 200	200 Ton and Over
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
2004	91,608	31,974	46,920	8,057	1,160	938	546	1,084	369	560
2005	90,735	30,962	47,253	8,048	1,098	941	520	1,024	346	543
2006	86,113	29,753	44,892	7,085	1,067	925	509	1,012	341	529
Busan	4,958	1,708	2,060	170	35	67	37	135	266	480
Daegu	14	14	0	0	0	0	0	0	0	0
Incheon	2,320	274	1,099	643	52	38	31	147	24	12
Ulsan	1,304	276	906	65	19	7	9	20	2	0
Gyeonggi	2,335	1,414	728	177	11	1	0	2	0	2
Gangwon	3,658	985	1,879	438	120	105	37	85	7	2
Chungbuk	486	481	4	1	0	0	0	0	0	0
Chungnam	6,482	1,837	3,512	932	109	52	17	21	1	1
Jeonbuk	4,609	1,219	2,556	656	119	11	12	34	1	1
Jeonnam	34,159	13,951	17,828	1,781	193	128	81	179	5	13
Gyeongbuk	4,409	1,294	2,071	560	138	113	79	132	10	12
Gyeongnam	18,348	5,818	10,793	875	218	216	151	249	24	4
Jeju	3,031	482	1,456	787	53	187	55	8	1	2

9. 2006

	(SSB) Wireless	Gyro Compass	Fish Finder	Direction Finder	Rolan	Radar
	12,839	2,433	4,967	2,136	1,929	2,966
	576	334	429	380	319	384
	222	173	182	184	161	184
	198	77	130	99	78	107
	33	20	23	21	21	20
	2	0	2	2	2	2
	13	7	11	8	6	8
	96	53	70	55	47	58
	5	4	4	4	3	4
	7	0	7	7	1	1
	2,858	548	1,649	1,073	1,043	1,415
()	57	13	36	27	20	31
()	153	43	78	67	62	67
	39	8	34	29	28	30
()	42	21	38	26	30	40
()	8	2	5	4	4	6
	79	27	53	39	30	43
	21	9	20	9	11	17
	268	97	107	141	101	138
	65	10	40	15	22	26
	538	113	420	221	246	314
	371	38	202	98	154	183
	283	43	139	89	83	110
	204	42	113	89	59	108
	2	0	0	0	0	0
	74	7	20	9	2	12
	198	33	128	114	86	129
	82	5	37	13	15	26
	374	37	179	83	90	135
	8,489	1,358	2,674	519	410	937
	2,624	482	972	115	146	288
	215	13	23	5	11	30
	0	0	0	0	0	0
	132	6	21	9	1	10
	0	0	0	0	0	0
	0	0	0	0	0	0
	999	102	283	63	50	114
	53	3	10	3	3	3
	177	16	38	2	31	27
	5	0	3	0	0	0
	4,051	729	1,254	311	161	460
()	23	2	2	1	0	0
()	52	3	45	5	3	4
	158	2	23	5	4	1
	0	0	0	0	0	0
	392	40	35	6	9	25
	392	40	35	6	9	25
	50	22	0	1	1	0
	50	22	0	1	1	0
	474	131	180	157	147	205
	127	23	35	39	38	52
	131	33	41	38	27	62
	31	9	18	10	8	11
	185	66	86	70	74	80

9. Fishing Equipment by Fisheries Type in 2006

Net Zonde	Net Hauler	Sea Water Ice-Making Machine	Facsimile Recorder	Life-Raft	Squid Angle Reeding Machine	
572	584	106	340	1,911	3,400	T o t a l
167	126	28	176	602	29	Distant Waters Fisheries
85	56	20	74	254	1	Long Line
54	34	3	51	191	1	Otter Trawl
21	12	2	11	39	0	Distant Waters Purse Seine
0	0	0	0	2	0	Distant Waters Floating Gill Net
1	4	1	4	13	2	Distant Waters Stick-Held Dip Net
5	19	2	34	91	25	Distant Waters Angling
1	1	0	2	6	0	Distant Waters Trap
0	0	0	0	6	0	Others
226	223	63	113	1,084	2,218	Off-Shore Fisheries
17	10	7	0	28	1	Trawl Large(One Boat)
50	26	3	15	79	0	Trawl Large(Two Boat)
6	12	1	0	37	7	Eastern Sea Danish Sein
7	17	14	0	19	0	Trawl Medium(One Boat)
0	5	5	0	2	0	Trawl Medium(Two Boat)
21	11	1	7	68	0	Large Otter Trawl
1	0	0	1	15	10	Eastern Sea Trawl
51	24	9	50	131	0	Large Powered Purse Seines
3	5	0	0	9	31	Small Powered Purse Seines
11	17	4	26	301	2,008	Off-Shore Angling
5	38	1	3	120	0	Anchovy Drag Net
13	5	1	2	54	19	Off-Shore Gill Net
6	15	9	2	76	0	Large Stow Net
0	0	0	0	0	0	Off-Shore Stick-held Dip Net
0	0	0	0	0	8	Diving
9	23	4	3	79	83	Off-Shore Trap
5	2	0	0	5	0	Off-Shore Long Line
21	13	4	4	61	51	Off-Shore Long Line
139	198	7	21	16	1,055	Coastal Fisheries
46	88	1	1	2	559	Coastal Gill Net
13	0	0	0	0	0	Small Stow Net
0	0	0	0	0	0	Coastal Dredge Nets
4	1	0	0	1	6	Coastal Purse Seines
0	0	0	0	0	0	Coastal Long Line
0	0	0	0	0	0	Coastal Angling
5	7	0	0	0	50	Coastal Trap
0	1	0	1	0	18	Coastal Lift Nets
27	6	0	0	0	0	Coastal Beam Trawl
0	0	0	0	0	4	Coastal Drag Nets
31	88	6	19	11	418	Coastal Multi Fishery
0	1	0	0	0	0	Sectional Fishery(Setting)
3	5	0	0	0	0	Sectional Fishery(Non-Setting)
10	1	0	0	2	0	SetNets
0	0	0	0	0	0	Coastal Others
5	3	1	0	2	8	Culture
5	3	1	0	2	8	Shallow Sea Culture
1	0	0	0	6	0	Inland Water Fisheries
1	0	0	0	6	0	Inland Water Fisheries
34	34	7	30	201	90	Others
5	12	2	8	55	2	Fish Carrier
8	4	0	12	70	0	Patrol Boats
2	4	2	5	16	6	Experiment & Education Boats
19	14	3	5	60	82	Others

10.

Fishing Equipment by Administrative District

	(SSB) Wireless	Gyro Compass	Fish Finder	Direction Finder	Rolan	Radar
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
2004	15,232	2,692	5,735	2,451	2,242	3431
2005	14,303	2,551	5,405	2,274	2,073	3199
2006	12,839	2,433	4,967	2,136	1,929	2966
Busan	1,322	563	739	682	567	713
Daegu	0	0	0	0	0	0
Incheon	833	89	203	135	70	162
Ulsan	87	22	48	23	26	38
Gyeonggi	128	260	40	17	6	34
Gangwon	1,541	146	1,252	209	142	192
Chungbuk	0	0	0	0	0	0
Chungnam	914	460	213	54	138	216
Jeonbuk	759	108	38	25	57	44
Jeonnam	2,017	228	407	150	153	437
Gyeongbuk	1,754	135	697	292	352	395
Gyeongnam	1,906	210	852	312	312	580
Jeju	1,578	212	478	237	106	155
	Net Zonde	Net Hauler	Sea Water Ice-Making Machine	Facsimile Recorder	Life-Raft	Squid Angle Reeding Machine
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
2004	663	662	125	368	2,199	3,751
2005	623	621	108	351	2,031	3,561
2006	572	584	106	340	1,911	3,400
Busan	310	238	39	253	993	160
Daegu	0	0	0	0	0	0
Incheon	18	11	3	8	122	6
Ulsan	5	14	1	0	33	72
Gyeonggi	4	1	1	2	2	0
Gangwon	24	141	1	34	175	1,258
Chungbuk	0	0	0	0	0	0
Chungnam	75	3	2	0	20	16
Jeonbuk	34	17	0	2	17	17
Jeonnam	21	58	34	8	95	16
Gyeongbuk	41	26	3	18	198	1,805
Gyeongnam	22	71	14	9	211	19
Jeju	18	4	8	6	45	31

V. 항만시설 및 능력현황

1. 작성 목적

- *항만시설현황 및 하역능력을 파악하여 시설확보율을 산정하고, 시설소요를 판단하여 항만개발계획 등을 위한 기초자료로 활용

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12316호('76. 11. 30)
- *관련법령 : 항만법

3. 작성 기간 및 기준시점

- *작성 기간 : 매월 1. 1 ~ 12. 31(1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양수산통계연보

4. 작성 대상

- *전국 52개 항만(무역항28, 연안항24)의 항만시설, 하역능력, 준설현황
 - 무역항: 부산항, 인천항, 평택·당진항, 마산항, 통영항, 삼천포항, 장승포항, 진해항, 옥포항, 고현항, 동해항, 목포항, 속초항, 삼척항, 옥계항, 울산항, 군산항, 장항항, 보령항, 대신항, 태안항, 목포항, 완도항, 여수항, 광양항, 포항항, 제주항, 서귀포항(28개소)
 - 연안항: 부산남항, 연평도항, 용기포항, 주문진항, 대천항, 거문도항, 나로도항, 대흑산도항, 홍도항, 팽목항, 신마항, 화흥포항, 구룡포항, 후포항, 울릉항, 한림항, 화순항, 성산포항, 애월항, 추자항, 녹동신항, 비인항, 갈두항, 송공항(24개소)

5. 작성 방법

- *각 항만을 개발·관리하는 지방청의 실제 현황을 취합하여 집계

6. 주요 항목

- *항만시설현황 : 안벽, 방파제, 잔교, 물양장, 접안능력, 상옥, 일반창고, 야적장, 예선, 순찰선, 기중기선 등
- *항만별 하역능력 현황
- *준설현황
- *항만현황

7. 작성 절차



V. Port Facilities and Cargo Handling Capacity

1. Objectives

To clarify status of port facilities and cargo handling capacity to calculate facility retention ratio and clarify demand for facilities, and use as basic data for establishing port development plans

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12316 (November 30, 1976)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

Port facilities, cargo handling capacity, dredging status of 52 ports nationwide (28 trading, 24 coastal)

5. Methods

By compiling actual data from regional offices in charge of port development and management

6. Survey Items

- Port facilities: quay, break water, pier, wharf, berthing capacity, shed, warehouse, open storage yard, tug boat, patrol boat, crane boat
- Port cargo handling capacity
- Dredging
- Ports

7. Process

Survey and report (regional offices) → Calculate cargo handling capacity (KMI) → Review data (MOMAF) → Publication (MOMAF)

1.

(6-1)

Ports Classification	Total	(Trading Port)						
		Busan	Incheon	Pyeongtaek Dangjin	Daesan	Taeon	Boryeong	Gunsan
Quay (m)	123,300	26,159	11,456	3,120	600	0	0	4,806
Break Water (m)	69,295	5,769	2,233	240	660	0	0	3,143
Pier ()	148	3	22	8	19	2	2	13
Wharf (m)	60,672	9,604	2,059	330	362	287	90	1,567
Berthing Capacity ()	747	150	83	22	21	2	2	31
300,000 DWT	9	0	0	0	1	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	8	0	0	0	2	2	0	0
100,000 DWT	15	0	2	0	3	0	2	0
80,000 DWT	4	0	3	0	0	0	0	0
70,000 DWT	5	0	0	3	0	0	0	0
60,000 DWT	2	0	2	0	0	0	0	0
50,000 DWT	77	23	19	5	1	0	0	0
40,000 DWT	18	0	5	0	1	0	0	0
30,000 DWT	50	3	4	12	0	0	0	3
20,000 DWT	104	12	11	0	2	0	0	16
10,000 DWT	91	30	10	0	6	0	0	3
8,000 DWT	15	1	8	0	0	0	0	0
7,000 DWT	2	0	0	0	1	0	0	0
6,000 DWT	15	3	0	0	0	0	0	1
5,000 DWT	115	32	10	2	2	0	0	3
4,000 DWT	15	2	1	0	0	0	0	0
3,000 DWT	66	5	3	0	1	0	0	2
2,000 DWT	27	1	4	0	0	0	0	1
1,000 DWT	104	38	1	0	1	0	0	2

:

1. Port Facilities (6-1)

(Trading Port)								
Janghang	Mokpo	Wando	Yeosu	Gwangyang	Jeju	Seogwipo	Samcheonpo	Tongyeong
330	4,841	675	991	17,267	2,551	630	1,836	1,337
0	0	250	2,176	0	3,346	1,831	2,335	1,477
2	24	5	9	0	0	0	4	12
883	2,961	1,986	2,548	1,558	754	985	2,870	3,312
3	27	4	8	78	18	5	9	7
0	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	3	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	15	0	0	1	0
0	0	0	0	1	0	0	0	0
0	6	0	0	6	0	0	0	0
0	4	1	0	12	1	0	0	0
2	8	0	0	7	1	0	2	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
0	1	0	0	1	0	0	0	0
0	3	1	0	8	8	2	0	0
0	2	0	2	1	0	1	0	0
1	0	0	1	2	4	1	2	6

Source : Port Policy Division

1.

(6-2)

Classification	Ports	Total	(Trading Port)						
			Busan	Incheon	Pyeongtaek Dangjin	Daesan	Taeon	Boryeong	Gunsan
Shed	Number	31	11	11	1	0	0	0	0
	(m ²) Area	197,781	60,289	56,628	1,180	0	0	0	0
	(ton) Capacity	647,370	89,836	113,419	2,835	0	0	0	0
Ware house	Number	58	0	16	5	0	0	0	11
	(m ²) Area	246,443	0	81,785	22,788	0	0	0	54,821
	(ton) Capacity	884,105	0	277,665	54,744	0	0	0	174,500
Open storage yard	(m ²) Area	12,807,539	2,333,722	3,177,507	814,471	45,214	0	0	1,006,647
	(ton) Capacity	37,950,087	12,060,442	6,667,764	2,006,096	135,642	0	0	3,380,569
Tug boat	Number	202	32	40	16	11	0	4	7
	Hp	568,124	89,670	105,480	54,918	32,830	0	13,947	18,820
Patrol boat	Number	28	6	3	1	1	0	0	1
	Gv/vT	7,485	6,877	91	14	37	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.

(6-3)

Ports Classification	(Trading Port)						
	Gohyeon	Okpo	Jangseungpo	Masan	Jinhae	Ulsan	Pohang
Quay (m)	122	100	0	5,347	1,293	16,422	9,822
Break Water (m)	0	1,385	226	650	122	4,466	12,052
Pier (m)	0	0	3	7	0	0	0
Wharf (m)	192	0	1,151	1,989	123	81	2,981
Berthing Capacity ()	3	1	0	31	9	96	47
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	3	1
100,000 DWT	0	0	0	0	0	0	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	0	3	0
40,000 DWT	0	0	0	0	0	9	2
30,000 DWT	0	0	0	0	0	8	8
20,000 DWT	0	0	0	16	4	17	3
10,000 DWT	0	0	0	0	0	7	9
8,000 DWT	0	0	0	3	0	0	0
7,000 DWT	0	0	0	0	0	0	0
6,000 DWT	0	1	0	1	0	1	0
5,000 DWT	1	0	0	3	0	13	12
4,000 DWT	0	0	0	0	0	10	0
3,000 DWT	0	0	0	8	0	7	2
2,000 DWT	0	0	0	0	0	2	6
1,000 DWT	2	0	0	0	5	9	0

1. Port Facilities (6-3)

					(Coastal Port)			
Samcheok	Donghae	Mukho	Okgye	Sokcho	Yeonpyeongdo	Daecheon	Bi in	Daeheuksando
776	3,412	1,591	940	1,187	0	0	0	330
1,180	2,110	1,465	2,003	1,398	991	1,220	879	1,388
0	1	0	1	0	0	2	0	4
1,518	0	925	0	2,007	265	1,390	279	1,597
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	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	9	0	1	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

1.

(6-5)

Ports Classification	(Coastal Port)							
	Nokdongsin	Narodo	Geomundo	Hanlim	Hwasun	Seongsanpo	Songgong	Galdoo
Quay (m)	535	0	330	790	420	691	0	0
Break Water (m)	0	704	1,816	2,148	895	2,144	0	314
Pier (m)	0	2	2	0	0	0	0	0
Wharf (m)	381	725	1,024	955	170	707	34	189
Berthing Capacity ()	4	0	3	9	2	7	0	0
300,000 DWT	0	0	0	0	0	0	0	0
250,000 DWT	0	0	0	0	0	0	0	0
200,000 DWT	0	0	0	0	0	0	0	0
150,000 DWT	0	0	0	0	0	0	0	0
100,000 DWT	0	0	0	0	0	0	0	0
80,000 DWT	0	0	0	0	0	0	0	0
70,000 DWT	0	0	0	0	0	0	0	0
60,000 DWT	0	0	0	0	0	0	0	0
50,000 DWT	0	0	0	0	0	0	0	0
40,000 DWT	0	0	0	0	0	0	0	0
30,000 DWT	0	0	0	0	0	0	0	0
20,000 DWT	0	0	0	0	0	0	0	0
10,000 DWT	0	0	1	0	0	0	0	0
8,000 DWT	0	0	0	0	0	0	0	0
7,000 DWT	0	0	0	0	0	0	0	0
6,000 DWT	0	0	0	0	0	0	0	0
5,000 DWT	0	0	0	0	2	2	0	0
4,000 DWT	0	0	0	0	0	0	0	0
3,000 DWT	4	0	2	0	0	0	0	0
2,000 DWT	0	0	0	2	0	4	0	0
1,000 DWT	0	0	0	7	0	1	0	0

1. Port Facilities (6-5)

(Coastal Port)											
South Busan	Guryongpo	Hupo	Ulleung	Jumunjin	Aewol	Hong-do	Yonggipo	Shinma	Paengmok	Chuja	Hwahunpo
0	1,496	470	110	105	302	0	0	0	0	0	110
5 5 8	1,065	1,280	935	920	740	102	170	0	0	425	84
0	0	0	0	0	0	0	0	0	1	0	0
4 , 2 9 4	895	1,085	161	1,018	632	252	419	0	45	995	37
0	13	2	1	1	4	0	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	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	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
0	0	0	0	0	0	0	0	0	0	0	0
0	2	2	0	1	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0
0	11	0	0	0	4	0	0	0	0	0	0

2. (2-1)

Cargo Handling Capacity

: 1,000

Unit: 1,000ton

Ports \ Years	2000	2001	2002	2003	2004	2005	2006
Total	430,437	469,585	486,510	510,210	523,537	597,819	692,127
Sub Total	422,642	461,652	478,049	501,319	514,383	588,622	681,824
Busan	84,475	102,375	106,363	117,315	121,842	130,753	182,111
Incheon	56,820	61,515	62,075	62,557	65,223	78,129	73,449
Pyeongtaek, Dangjin	6,951	9,811	9,558	11,062	14,745	16,869	18,039
Daesan	4,987	4,987	5,419	5,402	5,402	5,040	9,072
Taeon	5,491	5,491	11,539	11,563	11,563	5,786	10,886
Boryeong	10,662	10,662	10,680	10,680	10,680	10,672	10,644
Janghang	1,068	1,486	1,486	1,486	1,486	1,626	1,911
Gunsan	13,869	11,717	12,645	11,460	10,536	13,596	17,343
Mokpo	6,271	7,011	7,011	9,043	7,205	12,144	12,675
Wando	817	817	817	817	817	855	464
Yeosu	3,016	3,016	3,016	3,016	3,017	3,093	3,038
Gwangyang	74,277	89,424	90,769	99,038	103,593	119,660	138,483
Jeju	3,589	3,258	3,258	3,258	3,213	3,031	2,616
Seogwipo	1,359	728	728	728	728	622	573
Samcheonpo	19,168	19,168	19,168	19,168	19,166	19,887	19,392
Tongyeong	620	620	620	620	620	100	101
Gohyeon	856	856	856	856	856	856	2,419
Okpo	454	454	454	454	454	454	1,400
Jangseungpo	76	76	76	76	76	33	33
Masan	14,229	13,618	13,651	14,348	15,411	15,987	19,668
Jinhae	1,869	1,869	1,869	1,869	1,793	2,644	2,661
Ulsan	24,772	25,577	28,622	29,304	28,731	50,158	52,035
Pohang	44,542	44,712	44,712	44,542	44,452	44,112	47,291
Samcheok	7,171	7,171	7,171	7,171	7,287	7,028	8,694
Donghae	23,035	23,035	23,035	23,035	23,035	30,074	30,072
Mukho	6,388	6,388	6,388	6,388	6,388	6,357	6,030
Okgye	4,914	4,914	4,914	4,914	4,914	8,482	10,145
Sokcho	896	896	1,149	1,149	1,150	574	579

2. (2-2)

Cargo Handling Capacity

:1,000

Unit: 1,000ton

Ports \ Years	2000	2001	2002	2003	2004	2005	2006
Sub Total	7,795	7,933	8,461	8,891	9,154	9,197	10,303
Yeonpyeongdo	-	-	-	-	-	-	53
Daecheon	332	332	332	573	496	496	496
Bi in	18	18	18	49	56	56	56
Daeheuksando	589	589	589	651	651	651	651
Nokdongsin	334	334	822	822	822	822	822
Narodo	103	103	145	145	145	145	145
Geomundo	188	188	186	186	405	405	405
Hanlim	822	822	822	822	822	822	822
Hwasun	282	282	282	282	293	293	1,118
Seongsanpo	920	920	920	920	936	936	936
South Busan	1,116	1,116	1,116	1,116	1,116	1,116	1,116
Guryongpo	1,251	1,251	1,251	1,251	1,251	1,251	1,251
Hupo	695	695	695	695	695	739	739
Ulleung	148	148	148	148	148	148	148
Jumunjin	515	515	515	515	515	515	515
Hong-do	48	48	48	48	101	101	101
Aewol	384	384	384	409	443	447	454
Yonggipo	-	-	-	-	-	-	84
Shinma	-	-	-	-	-	-	-
Paemok	-	-	-	-	-	-	9
Chuja	-	138	138	209	209	209	209
Hwahungpo	-	-	-	-	-	-	128
Songgong	-	-	-	-	-	7	7
Galdoo	-	-	-	-	-	38	38

3. Dredging

Port Classifi- cation	Number	(m ³) Volume (m ³)	(m ²) Area (m ²)	(-m) Depth (-m)	() Investment (1,000won)
Total	40	34,563,234	8,901,376		142,373,840
Busan	3	2,739,512	519,113	15	13,054,000
Incheon	3	1,746,179	229,287	11-14	11,264,979
Pyeongtaek.Dangjin	6	1,342,831	1,087,315	12	4,492,925
Mukho	1	7,387	32,000	7.2	236,800
Sokcho	1	1,923	1,000	13	2,597
Daesan	1	93,825	159,970	13	457,119
Daeheuksando	1	128,000	24,225	3	2,003,000
Narodo	1	18,600	18,000	4.5	282,600
Hupo	1	37,760	37,760	4	1,505,700
Gunsan	4	5,429,238	821,685	14-14.5	33,479,329
Mokpo	1	177,149	16,000	3.8	711,223
Wando	1	9,145	585	4.5	181,317
Yeosu	1	500,000	320,000	11	1,250,863

:

Source : Port Construction Division

3. Dredging

Port	Classification	Number	(m ³) Volume (m ³)	(m ²) Area (m ²)	(-m) Depth (-m)	() Investment (1,000won)
Gwangyang		4	21,027,294	5,205,351	16	61,769,071
Pohang		1	20,200	28,981	12	494,234
Masan		1	1,063,609	131,710	12	4,003,740
Samcheonpo		2	71,501	45,789	4	435,927
Okpo		1	2,158	1,350	4	34,153
Jinhae		1	10,091	2,162	5.5	147,302
Ulsan		5	136,832	219,093	12	6,566,961

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Source : Port Construction Division

5. 해안선 현황 Coastline

단위 : km

구분 Classification	계 Total	육지부 Land Coastal	도서부 Island Coastal
전국 Grand Total	12,157.94	6,326.59	5,831.35
인천광역시 Incheon	983.07	349.63	633.44
경기도 Gyeonggido	251.93	212.94	38.99
충남 Chungnam	1,051.69	735.91	315.78
전북 Jeonbuk	470.06	225.43	244.63
전남 Jeonnam	5,692.18	2,184.60	3,507.58
경남 Gyeongnam	2,093.21	1,346.55	746.66
부산광역시 Busan	313.92	223.87	90.05
울산광역시 Ulsan	135.83	131.94	3.89
경북 Gyeongbuk	428.00	321.37	106.63
강원도 Gangwondo	318.10	286.03	32.07
제주특별자치도 Jejudo	419.95	308.32	111.63

VI. 해수수질실태보고

1. 조사 목적

- * 우리나라 연안 및 주요 해역별 해양환경을 정기적으로 조사하여 해양환경 실태를 종합적으로 파악함으로써 해양환경 관리 및 보전정책 수립의 기본자료로 활용 및 관계전문가와 일반국민에게 해양환경자료의 대국민서비스

2. 근거

- * 통계법 제15조 규정에 의한 승인통계지정
- * 통계법 제27조 규정에 의한 통계공표
- * 승인번호 : 제12319호('80. 11. 13)
- * 관련법령 : 해양오염방지법 제4조의 3에 근거

3. 조사 기간 및 기준

- * 조사 기간 : 분기 측정
- * 조사 시점 : 2, 5, 8, 11월
- * 결과 공표 : 매년 3월

4. 조사 대상

- * 측정항목 : COD(화학적 산소요구량)
- 측정해역 : 동해안, 서해안 및 남해안 등 25개 해역
- * 연안별 해수 수질 현황

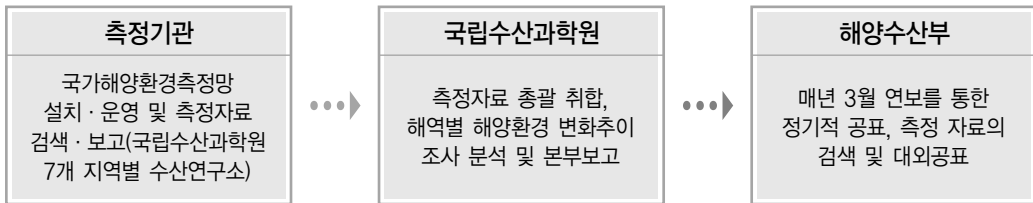
5. 조사방법

- * 선박을 이용한 현장 관측 및 시료채취 후 실험을 통한 분석

6. 주요 항목

*수온, 염분, 수소이온 농도, 용존산소량, 화학적 산소요구량, 암모니아질소, 아질산질소, 질산질소, 용존무기질소, 총질소, 총인, 용존무기인, 규산규소, 부유물질, 클로로필-a (15개 항목)

7. 작성절차



VI. Seawater Quality

1. Objectives

To use it as basic data for establishing marine environment management and preservation policy by comprehensively figuring out the conditions of the marine environment based on regular researches in coastal and sea waters

2. Legal Basis

Designated Statistics under the Article 15, the Statistics Law
 Publication of Statistics, under the Article 27, the Statistics Law
 Approval number 12319 (November 13, 1980)

3. Time reference

Surveyed for a period of time: a quarter of a year
 Surveyed at a point of time: every February, May, August, and November
 Publication of statistics: every March

4. Subject

Subject: COD (Chemical Oxygen Demand)
 - Areas: 25 sea areas located in the East Sea, the West Sea,
 and the Southern sea of Korea
 Current status of water quality in each sea area

5. Methods

By conducting on-site inspection and research on sampling

6. Survey items

Nine items- water temperature, salinity, level of hydrogen ion concentration, dissolved oxygen, chemical oxygen demand, total nitrogen, total phosphorous, suspended solids, transparency

7. Process

[The organization in charge of measuring conditions] Establishment and operation of a national measurement network of marine environment condition, and search and report of the results of the measurement (7 regional research centers under the National Fisheries Research and Development Institute, or the NFRDI) → [NFRDI (National Fisheries Research Development Institute)]
 Collection of measurement results, research & analysis of changes in the marine environment by sea area, and report to the headquarters → [MOMAF]
 Regular official announcement of research results through the annual reports every March, search and publication of the measurement results

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(33-1)

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(Ulsan, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		17.7	33.03	7.94	6.64	1.71	0.394	-	0.041	-	-	5.0	4.68
2002		15.9	29.82	8.02	6.81	1.71	0.488	0.853	0.043	0.061	-	5.5	2.49
2003		15.9	31.11	8.01	9.33	1.81	0.267	0.422	0.022	0.051	-	5.6	3.78
2004		18.0	32.44	8.13	8.40	1.61	0.189	0.447	0.019	0.048	0.349	5.2	1.98
2005		15.2	32.72	8.18	9.54	1.54	0.107	0.628	0.015	0.066	0.292	5.0	7.04
2006		16.2	32.40	8.09	8.28	1.51	0.166	0.456	0.020	0.036	0.278	5.7	3.37
2		11.3	33.20	7.98	8.77	1.17	0.213	0.492	0.028	0.037	0.362	7.0	1.24
5		14.7	33.49	8.30	7.67	1.00	0.106	0.504	0.016	0.031	0.166	5.4	2.21
8		22.1	30.17	8.22	9.01	2.85	0.060	0.213	0.005	0.028	0.090	6.3	7.92
11		16.5	32.72	7.86	7.66	1.02	0.284	0.614	0.032	0.048	0.493	4.1	2.11

(Onsan, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		17.2	33.07	7.96	7.03	2.33	0.307	-	0.041	-	-	4.4	3.84
2002		16.0	30.12	8.05	7.41	1.95	0.334	0.515	0.031	0.056	-	4.1	2.89
2003		16.1	32.65	8.04	9.67	2.01	0.271	0.535	0.017	0.042	-	3.8	4.75
2004		17.8	32.70	8.10	8.23	1.39	0.115	0.376	0.018	0.031	0.279	4.5	1.53
2005		15.5	33.43	8.17	9.47	1.33	0.074	0.522	0.011	0.042	0.265	4.2	3.21
2006		15.5	32.91	8.05	9.14	1.28	0.112	0.253	0.014	0.027	0.219	5.1	5.74
2		11.4	33.41	8.00	8.76	1.15	0.110	0.312	0.015	0.021	0.217	4.1	1.09
5		14.7	33.51	8.34	7.65	1.08	0.098	0.211	0.015	0.024	0.185	8.4	3.42
8		19.1	31.50	7.97	12.50	2.25	0.049	0.167	0.005	0.028	0.063	3.9	17.16
11		16.8	33.23	7.88	7.63	0.63	0.192	0.322	0.022	0.034	0.410	3.9	1.28

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1. Water Quality of Coasts(33-2)

(Busan, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		17.3	33.06	7.99	7.08	1.99	0.311	-	0.037	-	-	5.5	2.49
2002		16.2	31.50	8.05	7.78	1.72	0.323	0.529	0.031	0.047	-	4.6	2.89
2003		16.4	32.00	8.07	9.12	1.85	0.259	0.480	0.026	0.045	-	5.0	3.75
2004		17.4	32.69	8.14	8.65	1.54	0.133	0.430	0.010	0.037	0.327	5.3	2.78
2005		16.4	32.92	8.14	8.74	1.44	0.118	0.510	0.015	0.047	0.314	6.3	3.50
2006		15.8	32.28	8.09	8.79	1.45	0.152	0.302	0.016	0.030	0.287	4.6	6.49
2		11.4	33.62	8.05	8.99	1.34	0.102	0.304	0.016	0.019	0.303	4.0	1.06
5		14.2	34.07	8.31	8.45	1.05	0.098	0.303	0.015	0.027	0.079	5.8	3.38
8		20.4	28.24	8.16	10.11	2.79	0.196	0.338	0.008	0.035	0.298	4.6	20.11
11		17.0	33.18	7.84	7.61	0.60	0.211	0.262	0.024	0.037	0.466	4.0	1.42

(Nakdong River Estuary, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		17.1	31.39	8.15	8.85	1.83	0.140	0.563	0.013	0.036	0.368	5.0	2.76
2005		17.6	30.83	8.24	9.14	1.47	0.097	0.424	0.008	0.039	0.265	7.9	5.70
2006		17.2	29.87	8.22	8.85	1.92	0.168	0.276	0.012	0.028	0.489	5.6	7.21
2		10.6	33.59	8.09	9.43	1.02	0.098	0.144	0.012	0.020	0.242	8.7	1.92
5		14.4	33.19	8.33	8.98	1.51	0.069	0.363	0.012	0.023	0.165	3.6	4.68
8		26.7	19.59	8.60	9.62	4.23	0.357	0.436	0.008	0.027	1.095	6.7	20.98
11		17.1	33.11	7.86	7.36	0.92	0.148	0.162	0.016	0.041	0.452	3.5	1.27

1.

(33-3)

(Sinhang, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		-	-	-	-	-	-	-	-	-	-	-	-
2005		-	-	-	-	-	-	-	-	-	-	-	-
2006		17.4	29.45	8.23	10.18	2.32	0.170	0.390	0.015	0.033	0.332	8.7	7.63
2		7.7	33.30	8.10	10.56	0.69	0.104	0.238	0.014	0.026	0.181	6.3	4.01
5		15.4	32.02	8.31	9.32	1.68	0.108	0.226	0.016	0.024	0.077	6.0	3.34
8		27.8	20.78	8.60	12.74	5.35	0.283	0.819	0.007	0.037	0.679	9.4	21.19
11		18.7	31.68	7.92	8.10	1.54	0.186	0.275	0.021	0.045	0.391	13.0	1.98

(Haengam Bay, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.1	32.31	7.95	7.53	2.62	0.330	-	0.133	-	-	7.1	7.82
2002		16.0	31.36	8.02	9.13	2.60	0.599	1.164	0.128	0.169	-	3.9	7.92
2003		16.5	29.34	8.17	8.99	2.94	0.508	0.802	0.110	0.162	-	6.0	12.56
2004		16.6	31.89	8.30	9.61	2.74	0.143	0.749	0.025	0.086	0.226	6.7	9.50
2005		17.0	30.96	8.35	11.05	2.96	0.099	0.641	0.032	0.099	0.194	10.8	10.34
2006		17.5	29.91	8.38	11.74	3.30	0.076	0.263	0.025	0.059	0.063	5.6	14.46
2		6.4	32.70	8.24	11.40	2.10	0.060	0.286	0.014	0.053	0.017	7.0	23.58
5		16.2	32.94	8.34	9.84	2.86	0.067	0.311	0.035	0.064	0.027	4.5	6.45
8		29.4	22.17	8.94	16.14	6.23	0.093	0.344	0.037	0.066	0.010	6.1	17.82
11		17.8	31.84	8.00	9.58	1.99	0.084	0.112	0.015	0.053	0.199	4.9	9.98

1. Water Quality of Coasts(33-4)

(Masan Bay, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (μg/L)
2001		16.5	30.67	7.83	6.95	2.72	0.478	-	0.106	-	-	6.4	10.90
2002		15.5	27.14	8.00	7.61	2.49	0.738	1.228	0.101	0.140	-	9.4	9.17
2003		16.1	29.12	7.84	9.14	2.71	0.545	0.756	0.095	0.145	-	6.6	15.60
2004		16.5	30.86	8.18	8.27	2.64	0.426	0.835	0.023	0.090	0.745	5.7	7.54
2005		16.3	26.43	8.12	8.61	2.80	0.497	1.336	0.038	0.114	0.562	9.6	10.55
2006		17.1	27.64	8.28	9.85	3.04	0.335	0.671	0.025	0.072	0.493	8.1	23.46
2		5.6	32.37	8.08	10.86	2.18	0.178	0.719	0.013	0.064	0.422	13.1	24.44
5		16.7	29.57	8.42	9.96	2.66	0.333	0.940	0.020	0.085	0.211	6.6	12.43
8		28.2	17.43	8.84	11.71	5.66	0.374	0.537	0.011	0.048	0.662	8.7	47.46
11		17.8	31.20	7.76	6.88	1.64	0.454	0.486	0.057	0.092	0.676	3.8	9.49

(Jinhae Bay, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (μg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		16.2	32.00	8.19	8.88	2.20	0.145	0.337	0.014	0.048	0.283	5.4	3.67
2005		16.4	31.36	8.23	9.85	2.09	0.120	0.710	0.014	0.054	0.227	6.8	7.65
2006		17.3	29.61	8.25	10.21	2.66	0.092	0.287	0.016	0.038	0.299	4.6	7.53
2		5.8	32.72	8.17	11.31	1.89	0.026	0.167	0.008	0.027	0.095	6.4	6.23
5		15.9	30.53	8.38	10.31	2.07	0.056	0.348	0.009	0.034	0.200	4.6	7.37
8		28.6	23.37	8.66	11.81	5.05	0.139	0.404	0.013	0.031	0.167	4.6	13.93
11		18.8	31.83	7.77	7.42	1.62	0.146	0.230	0.035	0.059	0.732	2.7	2.59

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(33-5)

(Gwangyang Bay, 6 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		17.1	32.04	8.12	9.01	2.11	0.149	-	0.110	-	-	10.0	1.50
2002		16.5	31.36	8.08	9.10	2.08	0.204	0.354	0.047	0.084	-	21.4	1.28
2003		16.2	30.71	7.94	10.78	2.44	0.103	0.311	0.021	0.060	-	8.8	3.28
2004		16.0	31.39	7.97	8.72	1.65	0.172	0.574	0.014	0.059	0.258	9.8	2.64
2005		17.3	31.00	8.09	8.49	1.40	0.169	0.625	0.018	0.055	0.439	9.4	7.42
2006		16.9	30.55	8.19	10.27	1.46	0.242	0.742	0.013	0.069	0.678	14.5	3.76
2		6.9	32.93	8.31	11.27	1.21	0.079	0.650	0.011	0.056	0.220	17.7	0.84
5		15.9	33.20	8.22	10.09	1.71	0.186	0.645	0.007	0.076	0.794	16.4	9.96
8		25.8	23.82	8.23	10.97	2.44	0.401	0.841	0.006	0.040	1.228	4.0	2.66
11		18.8	32.26	8.01	8.75	0.49	0.301	0.830	0.026	0.104	0.469	20.0	1.57

(Seomjin River Estuary, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		16.1	31.14	8.08	8.58	1.51	0.115	0.472	0.012	0.056	0.292	9.5	5.46
2005		18.3	29.33	8.05	8.03	1.19	0.244	0.705	0.020	0.057	0.662	9.7	5.35
2006		18.0	29.53	8.13	9.88	1.43	0.332	0.656	0.020	0.058	0.924	11.6	2.44
2		8.4	32.86	8.23	11.56	1.24	0.084	0.567	0.012	0.052	0.179	11.0	0.74
5		17.4	30.73	8.12	9.10	1.37	0.304	0.582	0.020	0.043	1.256	11.4	5.36
8		26.0	22.16	8.16	9.85	2.12	0.585	0.624	0.008	0.048	1.679	3.9	2.82
11		20.0	32.38	8.02	9.00	1.00	0.355	0.849	0.040	0.090	0.580	20.2	0.83

1. Water Quality of Coasts(33-6)

가 (Gamak Bay, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.5	32.86	8.13	8.41	1.88	0.065	-	0.030	-	-	23.8	1.47
2002		15.2	31.92	8.03	8.71	1.23	0.156	0.350	0.027	0.049	-	32.9	1.26
2003		16.0	31.98	7.95	9.81	1.43	0.069	0.230	0.012	0.042	-	9.4	1.69
2004		17.5	30.42	8.09	8.54	2.47	0.144	0.623	0.026	0.056	0.289	13.6	3.88
2005		16.9	32.86	8.10	8.44	1.38	0.050	0.388	0.011	0.034	0.257	7.1	3.69
2006		16.5	32.42	8.16	10.29	1.17	0.102	0.479	0.014	0.051	0.576	10.7	3.19
2		6.7	33.53	8.24	11.48	0.90	0.082	0.673	0.014	0.051	0.169	11.1	0.13
5		14.4	34.17	8.21	11.30	1.74	0.094	0.316	0.006	0.050	0.921	20.0	7.44
8		27.8	29.28	8.14	7.78	1.27	0.034	0.215	0.006	0.026	0.828	3.7	3.09
11		17.2	32.70	8.05	10.58	0.76	0.198	0.713	0.029	0.078	0.384	8.1	2.10

(Deungnyang Bay, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.8	32.57	8.11	9.30	1.80	0.070	-	0.023	-	-	13.5	1.13
2002		15.5	31.32	8.06	8.45	1.44	0.128	0.410	0.016	0.035	-	31.6	1.32
2003		16.0	31.57	7.97	10.05	1.80	0.078	0.253	0.010	0.044	-	16.7	1.28
2004		16.6	32.93	7.92	8.78	1.30	0.050	0.296	0.007	0.048	0.333	11.6	1.39
2005		17.2	32.38	8.17	8.52	1.41	0.068	0.437	0.013	0.045	0.537	6.1	3.81
2006		16.8	32.02	8.10	9.74	1.20	0.121	0.607	0.015	0.047	0.594	14.0	2.14
2		6.7	33.17	8.28	11.72	0.86	0.135	0.854	0.017	0.041	0.416	11.7	0.07
5		15.3	33.39	8.00	9.16	0.74	0.154	0.473	0.013	0.036	1.093	18.5	1.43
8		26.3	29.65	7.98	9.15	2.11	0.063	0.440	0.013	0.042	0.575	4.1	2.56
11		19.0	31.87	8.14	8.93	1.08	0.132	0.662	0.015	0.067	0.293	21.7	4.49

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(33-7)

(Wando, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		15.2	33.66	8.10	8.49	0.95	0.107	-	0.016	-	-	18.6	2.05
2002		15.1	32.56	8.10	8.25	1.22	0.094	0.435	0.012	0.039	-	15.3	2.82
2003		15.7	32.87	8.07	8.38	1.34	0.078	0.204	0.012	0.026	-	7.4	1.91
2004		17.2	32.97	8.27	8.57	1.06	0.103	0.350	0.009	0.033	0.315	13.6	0.96
2005		16.4	33.57	8.10	8.34	0.86	0.109	0.582	0.015	0.044	0.395	9.1	2.60
2006		15.6	33.55	8.25	8.18	0.82	0.192	0.602	0.018	0.044	0.566	15.6	2.34
2		7.9	34.01	8.45	8.16	0.66	0.141	0.813	0.025	0.055	0.474	33.6	0.13
5		13.7	33.24	8.26	9.33	0.95	0.254	0.671	0.016	0.044	0.580	18.7	2.71
8		24.9	32.44	8.25	7.52	1.14	0.142	0.338	0.010	0.046	0.840	3.8	2.99
11		15.8	34.50	8.02	7.72	0.51	0.229	0.585	0.020	0.030	0.370	6.4	3.54

(Doam Bay, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		15.7	33.64	8.11	8.70	1.03	0.074	-	0.013	-	-	15.2	3.00
2002		15.7	31.73	8.14	8.08	1.19	0.090	0.479	0.012	0.034	-	15.4	3.16
2003		16.1	32.21	8.10	8.40	1.64	0.085	0.222	0.008	0.026	-	9.4	2.85
2004		16.1	33.30	8.30	8.42	0.92	0.108	0.434	0.014	0.038	0.358	12.6	1.39
2005		17.0	30.94	8.07	8.69	1.15	0.151	0.654	0.016	0.049	0.582	9.4	8.53
2006		16.1	32.69	8.14	8.59	0.95	0.165	0.613	0.017	0.044	0.661	9.6	2.79
2		7.0	34.06	8.04	9.86	0.69	0.080	0.828	0.019	0.049	0.396	15.0	0.18
5		15.0	30.90	8.26	9.27	1.52	0.272	0.458	0.014	0.045	0.876	12.9	4.46
8		26.2	31.60	8.22	7.38	1.01	0.119	0.445	0.014	0.048	0.960	3.9	2.82
11		16.1	34.18	8.02	7.86	0.58	0.190	0.719	0.022	0.032	0.412	6.4	3.68

1. Water Quality of Coasts(33-8)

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(Hampyeong, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.2	32.00	8.02	8.76	1.62	0.220	-	0.013	-	-	35.9	2.52
2002		15.0	31.42	7.99	8.49	1.46	0.126	0.399	0.020	0.041	-	26.1	2.48
2003		15.4	31.75	7.98	8.57	1.62	0.168	0.328	0.016	0.040	-	32.0	1.67
2004		16.7	31.60	8.24	8.88	2.30	0.151	0.388	0.017	0.072	0.491	58.7	1.92
2005		14.8	32.29	7.93	8.60	1.30	0.199	0.613	0.021	0.092	0.609	37.9	2.69
2006		15.1	32.14	8.17	8.12	1.21	0.246	0.740	0.027	0.079	0.745	55.3	2.68
2		2.8	32.16	8.48	9.27	2.06	0.144	0.874	0.034	0.081	0.568	68.2	0.20
5		15.6	31.76	8.04	8.32	0.99	0.335	0.778	0.019	0.080	0.864	50.8	5.48
8		28.4	30.65	8.08	6.74	0.80	0.070	0.644	0.020	0.066	0.771	3.9	2.82
11		13.4	33.98	8.06	8.13	1.00	0.434	0.662	0.033	0.090	0.777	98.2	2.22

(Incheon, 18 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		13.6	29.67	7.84	7.61	1.38	0.445	-	0.031	-	-	29.9	0.90
2002		12.8	29.22	8.04	8.32	1.31	0.440	0.703	0.035	0.114	-	27.6	4.61
2003		12.8	28.03	7.90	9.29	1.75	0.768	1.334	0.033	0.063	-	19.2	2.85
2004		14.5	28.81	8.04	10.11	1.71	0.455	0.856	0.019	0.040	0.262	18.7	8.17
2005		14.1	29.13	8.08	8.64	1.53	0.631	1.266	0.025	0.063	0.331	21.4	4.13
2006		13.6	28.94	8.18	9.45	1.24	0.686	0.993	0.033	0.062	0.433	16.9	1.33
2		2.7	30.52	8.10	12.07	1.26	0.728	1.022	0.035	0.069	0.428	20.8	0.72
5		13.2	28.65	8.11	9.88	1.30	0.896	1.177	0.028	0.056	0.193	13.3	0.94
8		24.5	25.36	8.50	8.05	1.45	0.606	1.003	0.022	0.054	0.619	14.8	2.56
11		14.0	31.23	8.01	7.78	0.94	0.515	0.771	0.047	0.069	0.491	18.7	1.11

(Shihwa Lake, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		15.7	24.50	8.57	10.73	7.49	0.489	1.374	0.099	0.203	0.288	10.4	20.05
2005		15.8	25.55	8.47	10.01	4.16	0.230	1.421	0.023	0.075	0.192	13.7	9.39
2006		15.4	27.28	8.46	8.19	2.57	0.169	0.920	0.032	0.092	0.269	16.8	7.58
2		3.0	29.59	8.38	12.60	2.15	0.157	0.777	0.008	0.044	0.096	15.7	6.51
5		19.8	28.48	8.23	7.42	3.57	0.100	1.142	0.012	0.093	0.102	10.5	8.51
8		26.2	21.08	8.99	4.57	3.10	0.242	1.131	0.073	0.171	0.552	12.3	6.88
11		12.5	29.98	8.24	8.18	1.46	0.176	0.629	0.034	0.059	0.326	28.5	8.43

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(Geojin, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.0	33.12	8.14	8.86	0.76	0.056	-	0.010	-	-	2.6	1.67
2002		12.6	33.22	8.31	9.62	0.64	0.172	0.467	0.017	0.043	-	2.1	2.55
2003		12.7	32.63	8.14	10.05	1.40	0.201	0.344	0.010	0.052	-	2.8	0.62
2004		15.3	33.26	8.11	8.57	0.64	0.079	0.303	0.014	0.037	0.348	3.7	0.24
2005		13.4	33.83	8.05	9.02	0.56	0.069	0.221	0.011	0.030	0.173	5.5	0.77
2006		13.0	33.24	8.01	9.00	0.83	0.147	0.247	0.009	0.019	0.223	4.1	1.08
2		3.6	33.74	8.12	10.50	1.10	0.105	0.351	0.009	0.022	0.225	2.5	0.83
5		10.5	33.42	7.62	9.43	0.47	0.137	0.196	0.010	0.014	0.333	6.9	0.87
8		24.3	32.36	8.16	7.96	0.86	0.228	0.268	0.006	0.019	0.088	2.9	1.43
11		13.4	33.44	8.12	8.10	0.90	0.119	0.174	0.009	0.020	0.247	4.2	1.18

1. Water Quality of Coasts(33-10)

(Sokcho, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.7	32.67	8.22	9.07	1.12	0.056	-	0.014	-	-	2.6	2.21
2002		13.7	32.77	8.28	9.87	0.85	0.183	0.446	0.015	0.057	-	2.4	3.71
2003		13.8	31.69	8.13	9.73	1.29	0.184	0.431	0.011	0.042	-	2.2	0.93
2004		15.5	33.29	8.15	8.64	1.04	0.055	0.278	0.014	0.038	0.312	5.3	0.29
2005		12.9	33.59	8.10	8.86	0.58	0.068	0.178	0.010	0.025	0.159	3.7	0.91
2006		13.7	33.20	8.09	8.85	1.00	0.106	0.251	0.008	0.026	0.242	4.7	1.14
2		4.0	33.81	8.12	10.50	1.54	0.090	0.409	0.007	0.024	0.217	2.3	0.71
5		10.6	33.51	7.76	9.76	0.72	0.061	0.205	0.004	0.016	0.417	7.3	0.99
8		27.2	32.39	8.24	6.92	0.90	0.179	0.238	0.008	0.028	0.083	2.7	1.69
11		12.9	33.10	8.23	8.22	0.82	0.095	0.151	0.011	0.034	0.252	6.4	1.16

(Yangyang, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.3	33.38	8.15	8.00	0.79	0.029	-	0.008	-	-	1.6	1.06
2002		14.5	33.62	8.27	9.40	0.72	0.150	0.643	0.016	0.063	-	1.9	2.50
2003		14.2	32.76	8.16	9.53	1.54	0.140	0.292	0.010	0.037	-	1.6	0.44
2004		15.6	33.35	8.15	8.62	1.16	0.052	0.295	0.013	0.031	0.319	3.4	0.25
2005		13.0	33.60	8.11	9.14	0.64	0.063	0.186	0.008	0.019	0.151	3.5	1.21
2006		13.1	33.39	8.13	8.91	1.04	0.082	0.250	0.007	0.019	0.244	4.5	1.12
2		4.6	33.74	8.13	10.20	1.62	0.087	0.363	0.007	0.023	0.218	2.4	1.05
5		10.8	33.60	7.89	9.57	0.73	0.066	0.212	0.006	0.015	0.444	6.6	1.03
8		23.9	32.66	8.25	7.92	0.90	0.107	0.246	0.004	0.018	0.075	3.4	1.22
11		13.2	33.57	8.26	7.96	0.89	0.068	0.177	0.009	0.020	0.237	5.5	1.18

(Jumunjin, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		17.4	33.24	8.17	8.93	0.82	0.094	-	0.027	-	-	3.1	2.33
2002		14.5	33.43	8.21	8.96	0.89	0.213	0.596	0.017	0.074	-	1.7	1.33
2003		14.3	32.38	8.09	9.52	1.60	0.157	0.306	0.014	0.059	-	2.3	0.83
2004		15.1	33.34	8.08	8.61	1.02	0.054	0.299	0.014	0.043	0.299	4.1	0.45
2005		13.1	33.61	8.04	8.74	0.85	0.071	0.214	0.012	0.031	0.201	3.7	1.13
2006		12.9	33.29	8.11	9.14	0.92	0.088	0.219	0.008	0.021	0.184	4.7	1.08
2		4.8	33.77	8.13	10.40	1.25	0.073	0.252	0.006	0.026	0.223	2.9	0.85
5		10.3	33.59	7.84	9.54	0.67	0.071	0.214	0.013	0.014	0.173	7.3	0.85
8		23.1	32.34	8.25	8.71	1.10	0.116	0.231	0.005	0.024	0.087	3.4	1.47
11		13.3	33.47	8.23	7.92	0.64	0.093	0.178	0.009	0.021	0.251	5.0	1.15

(Gangneung, 7 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		16.4	33.23	8.14	8.41	0.83	0.075	-	0.012	-	-	2.5	0.94
2002		14.2	33.29	8.13	9.35	1.01	0.188	0.640	0.014	0.064	-	1.9	1.70
2003		14.8	32.65	8.17	9.54	1.06	0.165	0.462	0.010	0.043	-	1.7	0.48
2004		16.6	33.44	8.12	8.53	1.10	0.069	0.271	0.012	0.034	0.278	3.9	0.34
2005		13.7	33.60	8.03	8.52	0.92	0.072	0.199	0.013	0.041	0.205	4.4	1.01
2006		12.9	33.35	8.09	9.03	0.76	0.119	0.232	0.010	0.023	0.213	4.8	1.08
2		6.2	33.96	8.08	10.10	0.50	0.103	0.305	0.008	0.025	0.257	3.2	0.72
5		10.1	33.55	7.77	9.39	0.68	0.097	0.234	0.013	0.014	0.246	8.4	1.44
8		22.2	32.50	8.28	8.54	0.93	0.143	0.211	0.005	0.021	0.099	3.7	0.99
11		13.1	33.38	8.24	8.09	0.91	0.131	0.178	0.012	0.030	0.250	3.7	1.16

1. Water Quality of Coasts(33-12)

(Donghea, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.5	33.18	8.15	8.34	1.02	0.076	-	0.010	-	-	2.1	1.58
2002		14.2	33.12	8.10	9.25	1.09	0.247	0.586	0.023	0.071	-	2.2	1.36
2003		14.2	33.39	8.25	9.22	1.18	0.159	0.368	0.009	0.039	-	3.0	0.92
2004		16.5	33.57	8.08	8.28	0.93	0.082	0.245	0.011	0.033	0.264	4.5	0.36
2005		14.6	33.74	8.08	8.80	0.83	0.073	0.229	0.017	0.043	0.189	4.0	0.92
2006		13.0	33.46	8.11	8.97	0.96	0.102	0.239	0.012	0.022	0.207	4.9	0.98
2		6.9	34.04	8.11	9.71	1.31	0.120	0.339	0.010	0.027	0.253	2.3	0.94
5		10.3	33.73	7.80	9.42	0.79	0.091	0.263	0.015	0.013	0.262	9.1	1.02
8		21.7	32.54	8.26	8.81	0.82	0.083	0.196	0.012	0.024	0.068	3.6	0.75
11		13.0	33.52	8.26	7.94	0.91	0.114	0.157	0.011	0.023	0.244	4.6	1.20

(Samcheok, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.9	33.16	8.14	8.32	0.84	0.076	-	0.006	-	-	1.9	0.57
2002		14.0	32.72	8.11	8.89	0.99	0.277	0.420	0.017	0.071	-	1.6	1.27
2003		15.2	32.83	8.14	9.44	1.08	0.182	0.380	0.010	0.046	-	1.8	0.90
2004		17.1	33.61	8.07	8.21	1.02	0.068	0.264	0.011	0.035	0.275	3.6	0.40
2005		15.2	33.69	8.08	8.71	0.99	0.088	0.186	0.013	0.048	0.196	4.7	1.02
2006		13.8	32.85	8.12	8.91	0.87	0.156	0.268	0.014	0.022	0.251	5.6	1.06
2		7.8	34.11	8.13	9.45	0.84	0.142	0.314	0.012	0.025	0.321	4.2	1.09
5		11.2	33.80	7.84	8.86	0.60	0.236	0.236	0.013	0.012	0.287	9.6	0.88
8		22.8	29.86	8.26	9.14	1.03	0.085	0.241	0.013	0.020	0.104	3.6	1.15
11		13.4	33.62	8.25	8.19	0.99	0.159	0.279	0.019	0.030	0.292	4.8	1.12

(Jukbyeon, 6 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		17.7	32.72	8.04	8.37	0.98	0.079	-	0.007	-	-	4.2	0.79
2002		15.3	32.39	8.05	8.73	0.94	0.195	0.425	0.011	0.036	-	6.6	1.32
2003		15.9	32.72	8.04	9.12	1.00	0.093	0.323	0.008	0.022	-	13.4	1.68
2004		17.4	33.42	8.06	8.45	1.52	0.051	0.244	0.014	0.032	0.263	3.6	0.56
2005		15.2	33.57	8.10	8.77	0.80	0.059	0.175	0.011	0.036	0.187	4.6	1.03
2006		15.1	33.59	8.06	9.00	0.84	0.151	0.249	0.012	0.022	0.198	5.1	1.22
2		9.6	34.03	8.08	8.96	1.03	0.125	0.293	0.011	0.024	0.225	2.5	0.83
5		12.6	33.88	7.88	9.26	0.46	0.203	0.228	0.011	0.017	0.196	8.3	1.56
8		22.3	32.88	8.14	9.50	0.99	0.093	0.232	0.010	0.019	0.085	5.6	1.17
11		15.8	33.55	8.14	8.29	0.86	0.182	0.242	0.016	0.028	0.285	3.8	1.30

(Hupo, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		17.8	32.62	8.02	8.80	1.49	0.079	-	0.004	-	-	6.3	0.68
2002		15.4	31.99	7.99	8.82	0.62	0.127	0.371	0.006	0.008	-	10.1	1.13
2003		16.4	32.31	8.03	9.43	1.42	0.049	0.248	0.008	0.015	-	26.8	2.02
2004		17.2	33.41	7.99	9.04	0.93	0.036	0.110	0.009	0.024	0.124	6.0	1.50
2005		15.0	33.41	7.98	9.38	0.75	0.045	0.102	0.006	0.017	0.172	6.9	1.61
2006		16.1	33.51	7.95	9.33	2.39	0.053	0.167	0.004	0.016	0.153	7.6	1.28
2		9.6	33.85	7.98	9.44	0.54	0.084	0.104	0.009	0.019	0.292	6.7	0.86
5		12.9	33.85	7.88	9.42	0.20	0.010	0.040	0.002	0.017	0.030	8.8	2.16
8		24.3	32.90	7.94	9.31	8.28	0.028	0.399	0.002	0.014	0.062	14.0	1.04
11		17.6	33.42	7.98	9.16	0.54	0.089	0.125	0.002	0.015	0.226	0.9	1.04

1. Water Quality of Coasts(33-14)

(Chuksan, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		17.2	32.50	8.00	8.51	1.49	0.111	-	0.010	-	-	3.9	0.79
2002		14.9	32.07	7.99	8.74	0.56	0.135	0.367	0.012	0.015	-	10.3	2.85
2003		16.5	32.32	6.92	9.10	1.81	0.106	0.338	0.013	0.020	-	23.8	1.60
2004		17.2	33.41	8.00	9.04	0.83	0.031	0.134	0.009	0.017	0.127	6.1	1.09
2005		15.4	33.47	7.95	9.50	0.62	0.034	0.095	0.007	0.018	0.166	6.5	1.98
2006		15.6	33.44	7.99	9.37	0.54	0.051	0.110	0.005	0.019	0.163	9.5	1.34
2		9.5	33.88	7.98	9.54	0.44	0.087	0.098	0.007	0.021	0.276	9.7	1.44
5		13.7	33.86	7.96	9.14	0.14	0.007	0.064	0.005	0.017	0.026	8.4	1.48
8		23.3	32.78	7.98	9.07	0.85	0.024	0.162	0.002	0.020	0.028	15.8	1.00
11		15.9	33.22	8.03	9.72	0.74	0.085	0.116	0.005	0.018	0.323	4.1	1.42

(Ganggu, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.9	31.96	8.03	8.76	1.28	0.161	-	0.009	-	-	4.4	1.38
2002		14.9	25.86	7.98	9.01	0.55	0.288	0.653	0.009	0.013	-	9.7	1.27
2003		16.9	28.34	7.93	9.13	2.00	0.308	0.445	0.011	0.017	-	21.9	2.67
2004		17.9	33.38	8.00	9.06	1.04	0.036	0.102	0.008	0.018	0.112	7.5	1.36
2005		15.9	33.40	8.02	9.31	1.00	0.039	0.110	0.013	0.021	0.169	7.1	2.89
2006		15.5	33.46	8.01	9.43	0.58	0.059	0.197	0.005	0.020	0.157	8.5	1.87
2		9.9	33.84	7.96	9.48	0.42	0.096	0.130	0.007	0.020	0.278	8.2	1.09
5		13.3	33.63	8.03	9.44	0.60	0.012	0.074	0.006	0.018	0.027	8.0	3.74
8		21.8	32.97	7.98	9.39	0.92	0.038	0.446	0.004	0.021	0.062	14.8	1.34
11		16.8	33.38	8.05	9.42	0.38	0.088	0.139	0.004	0.020	0.262	3.0	1.32

(Wolpo, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		17.0	32.78	8.06	8.82	1.29	0.073	-	0.004	-	-	6.1	0.66
2002		15.4	32.04	8.02	8.94	0.89	0.118	0.308	0.004	0.007	-	5.2	1.89
2003		16.3	32.46	8.01	9.26	1.61	0.046	0.273	0.007	0.013	-	24.6	3.19
2004		17.7	33.51	7.99	9.21	0.98	0.030	0.145	0.002	0.020	0.113	8.2	1.59
2005		14.9	33.53	8.00	9.37	0.95	0.035	0.080	0.008	0.017	0.169	7.0	1.80
2006		15.3	33.45	8.01	9.61	0.48	0.051	0.135	0.004	0.018	0.148	8.3	1.59
2		9.7	33.92	7.98	9.70	0.36	0.079	0.104	0.005	0.020	0.279	8.2	1.18
5		13.5	33.54	8.06	9.70	0.26	0.016	0.056	0.002	0.020	0.015	7.6	2.96
8		21.2	32.96	7.98	9.42	0.71	0.021	0.224	0.004	0.014	0.034	14.4	0.62
11		16.7	33.36	8.03	9.62	0.60	0.086	0.156	0.006	0.016	0.265	2.9	1.60

(Yeongil, 12 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		15.7	32.65	8.08	9.24	1.33	0.173	-	0.008	-	-	4.3	0.96
2002		15.8	30.27	7.97	9.27	1.09	0.203	0.469	0.005	0.008	-	10.1	9.40
2003		16.1	31.55	8.03	9.62	1.48	0.138	0.285	0.007	0.016	-	19.6	4.08
2004		16.7	33.07	8.00	9.31	1.40	0.046	0.132	0.006	0.019	0.091	6.8	2.48
2005		15.1	32.77	7.96	9.34	0.92	0.053	0.142	0.008	0.022	0.182	6.9	2.67
2006		14.6	33.37	8.00	9.76	0.69	0.067	0.203	0.006	0.021	0.138	9.5	3.67
2		8.6	33.58	8.02	9.74	0.57	0.075	0.108	0.006	0.017	0.202	8.5	4.08
5		13.6	33.77	8.00	9.83	0.34	0.052	0.173	0.008	0.020	0.037	7.7	2.96
8		22.0	32.94	7.96	9.14	0.96	0.035	0.396	0.003	0.026	0.048	16.3	5.87
11		14.1	33.18	8.00	10.33	0.88	0.107	0.135	0.008	0.022	0.263	5.6	1.77

1. Water Quality of Coasts(33-16)

(Guryongpo, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		17.1	32.76	8.08	8.53	1.70	0.088	-	0.006	-	-	6.2	1.34
2002		15.8	31.04	7.97	8.66	0.70	0.193	0.468	0.006	0.010	-	8.9	3.14
2003		16.3	31.92	8.03	9.26	1.80	0.162	0.278	0.013	0.021	-	27.2	1.47
2004		17.4	33.40	8.02	9.31	1.36	0.044	0.182	0.002	0.019	0.145	6.6	1.39
2005		15.9	33.70	7.98	9.12	0.58	0.043	0.101	0.010	0.023	0.203	7.2	1.31
2006		15.2	33.51	7.99	9.38	0.61	0.054	0.157	0.008	0.018	0.160	9.3	1.68
2		10.1	33.62	7.98	8.80	0.74	0.092	0.107	0.016	0.022	0.296	8.5	1.36
5		14.5	33.80	8.03	9.92	0.32	0.022	0.187	0.002	0.014	0.075	8.4	2.54
8		18.8	33.24	7.92	9.52	0.80	0.034	0.200	0.002	0.020	0.037	14.6	1.43
11		17.5	33.36	8.02	9.28	0.58	0.068	0.132	0.010	0.016	0.233	5.7	1.38

(Gampo, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.9	32.83	8.05	8.36	1.71	0.100	-	0.008	-	-	4.9	1.44
2002		16.6	31.17	7.96	8.65	0.57	0.163	0.413	0.007	0.010	-	7.3	2.70
2003		17.5	32.03	8.05	9.29	1.94	0.102	0.292	0.011	0.019	-	28.2	1.10
2004		17.7	33.56	8.00	8.67	1.09	0.061	0.140	0.005	0.025	0.191	9.6	1.00
2005		15.9	33.38	7.98	9.34	0.74	0.041	0.074	0.013	0.027	0.179	7.2	1.45
2006		15.9	33.39	8.01	9.00	0.65	0.044	0.146	0.008	0.018	0.171	9.0	3.20
2		11.4	33.84	8.00	7.87	0.77	0.071	0.090	0.013	0.022	0.253	8.8	1.70
5		15.1	33.72	8.04	9.54	0.54	0.008	0.168	0.004	0.015	0.042	8.2	2.23
8		19.2	33.06	7.96	9.28	0.75	0.038	0.213	0.010	0.025	0.174	15.0	7.46
11		18.0	32.92	8.04	9.31	0.54	0.060	0.113	0.006	0.011	0.216	3.8	1.39

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(Gijang, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		-	-	-	-	-	-	-	-	-	-	-	-
2002		-	-	-	-	-	-	-	-	-	-	-	-
2003		-	-	-	-	-	-	-	-	-	-	-	-
2004		17.7	33.02	8.09	8.23	1.14	0.082	0.303	0.014	0.025	0.293	4.9	1.42
2005		16.3	33.20	8.18	8.78	1.14	0.061	0.343	0.010	0.037	0.282	3.9	1.87
2006		16.5	33.36	8.10	8.96	1.02	0.088	0.213	0.011	0.023	0.246	5.6	3.70
2		11.9	33.60	8.04	8.65	1.06	0.088	0.220	0.013	0.015	0.231	4.9	0.75
5		15.0	34.28	8.36	7.21	0.65	0.039	0.134	0.007	0.017	0.133	10.2	2.17
8		21.5	32.10	8.13	12.25	1.71	0.051	0.162	0.005	0.026	0.113	4.6	10.49
11		17.5	33.45	7.88	7.74	0.65	0.172	0.336	0.017	0.032	0.507	2.7	1.38

(Jinhae Bay, 7 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.4	31.83	7.96	7.24	2.15	0.247	-	0.041	-	-	5.2	7.75
2002		15.3	29.69	8.01	7.71	1.75	0.277	0.545	0.032	0.060	-	6.3	5.77
2003		16.6	29.00	8.08	9.31	2.24	0.213	0.520	0.036	0.064	-	3.8	7.98
2004		17.1	31.52	8.15	8.80	2.33	0.127	0.364	0.012	0.037	0.342	3.9	2.71
2005		16.7	29.72	8.11	9.43	1.92	0.098	0.505	0.013	0.052	0.275	7.0	4.00
2006		17.2	29.63	8.23	10.08	2.62	0.052	0.294	0.017	0.037	0.329	4.3	6.64
2		5.4	32.62	8.18	11.42	1.93	0.018	0.155	0.007	0.024	0.076	5.6	4.09
5		15.9	30.17	8.37	10.24	1.83	0.042	0.359	0.009	0.033	0.244	4.8	7.45
8		28.7	23.98	8.63	11.29	4.97	0.110	0.445	0.014	0.031	0.154	4.6	12.72
11		18.8	31.75	7.73	7.38	1.73	0.038	0.215	0.038	0.061	0.841	2.2	2.30

1. Water Quality of Coasts(33-18)

(Eastern coast of Geoje, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (μg/L)
2001		17.3	32.80	8.08	7.18	1.39	0.180	-	0.024	-	-	5.5	4.05
2002		16.6	32.45	8.05	9.07	1.12	0.153	0.329	0.017	0.028	-	3.6	1.93
2003		17.4	30.57	8.10	9.35	1.46	0.131	0.382	0.012	0.037	-	4.5	4.97
2004		17.7	32.69	8.09	9.11	1.55	0.061	0.298	0.007	0.028	0.258	3.7	1.89
2005		17.0	32.39	8.21	9.07	1.16	0.062	0.351	0.009	0.033	0.181	3.5	4.84
2006		17.3	31.20	8.20	9.31	1.64	0.115	0.244	0.013	0.033	0.269	4.0	4.45
2		11.4	33.82	8.08	9.26	0.61	0.097	0.193	0.014	0.016	0.250	2.9	1.07
5		14.3	33.03	8.38	7.73	1.40	0.030	0.242	0.009	0.037	0.110	3.7	3.63
8		26.3	24.66	8.43	12.38	4.02	0.183	0.364	0.011	0.032	0.250	6.2	11.80
11		17.3	33.28	7.90	7.86	0.54	0.151	0.178	0.018	0.046	0.467	3.3	1.30

(Southern coast of Geoje, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (μg/L)
2001		16.7	33.04	8.15	7.19	0.81	0.072	-	0.019	-	-	12.3	2.70
2002		15.7	32.89	7.95	7.13	0.99	0.092	0.345	0.019	0.055	-	5.5	1.31
2003		16.2	31.84	8.21	8.79	0.87	0.107	0.639	0.016	0.054	-	8.3	2.27
2004		16.5	32.95	8.05	6.91	1.19	0.098	0.454	0.025	0.043	0.396	7.4	3.23
2005		16.9	33.41	8.08	8.09	1.23	0.077	0.684	0.013	0.034	0.263	4.9	1.21
2006		17.1	33.10	8.10	8.49	1.04	0.084	0.305	0.018	0.047	0.185	7.1	2.30
2		9.6	33.96	8.28	9.84	0.63	0.042	0.208	0.017	0.038	0.152	6.2	0.97
5		14.9	33.64	8.34	9.20	1.04	0.060	0.319	0.007	0.067	0.090	7.6	5.98
8		26.4	31.28	7.95	8.02	1.05	0.043	0.333	0.014	0.033	0.059	7.1	1.53
11		17.6	33.53	7.82	6.89	1.43	0.189	0.360	0.034	0.048	0.440	7.6	0.70

(Tongyeong, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		16.3	32.82	8.12	7.64	1.43	0.100	-	0.026	-	-	14.2	4.92
2002		15.4	32.58	7.93	7.66	1.15	0.116	0.361	0.027	0.057	-	8.1	1.24
2003		16.0	31.35	8.22	8.26	1.34	0.130	0.568	0.018	0.047	-	9.8	3.83
2004		16.6	32.51	8.14	6.91	1.34	0.094	0.450	0.012	0.052	0.285	6.6	5.31
2005		16.3	33.40	7.86	7.71	1.70	0.078	0.620	0.013	0.035	0.317	10.8	2.94
2006		17.0	32.45	8.02	9.03	1.36	0.097	0.382	0.018	0.054	0.223	9.4	4.10
2		6.9	33.80	8.05	10.97	0.96	0.040	0.229	0.014	0.038	0.083	6.7	1.71
5		15.9	33.09	8.21	9.24	1.40	0.130	0.491	0.012	0.078	0.113	9.8	8.76
8		27.4	30.12	7.93	7.63	1.70	0.074	0.431	0.009	0.043	0.146	12.4	4.44
11		17.8	32.79	7.88	8.27	1.39	0.142	0.377	0.035	0.058	0.548	8.5	1.48

(Outer coast of Tongyeong, 6 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		16.7	32.99	8.18	7.39	0.65	0.060	-	0.020	-	-	12.0	2.26
2002		15.8	32.93	7.91	7.29	0.91	0.082	0.320	0.022	0.057	-	6.9	1.12
2003		16.6	31.93	8.26	8.47	1.20	0.095	0.767	0.013	0.056	-	8.1	2.49
2004		17.0	32.72	8.15	6.90	1.26	0.095	0.424	0.010	0.035	0.333	6.4	2.07
2005		16.6	33.35	8.13	7.83	1.28	0.059	0.409	0.015	0.023	0.250	5.8	1.21
2006		17.2	32.98	8.14	8.75	1.09	0.077	0.312	0.019	0.041	0.207	6.4	2.45
2		10.2	33.45	8.20	10.07	0.84	0.024	0.249	0.020	0.044	0.103	7.5	3.03
5		14.8	33.71	8.38	9.87	1.30	0.056	0.349	0.005	0.025	0.039	6.4	3.27
8		25.7	31.57	7.99	7.84	1.49	0.085	0.375	0.004	0.046	0.112	6.0	2.60
11		18.0	33.20	7.99	7.22	0.74	0.143	0.275	0.048	0.047	0.574	5.8	0.89

1. Water Quality of Coasts(33-20)

(Goseong-Jaran Bay, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		16.5	32.31	8.09	7.07	1.27	0.082	-	0.023	-	-	9.9	1.53
2002		15.3	32.26	7.94	7.57	1.11	0.069	0.374	0.016	0.049	-	7.4	0.81
2003		16.8	31.15	8.22	7.79	1.45	0.072	0.754	0.014	0.055	-	7.0	1.68
2004		16.8	32.55	8.00	7.12	1.29	0.078	0.446	0.008	0.033	0.410	6.2	1.34
2005		16.6	32.77	8.06	8.33	1.38	0.064	0.512	0.016	0.034	0.271	5.1	2.01
2006		18.0	32.36	8.10	8.90	1.16	0.061	0.339	0.019	0.039	0.213	5.7	1.82
2		6.6	33.05	8.00	11.33	1.11	0.001	0.266	0.016	0.035	0.068	5.7	0.33
5		16.9	33.23	8.16	9.35	1.28	0.065	0.325	0.005	0.014	0.069	4.1	4.44
8		30.1	30.46	7.94	6.75	1.27	0.053	0.539	0.006	0.062	0.123	5.0	1.08
11		18.2	32.68	8.29	8.17	0.99	0.126	0.225	0.049	0.045	0.593	7.9	1.43

(Sacheon, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		16.1	32.12	8.16	7.55	0.98	0.071	-	0.027	-	-	18.3	3.14
2002		16.0	31.45	7.95	7.35	1.52	0.085	0.351	0.016	0.052	-	6.3	1.63
2003		16.7	31.38	8.26	8.18	1.27	0.090	0.473	0.017	0.046	-	7.8	2.16
2004		16.9	32.72	8.11	6.91	0.94	0.110	0.437	0.011	0.039	0.417	6.4	2.38
2005		16.9	32.65	8.14	8.12	1.26	0.064	0.492	0.020	0.032	0.306	7.2	2.49
2006		17.2	32.51	8.08	8.79	1.24	0.102	0.347	0.029	0.051	0.251	9.5	2.45
2		8.3	32.67	8.15	10.65	1.14	0.010	0.202	0.027	0.051	0.053	10.0	1.43
5		16.7	33.29	8.12	9.42	1.22	0.101	0.439	0.017	0.027	0.190	8.6	2.66
8		24.4	31.48	7.90	6.96	1.84	0.088	0.356	0.008	0.062	0.240	10.0	4.58
11		19.4	32.59	8.16	8.12	0.74	0.207	0.391	0.064	0.062	0.519	9.5	1.13

(Jinju Bay, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		16.2	31.11	8.15	7.79	1.26	0.089	-	0.032	-	-	22.0	3.65
2002		15.5	31.50	7.95	7.74	1.63	0.082	0.337	0.025	0.068	-	6.8	1.40
2003		16.5	30.32	8.23	8.59	1.45	0.086	0.372	0.018	0.067	-	5.2	1.69
2004		16.9	32.06	8.10	7.52	1.44	0.168	0.521	0.011	0.050	0.500	8.7	3.40
2005		16.7	31.51	8.10	8.45	1.63	0.096	0.737	0.020	0.032	0.423	10.2	3.39
2006		17.4	30.90	8.01	8.95	1.56	0.112	0.406	0.030	0.056	0.231	8.0	3.81
2		6.7	30.97	7.95	10.77	0.98	0.010	0.166	0.032	0.049	0.054	5.9	0.96
5		17.2	31.50	8.16	9.02	1.68	0.148	0.506	0.011	0.030	0.211	11.7	6.84
8		27.5	28.76	7.96	7.18	2.44	0.060	0.424	0.016	0.063	0.222	5.3	6.31
11		18.2	32.36	7.98	8.81	1.12	0.228	0.528	0.061	0.083	0.436	9.0	1.14

(Southern coast of Namhae, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		17.2	33.12	8.20	9.04	1.48	0.050	-	0.024	-	-	10.1	0.83
2002		15.8	32.57	8.11	8.32	1.12	0.111	0.318	0.016	0.039	-	24.7	1.12
2003		16.7	32.57	7.99	9.85	1.45	0.069	0.205	0.008	0.036	-	6.3	1.14
2004		16.8	33.52	7.92	8.54	0.87	0.053	0.290	0.007	0.044	0.245	5.3	1.52
2005		17.7	33.30	8.16	8.58	1.00	0.061	0.390	0.010	0.025	0.252	4.5	1.88
2006		16.5	32.44	8.21	9.85	1.01	0.128	0.535	0.011	0.042	0.572	8.3	1.95
2		9.0	33.83	8.27	11.72	0.81	0.085	0.520	0.009	0.046	0.177	9.7	0.70
5		13.2	34.27	8.32	10.75	1.14	0.057	0.428	0.006	0.033	0.504	11.6	3.64
8		25.6	28.47	8.17	8.12	1.23	0.158	0.528	0.003	0.020	1.229	4.0	2.66
11		18.0	33.19	8.06	8.82	0.84	0.212	0.664	0.024	0.068	0.377	8.0	0.79

1. Water Quality of Coasts(33-22)

(Yeosu, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.7	32.60	8.14	8.83	1.85	0.086	-	0.047	-	-	16.2	1.29
2002		15.5	30.63	8.08	8.61	1.63	0.215	0.464	0.032	0.061	-	23.9	1.61
2003		16.2	31.69	7.99	10.66	2.39	0.067	0.228	0.011	0.041	-	7.4	2.67
2004		16.2	33.01	7.82	8.77	1.30	0.078	0.369	0.011	0.067	0.272	6.7	3.02
2005		17.1	31.94	8.14	8.72	1.27	0.076	0.481	0.012	0.042	0.239	5.3	7.08
2006		16.3	31.72	8.17	10.38	1.39	0.198	0.559	0.018	0.051	0.667	12.0	3.10
2		7.3	33.37	8.35	11.43	1.08	0.092	0.668	0.011	0.055	0.348	9.4	0.47
5		14.0	33.91	8.22	10.53	1.72	0.098	0.431	0.008	0.045	0.699	17.4	7.90
8		25.2	26.74	8.05	10.08	1.81	0.196	0.501	0.006	0.037	0.959	3.8	2.99
11		18.8	32.84	8.07	9.46	0.94	0.407	0.636	0.047	0.066	0.660	17.4	1.04

(Yeoja, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		16.4	31.68	8.07	8.78	1.93	0.107	-	0.043	-	-	17.4	2.11
2002		15.2	30.19	8.09	9.00	1.77	0.199	0.480	0.029	0.063	-	34.3	1.97
2003		16.2	30.23	8.03	10.33	2.31	0.063	0.256	0.007	0.048	-	18.7	2.55
2004		16.8	32.05	7.94	8.75	1.54	0.040	0.382	0.008	0.050	0.305	24.1	3.35
2005		16.8	30.94	8.00	9.12	1.52	0.082	0.450	0.015	0.059	0.386	8.0	5.38
2006		17.1	30.86	8.19	10.16	1.62	0.136	0.716	0.015	0.062	0.952	19.3	2.92
2		5.0	33.10	8.27	11.98	1.22	0.083	0.736	0.014	0.063	0.469	41.2	0.23
5		16.0	33.62	8.19	12.10	2.14	0.082	0.547	0.006	0.049	0.999	19.5	8.02
8		30.5	25.02	8.24	7.42	2.47	0.145	0.814	0.007	0.043	1.845	4.1	2.56
11		16.9	31.71	8.04	9.13	0.65	0.235	0.766	0.031	0.092	0.493	12.3	0.87

(Goheung, 6 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		16.4	32.82	8.16	9.36	1.50	0.087	-	0.034	-	-	17.1	1.02
2002		15.3	32.35	8.04	8.53	1.41	0.134	0.361	0.020	0.043	-	31.5	1.16
2003		15.8	32.27	7.84	9.75	1.24	0.075	0.219	0.010	0.042	-	15.7	1.09
2004		16.1	33.20	7.80	8.89	1.19	0.061	0.315	0.009	0.038	0.300	16.3	2.16
2005		16.6	33.10	8.14	8.48	0.90	0.072	0.356	0.013	0.047	0.323	8.8	2.11
2006		8.2	9.77	0.92	0.14	0.54	0.024	0.060	0.653	*****	1.661	8.8	2.11
2		8.3	11.81	0.81	0.10	0.51	0.017	0.052	0.384	*****	0.103	14.5	2.78
5		8.1	8.96	0.94	0.16	0.48	0.014	0.046	1.016	*****	1.594	8.4	1.59
8		8.1	8.91	1.14	0.08	0.53	0.036	0.061	0.813	3.900	2.825	4.8	2.12
11		8.1	9.41	0.77	0.23	0.64	0.027	0.079	0.398	*****	2.121	7.4	1.96

(Jeju, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		20.1	32.48	8.06	7.68	1.05	0.141	-	0.015	-	-	4.3	2.09
2002		17.5	32.96	8.10	8.05	0.75	0.216	0.392	0.011	0.022	-	6.6	1.67
2003		18.9	32.73	8.04	7.84	1.16	0.282	0.547	0.012	0.033	-	7.9	1.72
2004		19.3	33.57	8.10	8.21	1.24	0.104	0.345	0.007	0.027	0.258	3.6	0.66
2005		19.5	33.76	8.14	8.83	0.86	0.071	0.445	0.010	0.050	0.219	4.1	1.32
2006		19.7	32.58	8.09	8.58	0.96	0.101	0.347	0.011	0.038	0.342	2.0	0.80
2		13.5	34.30	7.97	8.82	1.13	0.079	0.622	0.030	0.046	0.426	1.9	1.19
5		15.3	33.80	8.10	8.35	0.27	0.146	0.325	0.003	0.015	0.409	2.1	0.91
8		29.8	28.53	8.18	9.26	2.21	0.066	0.243	-	0.075	0.074	1.5	0.57
11		20.0	33.67	8.10	7.90	0.23	0.111	0.197	0.010	0.017	0.459	2.4	0.53

1. Water Quality of Coasts(33-24)

(Joecheon, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		19.8	32.71	8.12	7.90	1.15	0.084	-	0.014	-	-	4.4	0.62
2002		18.0	33.51	8.11	7.83	0.69	0.106	0.172	0.008	0.016	-	2.2	0.67
2003		18.9	33.37	8.12	7.83	0.69	0.090	0.361	0.004	0.018	-	3.8	1.53
2004		18.9	33.74	8.13	8.47	0.97	0.066	0.332	0.006	0.021	0.347	2.3	0.84
2005		19.5	33.78	8.18	8.73	0.79	0.070	0.462	0.009	0.035	0.237	4.1	0.95
2006		18.8	32.96	8.11	8.12	0.84	0.092	0.389	0.011	0.038	0.379	2.3	0.69
2		13.5	34.67	8.04	8.36	0.98	0.097	0.674	0.030	0.044	0.609	2.5	0.90
5		15.0	33.87	8.10	8.12	0.31	0.097	0.213	0.005	0.013	0.300	1.7	0.78
8		27.1	29.84	8.16	7.88	1.80	0.067	0.437	0.001	0.082	0.139	2.0	0.44
11		19.7	33.44	8.12	8.11	0.26	0.108	0.232	0.006	0.014	0.469	3.1	0.65

(Seongsan, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		19.4	32.56	8.12	8.06	0.97	0.121	-	0.010	-	-	3.9	0.66
2002		18.1	33.47	8.13	7.91	0.87	0.135	0.235	0.008	0.015	-	4.1	1.32
2003		18.1	33.26	8.11	7.81	0.89	0.205	0.479	0.004	0.023	-	3.1	1.44
2004		19.8	33.68	8.09	8.37	0.73	0.061	0.303	0.008	0.017	0.266	2.7	0.93
2005		19.1	33.69	8.18	8.86	0.72	0.076	0.462	0.006	0.024	0.305	5.3	0.92
2006		19.2	33.11	8.11	8.44	0.74	0.065	0.292	0.011	0.054	0.356	2.5	0.87
2		14.6	34.66	7.98	8.06	0.88	0.085	0.456	0.030	0.044	0.474	2.3	1.14
5		14.8	33.40	8.13	8.34	0.48	0.057	0.226	0.002	0.016	0.359	2.7	1.34
8		26.5	30.56	8.18	9.20	1.40	0.060	0.349	0.002	0.146	0.174	2.1	0.42
11		20.7	33.80	8.14	8.16	0.19	0.059	0.136	0.008	0.010	0.417	2.8	0.56

(Pyoseon, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		21.0	32.84	8.12	7.77	0.79	0.071	-	0.010	-	-	4.4	0.73
2002		19.7	33.51	8.15	7.60	0.93	0.087	0.189	0.005	0.011	-	2.4	1.17
2003		20.1	33.39	8.11	7.66	0.72	0.093	0.319	0.006	0.019	-	2.6	0.78
2004		20.2	33.58	8.10	8.46	0.85	0.145	0.412	0.010	0.021	0.218	2.9	1.39
2005		19.7	33.81	8.19	8.75	0.77	0.083	0.460	0.009	0.034	0.264	3.8	1.13
2006		19.9	33.66	8.09	8.15	0.57	0.107	0.282	0.013	0.023	0.268	2.7	1.48
2		14.9	34.42	7.92	8.14	0.91	0.104	0.507	0.038	0.042	0.409	2.6	0.86
5		15.1	33.85	8.12	8.25	0.32	0.040	0.227	0.001	0.018	0.232	2.6	3.12
8		28.0	32.36	8.16	7.96	0.86	0.228	0.268	0.006	0.019	0.088	2.9	1.43
11		21.6	34.02	8.16	8.23	0.17	0.056	0.127	0.005	0.011	0.343	2.5	0.52

(Seogwipo, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		20.9	32.54	8.14	7.88	1.02	0.134	-	0.012	-	-	3.5	2.00
2002		19.3	33.01	8.14	7.75	1.03	0.164	0.359	0.008	0.018	-	2.3	1.60
2003		20.2	33.03	8.12	7.84	1.17	0.298	0.580	0.008	0.040	-	5.0	1.05
2004		20.4	33.70	8.09	8.25	0.97	0.113	0.325	0.009	0.020	0.313	2.4	1.52
2005		19.9	33.77	8.21	8.75	0.80	0.067	0.395	0.010	0.037	0.277	3.6	1.12
2006		20.1	33.40	8.10	8.42	0.59	0.089	0.341	0.014	0.042	0.388	2.6	0.75
2		14.5	34.46	7.98	8.13	0.75	0.084	0.562	0.029	0.044	0.481	2.3	1.04
5		16.1	33.73	8.11	8.30	0.26	0.157	0.421	0.003	0.018	0.421	2.7	1.00
8		27.8	31.30	8.13	8.59	1.16	0.067	0.244	0.017	0.096	0.296	2.4	0.35
11		22.0	34.11	8.16	8.65	0.18	0.047	0.135	0.006	0.011	0.352	3.0	0.61

1. Water Quality of Coasts(33-26)

(Daejeong, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		20.9	32.58	8.16	8.11	0.68	0.054	-	0.006	-	-	4.1	2.38
2002		18.9	33.63	8.14	7.62	0.65	0.105	0.196	0.008	0.017	-	2.0	0.61
2003		19.5	33.68	8.18	7.77	0.81	0.071	0.315	0.004	0.023	-	2.7	0.96
2004		20.3	33.79	8.15	8.12	0.94	0.068	0.260	0.009	0.020	0.188	3.3	0.80
2005		19.5	33.85	8.19	8.65	0.72	0.084	0.475	0.009	0.027	0.258	3.9	1.13
2006		18.9	33.52	8.12	8.43	0.51	0.085	0.298	0.011	0.070	0.378	2.6	0.77
2		14.1	34.14	8.01	8.27	0.73	0.076	0.536	0.029	0.043	0.459	2.4	1.21
5		16.0	34.20	8.14	8.54	0.26	0.116	0.174	0.004	0.024	0.370	2.4	0.85
8		24.1	31.54	8.17	8.36	0.80	0.085	0.340	0.003	0.198	0.300	3.2	0.08
11		21.3	34.18	8.15	8.54	0.24	0.064	0.143	0.009	0.014	0.384	2.2	0.93

(Hallim, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		20.1	32.58	8.12	7.86	0.72	0.137	-	0.008	-	-	4.9	2.50
2002		17.8	33.44	8.13	7.80	0.81	0.149	0.255	0.009	0.023	-	4.3	0.73
2003		18.9	33.37	8.15	7.95	1.09	0.166	0.469	0.005	0.030	-	3.5	2.08
2004		20.2	33.66	8.14	8.21	1.06	0.052	0.286	0.004	0.017	0.188	3.3	0.77
2005		19.6	33.76	8.04	8.75	0.66	0.076	0.377	0.008	0.027	0.273	3.1	1.47
2006		19.1	33.28	8.09	8.24	0.58	0.090	0.290	0.011	0.051	0.341	2.2	1.00
2		13.5	34.16	7.95	8.47	0.56	0.074	0.578	0.027	0.047	0.427	2.3	1.53
5		15.8	34.43	8.12	8.49	0.29	0.104	0.217	0.003	0.022	0.256	2.5	0.87
8		26.2	30.51	8.15	7.94	1.22	0.117	0.225	0.004	0.120	0.260	2.5	0.79
11		20.7	34.01	8.14	8.07	0.24	0.065	0.138	0.010	0.016	0.419	1.6	0.81

(Jindo, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.1	33.34	8.09	8.74	1.07	0.127	-	0.014	-	-	31.3	2.15
2002		14.6	32.40	8.08	8.29	1.20	0.138	0.578	0.012	0.052	-	21.3	2.41
2003		15.1	32.75	8.05	8.74	1.39	0.092	0.313	0.014	0.043	-	16.9	1.67
2004		15.4	33.10	8.26	8.75	1.00	0.125	0.339	0.013	0.046	0.354	29.6	0.97
2005		15.7	32.89	8.07	8.50	0.98	0.157	0.635	0.017	0.054	0.437	19.6	1.54
2006		15.0	33.44	8.20	7.89	0.86	0.201	0.559	0.021	0.046	0.574	20.2	2.05
2		6.8	33.68	8.46	5.86	0.89	0.122	0.619	0.032	0.063	0.506	46.9	0.11
5		13.8	33.06	8.18	10.04	1.00	0.325	0.761	0.022	0.050	0.910	11.0	2.92
8		23.4	32.86	8.10	7.76	0.77	0.173	0.318	0.014	0.042	0.707	3.9	2.82
11		16.0	34.15	8.06	7.91	0.78	0.184	0.537	0.014	0.028	0.174	18.8	2.33

(Haenam Bay, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.3	32.27	8.15	8.74	1.31	0.200	-	0.014	-	-	16.8	3.59
2002		15.3	30.97	8.22	9.31	1.51	0.098	0.530	0.006	0.025	-	14.2	6.00
2003		16.5	30.48	8.12	10.28	1.59	0.116	0.284	0.009	0.018	-	13.1	5.61
2004		15.6	31.40	8.26	9.45	1.29	0.137	0.398	0.006	0.042	0.237	6.9	4.49
2005		15.2	29.64	8.06	8.67	1.15	0.297	0.691	0.019	0.055	0.645	8.8	7.43
2006		15.2	30.45	8.27	8.94	1.27	0.370	1.004	0.019	0.043	0.723	13.0	2.00
2		4.8	32.47	8.56	6.82	1.22	0.162	0.804	0.018	0.039	0.562	12.3	0.49
5		14.8	26.12	8.09	9.92	1.22	1.026	1.686	0.038	0.054	1.554	9.1	2.38
8		25.9	29.80	8.34	11.01	1.88	0.113	0.852	0.004	0.041	0.524	3.9	2.82
11		15.4	33.41	8.10	8.01	0.74	0.180	0.674	0.016	0.037	0.253	26.8	2.30

1. Water Quality of Coasts(33-28)

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(Mokpo, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		15.3	30.64	8.12	8.82	1.37	0.269	-	0.010	-	-	17.0	6.27
2002		15.2	29.99	8.21	8.88	1.86	0.149	0.443	0.007	0.031	-	11.3	6.12
2003		15.6	28.67	8.09	9.19	1.89	0.210	0.381	0.008	0.036	-	20.4	4.76
2004		15.8	31.33	8.24	9.24	1.77	0.141	0.393	0.011	0.045	0.282	15.5	3.02
2005		15.1	31.00	8.02	8.84	1.29	0.310	0.711	0.027	0.071	0.664	13.4	7.72
2006		15.4	27.53	8.20	8.80	1.45	0.677	1.231	0.031	0.065	0.985	10.7	3.82
2		4.3	32.23	8.48	9.03	1.34	0.182	0.694	0.018	0.058	0.498	17.6	1.46
5		15.4	19.70	7.97	8.02	1.57	1.429	2.199	0.068	0.096	1.772	9.4	8.39
8		25.8	24.81	8.28	10.26	2.38	0.845	1.236	0.020	0.062	1.282	3.9	2.82
11		15.9	33.38	8.06	7.90	0.49	0.250	0.794	0.019	0.043	0.389	11.8	2.61

(Sinan, 2 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		14.8	33.24	8.09	8.95	1.44	0.179	-	0.013	-	-	32.7	2.82
2002		14.4	31.73	8.09	8.21	1.36	0.155	0.529	0.014	0.044	-	21.2	2.63
2003		15.1	31.70	8.04	8.77	1.33	0.138	0.371	0.009	0.026	-	15.0	2.22
2004		15.1	32.34	8.23	8.74	1.20	0.171	0.380	0.015	0.051	0.391	32.6	0.94
2005		15.2	32.71	8.00	8.61	1.05	0.207	0.617	0.019	0.061	0.472	30.4	2.17
2006		14.7	32.35	8.05	7.12	0.86	0.286	0.740	0.026	0.054	0.764	21.4	1.94
2		4.6	33.00	8.49	5.78	1.20	0.190	0.808	0.030	0.088	0.514	42.1	0.20
5		14.2	31.37	8.08	8.92	0.92	0.449	1.025	0.028	0.062	1.454	15.7	2.26
8		24.5	31.38	7.53	5.84	0.94	0.147	0.586	0.014	0.034	0.574	3.9	2.82
11		15.6	33.66	8.10	7.92	0.38	0.358	0.540	0.033	0.032	0.514	23.7	2.49

(Muan, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		15.7	32.16	8.09	8.55	1.30	0.209	-	0.014	-	-	27.7	5.22
2002		14.9	30.96	8.10	8.01	1.33	0.149	0.507	0.012	0.039	-	17.4	3.52
2003		15.6	30.47	8.02	8.76	1.69	0.159	0.310	0.011	0.026	-	23.3	3.02
2004		15.3	31.39	8.24	9.06	1.30	0.137	0.376	0.014	0.061	0.370	28.9	1.30
2005		15.0	32.15	7.94	8.78	1.04	0.192	0.601	0.017	0.055	0.493	23.8	4.04
2006		15.0	31.35	8.15	8.24	1.00	0.268	0.833	0.022	0.057	0.682	25.8	2.35
2		3.1	32.45	8.53	8.90	1.62	0.089	0.575	0.019	0.068	0.368	60.9	1.17
5		15.6	30.61	8.07	7.94	0.87	0.454	1.345	0.024	0.046	1.212	18.2	2.68
8		27.2	28.83	7.91	7.93	1.20	0.204	0.874	0.016	0.072	0.698	3.7	3.09
11		14.1	33.51	8.10	8.17	0.29	0.324	0.539	0.029	0.043	0.449	20.4	2.46

(Gochang, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		16.1	31.36	8.23	8.06	1.40	0.296	-	0.015	-	-	57.4	4.81
2002		14.7	31.28	8.20	8.62	1.48	0.422	0.692	0.028	0.095	-	65.6	3.54
2003		15.1	30.48	8.05	8.75	1.47	0.166	0.594	0.031	0.089	-	42.3	6.70
2004		15.1	31.37	8.13	9.05	1.70	0.167	0.558	0.040	0.089	0.369	98.9	1.58
2005		15.7	30.37	8.23	8.71	1.91	0.306	0.658	0.036	0.075	0.381	55.5	1.34
2006		15.4	31.54	8.04	9.81	1.38	0.139	0.553	0.023	0.063	0.260	23.8	4.88
2		6.4	31.59	8.13	11.15	1.94	0.228	0.488	0.015	0.057	0.329	14.2	3.80
5		14.3	31.96	8.08	9.23	1.26	0.096	0.265	0.034	0.064	0.125	25.6	0.93
8		27.2	30.45	8.05	10.20	1.43	0.035	1.108	0.003	0.019	0.039	10.6	12.47
11		13.6	32.14	7.90	8.64	0.90	0.195	0.349	0.039	0.113	0.548	44.9	2.32

1. Water Quality of Coasts(33-30)

(Jeonjupo, 6 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		17.5	31.48	8.12	7.57	1.23	0.210	-	0.013	-	-	12.7	2.90
2002		14.0	30.88	8.20	8.89	1.36	0.351	0.524	0.029	0.071	-	29.3	4.17
2003		14.0	30.46	8.06	8.82	1.44	0.176	0.658	0.027	0.061	-	32.0	6.56
2004		13.9	31.18	8.14	9.03	1.57	0.174	0.517	0.027	0.067	0.302	29.5	1.35
2005		14.8	31.00	8.31	8.71	1.39	0.173	0.493	0.038	0.076	0.377	45.8	1.45
2006		13.9	31.23	8.15	10.19	1.35	0.155	0.539	0.024	0.055	0.298	11.2	2.28
2		4.9	32.00	8.20	10.97	1.91	0.243	0.401	0.021	0.043	0.362	6.9	2.38
5		11.5	31.60	8.15	9.91	1.27	0.115	0.310	0.028	0.051	0.122	11.5	0.15
8		24.9	29.37	8.17	10.58	0.92	0.059	0.944	0.006	0.009	0.147	5.9	4.99
11		14.1	31.94	8.08	9.30	1.31	0.201	0.500	0.041	0.118	0.560	20.6	1.59

(Gunsan, 10 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		21.1	27.47	7.97	7.81	1.67	0.435	-	0.017	-	-	30.3	5.70
2002		13.9	24.98	8.12	8.38	1.72	0.846	1.145	0.038	0.101	-	47.5	5.54
2003		14.4	25.89	8.13	8.44	1.74	0.667	1.146	0.051	0.086	-	25.9	5.94
2004		14.1	28.48	8.01	8.87	1.70	0.386	0.754	0.028	0.075	0.429	30.6	1.92
2005		15.4	28.69	8.20	8.91	1.53	0.270	0.629	0.038	0.079	0.553	47.9	1.43
2006		13.9	27.87	8.13	8.92	1.72	0.482	0.840	0.035	0.074	0.575	11.3	6.04
2		4.6	29.38	8.16	10.84	1.62	0.500	0.679	0.026	0.056	0.446	7.0	3.77
5		11.7	30.12	8.10	9.64	1.75	0.347	0.685	0.034	0.064	0.116	8.5	1.96
8		25.6	22.43	8.23	9.69	1.86	0.593	1.235	0.025	0.047	1.145	12.8	16.48
11		13.5	29.54	8.02	5.50	1.66	0.486	0.759	0.054	0.129	0.591	17.0	1.95

(Boryeong, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		15.1	31.28	7.98	7.98	1.26	0.103	-	0.012	-	-	21.9	0.61
2002		14.1	31.20	8.03	7.93	1.18	0.089	0.334	0.023	0.054	-	15.5	1.55
2003		14.3	29.91	8.07	8.98	1.87	0.177	0.724	0.016	0.045	-	18.5	1.42
2004		14.6	30.57	8.00	9.23	1.30	0.088	0.416	0.012	0.025	0.250	11.6	1.40
2005		15.9	30.68	8.23	9.54	1.62	0.125	0.742	0.015	0.048	0.260	10.4	18.81
2006		13.5	31.41	8.24	9.49	1.14	0.138	0.466	0.016	0.038	0.385	20.3	6.82
2		3.6	31.86	8.14	11.14	0.79	0.267	0.461	0.025	0.044	0.348	31.6	1.21
5		10.9	31.55	8.15	10.74	0.77	0.146	0.372	0.019	0.031	0.121	16.4	1.01
8		25.3	29.61	8.56	7.92	2.27	0.028	0.644	0.005	0.038	0.546	17.6	23.62
11		14.3	32.60	8.12	8.14	0.72	0.110	0.388	0.014	0.037	0.526	15.6	1.42

(Cheonsu Bay, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (μg/L)
2001		15.2	31.26	7.90	7.74	1.34	0.140	-	0.016	-	-	19.1	0.99
2002		14.2	30.86	8.13	7.97	1.33	0.105	0.333	0.022	0.057	-	19.0	2.54
2003		14.3	29.89	8.01	9.29	2.03	0.147	0.642	0.013	0.048	-	8.6	4.44
2004		15.0	30.22	8.07	10.01	1.87	0.059	0.388	0.010	0.024	0.245	13.3	4.92
2005		16.4	30.30	8.19	9.57	1.59	0.098	0.787	0.014	0.049	0.285	12.6	18.28
2006		14.1	31.03	8.20	9.39	1.28	0.112	0.495	0.017	0.047	0.438	18.0	6.46
2		3.7	31.55	8.30	12.28	0.90	0.151	0.463	0.015	0.045	0.180	18.5	2.93
5		11.7	31.65	8.17	11.32	1.35	0.087	0.377	0.018	0.037	0.175	13.0	4.97
8		26.8	28.38	8.26	7.55	2.13	0.063	0.688	0.011	0.059	0.824	22.4	16.12
11		14.2	32.53	8.07	6.42	0.72	0.147	0.453	0.024	0.047	0.571	18.0	1.83

1. Water Quality of Coasts(33-32)

(Taeon, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		13.8	31.37	7.89	7.91	1.21	0.149	-	0.018	-	-	16.5	0.41
2002		13.1	31.39	8.03	8.16	1.16	0.101	0.275	0.022	0.056	-	17.3	2.65
2003		12.9	30.82	8.01	9.59	1.51	0.132	0.569	0.015	0.037	-	14.9	2.13
2004		13.5	30.71	7.97	9.66	1.36	0.120	0.378	0.012	0.024	0.252	11.7	2.07
2005		14.3	31.16	8.13	8.94	1.17	0.149	0.595	0.016	0.035	0.222	10.0	3.34
2006		12.9	31.65	8.22	9.54	1.00	0.195	0.451	0.018	0.041	0.286	18.8	3.17
2		3.3	31.64	8.07	10.92	0.71	0.378	0.519	0.031	0.057	0.436	35.8	0.57
5		9.5	31.58	8.11	11.44	0.78	0.221	0.396	0.020	0.032	0.126	11.6	1.24
8		23.4	30.86	8.56	7.85	1.78	0.035	0.513	0.006	0.044	0.284	14.0	9.69
11		15.4	32.51	8.13	7.93	0.74	0.146	0.374	0.014	0.029	0.298	13.8	1.19

가 (Garolim, 3 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2001		13.1	31.45	7.83	7.71	1.08	0.152	-	0.015	-	-	24.9	0.48
2002		12.5	31.33	8.04	8.28	1.10	0.155	0.231	0.028	0.071	-	22.5	1.46
2003		12.1	30.89	7.96	9.67	1.54	0.185	0.537	0.018	0.038	-	17.6	2.18
2004		13.2	30.59	7.97	9.41	1.31	0.222	0.450	0.016	0.030	0.270	19.0	1.65
2005		13.7	31.35	8.05	8.88	0.95	0.217	0.596	0.018	0.040	0.182	13.5	2.10
2006		12.3	31.66	8.10	9.64	0.74	0.196	0.409	0.018	0.035	0.198	15.9	1.40
2		3.0	31.50	8.14	11.45	0.70	0.326	0.515	0.021	0.045	0.382	20.7	0.98
5		8.8	31.39	8.09	11.29	0.54	0.303	0.395	0.026	0.033	0.150	10.3	0.97
8		22.2	31.39	8.06	7.89	0.93	0.052	0.387	0.005	0.031	0.033	16.5	2.29
11		15.3	32.35	8.12	7.92	0.78	0.104	0.339	0.019	0.031	0.228	16.0	1.36

(Daesan, 4 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		13.0	30.92	7.82	7.62	1.38	0.198	-	0.019	-	-	21.4	0.50
2002		12.4	30.88	8.01	8.05	0.81	0.177	0.324	0.028	0.063	-	20.8	1.51
2003		12.2	30.45	7.96	9.55	1.61	0.261	0.674	0.021	0.044	-	15.8	1.89
2004		13.2	30.23	7.99	9.51	1.27	0.228	0.506	0.016	0.027	0.859	16.9	1.84
2005		13.7	30.84	8.07	8.92	1.15	0.270	0.662	0.019	0.043	0.211	11.9	2.47
2006		12.4	31.22	8.03	9.83	0.86	0.246	0.498	0.020	0.037	0.202	17.7	1.33
2		2.5	31.06	8.12	11.64	0.88	0.457	0.639	0.028	0.057	0.399	32.2	1.13
5		9.8	31.28	8.12	11.26	0.67	0.292	0.459	0.019	0.027	0.092	7.4	0.37
8		22.2	30.51	7.79	8.56	1.17	0.079	0.485	0.004	0.026	0.007	16.4	2.47
11		15.2	32.02	8.10	7.86	0.70	0.154	0.407	0.027	0.039	0.311	14.6	1.35

(Asan, 5 stations)

	Layer	Temp. ()	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg P/mL)	SiO ₂ -Si	SPM (mg /L)	Chl-a (µg/L)
2001		13.5	30.12	7.82	7.73	1.21	0.302	-	0.019	-	-	20.4	0.68
2002		12.6	29.69	8.02	8.17	1.01	0.297	0.381	0.030	0.077	-	19.9	1.56
2003		12.7	29.48	7.92	9.44	1.68	0.458	0.855	0.023	0.049	-	19.8	1.74
2004		13.6	29.63	8.04	10.20	1.63	0.253	0.618	0.014	0.029	0.199	13.0	4.22
2005		14.1	29.69	8.09	8.87	1.44	0.405	0.958	0.022	0.046	0.263	14.8	4.68
2006		13.1	30.45	8.14	9.79	1.13	0.345	0.611	0.019	0.042	0.241	14.9	1.54
2		2.5	30.72	8.13	12.57	1.20	0.511	0.693	0.019	0.044	0.326	17.6	1.33
5		12.4	30.15	8.18	10.32	1.17	0.451	0.710	0.014	0.041	0.091	8.6	0.87
8		23.0	29.21	8.19	8.16	1.39	0.178	0.565	0.008	0.037	0.141	16.0	2.49
11		14.5	31.72	8.07	8.12	0.74	0.238	0.474	0.034	0.046	0.404	17.4	1.47

2. 항만의 수질현황(20-1)

[동해]-항만환경측정망

▣ 거진항(Geojin Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (%)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.6	32.55	8.29	9.84	1.48	0.107	0.423	0.011	0.028	0.244	3.2	0.50
	저층	13.7	33.47	8.03	9.97	1.26	0.093	0.464	0.016	0.028	0.211		
2005	표층	13.1	32.14	7.82	8.89	1.78	0.110	0.380	0.009	0.073	0.172	3.8	7.31
	저층	11.7	32.66	7.83	9.25	1.40	0.160	0.387	0.014	0.083	0.255		
2006	표층	12.8	32.86	8.10	10.52	1.86	0.095	0.320	0.013	0.028	0.129	3.1	3.0
	저층	9.9	33.53	7.95	10.31	1.41	0.080	0.221	0.008	0.024	0.158	4.3	3.2
2	표층	2.7	33.26	8.16	11.29	2.08	0.098	0.404	0.008	0.027	0.198	2.7	1.68
	저층	2.7	33.48	8.16	11.51	1.80	0.093	0.266	0.007	0.025	0.206	4.8	1.86
8	표층	23.0	32.47	8.03	9.74	1.64	0.091	0.236	0.017	0.028	0.059	3.4	4.39
	저층	17.1	33.58	7.73	9.11	1.01	0.068	0.176	0.009	0.023	0.110	3.8	4.58

▣ 속초항(Sokcho Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (%)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.3	32.96	8.10	9.57	2.26	0.145	0.456	0.007	0.029	0.252	4.8	1.13
	저층	12.6	33.23	8.08	9.81	1.34	0.147	0.359	0.006	0.023	0.231		
2005	표층	14.4	30.41	7.89	9.02	1.24	0.148	0.440	0.012	0.037	0.315	8.1	9.29
	저층	13.3	31.63	7.61	9.06	2.46	0.083	0.325	0.023	0.079	0.287		
2006	표층	15.0	32.75	8.25	9.63	1.05	0.117	0.266	0.015	0.027	0.119	3.8	3.3
	저층	8.6	33.61	8.18	9.72	1.35	0.097	0.267	0.009	0.026	0.138	3.1	3.4
2	표층	3.7	33.48	8.13	10.69	1.04	0.092	0.250	0.011	0.029	0.173	1.7	0.70
	저층	3.7	33.51	8.13	11.18	1.52	0.092	0.323	0.008	0.026	0.208	1.60	1.188
8	표층	26.3	32.02	8.36	8.56	1.05	0.142	0.283	0.019	0.026	0.065	5.8	5.96
	저층	13.5	33.72	8.23	8.25	1.17	0.102	0.211	0.011	0.026	0.068	4.60	5.56

2. 항만의 수질현황(20-2)

▣ 청초항(Cheongcho Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.7	31.55	8.03	9.55	1.36	0.240	0.464	0.006	0.028	0.429	5.2	0.77
	저층	12.8	32.82	7.89	9.56	0.70	0.207	0.341	0.003	0.026	0.382		
2005	표층	14.3	31.38	7.80	8.47	2.88	0.253	0.509	0.011	0.059	0.235	11.3	22.51
	저층	11.6	61.90	7.82	8.46	2.34	0.148	0.394	0.011	0.056	0.231		
2006	표층	16.0	30.35	8.58	10.96	2.61	0.060	0.483	0.014	0.051	0.117	6.2	4.9
	저층	10.9	33.37	7.88	8.64	2.74	0.042	0.617	0.012	0.051	0.090	5.5	4.7
2	표층	3.9	33.30	8.18	11.80	1.32	0.016	0.516	0.001	0.056	0.069	6.4	1.02
	저층	4.0	33.84	8.15	11.68	2.00	0.014	0.768	0.001	0.050	0.028	6.00	0.836
8	표층	28.0	27.39	8.98	10.12	3.89	0.104	0.450	0.028	0.045	0.165	5.9	8.69
	저층	17.8	32.90	7.60	5.60	3.49	0.071	0.465	0.023	0.051	0.152	5.10	8.56

▣ 주문진항(Jumunjin Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.2	33.01	8.03	9.66	0.68	0.187	0.422	0.006	0.025	0.156	5.3	0.53
	저층	13.0	32.66	7.99	9.33	0.98	0.134	0.546	0.009	0.044	0.136		
2005	표층	14.0	31.47	7.89	8.68	1.82	0.119	0.332	0.007	0.051	0.386	4.2	7.81
	저층	13.9	31.60	7.94	8.93	2.29	0.131	0.445	0.015	0.079	0.329		
2006	표층	13.4	32.96	8.15	9.18	1.13	0.107	0.319	0.008	0.032	0.164	3.1	1.1
	저층	7.6	33.69	7.93	8.84	1.51	0.094	0.281	0.008	0.036	0.159	2.3	1.2
2	표층	3.7	33.58	8.05	9.66	1.16	0.099	0.408	0.011	0.039	0.241	2.9	0.81
	저층	4.0	33.60	7.83	8.91	2.00	0.087	0.359	0.008	0.052	0.205	1.80	1,042
8	표층	23.1	32.34	8.25	8.71	1.10	0.116	0.231	0.005	0.024	0.087	3.4	1.47
	저층	11.1	33.78	8.04	8.77	1.03	0.102	0.204	0.007	0.019	0.113	2.72	1,258

2. Water Quality of Ports(20-3)

▣ 묵호항(Mukho Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	16.9	32.87	8.17	9.80	1.14	0.149	0.400	0.007	0.021	0.209	5.5	0.93
	저층	13.6	33.26	8.07	9.72	1.68	0.136	0.389	0.004	0.017	0.192		
2005	표층	14.2	32.51	7.87	8.88	2.22	0.125	0.213	0.011	0.030	0.311	4.1	3.08
	저층	12.9	32.78	7.82	9.05	2.16	0.171	0.346	0.012	0.069	0.347		
2006	표층	15.7	31.92	8.28	10.06	2.36	0.239	0.516	0.014	0.051	0.226	2.9	2.9
	저층	10.7	33.50	8.18	9.82	2.21	0.132	0.383	0.010	0.030	0.156	3.3	3.8
2	표층	5.8	33.46	8.09	10.21	2.20	0.186	0.642	0.013	0.069	0.269	1.7	1.01
	저층	6.1	33.54	8.06	10.15	2.44	0.160	0.452	0.012	0.031	0.250	2.80	1,698
8	표층	25.7	30.38	8.47	9.91	2.53	0.292	0.390	0.015	0.033	0.182	4.0	4.86
	저층	15.3	33.47	8.29	9.49	1.97	0.104	0.313	0.009	0.029	0.063	3.80	5,874

▣ 북평항(Bukpyeong Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	16.7	33.30	8.10	9.57	1.84	0.078	0.367	0.008	0.025	0.138	5.2	0.58
	저층	12.2	32.69	7.81	9.91	1.84	0.049	0.365	0.003	0.017	0.165		
2005	표층	16.0	32.22	7.87	8.77	0.62	0.167	0.217	0.015	0.026	0.337	5.2	3.56
	저층	12.9	32.48	7.82	9.07	1.74	0.127	0.298	0.010	0.072	0.358		
2006	표층	12.7	33.01	8.20	9.83	1.61	0.101	0.264	0.010	0.022	0.124	2.4	2.7
	저층	8.7	33.68	8.12	9.91	1.93	0.089	0.357	0.010	0.022	0.152	2.0	2.5
2	표층	5.4	33.83	8.11	10.40	2.16	0.129	0.274	0.010	0.019	0.203	1.9	1.14
	저층	5.3	33.85	8.09	10.73	2.00	0.119	0.496	0.009	0.025	0.210	1.70	0.67
8	표층	20.1	32.19	8.29	9.25	1.05	0.073	0.253	0.010	0.026	0.044	3.0	4.25
	저층	12.1	33.51	8.15	9.08	1.85	0.059	0.218	0.010	0.019	0.094	2.20	4.33

2. 항만의 수질현황(20-4)

▣ 삼척항(Samcheok Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.5	31.59	8.18	9.63	1.90	0.168	0.525	0.009	0.017	0.207	3.0	0.53
	저층	16.2	32.97	8.12	9.63	1.42	0.147	0.330	0.008	0.016	0.225		
2005	표층	14.6	32.51	7.86	9.13	1.48	0.183	0.354	0.015	0.031	0.437	3.1	2.28
	저층	13.7	32.60	7.83	8.99	0.90	0.120	0.269	0.011	0.014	0.380		
2006	표층	12.8	32.78	8.19	9.82	1.04	0.237	0.292	0.016	0.029	0.217	3.1	2.9
	저층	10.6	33.56	8.14	9.88	1.48	0.132	0.259	0.014	0.021	0.183	2.3	2.5
2	표층	6.4	33.90	8.11	10.07	0.40	0.145	0.249	0.011	0.027	0.270	1.9	1.62
	저층	6.4	33.80	8.06	10.17	0.80	0.132	0.308	0.010	0.020	0.256	1.40	1.22
8	표층	19.3	31.65	8.26	9.57	1.69	0.328	0.335	0.021	0.031	0.164	4.4	4.21
	저층	14.8	33.32	8.21	9.59	2.17	0.132	0.210	0.018	0.021	0.110	3.20	3.81

▣ 임원항(Imweon Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.7	33.31	8.10	9.43	1.42	0.178	0.607	0.011	0.020	0.265	9.4	0.68
	저층	15.4	33.62	8.03	8.98	1.44	0.178	0.576	0.011	0.020	0.255		
2005	표층	16.5	30.97	7.87	8.70	1.84	0.170	0.242	0.019	0.067	0.396	5.2	1.28
	저층	15.4	32.24	7.86	8.93	1.04	0.064	0.335	0.012	0.071	0.338		
2006	표층	14.2	33.00	8.13	9.34	1.76	0.168	0.383	0.015	0.031	0.281	2.4	2.8
	저층	11.6	33.62	8.06	9.78	1.19	0.117	0.344	0.011	0.029	0.195	2.2	2.1
2	표층	9.1	34.14	8.14	9.66	1.72	0.136	0.443	0.011	0.024	0.325	1.1	1.39
	저층	9.2	34.09	8.13	9.80	1.16	0.135	0.448	0.011	0.027	0.310	1.30	0.806
8	표층	19.3	31.87	8.11	9.01	1.81	0.200	0.324	0.019	0.038	0.236	3.6	4.23
	저층	14.1	33.14	7.99	9.75	1.21	0.098	0.240	0.011	0.031	0.079	3.10	3.38

2. Water Quality of Ports(20-5)

▣ 죽변항(Jukbyeon Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.7	32.81	7.78	10.07	1.76	0.106	0.140	0.023	0.035	0.149	3.3	3.87
	저층	17.1	32.98	7.72	9.28	2.26	0.114	0.167	0.025	0.040	0.149		
2005	표층	14.7	33.38	7.95	9.10	0.84	0.086	0.118	0.014	0.026	0.199	9.1	2.20
	저층	14.5	33.51	7.78	8.79	0.66	0.094	0.136	0.023	0.027	0.190		
2006	표층	15.1	33.06	7.97	8.88	0.76	0.100	0.229	0.014	0.028	0.157	9.5	3.2
	저층	13.9	33.75	7.82	7.80	0.85	0.124	0.407	0.014	0.027	0.162	10.3	3.7
2	표층	7.4	33.51	7.99	8.77	0.56	0.173	0.249	0.025	0.030	0.302	6.5	1.91
	저층	8.2	33.80	7.85	7.74	0.56	0.204	0.228	0.026	0.036	0.312	6.80	2.14
8	표층	22.9	32.61	7.95	8.99	0.96	0.026	0.209	0.002	0.026	0.011	12.4	4.55
	저층	19.7	33.69	7.78	7.85	1.14	0.043	0.586	0.002	0.018	0.012	13.70	5.31

▣ 후포항(Hupo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.4	33.57	7.79	9.96	2.32	0.073	0.143	0.016	0.032	0.142	6.1	0.48
	저층	17.4	33.16	7.79	9.80	1.70	0.064	0.164	0.016	0.041	0.135		
2005	표층	17.4	33.61	7.99	9.35	0.67	0.029	0.086	0.008	0.018	0.143	7.0	1.35
	저층	13.3	33.86	7.90	8.63	0.73	0.038	0.273	0.006	0.020	0.158		
2006	표층	14.6	33.21	7.95	9.22	1.25	0.100	0.233	0.012	0.021	0.150	12.0	1.5
	저층	12.8	33.72	7.87	8.76	0.75	0.070	0.293	0.003	0.022	0.137	11.4	1.8
2	표층	8.5	33.74	7.94	9.58	0.44	0.142	0.151	0.022	0.028	0.285	7.0	1.24
	저층	8.5	33.81	7.87	8.73	0.48	0.112	0.181	0.005	0.028	0.261	6.20	1.9
8	표층	20.6	32.67	7.96	8.85	2.06	0.058	0.314	0.002	0.013	0.015	17.0	1.85
	저층	17.1	33.63	7.86	8.79	1.02	0.027	0.404	0.001	0.015	0.013	16.60	1.67

2. 항만의 수질현황(20-6)

▣ 축산항(Chuksan Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.3	32.93	7.78	10.54	3.05	0.050	0.169	0.018	0.038	0.155	5.0	11.83
	저층	17.9	33.12	7.73	10.15	1.65	0.053	0.170	0.016	0.024	0.156		
2005	표층	15.9	33.36	7.97	9.45	1.03	0.095	0.177	0.013	0.036	0.193	7.4	5.74
	저층	15.9	33.54	7.93	9.17	0.81	0.112	0.296	0.017	0.036	0.201		
2006	표층	14.5	33.27	7.96	9.24	1.62	0.128	0.381	0.016	0.038	0.167	13.5	3.4
	저층	13.3	33.55	7.89	8.48	1.09	0.110	0.397	0.009	0.035	0.162	13.6	5.5
2	표층	7.9	33.70	7.93	9.45	0.92	0.240	0.256	0.030	0.050	0.326	9.0	2.52
	저층	7.8	33.80	7.87	8.43	0.72	0.177	0.279	0.016	0.049	0.311	9.90	7.09
8	표층	21.0	32.84	7.99	9.03	2.32	0.015	0.505	0.002	0.026	0.008	18.0	4.28
	저층	18.8	33.30	7.90	8.53	1.46	0.042	0.514	0.002	0.021	0.012	17.30	3.96

▣ 강구항(Ganggu Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	19.1	31.86	7.79	10.77	2.19	0.255	0.456	0.022	0.049	0.223	8.4	17.03
	저층	18.8	33.06	7.77	9.78	2.21	0.158	0.285	0.020	0.024	0.186		
2005	표층	17.4	17.74	7.97	9.40	1.13	0.255	0.271	0.032	0.045	0.792	6.3	1.34
	저층	16.9	20.91	7.93	8.87	1.27	0.314	0.323	0.035	0.057	0.852		
2006	표층	15.5	32.78	7.86	9.70	1.67	0.303	0.828	0.017	0.042	0.733	11.5	3.1
	저층	12.4	33.25	7.78	8.65	1.76	0.134	0.344	0.003	0.031	0.303	12.7	3.9
2	표층	9.4	32.80	7.79	9.92	0.80	0.236	0.469	0.012	0.037	0.472	8.6	4.02
	저층	9.7	33.33	7.81	8.78	1.32	0.097	0.176	0.002	0.028	0.297	9.70	7
8	표층	21.6	32.76	7.92	9.48	2.54	0.370	1.186	0.021	0.046	0.993	14.4	2.13
	저층	15.1	33.16	7.75	8.52	2.20	0.171	0.512	0.004	0.034	0.308	15.60	0.74

2. Water Quality of Ports(20-7)

▣ 포항구항(Pohang Old Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.3	32.63	7.91	9.56	2.46	0.164	0.314	0.011	0.061	0.092	6.2	11.96
	저층	16.8	32.76	7.84	8.83	2.32	0.176	0.247	0.015	0.053	0.126		
2005	표층	13.9	33.05	7.78	8.86	0.71	0.253	0.303	0.030	0.048	0.368	4.9	0.54
	저층	12.1	33.78	7.69	8.37	1.07	0.198	0.303	0.028	0.047	0.348		
2006	표층	15.3	32.63	7.97	9.46	1.56	0.220	1.033	0.008	0.048	0.200	12.8	10.3
	저층	10.9	32.43	7.85	9.20	2.62	0.109	0.419	0.006	0.029	0.186	14.7	12.9
2	표층	8.4	32.90	8.02	9.81	1.00	0.187	0.471	0.013	0.044	0.239	7.8	4.88
	저층	8.3	31.57	7.89	9.64	0.72	0.113	0.197	0.009	0.029	0.203	10.00	5.28
8	표층	22.2	32.36	7.92	9.11	2.12	0.252	1.594	0.003	0.052	0.161	17.8	15.79
	저층	13.5	33.28	7.81	8.76	4.52	0.104	0.641	0.002	0.029	0.169	19.40	20.49

▣ 포항신항(Pohang New Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.6	33.18	7.96	10.82	1.12	0.036	0.092	0.002	0.013	0.058	4.7	4.22
	저층	16.4	33.57	7.85	10.59	0.86	0.065	0.091	0.004	0.014	0.116		
2005	표층	15.6	32.75	7.82	9.37	0.45	0.239	0.321	0.018	0.031	0.360	4.9	0.70
	저층	12.0	33.79	7.82	8.90	0.41	0.108	0.171	0.008	0.023	0.268		
2006	표층	13.4	33.08	7.95	9.59	1.88	0.054	0.292	0.006	0.020	0.131	12.9	8.2
	저층	9.5	33.61	7.84	8.58	1.15	0.077	0.260	0.006	0.015	0.125	13.6	5.8
2	표층	7.6	33.42	8.00	9.90	0.80	0.067	0.130	0.003	0.016	0.161	8.6	7.05
	저층	7.0	33.54	7.95	9.35	0.56	0.072	0.138	0.003	0.015	0.153	9.30	7.76
8	표층	19.2	32.74	7.90	9.27	2.96	0.040	0.453	0.009	0.024	0.100	17.2	9.28
	저층	12.0	33.67	7.72	7.81	1.74	0.081	0.382	0.009	0.014	0.097	17.90	3.91

2. 항만의 수질현황(20-8)

▣ 구룡포항(Guryongpo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.5	33.24	7.95	11.11	1.35	0.087	0.303	0.013	0.040	0.194	10.2	2.83
	저층	18.3	33.48	7.88	10.31	3.05	0.094	0.261	0.008	0.034	0.198		
2005	표층	14.7	33.61	7.97	9.69	1.33	0.066	0.110	0.011	0.024	0.302	7.9	1.90
	저층	14.7	33.76	7.94	8.92	0.62	0.056	0.106	0.012	0.023	0.235		
2006	표층	12.8	32.78	7.88	9.28	0.77	0.073	0.176	0.012	0.026	0.207	13.2	1.2
	저층	10.7	33.28	7.72	9.02	0.64	0.088	0.183	0.010	0.025	0.208	12.7	2.8
2	표층	8.3	33.45	7.86	8.91	0.58	0.125	0.161	0.023	0.028	0.316	8.6	1.30
	저층	8.0	33.84	7.71	8.74	0.54	0.127	0.175	0.018	0.032	0.308	8.50	4.96
8	표층	17.3	32.10	7.90	9.64	0.96	0.020	0.191	0.001	0.024	0.098	17.8	1.08
	저층	13.5	32.72	7.72	9.29	0.74	0.049	0.190	0.002	0.018	0.108	16.80	0.62

▣ 감포항(Gampo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.8	33.46	7.94	10.61	3.01	0.064	0.217	0.008	0.041	0.142	10.7	2.59
	저층	18.3	33.71	7.84	10.09	2.09	0.056	0.271	0.007	0.042	0.140		
2005	표층	14.7	33.71	7.84	9.31	0.86	0.080	0.105	0.013	0.045	0.178	4.6	2.48
	저층	13.9	33.81	7.80	8.66	0.52	0.071	0.105	0.009	0.036	0.161		
2006	표층	14.1	33.11	7.85	9.25	0.92	0.085	0.299	0.012	0.036	0.222	11.6	2.2
	저층	13.3	33.55	7.74	8.96	1.28	0.064	0.163	0.014	0.047	0.209	12.5	5.1
2	표층	10.3	33.53	7.81	9.05	0.46	0.077	0.094	0.015	0.026	0.272	9.6	1.0
	저층	10.3	33.77	7.73	8.86	0.90	0.077	0.098	0.016	0.025	0.278	9.7	1.2
8	표층	17.9	32.69	7.89	9.45	1.38	0.093	0.504	0.009	0.046	0.171	13.5	3.35
	저층	16.3	33.32	7.75	9.06	1.66	0.051	0.228	0.012	0.068	0.140	15.20	9.04

2. Water Quality of Ports(20-9)

[남해]-항만환경측정망

▣울산항(Ulsan Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	19.5	32.13	8.04	7.83	2.42	0.172	0.527	0.029	0.069	0.331	5.3	3.10
	저층	17.6	33.29	7.93	6.77	2.13	0.175	0.572	0.041	0.062	0.240		
2005	표층	13.4	31.11	7.85	9.25	1.99	0.247	0.794	0.071	0.147	0.290	4.9	2.89
	저층	11.6	33.07	8.00	12.66	1.83	0.308	0.702	0.039	0.085	0.397		
2006	표층	16.0	31.36	8.14	9.66	3.23	0.238	0.597	0.030	0.048	0.027	8.7	9.0
	저층	12.4	33.53	7.83	7.08	1.27	0.280	0.431	0.036	0.046	0.214	6.1	3.6
2	표층	10.8	32.76	7.94	8.41	1.48	0.380	0.554	0.054	0.062	0.010	7.3	1.51
	저층	11.2	33.31	7.97	8.82	1.62	0.332	0.682	0.051	0.055	0.009	6.53	1.27
8	표층	21.2	29.96	8.33	10.90	4.97	0.096	0.641	0.006	0.035	0.043	10.0	16.44
	저층	13.7	33.74	7.69	5.34	0.92	0.229	0.181	0.021	0.036	0.420	5.62	5.98

▣대변항(Daebyeon Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	19.5	32.44	8.01	8.25	2.07	0.096	0.400	0.008	0.039	0.303	2.4	1.87
	저층	18.8	32.79	7.93	8.35	2.22	0.171	0.397	0.015	0.039	0.325		
2005	표층	14.3	33.57	8.01	8.33	1.98	0.168	0.344	0.016	0.034	0.513	5.0	3.06
	저층	12.8	33.78	7.99	9.52	2.03	0.149	0.431	0.019	0.041	0.417		
2006	표층	13.9	34.54	8.04	11.83	2.14	0.074	0.225	0.014	0.029	0.008	4.2	9.2
	저층	13.3	33.19	8.01	11.51	1.11	0.121	0.237	0.017	0.038	0.158	6.6	8.4
2	표층	10.4	33.49	8.06	9.12	0.90	0.126	0.279	0.024	0.032	0.005	3.2	1.58
	저층	10.3	33.49	8.07	9.48	1.06	0.126	0.312	0.025	0.037	0.005	8.47	2.29
8	표층	17.4	35.58	8.02	14.54	3.37	0.023	0.171	0.005	0.027	0.011	5.3	16.74
	저층	16.3	32.89	7.94	13.54	1.16	0.116	0.162	0.008	0.038	0.311	4.66	14.57

2. 항만의 수질현황(20-10)

▣ 부산북항(Busanbuk Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.0	32.50	8.04	9.47	2.51	0.128	0.499	0.006	0.042	0.313	9.2	3.05
	저층	15.9	33.15	7.94	9.22	1.71	0.120	0.426	0.019	0.052	0.326		
2005	표층	16.1	32.14	7.90	9.37	2.42	0.203	0.708	0.016	0.027	0.311	7.7	9.41
	저층	12.7	33.68	7.70	8.39	1.96	0.214	0.539	0.022	0.046	0.380		
2006	표층	13.9	31.77	7.84	9.83	2.38	0.248	0.287	0.017	0.039	0.076	6.1	13.6
	저층	11.9	33.40	7.62	8.71	1.38	0.244	0.328	0.024	0.038	0.260	9.0	4.1
2	표층	9.1	33.24	7.91	9.07	1.58	0.268	0.441	0.029	0.041	0.010	7.7	0.82
	저층	9.2	33.27	7.89	9.25	2.06	0.273	0.491	0.031	0.040	0.012	12.36	0.82
8	표층	18.6	30.30	7.77	10.58	3.19	0.229	0.133	0.005	0.037	0.143	4.4	26.46
	저층	14.5	33.52	7.34	8.16	0.71	0.215	0.165	0.018	0.036	0.509	5.64	7.40

▣ 부산남항(Busannam Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	17.7	32.46	8.07	9.48	1.51	0.103	0.441	0.018	0.046	0.270	4.7	1.67
	저층	14.8	33.32	7.95	8.50	1.79	0.117	0.396	0.019	0.051	0.294		
2005	표층	18.4	32.16	8.16	7.25	2.10	0.163	0.336	0.005	0.086	0.241	7.6	4.05
	저층	17.6	33.04	8.10	9.13	1.93	0.062	0.217	0.004	0.037	0.272		
2006	표층	17.1	29.38	8.21	8.09	2.49	0.139	0.290	0.012	0.028	0.164	3.5	9.3
	저층	13.8	33.20	7.98	6.92	1.55	0.120	0.157	0.014	0.022	0.224	4.0	1.6
2	표층	11.5	33.78	8.05	8.96	1.85	0.065	0.311	0.018	0.027	0.013	4.4	1.41
	저층	11.4	33.78	8.04	9.20	2.38	0.063	0.173	0.013	0.014	0.014	4.76	1.61
8	표층	22.7	24.97	8.36	7.22	3.12	0.213	0.269	0.007	0.030	0.315	2.7	17.26
	저층	16.2	32.61	7.91	4.64	0.71	0.178	0.140	0.015	0.030	0.435	3.18	1.52

2. Water Quality of Ports(20-11)

■ 감천항(Gamcheon Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.6	32.33	8.16	10.01	2.54	0.108	0.391	0.017	0.041	0.235	5.2	2.65
	저층	16.3	33.02	8.03	8.64	1.37	0.110	0.379	0.016	0.051	0.306		
2005	표층	17.8	32.09	8.12	7.58	2.33	0.101	0.322	0.004	0.034	0.217	4.8	4.20
	저층	15.0	32.94	7.97	7.44	2.03	0.164	0.386	0.003	0.029	0.152		
2006	표층	17.6	30.86	8.19	7.88	2.05	0.114	0.262	0.011	0.023	0.032	6.378	10.796
	저층	13.9	33.13	8.01	7.22	1.53	0.160	0.237	0.011	0.028	0.179	5.205	4.051
2	표층	12.1	33.74	8.04	8.99	1.22	0.084	0.292	0.015	0.016	0.008	4.4	1.64
	저층	11.5	33.72	8.04	9.30	1.59	0.065	0.254	0.012	0.020	0.007	3.88	1.60
8	표층	23.2	27.97	8.33	6.77	2.88	0.144	0.231	0.006	0.030	0.057	8.4	19.95
	저층	16.2	32.54	7.98	5.13	1.47	0.256	0.219	0.011	0.035	0.351	6.53	6.50

■ 신항(Sin Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2006	표층	18.4	25.52	8.38	11.28	2.85	0.267	0.692	0.012	0.036	0.564	8.2	14.54
	저층	11.5	33.24	7.95	8.61	1.13	0.214	0.285	0.020	0.033	0.374	5.4	0.6
2	표층	7.5	33.13	8.11	10.69	0.90	0.136	0.518	0.015	0.029	0.005	7.1	1.50
	저층	7.8	33.39	8.12	11.10	1.05	0.128	0.321	0.015	0.025	0.003	4.85	0
8	표층	29.3	17.90	8.65	11.87	4.80	0.398	0.866	0.009	0.044	1.123	9.2	27.58
	저층	15.1	33.08	7.78	6.12	1.21	0.301	0.249	0.026	0.041	0.746	5.87	1.18

2. 항만의 수질현황(20-12)

▣ 마산항(Masan Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.5	31.01	8.14	9.87	3.48	0.177	1.271	0.036	0.110	0.818	7.6	11.79
	저층	12.8	32.55	7.88	6.62	2.35	0.283	1.288	0.057	0.123	1.122		
2005	표층	14.9	17.81	7.75	6.51	4.07	1.025	3.277	0.035	0.134	1.434	11.6	7.01
	저층	12.2	32.96	7.68	4.03	2.80	0.412	0.914	0.046	0.153	0.777		
2006	표층	16.0	25.72	8.19	10.16	4.01	0.496	1.030	0.016	0.083	1.015	12.9	49.1
	저층	11.6	32.03	7.86	5.74	2.28	0.342	0.849	0.063	0.088	1.070	15.2	16.6
2	표층	5.5	32.39	7.80	10.12	2.50	0.237	1.246	0.022	0.095	0.384	16.5	28.70
	저층	5.7	32.65	7.79	10.36	2.31	0.202	1.034	0.020	0.083	0.453	16.36	26.01
8	표층	26.6	19.04	8.57	10.19	5.52	0.754	0.815	0.011	0.071	1.645	9.2	69.50
	저층	17.5	31.41	7.93	1.12	2.26	0.482	0.665	0.107	0.092	1.687	14.02	7.25

▣ 옥포항(Okpo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.5	32.02	8.01	10.70	2.52	0.056	0.440	0.010	0.023	0.194	2.9	1.86
	저층	14.8	33.24	7.76	7.77	1.94	0.061	0.325	0.012	0.028	0.362		
2005	표층	16.7	31.04	8.14	9.87	2.34	0.134	0.377	0.008	0.034	0.308	4.8	9.75
	저층	13.3	33.24	7.87	7.85	2.16	0.112	0.310	0.023	0.050	0.358		
2006	표층	18.9	27.27	8.36	12.95	3.27	0.234	0.384	0.011	0.027	0.169	4.4	11.3
	저층	12.6	33.52	7.68	7.94	0.70	0.204	0.387	0.021	0.028	0.397	3.7	1.4
2	표층	10.3	33.73	8.06	9.39	0.85	0.180	0.229	0.014	0.018	0.006	3.8	1.50
	저층	10.1	33.70	8.08	9.29	0.92	0.130	0.231	0.014	0.017	0.007	3.79	1.77
8	표층	27.5	20.80	8.66	16.50	5.69	0.288	0.539	0.008	0.035	0.331	4.9	21.08
	저층	15.2	33.33	7.28	6.59	0.48	0.278	0.544	0.028	0.038	0.787	3.68	0.93

2. Water Quality of Ports(20-13)

▣ 장승포항(Jangsungpo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	18.1	32.23	8.15	10.05	3.84	0.037	0.478	0.006	0.038	0.166	6.4	5.21
	저층	16.9	32.67	7.93	8.77	3.17	0.035	0.533	0.006	0.044	0.293		
2005	표층	16.8	30.30	8.12	9.74	2.53	0.162	0.531	0.016	0.035	0.257	6.5	18.26
	저층	15.6	32.22	7.95	8.77	2.21	0.141	0.605	0.008	0.087	0.317		
2006	표층	18.3	27.99	8.24	11.43	2.92	0.195	0.573	0.017	0.033	0.069	5.2	10.4
	저층	16.1	30.09	7.96	9.65	3.02	0.204	0.396	0.017	0.035	0.090	5.3	11.1
2	표층	11.1	33.66	8.03	8.58	0.98	0.136	0.417	0.024	0.033	0.005	4.8	1.08
	저층	11.1	33.71	8.04	8.90	1.44	0.144	0.508	0.027	0.036	0.006	4.65	1.12
8	표층	25.5	22.32	8.44	14.28	4.86	0.253	0.729	0.011	0.034	0.132	5.7	19.81
	저층	21.2	26.46	7.88	10.39	4.60	0.264	0.284	0.007	0.035	0.174	5.92	21.00

▣ 삼덕항(Samdeok Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	14.9	31.37	7.90	7.22	1.56	0.113	0.611	0.020	0.056	0.470	8.2	3.21
	저층	13.8	33.54	8.12	6.60	2.05	0.156	0.764	0.015	0.061	0.411		
2005	표층	16.6	33.62	7.94	8.15	1.56	0.055	1.145	0.007	0.026	0.155	9.5	3.24
	저층	14.2	34.00	7.97	8.06	2.08	0.069	0.732	0.033	0.051	0.254		
2006	표층	16.6	33.39	8.17	8.04	1.08	0.028	0.298	0.022	0.052	0.072	4.1	4.08
	저층	14.1	33.86	7.84	7.97	0.99	0.081	0.289	0.026	0.061	0.208	5.5	3.34
2	표층	9.2	34.35	8.48	9.93	1.10	0.011	0.194	0.014	0.046	0.081	3.6	3.34
	저층	9.2	34.28	7.88	9.99	0.74	0.044	0.209	0.041	0.055	0.095	5.20	2.77
8	표층	23.9	32.43	7.85	6.15	1.06	0.044	0.403	0.031	0.059	0.062	4.6	4.82
	저층	19.1	33.43	7.81	5.94	1.25	0.118	0.368	0.011	0.067	0.321	5.80	3.91

2. 항만의 수질현황(20-14)

▣ 동암항(Dongam Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	14.8	31.86	7.87	7.35	1.42	0.185	0.747	0.026	0.122	0.511	9.1	3.44
	저층	13.6	33.13	7.94	6.71	0.97	0.172	0.544	0.020	0.117	0.633		
2005	표층	16.2	32.96	8.05	8.35	1.74	0.157	0.467	0.020	0.047	0.326	5.9	3.59
	저층	14.7	33.64	8.08	7.68	1.71	0.126	0.807	0.031	0.050	0.336		
2006	표층	15.6	33.00	7.98	7.83	1.21	0.155	0.413	0.030	0.061	0.110	6.1	3.21
	저층	13.2	33.64	7.99	7.77	1.08	0.106	0.297	0.026	0.073	0.220	6.6	2.43
2	표층	7.3	33.57	8.11	9.51	1.36	0.265	0.423	0.030	0.064	0.158	7.6	1.60
	저층	7.3	33.85	8.17	9.59	0.91	0.094	0.226	0.040	0.079	0.119	7.40	0.96
8	표층	23.9	32.43	7.85	6.15	1.06	0.044	0.403	0.031	0.059	0.062	4.6	4.82
	저층	19.1	33.43	7.81	5.94	1.25	0.118	0.368	0.011	0.067	0.321	5.80	3.91

▣ 삼천포항(Samcheonpo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.2	32.38	8.08	6.56	0.91	0.116	0.733	0.018	0.048	0.215	6.4	3.16
	저층	13.9	32.78	8.14	6.79	0.89	0.116	0.832	0.017	0.082	0.272		
2005	표층	15.3	32.08	8.16	8.88	1.74	0.138	0.464	0.031	0.050	0.334	6.8	2.90
	저층	15.2	32.04	8.16	8.89	1.47	0.079	1.037	0.033	0.040	0.316		
2006	표층	15.3	32.31	8.29	8.20	1.31	0.151	0.415	0.030	0.079	0.229	11.1	4.22
	저층	15.0	32.68	8.00	8.80	0.95	0.067	0.441	0.026	0.093	0.209	9.3	5.06
2	표층	7.2	33.53	8.77	10.00	0.83	0.108	0.305	0.043	0.067	0.083	14.4	1.36
	저층	7.1	33.75	8.20	10.55	0.61	0.011	0.192	0.035	0.079	0.079	6.6	1.9
8	표층	23.5	31.09	7.80	6.40	1.78	0.194	0.525	0.017	0.092	0.374	7.8	7.08
	저층	22.8	31.61	7.81	7.05	1.30	0.123	0.689	0.018	0.107	0.338	12.0	8.3

2. Water Quality of Ports(20-15)

■ 광양항(Gwangyang Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.4	32.33	8.00	9.53	2.03	0.319	0.678	0.040	0.165	0.266	12.5	3.68
	저층	14.8	32.61	7.87	9.40	1.67	0.079	0.476	0.017	0.114	0.201		
2005	표층	17.5	30.16	8.08	8.81	1.47	0.256	0.559	0.086	0.119	0.453	6.3	2.47
	저층	13.4	33.19	8.07	7.65	1.02	0.119	0.334	0.020	0.050	0.383		
2006	표층	17.6	29.23	8.22	10.10	1.87	0.312	1.029	0.111	0.272	0.549	8.6	1.34
	저층	13.3	31.73	7.89	9.61	0.81	0.233	0.689	0.015	0.055	0.871	11.2	0.85
2	표층	7.0	33.01	8.30	11.66	1.30	0.061	0.604	0.007	0.050	0.120	12.8	0.66
	저층	7.0	33.04	8.28	11.18	1.36	0.099	0.644	0.008	0.047	0.120	13.6	0.45
8	표층	28.3	25.44	8.13	8.53	2.45	0.562	1.453	0.214	0.493	0.977	4.4	2.02
	저층	19.7	30.41	7.50	8.04	0.26	0.366	0.734	0.022	0.062	1.622	8.80	1.24

■ 여수신항(Yeosu New Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	14.6	33.09	7.99	10.37	1.52	0.020	0.436	0.005	0.089	0.044	5.8	2.39
	저층	13.8	33.19	8.05	9.90	1.65	0.031	0.482	0.005	0.076	0.120		
2005	표층	15.4	30.99	8.19	10.11	2.42	0.054	0.490	0.009	0.037	0.119	11.3	12.46
	저층	13.9	32.99	8.03	7.58	1.38	0.115	0.409	0.017	0.043	0.410		
2006	표층	15.0	29.72	8.15	12.33	2.13	0.187	0.606	0.004	0.035	0.566	5.1	1.84
	저층	12.9	31.99	7.93	8.22	1.31	0.191	0.823	0.006	0.046	0.934	5.3	0.73
2	표층	6.4	33.17	8.06	14.32	1.22	0.086	0.590	0.002	0.038	0.116	6.8	0.05
	저층	6.5	33.23	8.21	11.22	1.22	0.077	0.779	0.003	0.049	0.140	6.00	0
8	표층	23.6	26.26	8.23	10.34	3.05	0.288	0.621	0.005	0.032	1.016	3.4	3.63
	저층	19.4	30.75	7.64	5.21	1.40	0.304	0.867	0.009	0.042	1.728	4.60	1.46

2. 항만의 수질현황(20-16)

▣ 제주항(Jeju Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	20.7	31.19	8.06	7.91	0.91	0.361	0.615	0.013	0.043	1.408	3.4	4.75
	저층	20.6	32.40	8.02	7.99	1.17	0.182	0.314	0.007	0.021	0.756		
2005	표층	20.0	32.23	8.07	8.16	0.93	0.333	0.833	0.022	0.083	0.558	4.7	4.61
	저층	19.9	32.97	8.11	8.22	0.76	0.183	0.717	0.018	0.068	0.390		
2006	표층	21.0	31.64	8.08	8.70	1.51	0.128	0.479	0.019	0.170	0.421	1.6	0.96
	저층	20.4	32.02	8.11	7.98	1.07	0.161	0.594	0.019	0.083	0.421	2.2	1.25
2	표층	13.5	34.60	8.03	8.96	1.16	0.098	0.725	0.035	0.065	0.465	2.0	0.99
	저층	13.5	34.60	8.06	8.64	0.72	0.103	0.652	0.034	0.069	0.364	2.10	1.02
8	표층	28.5	28.68	8.12	8.44	1.86	0.157	0.233	0.003	0.275	0.377	1.2	0.93
	저층	27.3	29.43	8.15	7.31	1.42	0.218	0.536	0.004	0.097	0.478	2.30	1.48

▣ 성산포항(Seongsanpo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	21.6	32.11	8.11	7.52	1.12	0.112	0.351	0.006	0.026	0.548	3.9	3.07
	저층	20.6	32.89	8.09	7.50	1.22	0.080	0.264	0.009	0.026	0.445		
2005	표층	17.5	32.28	8.05	8.68	0.90	0.166	0.597	0.007	0.047	0.658	5.0	4.14
	저층	16.1	32.98	8.08	8.82	0.96	0.173	0.591	0.007	0.039	0.524		
2006	표층	20.4	32.17	8.12	10.42	1.28	0.091	0.583	0.017	0.047	0.257	2.1	1.12
	저층	18.9	32.75	8.09	8.98	0.98	0.121	0.509	0.019	0.066	0.593	3.0	1.60
2	표층	12.7	34.20	8.04	8.96	0.87	0.122	0.824	0.034	0.052	0.340	2.4	1.85
	저층	12.2	34.30	8.06	9.04	0.99	0.110	0.642	0.034	0.051	0.660	2.20	1.78
8	표층	28.1	30.13	8.19	11.88	1.69	0.059	0.342	0.000	0.042	0.174	1.8	0.38
	저층	25.6	31.20	8.12	8.91	0.98	0.131	0.376	0.003	0.081	0.526	3.70	1.42

2. Water Quality of Ports(20-17)

▣ 서귀포항(Seogwipo Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	21.7	31.35	8.13	7.92	1.18	0.288	0.326	0.005	0.017	0.478	3.6	4.02
	저층	21.7	32.35	8.13	7.43	1.45	0.169	0.429	0.007	0.017	0.615		
2005	표층	20.0	31.61	8.04	7.70	1.00	0.482	1.126	0.013	0.046	1.156	4.4	3.51
	저층	19.8	33.01	8.09	7.83	1.01	0.168	0.630	0.012	0.044	0.536		
2006	표층	19.7	31.57	8.04	7.61	1.34	0.440	0.620	0.027	0.095	1.013	2.8	1.70
	저층	19.7	32.88	8.04	7.45	1.19	0.424	0.618	0.026	0.081	1.344		
2	표층	13.5	32.60	7.95	7.84	1.05	0.253	0.565	0.037	0.053	0.900	2.5	0.86
	저층	14.4	33.90	7.98	7.76	1.05	0.156	0.541	0.037	0.054	1.352		
8	표층	26.0	30.53	8.13	7.37	1.62	0.626	0.675	0.016	0.136	1.125	3.0	2.54
	저층	25.1	31.85	8.09	7.14	1.33	0.691	0.694	0.015	0.107	1.336		

▣ 한림항(Hallim Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	21.4	32.55	8.09	7.89	1.21	0.182	0.431	0.008	0.026	0.243	5.3	4.80
	저층	21.0	33.07	8.08	7.50	1.21	0.125	0.268	0.003	0.020	0.128		
2005	표층	19.4	32.45	8.14	8.77	1.13	0.133	0.626	0.006	0.039	0.290	4.1	18.99
	저층	19.1	32.84	8.14	8.10	0.97	0.171	0.578	0.006	0.032	0.320		
2006	표층	20.0	31.72	8.09	8.74	1.36	0.296	0.673	0.020	0.135	0.263	2.0	6.03
	저층	18.8	32.34	8.04	8.55	0.82	0.216	0.739	0.024	0.084	0.333		
2	표층	11.5	33.83	7.97	8.56	0.95	0.111	0.665	0.031	0.057	0.268	1.8	0.80
	저층	11.6	33.88	7.95	8.68	0.67	0.161	0.841	0.040	0.061	0.412		
8	표층	28.4	29.61	8.21	8.91	1.76	0.481	0.681	0.009	0.212	0.257	2.2	11.26
	저층	26.0	30.79	8.13	8.42	0.97	0.271	0.637	0.007	0.107	0.254		

2. 항만의 수질현황(20-18)

■ 완도항(Wando Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	13.8	33.30	8.31	8.86	0.98	0.121	0.411	0.015	0.044	0.298	13.8	0.99
	저층	14.2	33.34	8.32	8.86	0.61	0.139	0.471	0.017	0.046	0.330		
2005	표층	16.2	33.25	8.15	8.79	0.98	0.111	0.314	0.011	0.028	0.275	6.2	1.77
	저층	15.5	33.37	8.12	8.55	0.83	0.091	0.200	0.017	0.086	0.277		
2006	표층	15.7	33.26	8.33	8.19	0.73	0.113	0.741	0.011	0.052	0.607	50.0	1.07
	저층	14.9	33.48	8.30	8.62	0.70	0.121	0.384	0.012	0.069	0.325			16.2	0.66
2	표층	7.7	34.03	8.48	9.32	0.72	0.122	1.180	0.015	0.068	0.376	95.6	0.12
	저층	7.6	34.03	8.44	9.33	0.80	0.128	0.716	0.015	0.098	0.396			23.60	0.08
8	표층	23.7	32.49	8.17	7.06	0.73	0.104	0.302	0.007	0.036	0.838	4.4	2.02
	저층	22.1	32.93	8.15	7.91	0.60	0.113	0.051	0.009	0.040	0.254			8.80	1.24

[서해]-항만환경측정망

■ 목포항(Mokpo Harbor, 2 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.6	30.36	8.27	10.37	1.81	0.218	0.577	0.018	0.050	0.192	7.2	4.18
	저층	15.2	31.15	8.28	9.61	1.17	0.164	0.416	0.013	0.044	0.232		
2005	표층	15.1	23.38	7.89	8.67	2.25	0.758	1.923	0.035	0.087	1.531	8.3	14.24
	저층	14.5	29.11	7.88	8.82	1.63	0.502	1.252	0.032	0.087	1.030		
2006	표층	15.7	28.93	8.36	7.69	2.56	0.612	1.401	0.017	0.075	0.913	16.4	2.58
	저층	15.0	30.98	8.26	7.74	1.81	0.212	0.978	0.012	0.076	0.882			42.6	0.78
2	표층	4.9	31.27	8.57	7.51	2.31	0.268	1.211	0.009	0.080	0.356	28.8	2.34
	저층	4.8	32.21	8.52	8.33	2.39	0.125	0.823	0.010	0.098	0.356			78.40	0.215
8	표층	26.5	26.59	8.16	7.88	2.81	0.955	1.591	0.025	0.069	1.470	3.9	2.83
	저층	25.3	29.74	8.00	7.16	1.23	0.299	1.132	0.014	0.054	1.408			6.70	1.35

2. Water Quality of Ports(20-19)

▣ 대천항(Sokcho Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.0	29.94	7.94	10.95	2.06	0.210	0.581	0.015	0.030	0.223	21.2	10.24
	저층	14.6	29.97	7.85	10.32	1.86	0.348	0.643	0.024	0.041	0.268		
2005	표층	15.0	30.24	8.27	10.23	1.73	0.134	1.047	0.012	0.045	0.277	10.2	25.95
	저층	14.6	30.32	8.20	9.19	1.74	0.682	1.052	0.015	0.039	0.426		
2006	표층	15.0	30.56	8.42	9.90	1.83	0.146	0.537	0.014	0.057	0.443	25.3	5.32
	저층	15.0	30.55	8.44	9.33	1.40	0.141	0.537	0.019	0.058	0.457	27.3	8.12
2	표층	3.7	31.88	8.14	11.26	1.12	0.261	0.473	0.019	0.055	0.276	31.8	2.64
	저층	3.7	31.87	8.14	11.48	0.72	0.246	0.492	0.031	0.041	0.321	29.60	1.02
8	표층	26.4	29.23	8.70	8.54	2.54	0.031	0.602	0.008	0.058	0.610	18.8	8.00
	저층	26.4	29.23	8.73	7.18	2.08	0.036	0.582	0.007	0.076	0.594	25.00	15.23

▣ 평택항(Pyeongtaek Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	15.1	27.90	8.23	15.12	2.74	0.340	0.865	0.004	0.032	0.039	11.9	21.23
	저층	12.7	28.59	7.81	11.31	1.83	0.208	0.867	0.009	0.039	0.144		
2005	표층	13.5	27.07	8.23	9.13	1.89	0.646	2.029	0.026	0.056	0.319	9.9	12.63
	저층	12.4	28.88	8.14	8.34	1.91	0.345	1.484	0.009	0.055	0.095		
2006	표층	13.7	27.97	8.01	9.36	1.34	0.751	1.018	0.026	0.061	0.315	14.1	1.08
	저층	12.2	28.90	8.00	8.96	1.20	0.544	0.872	0.023	0.058	0.277	54.7	5.21
2	표층	2.1	28.48	8.28	12.24	1.62	1.009	1.186	0.019	0.056	0.185	15.2	1.54
	저층	1.9	29.50	8.22	11.46	1.28	0.759	1.007	0.018	0.055	0.243	22.20	5.42
8	표층	25.2	27.46	7.74	6.48	1.05	0.493	0.849	0.032	0.065	0.445	13.0	0.61
	저층	22.6	28.29	7.78	6.45	1.11	0.329	0.738	0.027	0.061	0.311	87.20	5.01

2. 항만의 수질현황(20-20)

▣ 인천항(Incheon Harbor, 1 station)

구 분 년 월	층 별 Layer	수 온	염 분	수소이온 농 도	용존 산소량	화학적 산소요구량	용존 무기질소	총 질 소	용존 무기인	총 인	규산규소	부 유 물 질	클로로필
		Temp. (°C)	Sal. (‰)	pH	DO (mg/L)	COD (mg/L)	DIN (mg/L)	T - N (mg/L)	DIP (mg/L)	T-P (mg/L)	SiO ₂ -Si	SPM (mg/L)	Chl-a (µg/L)
2004	표층	14.4	28.32	7.81	10.70	2.18	0.707	1.087	0.026	0.055	0.333	34.6	10.01
	저층	14.6	28.27	7.83	10.53	2.16	0.505	1.045	0.028	0.046	0.292		
2005	표층	13.2	28.51	8.08	9.06	1.61	0.591	1.807	0.034	0.069	0.457	13.9	4.67
	저층	13.0	28.77	8.09	8.70	2.13	0.318	1.654	0.014	0.082	0.212		
2006	표층	13.9	28.44	8.42	9.59	1.50	0.596	1.030	0.032	0.080	0.420	25.4	1.12
	저층	13.8	28.46	8.44	9.50	1.24	0.640	0.974	0.035	0.076	0.409	25.3	2.06
2	표층	2.7	30.52	8.10	11.41	1.70	0.735	1.032	0.034	0.068	0.464	18.8	0.58
	저층	2.7	30.54	8.09	11.45	1.04	0.753	1.078	0.038	0.077	0.478	27.60	1.33
8	표층	25.0	26.36	8.74	7.77	1.31	0.457	1.027	0.030	0.091	0.375	32.0	1.67
	저층	25.0	26.37	8.78	7.54	1.45	0.527	0.869	0.032	0.075	0.341	23	2.79

VII. 연안습지면적현황

1. 조사 목적

*갯벌의 특성과 분석을 위한 기초자료를 확보함으로써 갯벌 보전 계획의 수립 및 보호지역 지정 등 정책 수립에 활용

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
*통계법 제27조 규정에 의한 통계공표
*승인번호 : 제12329호('06. 08. 31)

3. 조사 기간

*조사 기간 : 5년 주기
*결과 공표 : 해양수산통계연보

4. 조사 대상

전국 지역별 갯벌 면적

VII. Coastal Wetland Area Extent Survey

1. Objectives

To use for establishing policies such as designating protected areas and preserving mud flats

2. Legal Basis

Designated statistics under the Article 15, the Statistics Law
Publication of statistics, under the Article 27, the Statistics Law
Approval number 12329 (August 31, 2006)

3. Time Reference

Surveyed for a period of time: 5 years
Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Survey Items

The total Area Extent of tidal flats nationwide

1. 시도별 갯벌 면적 Tidal Flat Area by Administrative District

(단위 : km²)

	면 적 Area (km ²)	비 율 Ratio (%)	비 고 Ref.
합 계 Total	2,550.2	100	
경기(인천) Gyeonggi (Incheon)	914.9	36	서해안 2,107.7km ² West Coast 남해안 442.5km ² South Coast
충 남 Chungnam	367.3	14	
전 북 Jeonbuk	132.0	5	
전 남 Jeonnam	1,017.4	40	
경남(부산) Gyeongnam (Busan)	118.6	5	

2. 갯벌면적의 변화('87~'05) Changes in the size of Tidal Flat

(단위 : km²)

	연 도 별 Year			증감면적 및 비율 Changes and ratios			
	1987(A)	1998(B)	2005(C)	C-A		C-B	
					비율(%)		비율(%)
합 계 Total	3,203.5	2,393.0	2,550.2	△653.3	△20.4	157.2	6.6
경기(인천) Gyeonggi (Incheon)	1,179.6	838.5	914.9	△264.7	△22.5	76.4	9.1
충 남 Chungnam	434.2	304.2	367.3	△66.9	△15.4	63.1	20.7
전 북 Jeonbuk	321.6	113.6	132.0	△189.6	△59.0	18.4	16.2
전 남 Jeonnam	1,179.1	1,054.1	1,017.4	△161.7	△13.7	△36.7	△3.5
경남(부산) Gyeongnam (Busan)	89.1	82.6	118.6	29.5	33.1	36.0	43.6

- 1) 1987년 자료(A)는 인공위성 영상자료 판독, 최저조위가 96cm를 기준으로 작성
1998년 자료(B)에 1987년 이후 상실면적을 포함하여 산출
- 2) 1998년 자료(B)는 75,000분의 1축적 해도를 디지털면적 계산기로 작성
- 3) 2005년 자료는 보다 정밀한 전자해도를 활용하여 작성함으로써 면적이 다소 늘어남

* 1) 1987(A) was prepared based on images obtained from an artificial satellite, with a condition of the lowest low water level of 96 cm, 1998 (b) was a calculated result by totaling areas that had been lost since 1987
2) 1998(B) was based on a nautical chart of 1:75,000 scale and calculated by an electronic calculator
3) The research results of the year 2005 were more accurately prepared with an electronic nautical chart which, in turn, showed the increased size of total wetland areas of the nation.

3. 전국 갯벌의 행정구역별 면적 Tidal Flat Areas by Administrative District

행정구역 (도,시) District (City)	구역(시,군) District (city, -gun)	갯벌면적 Tidal Flat Area	합 계 Total	비 고 Ref
인천광역시 Incheon	강화	234.6	737.1	'98년 인천·경기지역 갯벌면적 (Tidal flat areas combined in '98) : 838.5km ²
	옹진	299.8		
	종구 등	202.7		
경기도 Gyeonggi	김포	25.8	177.8	
	화성	68.7		
	안산	64.6		
	평택	18.7		
충청남도 Chungnam	당진	31.8	367.3	
	서산	65.3		
	태안	143.6		
	홍성	13.3		
	보령	44.5		
	서천	68.8		
전라북도 Jeonbuk	군산	30.9	132.0	'98년 전북 지역의 갯벌면적 (tidal flat area in '98) : 113.6km ²
	부안	30.2		
	고창	70.9		
전라남도 서해 Jeonnam West Coast	영광	130.1	693.5	'98년 전남 서해지역의 갯벌면적 (tidal flat area in '98) : 723.8km ²
	무안	146.5		
	목포	5.7		
	신안	344.8		
	진도	31.8		
	해남	34.6		
전라남도 남해 Jeonnam South Coast	해남	29.8	323.9	※ '98년 전남 남해지역의 갯벌면적 (tidal flat area in '98) : 330.3km ²
	완도	64.8		
	장흥	25.0		
	보성	37.3		
	고흥	81.6		
	강진	2.9		
	순천	26.4		
	여수	40.4		
	광양	15.7		
경상남도 및 부산광역시 Gyeongnam / Busan	하동	11.8	118.6	※ '98년 남·부산 지역의 갯벌면적 (Tidal flat area in '98) : 82.6km ²
	사천	28.3		
	고성	9.5		
	남해	20.5		
	마산	4.7		
	통영	8.7		
	진해	1.3		
	거제	6.6		
	부산	27.2		
총 계 Total			2,550.2	

※ '98년 당시에 제외되었던 제주도, 새만금, 남양만 지역의 갯벌도 제외하였음
(Excluding tidal flats in Jeju Island, Saemangum and Namyangman, just as in '98.)

Source : Marine Ecology Team

VIII. 폐기물해양배출현황

1. 작성 목적

*육상폐기물의 해양배출량이 증가될수록 배출해역의 환경상태가 악화되므로 배출해역의 친환경적 관리와 해양배출 저감대책 추진을 위하여 정확한 육상폐기물 해양배출량 통계가 필요. 동 지표를 폐기물해양배출 관리·운영 및 제도개선 등 정책 기초 자료로 활용

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
 *통계법 제27조 규정에 의한 통계공표
 *승인번호 : 제12326호('06. 08. 28)
 *관련법령 : 해양오염방지법 제16조 제4항, 동법시행규칙 제35조 제1항, 제2항

3. 작성 기간 및 기준시점

*작성기간 : 매월
 *기준시점 : 매년 12. 31
 *결과공표 : 다음연도 1월말

4. 작성 대상

*폐 수 류 : ① 축산폐수, ② 폐수(음식물폐기물처리 폐수 포함), ③ 분뇨
 *유기성오니 : ④ 하수처리오니, ⑤ 폐수처리오니, ⑥ 분뇨처리오니
 *무기성오니 : ⑦ 수저준설토사(정화용준설토사, 항로준설토사)
 *기 타 : ⑧ 원료동식물폐기물, ⑨ 수산물가공잔재물
 ※ 적법한 처리기준 및 방법에 따라 9개 폐기물 품목만 해양투기 가능

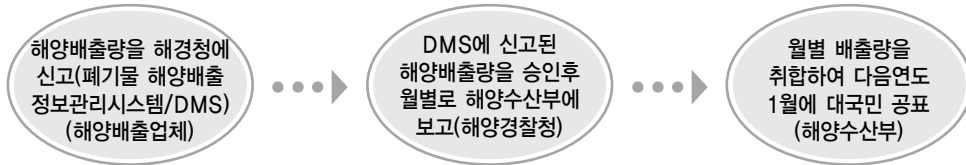
5. 조사 방법

① 해양배출업체 해양배출량 신고 → ② (해양경찰청) 해양배출량 조사 및 집계 해양수산부에 보고

6. 주요 항목

부록(475p)참고

7. 작성 절차



※폐기물 해양배출 정보관리시스템 : Ocean Dumping Management System

VIII . Waste Dumping

1. Objectives

Increased discharge of land-based wastes into coastal waters are to cause more serious pollution in the environment of the concerned sea areas so that precise statistics on the volume of discharged land-based wastes into waters need to be made in order to push ahead with the wastes reduction plan and eco-friendly management of the concerned areas.

2. Legal Basis

Designated statistics under the Article 15, the Statistics Law
 Publication of statistics under the Article 27, the Statistics Law
 Approval number 12326 (August 28, 2006)

3. Time Reference

Surveyed for a period of time: from January throughout December of each year
 Surveyed at a point of time: December 31 of every year
 Publication of the statistics: at the end of January of the following year

4. Subjects

Wastewater: livestock wastewater, wastewater (including food wastewater), excrements

Organic sludge: sewage treatment sludge, wastewater sludge, excrements treatment

Inorganic sludge: sludge dredged from the bottom of the water (dredged sludge for the purification, sludge dredged to make navigational routes)

Others: Raw material wastes of plant and animal wastes and residues from fishery processing

*Only 9 categories of wastes are allowed to be dumped into waters in accordance with treatment standards and approved methods

5. Methods

Businesses discharging wastes into the water report the volume of their wastes → The Korean Coast Guard reports the amount of wastes volume to MOMAF after surveying and collecting the survey results → Making public the report on the amounts of discharged wastes

6. Survey items

Refer to annexes attached

7. Process

Report to the Korean Coast Guard the amount of wastes discharged into the waters (through the DMS by businesses dumping wastes into the waters) → Report to MOMAF every month after approving the amounts of discharged wastes registered through the DMS (the Korea Coast Guard) → Publication of the total amount of annually discharged wastes in January of the following year (MOMAF)

*DMS: Ocean Dumping Management System



*이 면은 빈 공간 입니다. (This Page Intentionally Blank)

1. 배출해역별 연간 해양배출량
Annual Waste Dumping by Sea Area

단위 : 천㎥

Unit : thousand m³

구 분 Classification	계 Total	서해병 West Sea Zone #3	동해병 East Sea Zone #3	동해정 East Sea Zone #4
1995	4,170	1,049	1,739	1,382
1996	5,014	1,614	1,997	1,403
1997	5,643	2,013	2,216	1,414
1998	5,976	2,429	2,140	1,407
1999	6,444	2,380	2,325	1,739
2000	7,104	2,423	2,862	1,819
2001	7,671	2,390	3,394	1,887
2002	8,475	2,424	4,088	1,963
2003	8,874	2,406	4,372	2,096
2004	9,749	2,397	5,262	2,090
2005	9,929	2,383	5,883	1,663
2006	8,812	2,160	5,475	1,177

2. 폐기물종류별 연간 해양배출량
Annual Waste Dumping by Waste

단위 : 천㎥

Unit : thousand m³

구 분 Classification	계 Total	폐 수 류 Wastewater	유기성 오니류 Organic Sludge	무기성 오니류 Inorganic Sludge	원료동식물 폐기물 Animal/Plant Waste	수산물가공 잔재물 Fishery Product Processing Residue
1995	4,170	2,757	1,313	87	-	13
1996	5,014	3,319	1,605	73	-	17
1997	5,643	3,665	1,697	237	20	24
1998	5,976	3,920	1,848	195	-	13
1999	6,444	3,819	2,289	323	5	8
2000	7,104	3,795	2,787	509	5	8
2001	7,671	4,164	3,004	491	6	6
2002	8,475	4,684	3,074	685	27	5
2003	8,874	5,259	3,056	509	45	5
2004	9,749	5,884	3,230	592	31	12
2005	9,929	5,827	3,115	941	18	28
2006	8,812	5,191	3,050	548	14	9

Ⅸ. 해 난 사고 현황

1. 작성 목적

- * 지방해양안전심판원에서 접수 또는 재결한 해양사고를 사고원인별, 사고유형별, 선박용도별, 해기사 징계별 등의 각종 현황을 분석 대외에 제공하여 재발방지를 위한 자료로 활용

2. 근 거

- * 통계법 제15조 규정에 의한 승인통계지정
- * 통계법 제27조 규정에 의한 통계공표
- * 승인번호 : 제12320호('76. 08. 26)
- * 관련법령 : 해양사고의조사및심판에관한법률시행령 제17조의2 규정에 의한 조사관의 사무

3. 작성 기간 및 기준시점

- * 해양사고 발생기준
 - 작성주기 : 매 월
 - 대상기간 : 작성대상 월 1일 ~ 말일
 - 작성기간 : 작성대상 월 익월 1일 ~ 10일
- * 해양사고 재결기준
 - 작성주기 : 연 1회
 - 대상기간 : 작성대상 1월 1일 ~ 12월 31일
 - 작성기간 : 익년도 상반기
- * 결과 공표 : 작성년도 익년 7월경

4. 작성 대상

- * 해양사고의조사및심판에관한법률 제2조에 의거 해양과 내수면에서 발생한 사고

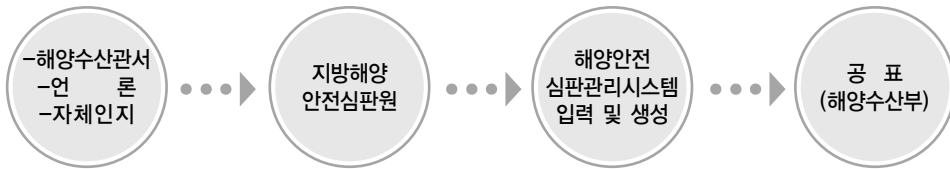
5. 작성 방법

- *해양수산관서에서는 해양사고 발생사실을 인지한 즉시 관할 지방해양안전심판원에 사고발생 사실을 통보하도록 한 의무규정(해양사고의조사및심판에관한법률 제31조)에 의거 사고 집계

6. 주요 항목

- *선박의 구조·설비 또는 운용과 관련하여 사람이 사망 또는 실종되거나 부상을 입은 사고
- *선박의 운용과 관련하여 선박 또는 육상·해상시설에 손상이 생긴 사고
- *선박이 멸실·유기되거나 행방불명된 사고
- *선박의 충돌·좌초·전복·침몰이 있거나 조종이 불가능하게 된 사고
- *선박의 운용과 관련하여 해양오염이 발생한 사고

7. 작성 절차



IX. Marine Accidents

1. Objectives

To analyze status of marine accidents received or judged by the Marine Accident Inquiry Agency and release and use as data to prevent reoccurrences

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12320 (August 26, 1976)

3. Time Reference

Occurrences of marine accidents

- Prepare on a monthly basis
- Surveyed for a period of time: from the beginning to the end of the survey month
- Complete between 1st to 10th of the month following the preparation month

Judgement standards of marine accidents

- Prepare on an yearly basis
- Surveyed for a period of time: from January 1 to December 31 (one year)
- Completed within the first half of the following year

Publication of statistics: Approximately July of the following year

4. Subject

Accidents that occurred at sea or in inland waters pursuant to Article 2 of the Act on the Investigation of and Inquiry into Marine Accidents

5. Methods

Regional offices of MOMAF report the occurrence of marine accidents immediately upon its recognition to the relevant Regional Marine Accident Inquiry Agency.

6. Survey Items

Death, missing, or injuries related to vessel structure, facilities or operation

Vessel operation accidents causing damage to vessel or land or marine facilities

Accidents of lost, damaged or missing vessels

Accidents of vessel collision, grounding, capsizing, sinking or making steering impossible

Vessel operation accidents leading to marine pollution

7. Process

Regional offices or press recognition → Marine Accidents Inquiry Agency →

Marine accidents judgement management system → Publication (MOMAF)

1.

Marine Accidents Inquiry

Unit: Number

Year	Classifi- cation	Transfer of Last Pendency	Offered for Inquiry	Object of inquiry	Reject	Pendency	Judgement
2002		12	35	47	11	9	27
2003		9	22	31	4	11	16
2004		11	10	21	2	6	13
2005		6	23	23	0	9	21
2006		9	20	29	6	10	13

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Unit: Number

Year	Classifi- cation	Recognition of Marine Accidents	Under Investigation	Renunciation	Offered for Inquiry	Judgement	Pendency	Change of Jurisdiction
Total	2002	(184) 741	177	261	303	295	65	+ 49 , - 48
	2003	(177) 708	203	282	223	244	44	+ 35 , - 35
	2004	(204) 1008	282	546	179	161	62	+ 26 , - 26
	2005	(283) 663	244	500	194	184	72	+ 48 , - 48
	2006	(244) 657	229	471	179	182	69	+ 32 , - 32
Busan	2002	(21) 131	29	27	75	113	16	+ 38 , - 4
	2003	(29) 154	36	59	59	85	15	+ 26 , - 1
	2004	(37) 197	34	126	37	59	14	+ 21 , - 0
	2005	(35) 132	34	97	34	68	18	+ 41 , - 3
	2006	(34) 153	48	99	40	66	25	+ 32 , - 0
Incheon	2002	(42) 183	41	64	78	64	19	+ 3 , - 15
	2003	(41) 161	40	60	61	58	8	+ 2 , - 16
	2004	(40) 226	54	131	41	32	16	+ 4 , - 5
	2005	(54) 168	53	123	42	39	13	+ 2 , - 8
	2006	(53) 141	45	106	43	39	12	+ 0 , - 5
Mokpo	2002	(89) 279	73	96	110	85	22	+ 6 , - 23
	2003	(73) 220	68	86	66	66	14	+ 7 , - 15
	2004	(68) 384	145	166	73	45	25	+ 1 , - 18
	2005	(145) 201	88	174	82	44	32	+ 1 , - 33
	2006	(88) 203	58	153	58	48	22	+ 0 , - 19
Donghae	2002	(32) 148	34	74	40	33	8	+ 2 , - 6
	2003	(34) 173	59	77	37	35	7	+ 0 , - 3
	2004	(59) 201	49	123	28	25	7	+ 0 , - 3
	2005	(49) 162	69	106	36	33	9	+ 4 , - 4
	2006	(69) 160	78	113	38	29	10	+ 0 , - 8

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Note : () Numbers brought forward from the previous year

Source : Korean Maritime Safety Tribunal

Unit: Number

Classification Year & Month	Total	Collision	Contact	Grounding	Capsizing	Fire/ Explosion	Sinking	Missing Ships	Engine & aux. Machinery damage
1997	840	181	9	85	16	68	99	1	236
1998	772	147	5	77	14	60	84	4	242
1999	849	173	2	68	27	67	90	4	269
2000	634	130	11	58	19	48	63	2	196
2001	610	141	15	60	21	62	72	1	135
2002	557	184	13	58	29	42	55	0	110
2003	531	182	9	65	22	53	50	2	57
2004	804	210	12	75	35	57	69	1	147
2005	658	172	10	45	22	71	46	4	163
2006	657	167	17	66	16	41	25	0	195
1	46	11	3	4	1	4	3	0	13
2	38	9	0	3	1	5	3	0	10
3	54	15	0	4	4	2	0	0	19
4	49	10	3	3	2	6	1	0	14
5	42	7	0	5	0	2	2	0	14
6	66	20	4	7	1	5	1	0	18
7	31	15	2	3	0	0	1	0	5
8	67	16	0	9	1	2	4	0	20
9	76	19	2	9	2	0	4	0	24
10	63	17	0	11	1	4	1	0	19
11	73	14	1	4	2	6	2	0	23
12	52	14	2	4	1	5	3	0	16

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Unit: Number

Year & Month	Total	Collision	Contact	Grounding	Capsizing	Fire/Explosion	Sinking	Missing Ships	Engine & aux. Machinery damage
1997	177	67	3	23	2	21	16	0	23
1998	180	54	1	14	3	14	21	0	33
1999	170	64	0	19	6	14	9	1	34
2000	113	42	1	9	2	9	7	0	22
2001	125	45	0	12	3	11	15	1	15
2002	110	64	0	11	7	3	6	0	9
2003	125	65	1	14	6	8	8	0	9
2004	160	71	8	13	7	13	18	0	8
2005	130	52	5	7	4	14	11	4	20
2006	153	66	8	12	3	5	6	0	29
1	10	5	0	0	1	0	0	0	3
2	10	6	0	0	0	1	0	0	3
3	7	5	0	0	0	1	0	0	1
4	14	4	1	0	0	0	0	0	6
5	11	1	0	2	0	1	1	0	2
6	20	11	2	3	1	1	0	0	1
7	8	4	1	0	0	0	0	0	1
8	13	8	0	1	0	0	1	0	1
9	13	5	1	2	1	0	3	0	1
10	21	7	0	3	0	1	1	0	5
11	15	4	1	1	0	0	0	0	5
12	11	6	2	0	0	0	0	0	0

2-1. Marine Accidents by Accident Type (Busan)

Unit: Number

Classi- cation Year & Month	Rudder damage	Outfitting damage	Distress	Facility damage	Death, Missing, injury	Impediment to safe operation	Marine Pollution	Propeller damage
1997	0	0	10	1	2	7	0	2
1998	1	1	25	2	2	5	0	4
1999	0	0	10	1	1	8	1	2
2000	1	1	5	0	2	12	0	0
2001	0	1	6	1	2	12	0	1
2002	1	0	1	3	2	1	0	2
2003	0	1	1	0	9	2	0	1
2004	1	0	4	0	7	8	1	1
2005	1	0	1	0	1	7	2	1
2006	4	0	3	0	3	8	2	4
1	0	0	0	0	0	1	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	1	0	0	0	0	1	0	1
5	0	0	0	0	3	0	1	0
6	0	0	0	0	0	0	1	0
7	0	0	0	0	0	2	0	0
8	0	0	1	0	0	1	0	0
9	0	0	0	0	0	0	0	0
10	1	0	1	0	0	2	0	0
11	1	0	1	0	0	0	0	2
12	1	0	0	0	0	1	0	1

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Unit: Number

Classification Year & Month	Total	Collision	Contact	Grounding	Capsizing	Fire/ Explosion	Sinking	Missing Ships	Engine & aux. Machinery damage
1997	203	29	4	20	6	16	31	0	47
1998	168	24	3	17	2	8	27	0	63
1999	209	38	1	14	4	11	34	0	63
2000	171	24	5	21	5	10	20	0	63
2001	155	29	11	17	6	14	14	0	39
2002	141	34	6	24	8	8	17	0	27
2003	120	31	6	15	7	12	6	0	15
2004	186	35	4	17	15	10	15	0	29
2005	165	44	2	5	9	14	11	0	40
2006	141	34	3	16	5	10	6	0	31
1	10	0	2	1	0	0	1	0	3
2	7	1	0	0	1	1	1	0	2
3	18	5	0	2	2	0	0	0	5
4	13	5	0	1	1	1	1	0	2
5	9	3	0	1	0	0	1	0	4
6	9	3	0	1	0	0	0	0	1
7	10	3	1	3	0	0	0	0	2
8	21	2	0	3	0	1	2	0	5
9	11	2	0	2	0	0	0	0	4
10	9	3	0	1	1	1	0	0	0
11	18	5	0	1	0	4	0	0	2
12	6	2	0	0	0	2	0	0	1

2-1. Marine Accidents by Accident Type (Incheon)

Unit: Number

Classi- cation Year & Month	Rudder damage	Outfitting damage	Distress	Facility damage	Death, Missing, injury	Impediment to safe operation	Marine Pollution	Propeller damage
1997	8	0	23	0	1	7	0	11
1998	2	0	3	2	3	4	0	10
1999	9	1	1	0	2	22	1	8
2000	2	0	5	0	3	10	0	3
2001	2	0	5	0	5	10	1	2
2002	2	0	1	0	0	9	0	5
2003	1	1	9	0	4	10	0	3
2004	5	0	13	0	20	18	0	5
2005	4	0	5	0	8	17	0	6
2006	2	0	4	0	2	25	0	3
1	0	0	0	0	1	2	0	0
2	0	0	1	0	0	0	0	0
3	0	0	0	0	0	4	0	0
4	0	0	0	0	0	1	0	1
5	0	0	0	0	0	0	0	0
6	0	0	1	0	1	2	0	0
7	0	0	0	0	0	1	0	0
8	0	0	1	0	0	7	0	0
9	0	0	0	0	0	3	0	0
10	0	0	0	0	0	2	0	1
11	2	0	0	0	0	3	0	1
12	0	0	1	0	0	0	0	0

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Unit: Number

Classification Year & Month	Total	Collision	Contact	Grounding	Capsizing	Fire/ Explosion	Sinking	Missing Ships	Engine & aux. Machinery damage
1997	321	52	2	35	5	15	32	1	127
1998	296	57	1	32	7	28	26	1	101
1999	354	60	1	27	17	26	35	1	124
2000	248	49	4	22	10	20	22	1	80
2001	227	46	1	21	7	26	26	0	60
2002	190	49	6	16	13	23	16	0	46
2003	147	47	2	23	5	18	15	0	22
2004	316	65	0	31	12	24	24	1	79
2005	201	41	1	19	8	17	9	0	55
2006	203	38	4	19	5	10	9	0	73
1	11	1	1	1	0	0	1	0	5
2	19	2	0	3	0	3	1	0	4
3	22	4	0	1	1	0	0	0	11
4	13	0	1	1	1	3	0	0	6
5	12	2	0	2	0	0	0	0	3
6	26	3	1	3	0	1	1	0	12
7	7	6	0	0	0	0	0	0	1
8	17	3	0	4	1	0	1	0	4
9	28	7	1	1	0	0	1	0	10
10	14	3	0	1	0	1	0	0	7
11	18	4	0	0	1	1	1	0	6
12	16	3	0	2	1	1	3	0	4

2-1. Marine Accidents by Accident Type (Mokpo)

Unit: Number

Classi- cation Year & Month	Rudder damage	Outfitting damage	Distress	Facility damage	Death, Missing, injury	Impediment to safe operation	Marine Pollution	Propeller damage
1997	7	0	7	1	2	30	0	5
1998	7	0	13	0	1	16	0	6
1999	4	1	8	0	10	32	0	8
2000	1	0	5	0	7	22	0	5
2001	3	0	7	0	7	19	0	4
2002	0	0	9	0	9	1	0	2
2003	0	0	6	0	6	0	0	3
2004	3	0	16	1	38	16	0	6
2005	6	0	7	2	18	10	0	8
2006	5	0	2	1	10	23	2	2
1	1	0	0	0	0	1	0	0
2	0	0	1	0	0	3	1	1
3	1	0	0	0	0	3	0	1
4	0	0	0	0	1	0	0	0
5	1	0	0	0	3	0	1	0
6	0	0	0	0	3	2	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	1	1	2	0	0
9	1	0	1	0	1	5	0	0
10	0	0	0	0	0	2	0	0
11	0	0	0	0	1	4	0	0
12	1	0	0	0	0	1	0	0

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Unit: Number

Classification Year & Month	Total	Collision	Contact	Grounding	Capsizing	Fire/ Explosion	Sinking	Missing Ships	Engine & aux. Machinery damage
1997	139	33	0	7	3	16	20	0	39
1998	126	12	0	14	2	10	10	3	45
1999	116	11	0	8	0	16	12	2	48
2000	102	15	1	6	2	9	14	1	31
2001	103	21	3	10	5	11	17	0	21
2002	116	37	1	7	1	8	16	0	28
2003	139	39	0	13	4	15	21	2	11
2004	142	39	0	14	1	10	12	0	31
2005	162	35	2	14	1	26	15	0	48
2006	160	29	2	19	3	16	4	0	62
1	15	5	0	2	0	4	1	0	2
2	2	0	0	0	0	0	1	0	1
3	7	1	0	1	1	1	0	0	2
4	9	1	1	1	0	2	0	0	0
5	10	1	0	0	0	1	0	0	5
6	11	3	1	0	0	3	0	0	4
7	6	2	0	0	0	0	1	0	1
8	16	3	0	1	0	1	0	0	10
9	24	5	0	4	1	0	0	0	9
10	19	4	0	6	0	1	0	0	7
11	22	1	0	2	1	1	1	0	10
12	19	3	0	2	0	2	0	0	11

2-1. Marine Accidents by Accident Type (Donghae)

Unit: Number

Classi- cation Year & Month	Rudder damage	Outfitting damage	Distress	Facility damage	Death, Missing, injury	Impediment to safe operation	Marine Pollution	Propeller damage
1997	1	0	7	0	1	12	0	0
1998	0	1	7	0	2	16	0	4
1999	2	0	5	1	0	11	0	0
2000	1	0	8	0	7	7	0	0
2001	1	0	7	0	3	3	0	1
2002	0	0	7	0	9	2	0	0
2003	0	0	5	0	24	0	0	5
2004	3	0	12	0	15	0	0	5
2005	3	0	3	0	7	6	0	2
2006	3	0	2	0	5	12	1	2
1	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0
4	2	0	0	0	2	0	0	0
5	0	0	0	0	0	2	1	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	2	0	0
8	0	0	1	0	0	0	0	0
9	1	0	0	0	1	2	0	1
10	0	0	0	0	0	1	0	0
11	0	0	1	0	0	4	0	1
12	0	0	0	0	0	1	0	0

2. Marine Accidents by Accident Type (Total)

Unit: Number

Classi- cation Year & Month	Rudder damage	Outfitting damage	Distress	Facility damage	Death, Missing, injury	Impediment to safe operation	Marine Pollution	Propeller damage
1997	16	0	47	2	6	56	0	18
1998	10	2	48	4	8	43	0	24
1999	15	2	24	2	13	73	2	18
2000	5	1	23	0	19	51	0	8
2001	6	1	25	1	17	44	1	8
2002	3	0	18	3	20	13	0	9
2003	1	2	21	0	43	12	0	12
2004	12	0	45	1	80	42	1	17
2005	14	0	16	2	34	40	2	17
2006	14	0	11	1	20	68	5	11
1	1	0	0	0	2	4	0	0
2	0	0	2	0	0	3	1	1
3	1	0	0	0	1	7	0	1
4	3	0	0	0	3	2	0	2
5	1	0	0	0	6	2	3	0
6	0	0	1	0	4	4	1	0
7	0	0	0	0	0	5	0	0
8	0	0	3	1	1	10	0	0
9	2	0	1	0	2	10	0	1
10	1	0	1	0	0	7	0	1
11	3	0	2	0	1	11	0	4
12	2	0	1	0	0	3	0	1

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Marine Accidents by Vessel Type (Total)

:

Unit: Number of Vessel

Classification Year & Month	Total	Passenger Ship	Cargo Ship	Fishing Boat	Tankers	Tug Boat	Barge	Others
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
2004	1070	20	130	734	24	67	55	40
2005	884	7	100	657	24	37	35	24
2006	850	17	110	571	41	53	40	18
1	59	2	5	39	1	7	2	3
2	51	1	7	35	3	2	1	2
3	56	1	12	37	3	2	1	0
4	63	0	7	46	1	4	4	1
5	53	0	5	34	3	4	5	2
6	92	4	21	43	9	7	6	2
7	47	1	9	27	5	1	2	2
8	87	4	9	59	6	5	3	1
9	99	2	8	78	0	5	4	2
10	82	1	5	65	4	2	2	3
11	92	1	12	62	3	9	5	0
12	69	0	10	46	3	5	5	0

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Marine Accidents by Vessel Type (Busan)

:

Unit: Number of Vessel

Classification Year & Month	Total	Passenger Ship	Cargo Ship	Fishing Boat	Tankers	Tug Boat	Barge	Others
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
2004	240	5	36	132	10	20	17	20
2005	190	2	30	130	9	6	6	7
2006	235	1	45	131	22	17	14	5
1	16	0	2	11	0	1	2	0
2	19	0	3	14	1	0	0	1
3	13	0	4	6	1	1	1	0
4	19	0	3	14	0	1	1	0
5	14	0	2	7	1	1	3	0
6	34	1	11	10	6	4	2	0
7	12	0	4	5	3	0	0	0
8	22	0	4	15	2	1	0	0
9	18	0	4	12	0	1	0	1
10	29	0	2	19	3	1	1	3
11	20	0	4	10	2	3	1	0
12	19	0	2	8	3	3	3	0

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Marine Accidents by Vessel Type (Incheon)

:

Unit: Number of Vessel

Classification Year & Month	Total	Passenger Ship	Cargo Ship	Fishing Boat	Tankers	Tug Boat	Barge	Others
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
2004	242	8	27	146	6	25	21	9
2005	220	1	27	145	5	15	18	9
2006	173	6	18	103	7	17	14	8
1	11	1	1	3	0	3	0	3
2	8	0	1	5	1	0	0	1
3	8	1	5	2	0	0	0	0
4	20	0	3	11	1	2	2	1
5	13	0	1	10	0	1	1	0
6	15	1	2	4	1	2	3	2
7	13	0	1	10	1	0	1	0
8	25	1	1	15	2	3	2	1
9	13	1	0	12	0	0	0	0
10	13	0	1	10	0	1	1	0
11	25	1	1	16	1	4	2	0
12	9	0	1	5	0	1	2	0

3-1.

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Marine Accidents by Vessel Type (Mokpo)

:

Unit: Number of Vessel

Classification Year & Month	Total	Passenger Ship	Cargo Ship	Fishing Boat	Tankers	Tug Boat	Barge	Others
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
2004	395	6	52	298	6	16	9	8
2005	267	4	32	198	8	12	8	5
2006	250	10	30	176	10	14	8	2
1	12	1	1	9	0	1	0	0
2	22	1	3	14	1	2	1	0
3	27	0	2	23	1	1	0	0
4	14	0	0	12	0	1	1	0
5	14	0	1	10	2	1	0	0
6	29	2	5	19	2	1	0	0
7	14	1	4	4	1	1	1	2
8	21	3	1	13	2	1	1	0
9	38	1	2	29	0	3	3	0
10	17	1	1	14	1	0	0	0
11	23	0	4	17	0	1	1	0
12	19	0	6	12	0	1	0	0

3-1.

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Marine Accidents by Vessel Type (Donghae)

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Unit: Number of Vessel

Classification Year & Month	Total	Passenger Ship	Cargo Ship	Fishing Boat	Tankers	Tug Boat	Barge	Others
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
2004	193	1	15	158	2	6	8	3
2005	207	0	11	184	2	4	3	3
2006	192	0	17	161	2	5	4	3
1	20	0	1	16	1	2	0	0
2	2	0	0	2	0	0	0	0
3	8	0	1	6	1	0	0	0
4	10	0	1	9	0	0	0	0
5	12	0	1	7	0	1	1	2
6	14	0	3	10	0	0	1	0
7	8	0	0	8	0	0	0	0
8	19	0	3	16	0	0	0	0
9	30	0	2	25	0	1	1	1
10	23	0	1	22	0	0	0	0
11	24	0	3	19	0	1	1	0
12	22	0	1	21	0	0	0	0

4. () Marine Accidents by Cause

Unit: Number

Classification Year	Operation error					Poor maintenance/work				Others	Total
	Non-Compliance with laws	Non-Compliance with navigation rules	Inadequate checkup before departure	Negligence	Others	Improper equipment operation	Structural & material fault in engine & aux. machinery	Electric facility & cargo gear failure	Inappropriate work procedure		
1997	28	149	1	39	98	51	15	27	5	29	442
1998	22	250	15	18	61	60	16	20	9	78	549
1999	36	201	3	15	100	51	20	36	9	20	491
2000	58	174	11	10	54	38	17	31	12	18	423
2001	66	152	5	7	88	48	11	14	4	29	424
2002	49	200	9	14	54	40	18	22	3	32	441
2003	51	185	9	7	40	26	17	17	4	20	376
2004	41	114	5	2	47	16	13	12	6	7	263
2005	67	113	2	4	70	8	9	17	7	10	307
2006	45	151	0	5	51	13	7	21	4	14	311

5. ()
Marine Accidents by Officer

Unit: Person

Classification Year	Pilot	Seafarer (Class)						Engine officer (Class)						Radio officer (Class)			Small craft operator	Total	Unlicensed
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3			
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
2004	4	16	15	29	25	22	39	0	2	3	4	1	6	0	0	0	44	210	71
2005	1	12	15	31	33	14	51	1	1	31	0	1	10	0	0	0	50	251	28
2006	6	6	13	18	22	20	38	0	0	0	0	0	1	0	0	0	24	148	9

6. ()
Marine Accidents by Vessel Tonnage (Total)

Unit: Number of Vessel

Year & Month	Total	5 Less than 5 g/t	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000 Above 5,000 g/t	Unknown
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
2004	1,070	221	238	189	124	69	54	39	49	48	39	0
2005	884	158	206	173	124	50	28	26	35	46	36	2
2006	865	91	185	201	133	49	32	30	32	63	49	0
1	59	8	4	20	12	4	4	0	1	0	6	0
2	51	7	12	10	7	3	2	1	4	2	3	0
3	71	5	15	23	7	3	1	0	2	12	3	0
4	63	5	20	12	7	4	4	2	2	2	5	0
5	53	5	9	11	11	2	2	2	2	7	2	0
6	92	7	21	10	10	6	8	5	5	10	10	0
7	47	4	9	9	3	3	2	3	6	5	3	0
8	87	9	19	24	12	2	5	0	3	7	6	0
9	99	17	18	28	17	6	1	4	0	6	2	0
10	82	8	23	21	16	4	2	2	2	2	2	0
11	92	11	19	18	19	6	0	5	3	7	4	0
12	69	5	16	15	12	6	1	6	2	3	3	0

6-1. ()
Marine Accidents by Vessel Tonnage (Busan)

Unit: Number of Vessel

Classifi- cation Year & Month	Total	5 Less than 5 g/t	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000 Above 5,000 g/t	Unknown
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
2004	240	47	35	38	30	15	22	12	12	13	16	0
2005	191	33	29	45	20	15	9	3	11	18	8	0
2006	235	37	34	40	27	14	15	11	11	20	26	0
1	16	2	0	7	1	1	2	0	1	0	2	0
2	19	3	4	3	2	2	2	0	1	0	2	0
3	13	1	1	3	1	1	0	0	2	2	2	0
4	19	1	5	5	3	1	0	1	1	0	2	0
5	14	3	3	0	0	1	1	1	0	4	1	0
6	34	3	3	3	4	2	5	2	1	4	7	0
7	12	1	1	2	0	0	1	1	3	2	1	0
8	22	4	4	3	5	0	1	0	0	2	3	0
9	18	9	2	2	1	0	1	1	0	1	1	0
10	29	5	6	5	5	2	2	1	0	1	2	0
11	20	3	2	4	2	2	0	1	2	3	1	0
12	19	2	3	3	3	2	0	3	0	1	2	0

6-1. ()
Marine Accidents by Vessel Tonnage (Incheon)

Unit: Number of Vessel

Classifi- cation Year & Month	Total	5 Less than 5 g/t	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000 Above 5,000 g/t	Unknown
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
2004	242	39	66	34	16	24	16	8	12	18	9	0
2005	221	22	66	48	19	16	5	5	11	13	14	2
2006	188	8	58	44	20	13	6	2	9	19	9	0
1	11	1	1	2	3	2	0	0	0	0	2	0
2	8	0	5	1	0	0	0	0	2	0	0	0
3	23	0	6	8	1	0	1	0	0	7	0	0
4	20	1	9	2	0	2	0	0	1	2	3	0
5	13	1	2	4	4	0	1	0	0	1	0	0
6	15	1	4	0	1	2	1	0	1	4	1	0
7	13	1	5	3	1	0	1	1	1	0	0	0
8	25	0	7	8	2	1	2	0	1	3	1	0
9	13	0	4	7	0	1	0	0	0	0	1	0
10	13	1	5	0	4	1	0	0	2	0	0	0
11	25	2	8	7	3	2	0	1	0	1	1	0
12	9	0	2	2	1	2	0	0	1	1	0	0

6-1. ()
Marine Accidents by Vessel Tonnage (Mokpo)

Unit: Number of Vessel

Classifi- cation Year & Month	Total	5 Less than 5 g/t	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000 Above 5,000 g/t	Unknown
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
2004	395	90	95	75	46	24	10	12	22	10	11	0
2005	263	59	58	35	49	12	9	13	9	8	11	0
2006	250	24	52	61	46	15	5	10	9	17	11	0
1	12	2	0	5	3	1	0	0	0	0	1	0
2	22	3	3	6	4	1	0	1	1	2	1	0
3	27	2	5	12	4	1	0	0	0	2	1	0
4	14	1	6	2	3	1	1	0	0	0	0	0
5	14	1	3	3	3	1	0	0	2	0	1	0
6	29	0	12	4	3	2	1	2	2	1	2	0
7	14	0	1	1	2	2	0	1	2	3	2	0
8	21	4	6	3	2	1	2	0	1	1	1	0
9	38	2	6	12	9	4	0	2	0	3	0	0
10	17	2	1	6	5	1	0	1	0	1	0	0
11	23	4	4	5	5	0	0	1	0	3	1	0
12	19	3	5	2	3	0	1	2	1	1	1	0

6-1. ()
Marine Accidents by Vessel Tonnage (Donghae)

Unit: Number of Vessel

Classifi- cation Year & Month	Total	5 Less than 5 g/t	6 ~ 20	21 ~ 50	51 ~ 100	101~200	201~500	501~1000	1001~2000	2001~5000	5000 Above 5,000 g/t	Unknown
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
2004	193	45	42	42	32	6	6	7	3	7	3	0
2005	209	44	53	45	36	7	5	5	4	7	3	0
2006	192	22	41	56	40	7	6	7	3	7	3	0
1	20	3	3	6	5	0	2	0	0	0	1	0
2	2	1	0	0	1	0	0	0	0	0	0	0
3	8	2	3	0	1	1	0	0	0	1	0	0
4	10	2	0	3	1	0	3	1	0	0	0	0
5	12	0	1	4	4	0	0	1	0	2	0	0
6	14	3	2	3	2	0	1	1	1	1	0	0
7	8	2	2	3	0	1	0	0	0	0	0	0
8	19	1	2	10	3	0	0	0	1	1	1	0
9	30	6	6	7	7	1	0	1	0	2	0	0
10	23	0	11	10	2	0	0	0	0	0	0	0
11	24	2	5	2	9	2	0	2	1	0	1	0
12	22	0	6	8	5	2	0	1	0	0	0	0

7. ()
Marine Accidents by Discipline

Unit: Person

Year	Classification	Discipline			Exemption from liability	Warning/Recommendation	Others	
		License revocation	Suspension	Reprimand				Total
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
2004		0	52	119	171	77	33	0
2005		0	67	135	202	52	48	2
2006		0	59	146	205	5	50	23

8.

Classification Year	Total	Visual Aids							
		Manned Light House	Un-Manned Light House	Lighted Beacon	Range Lights	Projector	Direction Lights	Lighted Staff	Lighted Buoy
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 (923)	49	585 (134)	178 (8)	3 (4)	6	3 (4)	5 (11)	340 (535)
2003	1,439 (1,102)	49	608 (141)	196 (8)	3 (4)	7	3 (4)	8 (15)	359 (668)
2004	1,514 (1,195)	49	634 (136)	212 (12)	3 (4)	8	3 (4)	30 (33)	361 (727)
2005	1,711 (1,339)	43	693 (135)	230 (22)	3 (5)	9	3 (4)	113 (35)	399 (830)
2006	2,060 (1,433)	41	752 (136)	257 (22)	4 (5)	11	3 (4)	359 (36)	412 (912)
Busan	503 (250)	3	44 (15)	14 (16)	2 (0)	0	0 (0)	351 (0)	78 (180)
Incheon	143 (271)	4	28 (28)	26 (1)	0 (0)	0	0 (1)	2 (23)	48 (141)
pyeongtaek	68 (45)	0	14 (16)	10 (0)	0 (0)	0	0 (1)	0 (0)	36 (20)
Donghae	94 (31)	4	69 (5)	2 (0)	1 (0)	2	0 (1)	0 (4)	1 (19)
Daesan	99 (135)	1	31 (15)	29 (1)	0 (2)	2	0 (1)	1 (3)	24 (94)
Gunsan	107 (27)	2	41 (5)	26 (4)	0 (0)	0	0 (0)	0 (0)	23 (11)
Mokpo	124 (60)	3	62 (7)	13 (0)	0 (0)	0	0 (0)	0 (0)	23 (32)
Jindo	126 (51)	4	71 (0)	18 (0)	0 (0)	1	0 (0)	0 (1)	14 (27)
Yeosu	256 (212)	4	91 (13)	41 (0)	0 (2)	0	2 (0)	1 (1)	83 (141)
Pohang	109 (22)	7	66 (2)	3 (0)	1 (0)	2	1 (0)	4 (1)	12 (17)
Masan	241 (212)	2	122 (10)	55 (0)	0 (1)	0	0 (0)	0 (0)	45 (151)
Ulsan	52 (70)	3	19 (15)	2 (0)	0 (0)	0	0 (0)	0 (1)	23 (44)
Jeju	138 (47)	4	94 (5)	18 (0)	0 (0)	4	0 (0)	0 (2)	2 (35)

: 1. ()
2.

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8. Aids to Navigation

Unit: Number

Unlighted Aids		Audials Aids			Radio Aids				Bridge Aids		Special Purpose	
Day Beacon	Lighted Buoy	Air-Siren	Electric Horn	Motor Siren	Radio Beacon	DGPS	Racon	Loran	Night Mark	Day Mark	VTS Vessel Traffic Service	Tidal Current Signal
28	39	24	24	1	7	0	38	1	0	0	0	0
(0)	(65)		(40)				(6)		(20)	(20)	(0)	(0)
29	44	24	22	1	7	0	43	1	0	0	0	0
(0)	(71)		(41)				(6)		(35)	(36)	(0)	(0)
26	43	24	21	1	7	2	48	1	0	0	0	0
(0)	(60)		(42)				(8)		(40)	(41)	(0)	(0)
28	40	24	21	1	7	7	55	1	0	0	0	0
(0)	(49)		(41)				(7)		(43)	(44)	(0)	(0)
28	38	24	20	1	7	8	62	1	0	0	0	0
(0)	(62)		(41)				(8)		(48)	(49)	(0)	(0)
27	41	24	20	1	8	9	65	1	0	0	0	0
(0)	(68)		(42)				(8)		(54)	(55)	(0)	(0)
29	42	23	21	1	8	11	70	1	0	0	0	0
(0)	(90)		(44)				(10)		(60)	(58)	(0)	(0)
29	43	23	21	1	9	11	76	1	0	0	0	0
(0)	(96)		(48)				(7)		(67)	(61)	(0)	(0)
33	44	20	25	1	0	13	81	1	0	0	0	0
(0)	(106)		(49)				(10)		(71)	(72)	(0)	(0)
31	43	20	26	1	0	15	84	1	0	0	0	0
(0)	(103)		(50)				(11)		(75)	(77)	(1)	(1)
0	0	0	3	0	0	1	7	0	0	0	0	0
(0)	(17)		(0)				(0)		(11)	(11)	(0)	(0)
8	13	1	2	0	0	2	9	0	0	0	0	0
(0)	(12)		(14)				(3)		(23)	(24)	(0)	(1)
0	2	0	3	0	0	0	3	0	0	0	0	0
(0)	(0)		(5)				(0)		(1)	(2)	(0)	(0)
0	2	1	5	0	0	2	5	0	0	0	0	0
(0)	(1)		(1)				(0)		(0)	(0)	(0)	(0)
0	1	1	0	0	0	0	9	0	0	0	0	0
(0)	(3)		(9)				(1)		(3)	(3)	(0)	(0)
2	0	2	1	0	0	5	4	1	0	0	0	0
(0)	(5)		(2)				(0)		(0)	(0)	(0)	(0)
6	2	2	1	1	0	1	10	0	0	0	0	0
(0)	(10)		(1)				(0)		(5)	(5)	(0)	(0)
7	0	3	2	0	0	0	6	0	0	0	0	0
(0)	(10)		(0)				(0)		(6)	(6)	(1)	(0)
2	17	2	2	0	0	1	10	0	0	0	0	0
(0)	(22)		(8)				(3)		(11)	(11)	(0)	(0)
0	1	4	2	0	0	2	4	0	0	0	0	0
(0)	(0)		(0)				(0)		(1)	(1)	(0)	(0)
2	4	2	0	0	0	0	9	0	0	0	0	0
(0)	(17)		(3)				(2)		(14)	(14)	(0)	(0)
0	1	1	2	0	0	0	1	0	0	0	0	0
(0)	(1)		(7)				(2)		(0)	(0)	(0)	(0)
4	0	1	3	0	0	1	7	0	0	0	0	0
(0)	(5)		(0)				(0)		(0)	(0)	(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: Maritime Traffic Facilities Team



*이 면은 빈 공간 입니다. (This Page Intentionally Blank)

X. 사고에 의한 해양오염발생현황

1. 작성 목적

- *해양오염사고 통계를 집계하여 분석함으로써 사고원인에 대한 예방대책마련
- *통계분석을 통한 선박 및 시설 종사자에 대한 계도 활동으로 해양환경보전의식 제고

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제15501호(’02. 02. 28)

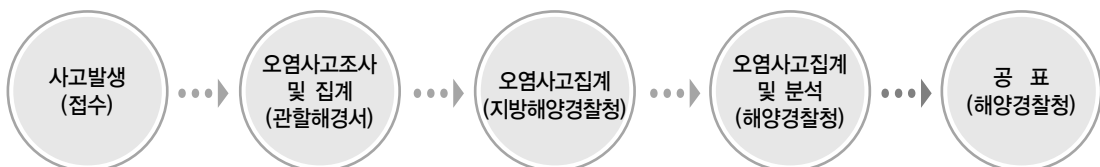
3. 조사 기간 및 기준시점

- *조사 기간 : 매월 1. 1 ~ 12. 31(1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양경찰백서(매년 8월)

4. 조사 대상

- *사고발생일시, 장소, 경도위도, 사고원인, 적발경위, 오염원, 사고개요, 오염물질, 방제사항, 피해사항, 피해액, 조치사항, 진행사항 등

5. 작성 절차



X. Marine Pollution Caused by Accident

1. Objectives

- To compile and analyze marine pollution accidents and develop countermeasures against causes of accidents
- To use statistics analyses to guide vessels and facilities staff and enhance awareness of marine environment preservation

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
Publication of statistics under Article 27, the Statistics Law
Approval number 15501 (February 28, 2002)

3. Time Reference

Surveyed for a period of time: From January 1 to December 31 (one year)
Surveyed at a point of time: December 31 of every year
Publication of statistics: White Paper of Korea Coast Guard (every August)

4. Subject

Accident date, location, latitude/longitude, cause of accident, details of discovery, pollution source, summary of accident, pollutant, pest control, damages, loss amount, countermeasures, status of progress

5. Process

Accident (registered) → Investigate/compile pollution accidents (Korea Coast Guard) → Compile pollution accidents (Regional Coast Guard) → Compile/analyze pollution accidents (Korea Coast Guard) → Publication (Korea Coast Guard)

1. (5-1)
Marine Pollution by Accident

Unit: Number/kl

Year	Classification	Total	West Coast				South Coast					East Coast			
			Incheon	Taejeon	Gunsan	Mokpo	Jeju	Wando	Yeosu	Tongyeong	Busan	Ulsan	Pohang	Donghae	Sokcho
1997		3,915	306	230	176	287	336	35	269	502	717	304	311	215	227
	(kl)	10,233.5	214.5	293.6	325.4	352.7	543.7	6.3	2,905.1	2,143.7	1,988.7	476.5	861.0	68.3	54.0
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
2004		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
2005		343	22	25	19	18	39	4	28	41	67	26	38	8	8
	(kl)	1,461.7	28.1	7.5	19.3	42.6	17.6	1.8	1,232.8	27.0	38.5	36.1	8.0	1.3	1.1
2006		355	31	20	13	25	35	10	18	55	84	14	26	12	12
	(kl)	410.3	1.6	14.7	2.0	36.8	41.2	2.1	6.9	169.3	68.0	28.6	16.5	21.4	1.2
2006		285	21	9	6	15	18	11	29	46	74	19	19	4	14
	(kl)	364.7	49.4	1.1	42.1	.7	.3	1.0	33.7	3.2	213.4	16.6	1.7	.8	.7

Source : National Maritime Police Agency

1. (5-2)
Marine Pollution by Accident

Unit: Number/kl

Year	Classifi- cation	Total	(Oil)				Garbage (/Ton)	Noxious substance	
			Sub-Total	Heavy oil	Diesel oil	Bilge			Others
1997		3,915	3,730	649	1,376	1,175	530	148	37
	(kl)	10,233.5	9,583.4	5,367.1	3,347.5	267.1	601.7	401.0	249.1
1998		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
1999		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
2000		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
2001		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
2002		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
2003		385	372	52	183	87	50	7	6
	(kl)	409.9	198.8	51.4	138.6	5.4	3.4	.4	210.7
2004		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
2005		343	326	68	128	84	46	14	3
	(kl)	1,461.7	1,429.9	105.9	1,314.1	7.4	2.5	21.6	10.2
2006		355	347	69	141	86	51	7	1
	(kl)	410.3	334.9	123.7	131.8	55.2	24.2	73.4	2.0
2006		285	269	60	102	60	47	11	5
	(kl)	364.7	155.6	54.3	77.3	20.1	3.9	200.9	8.2

1.

(5-3)

Marine Pollution by Accident

Unit: Number/kl

Year	Classifi- cation	Total	(Oil)				Garbage (/Ton)	Noxious substance	
			Sub-Total	Heavy oil	Diesel oil	Bilge			Others
		285	269	60	102	60	47	11	5
	(kl)	364.7	155.6	54.3	77.3	20.1	3.9	200.9	8.2
1		21	20	4	6	6	4	0	1
	(kl)	3.5	3.5	1.9	1.1	.5	.0	.0	.0
2		24	24	3	11	7	3	0	0
	(kl)	20.4	20.4	.2	14.3	5.5	.4	.0	.0
3		28	25	8	9	5	3	2	1
	(kl)	244.1	44.1	.7	41.0	.4	2.0	200.0	.0
4		35	31	5	12	8	6	2	2
	(kl)	2.1	1.6	.5	.4	.5	.2	.3	.2
5		35	35	7	13	9	6	0	0
	(kl)	3.0	3.0	1.3	.4	1.2	.1	.0	.0
6		27	26	4	10	6	6	1	0
	(kl)	18.1	18.1	.6	16.1	1.1	.3	.0	.0
7		25	21	5	9	3	4	4	0
	(kl)	35.0	34.7	34.1	.3	.1	.2	.3	.0
8		24	23	4	7	8	4	0	1
	(kl)	13.6	5.6	3.2	1.9	.3	.2	.0	8.0
9		19	18	7	5	2	4	1	0
	(kl)	6.4	6.4	.4	.9	5.0	.1	.0	.0
10		18	18	3	8	4	3	0	0
	(kl)	15.5	15.5	9.7	.3	5.1	.4	.0	.0
11		17	16	7	5	1	3	1	0
	(kl)	1.9	1.6	1.2	.2	.2	.0	.3	.0
12		12	12	3	7	1	1	0	0
	(kl)	1.1	1.1	.5	.4	.2	.0	.0	.0

1. (5-4)
Marine Pollution by Accident

Unit: Number

Year & Month	Total	(Ships)					(Shore Facility)	Others
		Sub-Total	Cargo Ship	Tankers	Fishing Boat	Others		
	3,915	3,411	503	290	2,040	578	381	123
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
2004	343	294	39	39	149	67	42	7
2005	355	298	43	13	183	59	42	15
2006	285	237	33	26	112	66	41	7
1	21	17	2	4	7	4	0	4
2	24	21	3	1	11	6	1	2
3	28	20	3	0	9	8	8	0
4	35	28	4	0	15	9	7	0
5	35	28	7	1	18	2	7	0
6	27	25	2	6	12	5	2	0
7	25	20	2	4	8	6	5	0
8	24	20	3	0	10	7	3	1
9	19	18	4	3	6	5	1	0
10	18	17	3	5	7	2	1	0
11	17	13	0	0	6	7	4	0
12	12	10	0	2	3	5	2	0

1. (5-5)
Marine Pollution by Accident

:

Unit: Number

Year & Month	Total	Marine accident	Carelessness	Intention	Damage	Others
	3,915	1,162	1,772	547	311	123
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
2004	343	107	161	31	37	7
2005	355	121	173	16	30	15
2006	285	73	117	14	74	7
1	21	5	8	1	3	4
2	24	8	9	1	4	2
3	28	7	18	0	3	0
4	35	7	12	2	14	0
5	35	7	17	4	7	0
6	27	5	7	4	11	0
7	25	5	15	1	4	0
8	24	10	6	0	7	1
9	19	5	7	0	7	0
10	18	5	7	0	6	0
11	17	4	8	1	4	0
12	12	5	3	0	4	0

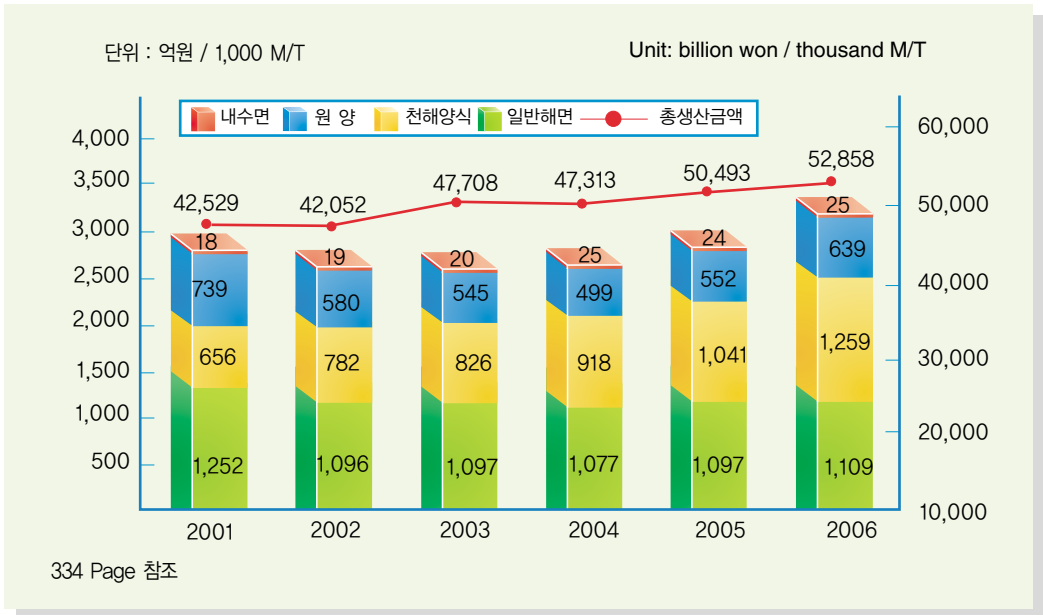


*이 면은 빈 공간 입니다. (This Page Intentionally Blank)

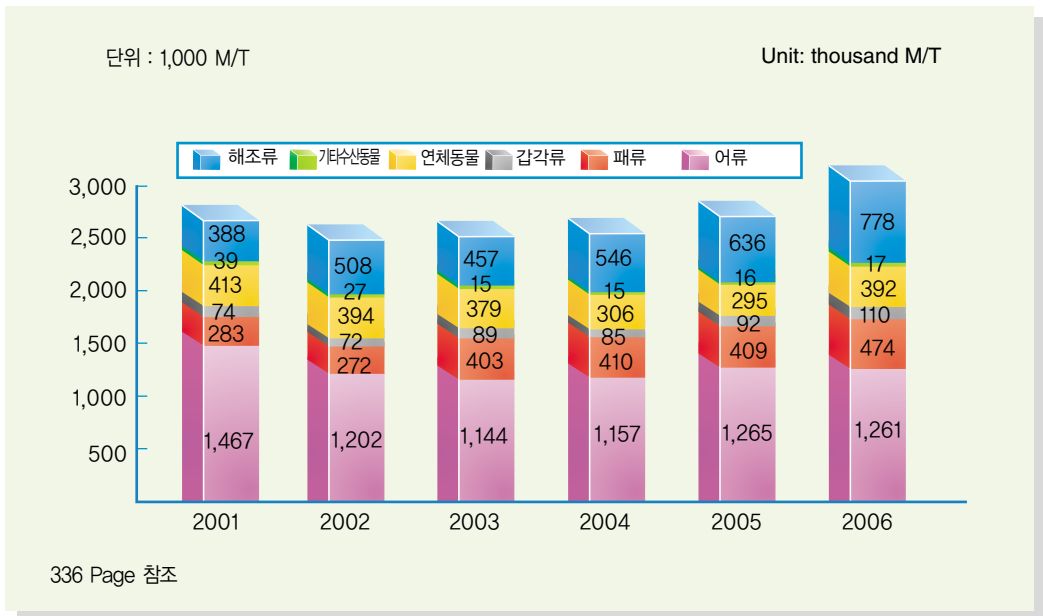


수 산
Fisheries

36. 어업별 생산량 Production by fishery type

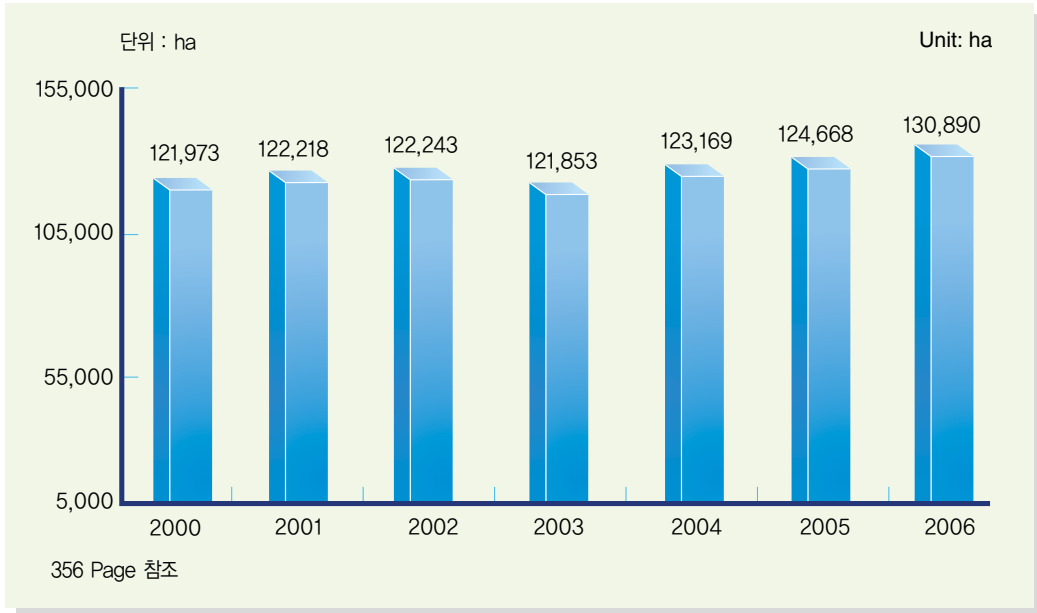


37. 품종별 생산량 Production by fish type



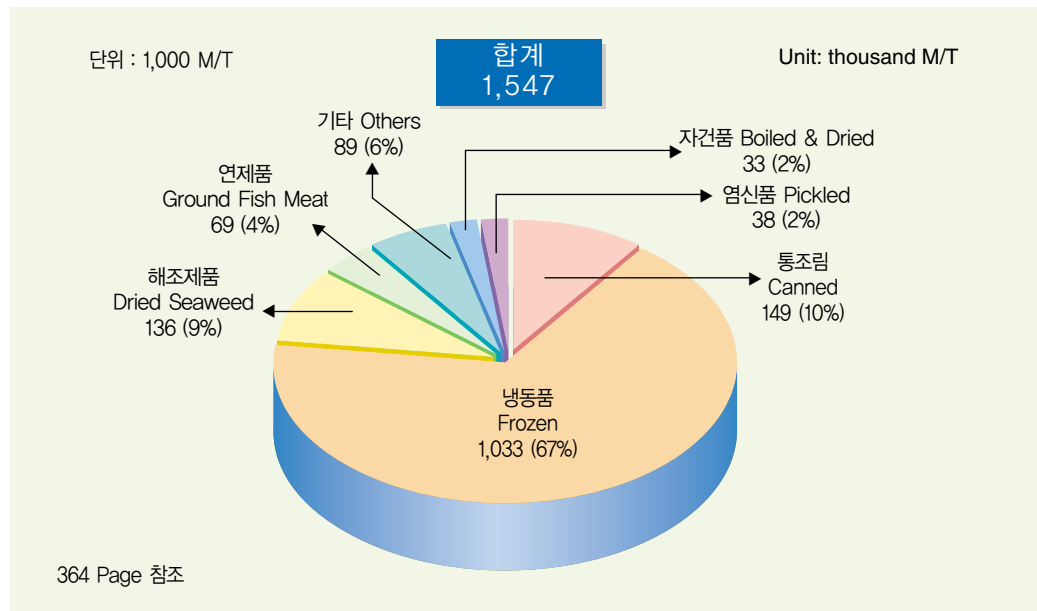
38. 천해양식 어업권현황

Fishery Rights on shallow Sea Farming

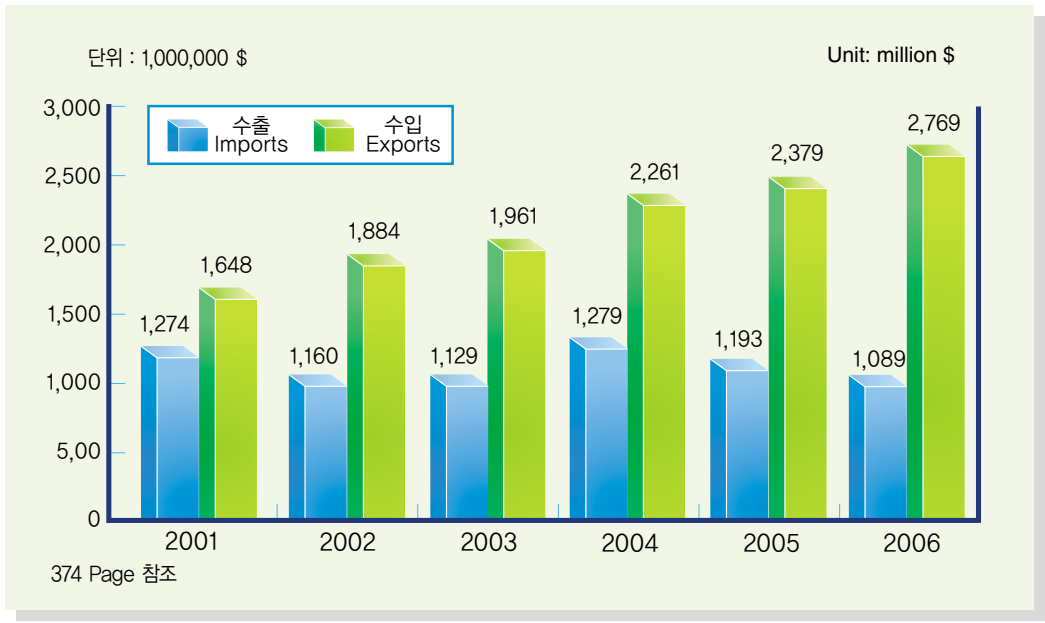


39. 품종별 수산 가공품 생산량

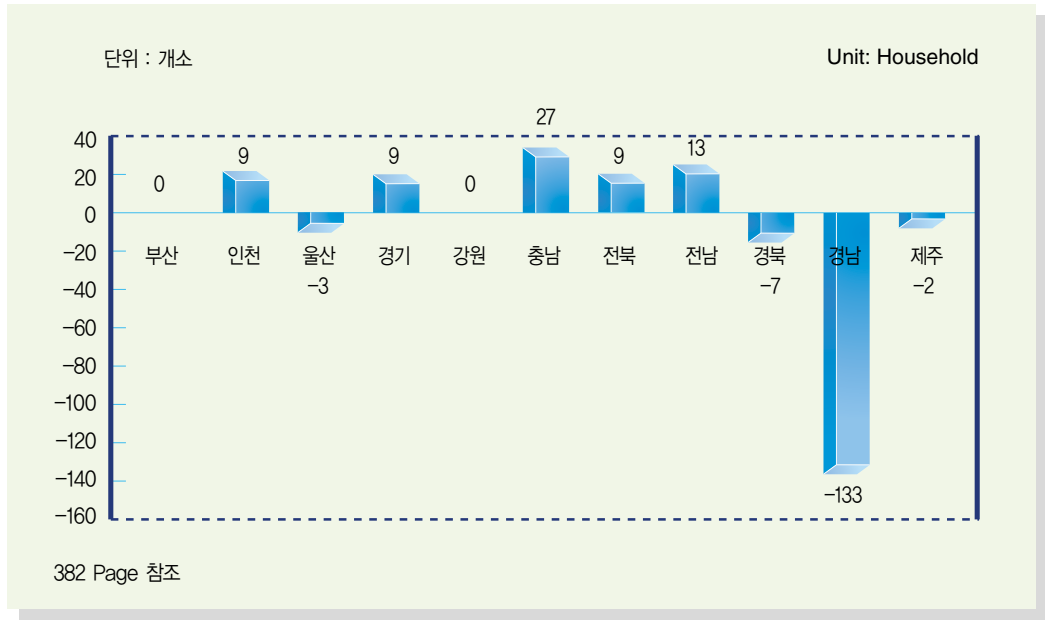
Production of Processed Fisheries Products by Item



40. 수산물 수출입 실적 Imports and Exports of Fisheries Products



41. 어류양식 어가(사업체) 증감추이 Changes in the Number of Fisheries Households



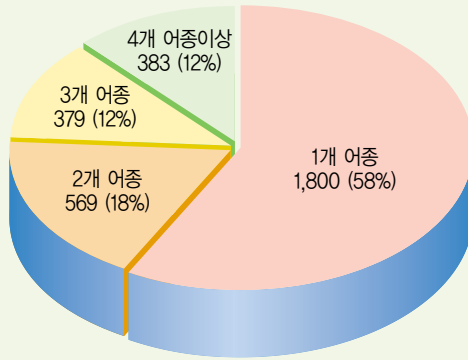
42. 2006년 어종수별 양식어가(사업체) 비중

Proportion of Fisheries Households by Fish Type in 2006

단위 : 개소

합계
3,131

Unit: Household



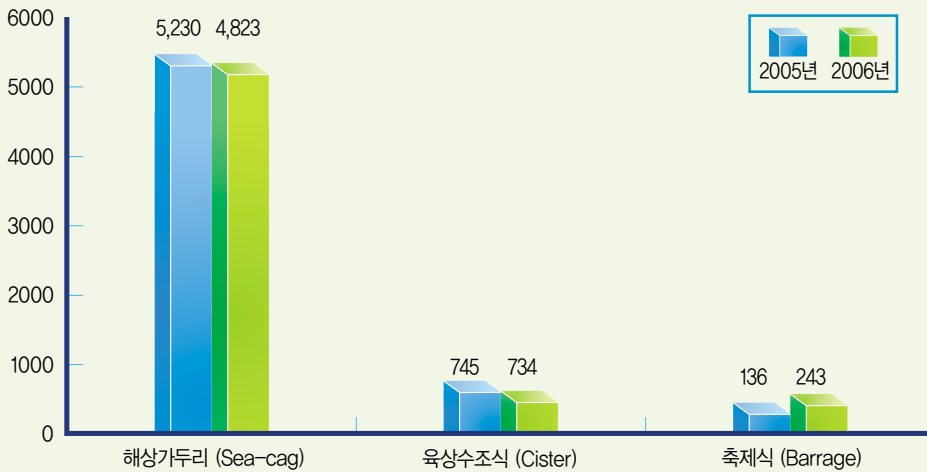
383 Page 참조

43. 양식 어종 · 방법별 어가(사업체) 현황

Aquaculture Households by Fish Type and Facility Type

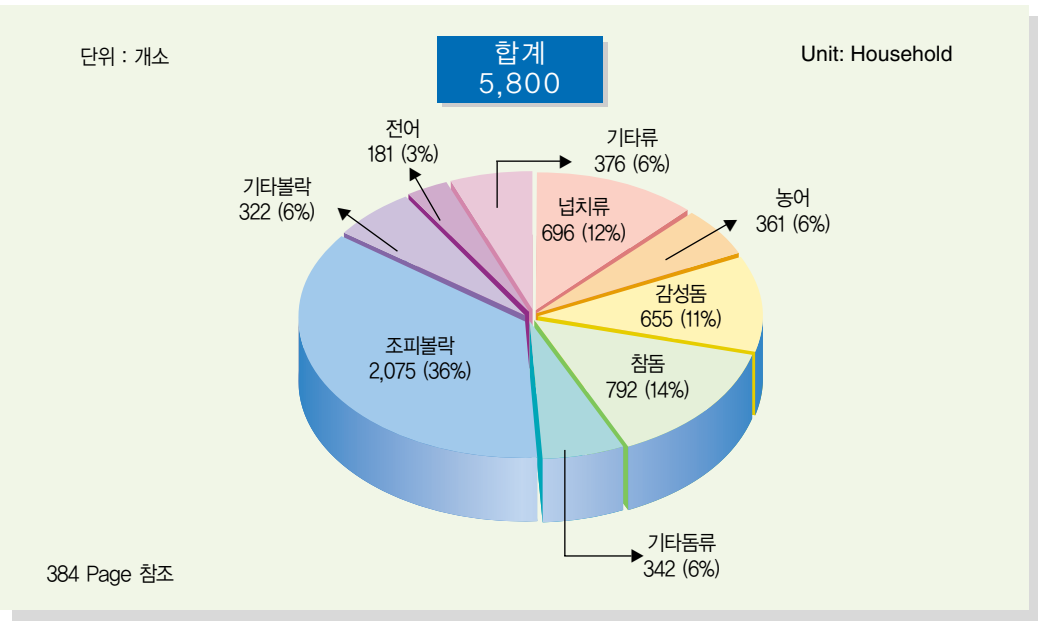
단위 : 개소

Unit: Household

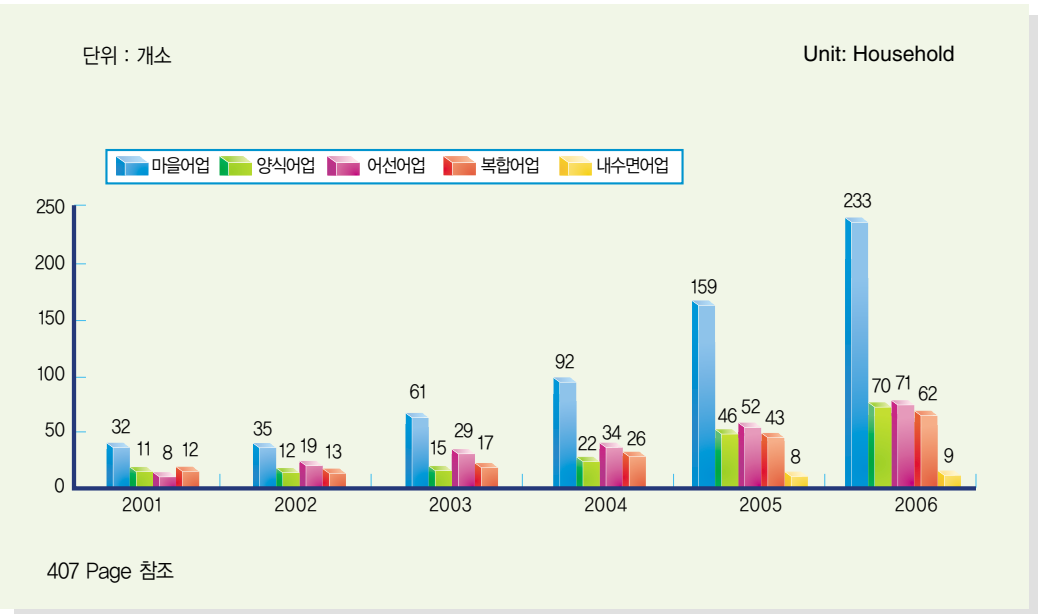


384 Page 참조

44. 양식 어종별 어가(사업체) 현황 Aquaculture by Fish Types



45. 자율관리어업공동체현황 Self Management Fisheries Communities

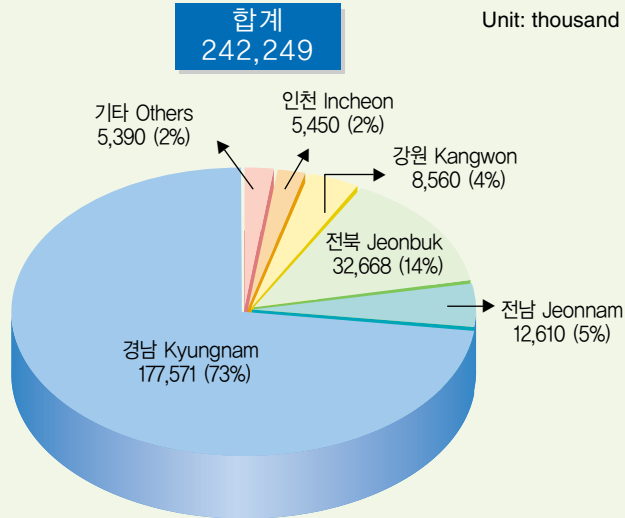


46. 도립수산종묘시험장 생산 실적

Seedling Production Results of Provincial Marine Hatchery

단위 : 천미

Unit: thousand number



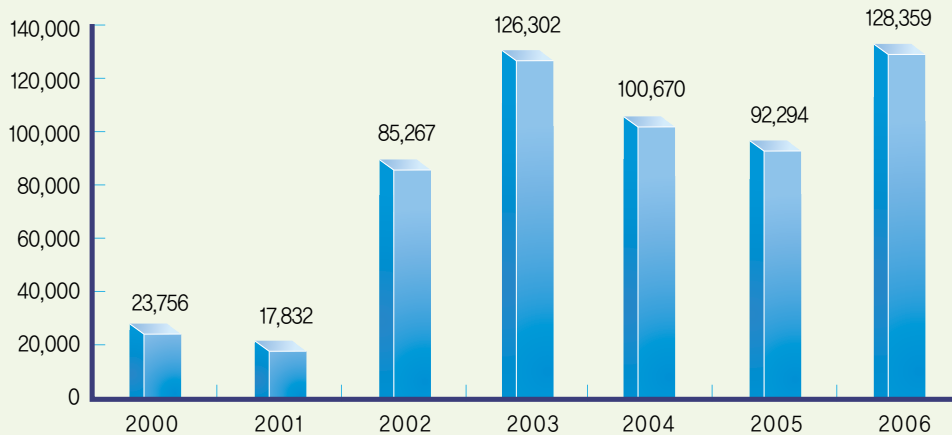
413 Page 참조

47. 민간종묘매입방류실적(연도별)

Results of Private Seedling Purchase and Release Year

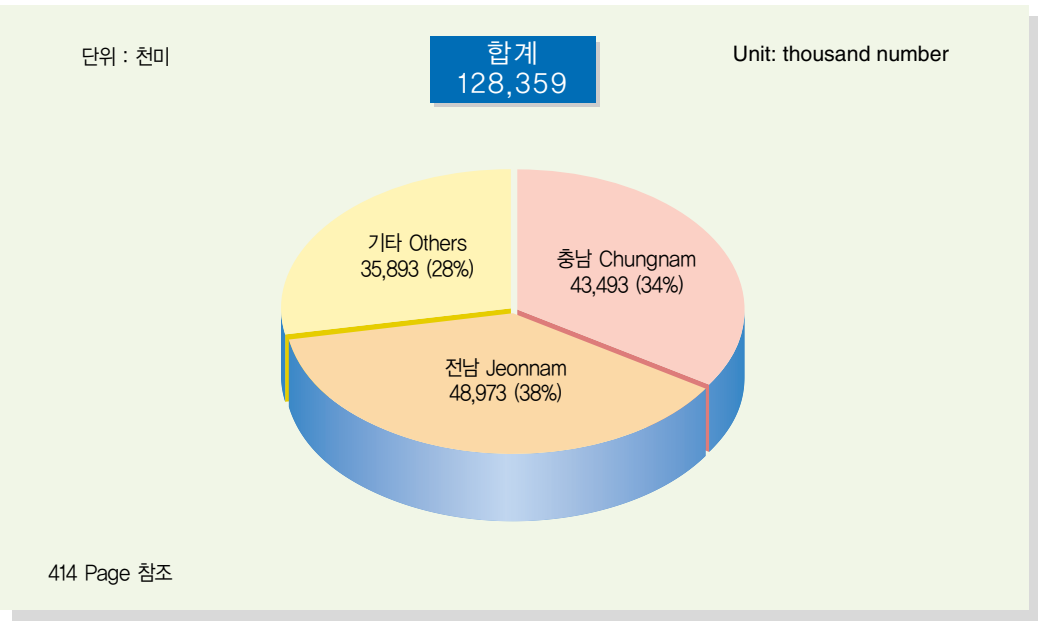
단위 : 천미

Unit: thousand number

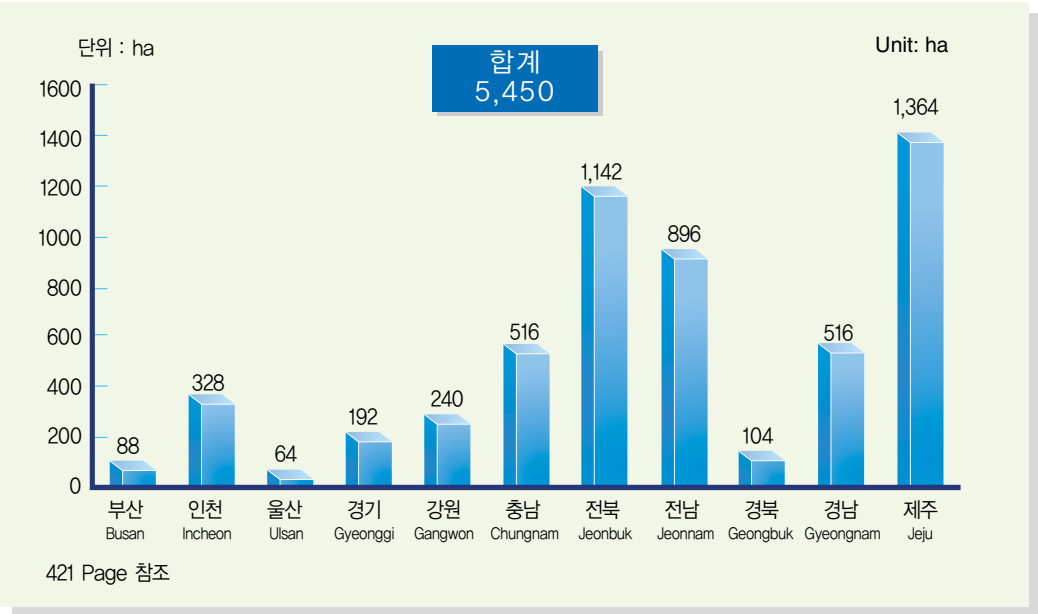


414 Page 참조

48. 민간종묘매입, 방류실적(지역별) Results of Private Seedling Purchase and Release by Administrative District



49. 인공어초 지역별 시설 면적 Artificial Reef Area by Administrative District

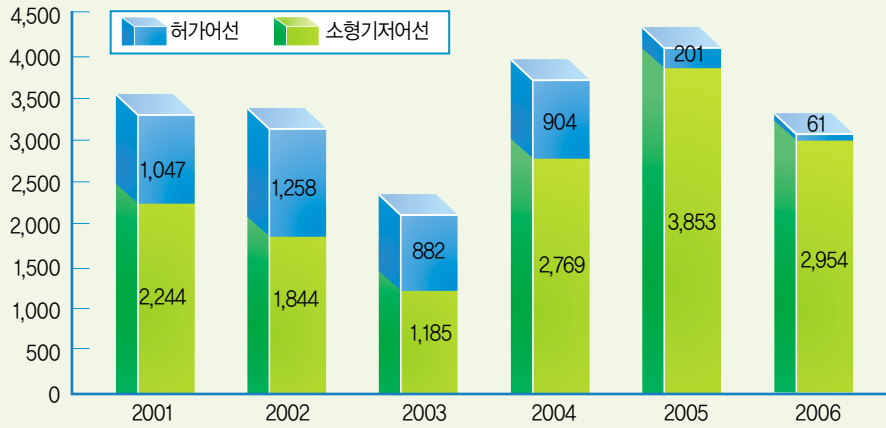


50. 어선별 불법어업 단속실적

Record of Illegal Fishing Control by Vessel

단위 : 건수

Unit: Number



426 Page 참조

I. 어업생산통계 조사

1. 조사 목적

*어업생산통계는 수산물의 업종별, 품종별 생산량과 생산금액을 파악하여 수산물생산, 어업경영 및 수산물유통개선 등 수산정책수립을 위한 기초자료를 제공하고 국가간 어업협상을 위한 공신력 있는 기초자료를 마련하기 위해 조사·작성

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
 *통계법 제27조 규정에 의한 통계공표
 *승인번호 : 제12322호('70. 12. 02)

3. 조사 기간 및 기준시점

*조사 기간 : 매월 1일 ~ 말일
 *기준 시점 : 매월 말일
 *결과 공표 : 매월말 전월통계자료 공표(어업생산통계 월보 발간)

4. 조사 대상

*어법별·품종별 생산량 및 생산금액

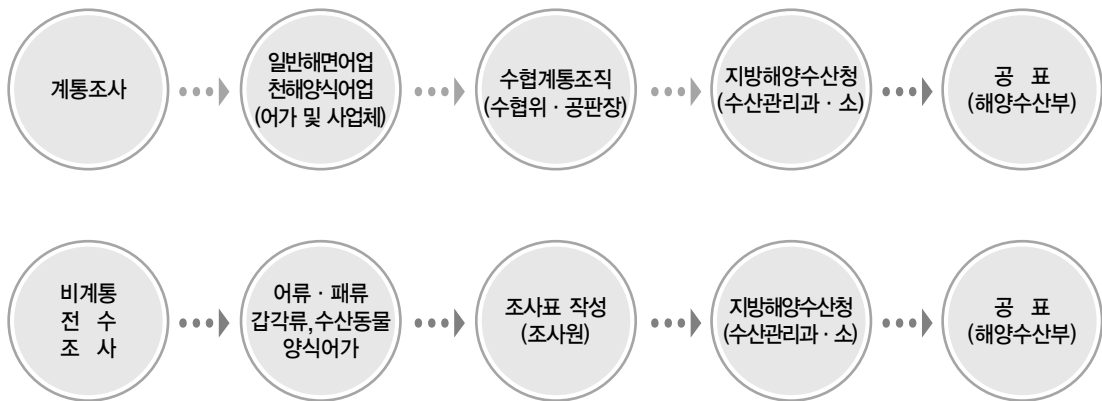
5. 조사 방법

*일반해면어업 및 천해양식어업
 - 계통조사(전국지역수협의 위·공판장), 비계통조사(표본조사, 전수조사)
 *내수면어업
 - 어로어업(표본조사), 양식어업(전수조사), 원양어업(원양어업협회 보고)

6. 주요 항목

* 일반해면어업, 천해양식어업, 내수면어업, 원양어업, 기선저인망어업, 트롤어업, 자망어업, 봉수망어업 등

7. 작성 절차



I . Fishery Production

1. Objectives

To use it as basic fisheries data for establishing fisheries policies such as fisheries production, distribution, and management systems improvement by figuring out production and value of fisheries, and to provide reliable basic data needed for fishing negotiations

2. Legal Basis

Designated statistics under Article 15, the Statistics Law
 Publication of statistics under Article 27, the Statistics Law
 Approval number 12322 (December 02, 2007)

3. Time Reference

Surveyed for a period of time: from the 1st of each month to the last day of the month

Surveyed at a point of time: at the last day of every month

Publication of statistics: statistics of the previous month at the last day of every month (publishing monthly periodicals containing fisheries production statistics)

4. Subject

Production and value of fisheries by item and type

5. Methods

Adjacent waters fisheries and shallow water aquaculture

- Systematic research (Fisheries Cooperatives consignment and joint markets), non-systematic research (sample research, complete enumeration)

Inland water fisheries

- Fishing (sample research), aquaculture (complete enumeration)

Deep-sea fisheries (reports from the Korea Deep Sea Fisheries Association)

6. Survey Items

Adjacent waters fisheries, shallow- sea fisheries, deep- sea fisheries, bottom trawl fishery, trawl fishery, gillnet fishing, stick-held-dip-net fishery

7. Process

Systematic research Adjacent waters fisheries, shallow- sea fishery (fishery households and businesses) Fisheries Cooperatives Systematic Organization (Fisheries Cooperatives consignment and joint markets) regional offices of maritime affairs and fisheries (fisheries management divisions, subdivisions) Publication (MOMAF)

Non-systematic complete enumeration fishery households for fish, shell fishes, crustacean, and aquatic animals culture fishery households creation of research table regional maritime affairs and fisheries (fisheries management divisions and subdivisions) Publication (MOMAF)

1. Production by Fisheries Type

: M/T

Unit: metric ton

	Total	Marine Fisheries				Inland Waters Fisheries		
		Sub-total	Distant Waters Fisheries	Adjacent Waters Fisheries	Shallow-sea Cultures	Sub-total	Fishing	Culture
1997	3,243,739	3,211,943	829,403	1,367,406	1,015,134	31,796	6,932	24,864
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
2004	2,519,101	2,493,802	499,400	1,076,687	917,715	25,299	10,302	14,997
2005	2,714,050	2,690,211	552,096	1,097,041	1,041,074	23,839	7,500	16,339
2006	3,032,116	3,007,273	639,184	1,108,815	1,259,274	24,843	7,139	17,704

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2. Value of Production by Fisheries Type

Unit: thousand won

:	Total	Distant Waters Fisheries	Adjacent Waters Fisheries	Shallow-sea Cultures	Inland Waters Fisheries
1997	4,090,631,619	546,921,428	2,483,356,678	921,811,273	138,542,240
1998	4,388,414,298	1,000,869,601	2,293,637,349	950,314,972	143,592,376
1999	4,320,447,683	1,094,370,434	2,280,019,536	831,902,493	114,155,220
2000	4,066,447,411	929,666,868	2,329,483,389	683,855,951	123,441,203
2001	4,252,897,861	964,125,161	2,468,308,722	717,162,507	103,301,471
2002	4,205,241,656	809,405,519	2,487,006,174	794,517,120	114,312,843
2003	4,770,818,670	1,072,613,948	2,405,810,605	1,165,674,921	126,719,196
2004	4,731,322,329	737,288,543	2,609,717,094	1,217,104,552	167,212,140
2005	5,049,321,385	819,231,699	2,705,954,841	1,348,407,375	175,727,470
2006	5,285,860,057	891,030,682	2,751,251,398	1,443,168,636	200,409,341

Source: Fishing Business Administration Division

3.

: M/T

	Total										
	Total	Fishes	Crustacea	Shell Fishes	Mollusca	Other Aquatic Animals	Seaweeds	Algae			
									Subtotal	Fishes	Crustacea
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	-	1,095,812	714,058	57,327
2003	2,487,042	1,143,516	89,380	402,957	379,092	14,889	457,208	-	1,096,526	656,528	66,002
2004	2,519,101	1,157,252	85,262	409,739	306,206	14,834	545,808	-	1,076,687	672,227	57,110
2005	2,714,050	1,264,855	92,417	409,150	295,060	16,200	636,368	-	1,097,041	721,947	62,075
2006	3,032,116	1,260,688	109,684	474,373	392,047	16,657	778,667	-	1,108,815	715,048	73,715
	Marine Fishery										
	Distant Waters Fisheries										
	Subtotal	Fishes	Crustacea	Mollusca	Total	Subtotal					
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					
2004	499,400	400,134	25,648	73,618	25,299	10,302					
2005	552,096	439,711	28,842	83,543	23,839	7,500					
2006	639,184	433,122	33,807	172,255	24,843	7,139					

3. Production by Fisheries Type

Unit: 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		
65,328	248,331	4,709	14,933	655,827	29,297	2,081	217,078	-	33,833	373,538	2001	
57,336	251,411	5,253	10,427	781,519	48,073	1,403	212,433	-	22,053	497,557	2002	
109,878	252,624	6,340	5,154	826,245	72,393	2,324	291,063	-	8,411	452,054	2003	
100,180	232,588	5,522	9,060	917,715	64,476	2,426	304,889	-	9,176	536,748	2004	
81,012	211,517	5,278	15,212	1,041,074	81,437	1,399	326,255	-	10,827	621,156	2005	
80,434	219,792	6,072	13,754	1,259,274	91,123	1,683	391,060	-	10,495	764,913	2006	
Inland Waters Fisheries												
Fishing					Cultures							
Fishes	Crustacea	Shell Fishes	Other Aquatic Animals	Algae	Subtotal	Fishes	Crustacea	Shell Fishes	Other Aquatic Animals	Algae		
5,254	48	669	0	0	12,170	11,678	30	358	104	-	2001	
4,993	61	636	0	-	12,821	11,287	16	1,413	105	-	2002	
4,504	111	1,465	0	-	13,600	12,895	16	551	138	-	2003	
6,288	32	3,981	1	-	14,997	14,127	46	689	135	-	2004	
6,034	66	1,400	0	-	16,339	15,726	35	483	95	-	2005	
5,516	452	1,171	-	-	17,704	15,879	27	1,708	90	-	2006	

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: M/T

	Total						
		Total	Distant Water Longliner	Distant Water Purse Seine	Distant Water Angling	Distant Water Stick-held Dip Net	
		2001	2,665,124	739,057	62,526	178,072	127,411
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	
2004	2,519,101	499,400	53,667	184,985	25,010	22,943	
2005	2,714,050	552,096	49,619	210,777	28,144	40,509	
2006	3,032,116	639,184	46,149	249,340	87,668	12,009	
	Total	Large Otter Trawls					
		Sub - Total	Danish Seine	Pair Trawl	Sub-Total	Eastern Sea Danish Seine	
		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	
2004	1,076,687	77,041	10,502	66,539	17,637	4,705	
2005	1,097,041	86,215	9,102	77,113	21,718	4,215	
2006	1,108,815	95,971	11,072	84,899	23,790	4,266	
	Subtotal	Purse Seines			Line Fishing		
		Large Powered Purse Seine	Small Powered Purse Seine	Coastal Sailing Purse Seine	Sub-Total	Off-Shore Angling	Coastal Angling
		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	-
2004	238,961	220,004	10,885	8,072	66,845	66,845	-
2005	192,078	173,795	11,634	6,649	62,891	62,891	-
2006	167,814	146,839	14,791	6,184	66,082	66,082	-

4. Production by Fisheries Type and Fishing Methods (2-1)

Unit: metric ton

Marine Fisheries							
Distant Waters Fisheries							
(North Pacific Ocean Trawl (Russia))	Distant Waters Trawl	Trawl	Shrimp Trawl	Bottom Longline	Distant Drift Gill Nets	Others	
198,541	-	132,261	375	16,581	-	2,421	2001
24,998	-	160,623	-	9,873	-	2,223	2002
22,650	-	162,471	-	5,656	-	2,478	2003
21,985	-	183,738	-	5,291	-	1,781	2004
23,581	9,235	181,839	-	5,070	-	3,322	2005
14,201	54,007	167,711	-	5,230	-	2,869	2006
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			
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
10,973	1,959	123,692	85,688	38,004			2004
11,179	6,324	101,606	67,543	34,063			2005
11,101	8,423	108,386	75,375	33,011			2006
Marine Fisheries							
Adjacent Waters Fisheries							
Gill Nets				Stow Nets			
Sub-Total	Off-Shore drift Gill Nets	Coastal drift Gill Nets	Anchovy Drag Nets	Sub-Total	Off-Shore Stow Nets	Coastal Stow Nets	
140,310	50,809	89,501	96,951	94,593	66,951	27,642	2001
136,132	53,368	82,764	90,492	84,549	59,144	25,405	2002
92,052	29,690	62,362	133,954	69,858	40,887	28,971	2003
82,877	29,770	53,107	104,846	64,432	44,145	20,287	2004
99,891	36,194	63,697	132,146	67,691	43,045	24,646	2005
102,874	37,346	65,528	142,618	74,496	47,694	26,802	2006

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	Off-shore Stick-Held dip Nets	Diving	Sub-Total	Traps			Coastal Traps	Sub-Total	
				Off-Shore Traps					
		Eel Traps	Other Traps						
2001	-	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		
2004	-	11,343	54,411	11,007	25,616	17,788	1,755		
2005	-	12,453	60,756	9,203	24,485	27,068	2,325		
2006	-	11,287	63,533	9,700	26,538	27,295	606		

	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				
2001	504	-	71,302	49,470	-	18,824	678	1,571	7,233
2002	84	-	38,773	38,922	-	14,824	1,129	771	7,137
2003	3,810	45,404	48,997	47,793	-	25,760	1,087	2,751	6,451
2004	20	43,444	37,108	20,638	-	30,504	100	4,811	9,022
2005	1,470	42,720	49,083	36,366	-	39,439	585	9,002	11,790
2006	1,494	38,580	45,166	35,770	-	41,677	260	7,932	15,431

) 1998
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(5-1)

	Total	Total	Sub-Total	가 Skates	가 Flounders	Hair Tail	Mackerels	Saury	Bastard	Sea Bass	가 Skip Jack Tuna
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
2004	2,519,101	499,400	400,134	7,631	278	2,802	1,374	22,625	1	953	162,200
2005	2,714,050	552,096	439,711	5,058	71	2,065	130	40,509	5	616	171,641
2006	3,032,116	639,184	433,122	5,154	2	2,049	285	12,009	-	318	205,221

4. Production by Fisheries Type and Fishing Methods (2-2)

Unit: 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			
878	1,927	-	32,143	15,180	16,963	5,554	2001	
494	1,180	-	30,415	16,142	14,273	6,044	2002	
2,224	-	-	-	14,755	-	11,672	2003	
1,755	-	-	-	11,373	-	9,120	2004	
2,325	-	-	-	14,830	-	21,741	2005	
606	-	-	-	16,472	-	16,157	2006	

Marine Fisheries								
Adjacent Waters Fisheries				Shallow-sea Cultures	Inland Waters Fisheries			
Cooperative Fisheries			Others		Total	Fishing	Cultures	
Dredged Nets	Small Shrimp Beam Trawl	Others						
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
8,715	3,282	4,574	80,640	917,715	25,299	10,302	14,997	2004
4,422	3,666	9,974	51,622	1,041,074	23,839	7,500	16,339	2005
4,465	3,780	9,809	56,042	1,259,274	24,843	7,139	17,704	2006

5. Production by Species (5-1)

Unit: 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	
1,920	735	31,335	-	58,957	4,212	225	10,652	2,224	251	2001
2,488	649	31,962	-	48,778	5,027	-	7,272	1,645	266	2002
1,895	221	21,839	0	52,192	4,790	4	2,595	3,035	253	2003
1,736	145	26,324	700	40,216	1,861	-	2,803	4,513	269	2004
2,877	33	24,178	987	52,474	2,237	127	2,643	4,128	292	2005
3,265	130	24,333	68	55,831	2,153	53	2,751	3,957	166	2006

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	Sea-Breams										
	Other Cods	Nebulosus	Orange Roughy	Lcticus Pellucidus	Butter Fish	Snappers	Silver Grunter	Other sea -Breams	Alaska Pollack	Croakers	Hoki Whiptail
	2001	604	459	47	-	209	601	2	4,834	199,123	22,033	11,037
2002	146	409	-	-	636	369	-	8,253	24,825	24,295	10,943
2003	80	-	56	-	787	265	7	6,604	21,890	23,401	11,118
2004	183	-	-	-	454	139	-	7,316	20,009	19,578	7,677
2005	1,148	-	658	-	650	-	-	7,627	26,004	18,712	9,002
2006	32	-	305	-	1,058	-	5	6,240	26,269	15,522	7,383

	Fishes											
	White Marlin	Blue Marlin	Sword Fish	Black Marlin	Other Marlin	Tongue Fishes	Gurnards	Atka Fish	Pacific Ocean Perch	Jack Mackerels	Croakers	Herring
	2001	44	349	1,031	1,291	1,617	2,706	-	-	202	313	1,630
2002	2	275	1,151	1,150	1,819	1,842	-	0	430	1,192	2,054	20
2003	41	233	880	1,625	1,593	1,594	-	-	611	2,525	3,703	-
2004	5	121	1,316	1,935	1,620	1,674	1	-	287	10,365	5,507	-
2005	1	240	1,485	2,292	1,297	1,592	-	-	106	9,572	5,984	-
2006	5	127	1,217	2,024	681	1,725	0	-	213	11,934	5,085	28

	Total	Sub-Total	가	가	Hair Tail	Sea Bass	Mackerels	Saury	Half Beak	Bastard	Common Sea Bass
			Skates	Flounders							
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
2004	1,076,687	672,227	2,320	12,038	66,291	18,727	184,274	2,960	1,137	1,737	1,382
2005	1,097,041	721,947	2,446	15,319	60,086	15,495	135,596	4,319	607	2,112	1,173
2006	1,108,815	715,048	3,126	19,879	63,739	19,375	101,427	697	369	2,298	1,173

5. Production by Species (5-2)

Unit: 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				
1,604	-	-	78	2,097	512	1,621	350	33		2001			
1,864	2	-	6	1,338	585	1,943	396	128		2002			
1,630	34	-	15	771	145	1,005	330	131		2003			
1,875	29	1	63	670	312	640	442	3		2004			
1,602	36	-	75	1,325	373	917	612	0		2005			
2,100	3	-	141	865	445	1,054	408	2		2006			
Marine Fisheries													
Distant Waters Fisheries													
Crustacea						Mollusca							
Others	Sub-Total	Crabs	Krill	Other Shrimps	Others	Sub-Total	Cuttle Fishes	Octopus	Squid	Other Mollusca			
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		
41,481	25,648	176	25,212	104	156	73,618	2,882	557	69,999	180	2004		
38,330	28,842	82	28,678	26	56	83,543	1,908	80	81,172	383	2005		
30,506	33,807	32	33,677	43	55	172,255	945	550	170,211	549	2006		
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
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
3,336	50	1,755	2,472	2,641	820	1,405	15	518	1,408	1,105	29	196,646	2004
2,858	32	3,324	2,401	4,272	1,117	1,186	78	513	1,404	7,486	77	249,001	2005
2,044	11	2,715	2,647	6,810	1,055	1,537	135	502	1,489	2,081	17	265,346	2006

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	Alaska Pollacks	Brown Croaker	Yellow Tail	Round Herring	Whatings	Pomfret	White Croaker	Sillaginoid	Puffers	Black Rockfish	Other Rockfish	Yellow Croaker
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
2004	64	974	5,321	755	1,888	9,286	320	8	3,971	3,774	1,266	65
2005	25	1,302	2,876	1,756	6,955	11,448	287	22	2,226	3,000	1,725	38
2006	60	2,002	5,073	953	2,967	13,873	338	165	3,368	3,713	1,400	125
	Fishes											
	Sharp Toothed Eel	Borer	See Eel	Jack Mackerels	Hickory Shad	Sardine	Edlip Croaker	Other Croakers	Bigeyed Herring	File Fish	Herring	Skate Ray
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
2004	766	58	16,506	25,513	4,313	215	17,570	2,443	16	1,267	5,113	259
2005	810	11	14,739	42,608	6,264	46	15,272	3,435	17	1,055	7,592	255
2006	672	15	15,242	23,227	7,315	0	21,428	6,686	19	1,071	12,496	392
	Crustacea											
	Other Shrimps	Others	Sub-Total	Bai-top Shell	Oysters	Trumpet-Shell	Abalone (Earshell)	Abalones	가 Scallop	가 (Venus Clam)	() (Hen clam)	
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	
2004	7,383	763	100,180	2,101	25,690	9,507	19	82	18	950	3,363	
2005	8,269	980	81,012	1,696	27,320	8,498	66	136	13	826	128	
2006	12,353	1,022	80,434	1,434	31,016	7,496	54	116	23	662	612	

5. Production by Species (5-3)

Unit: 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	
25,513	389	1,013	140	-	149	9,784	5,813	4,803	462	1,699	19	1,261	2001
25,956	243	585	260	-	111	8,887	9,500	5,145	7	1,199	33	627	2002
22,608	213	730	225	-	123	7,877	10,486	2,419	1,047	1,495	42	3,083	2003
26,622	172	803	302	-	148	8,023	11,885	223	2,419	1,477	16	772	2004
33,794	259	1,396	375	-	129	9,774	11,448	1,160	3,925	1,738	15	1,048	2005
36,484	208	1,887	888	-	143	8,835	12,226	1,546	4,197	1,948	37	1,294	2006
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		
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	
14,568	57,110	2,683	2,605	23,113	8,110	2,575	595	848	132	7,889	414	2004	
22,220	62,075	3,714	3,240	21,926	10,383	3,364	742	989	282	7,352	834	2005	
24,283	73,715	6,894	4,062	23,890	10,184	4,272	772	1,261	215	7,810	980	2006	
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			
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		
2,571	13,433	5,456	12,902	6,860	2,846	15	2,471	257	588	11,051	2004		
1,827	5,201	2,240	14,447	3,135	945	32	3,453	230	724	10,095	2005		
4,366	7,597	854	7,559	4,490	272	0	5,409	148	1,184	7,142	2006		

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	Mollusca										
	Sub-Total	Cuttle Fishes	Squid	Rouple Squid	Octopus	Other Octopus	Squids	Others	Sub-Total	Stalked Sea Squirts	Sea Urchin
	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
2004	232,588	905	793	7,023	5,953	5,048	212,760	106	5,522	211	1,301
2005	211,517	1,325	1,304	7,658	7,637	4,390	189,126	77	5,278	62	2,035
2006	219,792	1,988	1,354	7,397	7,894	4,032	197,084	43	6,072	8	2,596

	Adjacent Waters Fisheries									
	Seaweeds					Total				
	Sea Staghorn	Fusiforme	Sea Lettuce	Other Seaweeds	Sub-Total		Mulletts	Bastard	Common Sea Bass	
2001	404	7,024	40	594	655,827	29,297	1,415	16,426	873	
2002	558	5,081	412	901	781,519	48,073	3,898	23,348	2,006	
2003	27	2,744	182	564	826,245	72,393	4,093	34,533	2,778	
2004	616	5,284	71	517	917,715	64,476	3,596	32,141	1,850	
2005	3,083	3,520	246	301	1,041,074	81,437	5,500	40,075	2,600	
2006	2,875	2,933	164	374	1,259,274	91,123	5,651	43,852	1,571	

	Sub-Total	Large Shrimp	Litopenaeus Vannamei	Shirimp Medium	Other Shirimp	Sub-Total	Oysters	Trumpet-shell	Abalone (Ear shell)	Abalones	가 Scallop
2001	2,081	2,081	-	-	-	217,078	174,117	-	-	29	66
2002	1,403	1,403	-	-	-	212,433	182,229	-	-	85	5
2003	2,324	2,324	-	-	-	291,063	238,326	-	-	1,065	23
2004	2,426	2,426	-	-	-	304,889	239,270	-	-	1,260	173
2005	1,399	1,399	-	-	-	326,255	251,706	-	-	2,062	215
2006	1,683	1,022	661	-	-	391,060	283,296	-	-	3,050	292

5. Production by Species (5-4)

Unit: 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		
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	-	1,089	2,150	117	2002	
836	1,281	1,622	5,154	122	-	37	7	-	942	467	62	2003	
1,115	1,154	1,741	9,060	3	0	0	48	-	719	1,791	11	2004	
1,485	1,135	561	15,212	13	7	9	128	2	4,740	3,079	84	2005	
1,105	1,614	749	13,754	2	11	12	473	1	3,569	3,012	328	2006	
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	Atka Fish	File Fish	White Cracker		Others
20	275	641	94	45	95	63	9,254	76	3	3	5	9	2001
39	685	960	234	19	186	29	16,550	86	-	0	-	33	2002
101	1,084	4,417	1,287	7	114	14	23,771	167	-	3	-	24	2003
36	1,379	3,988	1,430	-	45	48	19,576	132	-	19	-	236	2004
155	2,671	5,816	2,048	-	57	76	21,297	339	-	74	-	729	2005
46	2,705	4,386	1,689	13	66	248	27,517	496	-	137	-	2,746	2006
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		
25	6	3,842	-	-	16,433	26	0	1,240	7,359	13,653	282		2001
219	-	413	-	-	10,652	5	-	577	4,745	13,201	302	2002	
189	0	2,440	-	2	27,494	167	73	783	4,696	15,785	20	2003	
79	-	10,849	-	-	27,570	127	-	1,997	3,134	20,409	21	2004	
80	-	3,226	-	-	17,401	47	2	4,950	2,548	43,953	65	2005	
256	-	5,063	-	-	14,327	107	-	872	2,064	81,617	116	2006	

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	Other Fishies											
	Sub-Total		Stalked Sea Squirts		Sea Squirts		Sea Cucumber		Others			
2001	33,833		15,084		4,603		-		14,146			
2002	22,053		5,266		9,613		-		7,174			
2003	8,411		2,047		3,116		-		3,248			
2004	9,176		2,590		6,349		-		237			
2005	10,827		1,412		9,334		1		80			
2006	10,495		1,519		7,127		-		1,849			
	Total		Fishing									
			Total	Sub-Total	Common Sea Bass	Tilapia	Korean Bullhead	Trout	Mullet	가		
										Shake Head	Mud Fish	
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	
2004	25,299	10,302	14,997	14,127	11	302	44	3,502	0	278	1,770	
2005	23,839	7,500	16,339	15,726	8	268	27	3,320	1	252	2,346	
2006	24,843	7,139	17,704	15,879	22	272	80	1,878	9	287	2,771	
	Fishes								Crabs			
	Salmon	Sweet Fish	Pancy Carp	Common Carp	Israel Carp	Pale Chub	Sea Shiner	Others	Sub-Total	Crabs	Shrimps	Others
2001	1	65	49	372	1,212	-	5	15	30	21	9	-
2002	0	63	39	283	962	-	-	37	16	16	0	-
2003	-	69	38	190	920	-	10	21	16	14	2	-
2004	-	76	33	231	702	1	-	21	46	22	24	-
2005	-	45	49	429	973	-	-	22	35	16	19	-
2006	-	19	39	320	706	-	-	44	27	11	16	-

5. Production by Species (5-5)

Unit: 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		
373,538	167,909	17,506	175,490	-	-	7	6,865	5,760	1	2001	
497,557	209,995	24,873	242,135	4	-	72	11,016	9,291	171	2002	
452,054	193,553	25,259	198,172	-	-	53	33,661	1,355	1	2003	
536,748	228,554	22,510	261,574	-	-	142	22,814	1,154	-	2004	
621,156	197,610	108,327	281,871	-	-	1,597	30,058	814	879	2005	
764,913	217,559	201,919	322,371	-	-	165	21,125	682	1,092	2006	
Inland Waters Fisheries											
Culture											
Fishes											
Cannel Cat Fish	Loach	Eel	Blue Gill	Gold Fish	Crap	Pond Smelt	Salmon Trout				
-	642	2,644	-	35	169	-	31			2001	
5	398	2,968	-	26	107	-	47			2002	
-	968	4,312	-	44	103	1	21			2003	
-	1,837	5,168	-	34	106	-	11			2004	
2	1,952	5,775	-	46	176	6	29			2005	
-	1,138	7,966	-	59	172	8	89			2006	
Inland Waters Fisheries											
Culture											
Shell Fishes				Other Aquatic Aimals			Algae				
Sub-Total	Melanian Snail	Fresh Water Snail	Martels	Others	Sub-Total	Mud Turtle	Others	Sub-Total	Water Shield	Others	
358	-	40	309	9	104	104	-	-	-	-	2001
1,413	-	77	1,336	0	105	105	-	-	-	-	2002
551	-	64	485	2	138	138	0	-	-	-	2003
689	-	44	641	4	135	135	-	-	-	-	2004
483	-	63	408	12	95	95	-	-	-	-	2005
1,708	15	1,250	443	-	90	90	-	-	-	-	2006

6.

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	Total	()							North Pacific Ocean Trawl (Hokkaido)
		Subtotal	Distant Water Longliner	Distant Water Purse Seine	Distant Water Angling	Distant Water Stick-held Dip Net	North Pacific Ocean Trawl (Russia)		
2002	580,346	400,977	60,372	206,150	22,746	20,088	24,947	-	
2003	544,591	359,672	44,552	190,452	6,180	31,219	22,650	-	
2004	499,400	367,973	44,243	184,285	12,568	22,943	21,985	-	
2005	552,096	401,681	41,180	209,790	3,517	40,509	23,581	6,405	
2006	639,184	402,986	36,336	249,340	2,564	12,009	14,201	23,949	
	Atlantic Ocean								
	Subtotal	Tuna Longliner	Squid Angling	Trawl	Shrimp Trawl	Distant Waters Trawl	Bottom Longline	Mother-Ship Type Angling	Distant Waters Stick-Held Dip Net
2002	160,147	-	72,014	84,856	-	-	1,475	1,772	-
2003	146,717	402	74,691	67,759	-	-	1,765	2,026	-
2004	77,330	1,689	12,442	59,041	-	-	1,755	1,703	-
2005	97,424	1,481	24,627	63,958	-	1,440	1,675	3,215	-
2006	182,477	2,438	85,104	73,990	-	16,278	1,808	2,436	-
	Indian Ocean				Antarctic Ocean				
	Bottom Longline	Distant Waters Angling	Other Fisheries	Subtotal	Trawl	Distant Waters Trawl	Bottom Longline	Other Fisheries	
2002	1,381	-	-	954	861	-	93	-	
2003	1,100	-	-	15,714	15,422	-	292	-	
2004	-	-	-	26,903	26,363	-	540	-	
2005	-	-	-	29,728	29,499	-	229	-	
2006	-	-	-	34,889	25,600	9,038	251	-	

6. Production of Distant Water Fisheries by Fishing Methods and Sea Area

Unit: metric ton

Pacific Ocean								
Trawl	Bottom Longline	Distant Waters Trap	Gill Net	Distant Waters Grill Nets	Distant Waters Trap	Other Fisheries		
59,329	6,924	421	-	-	-	-	2002	
61,742	2,499	378	-	-	-	-	2003	
78,875	2,996	78	-	-	-	-	2004	
73,467	3,166	-	-	-	66	0	2005	
61,406	3,171	-	-	-	10	-	2006	
Distant Waters Angling	Purse Seine	Other Fisheries	Subtotal	Tuna Longliner	Trawl	Shrimp Trawl	Distant Waters Trawl	
30	-	-	18,268	1,259	15,628	-	-	2002
74	-	-	22,488	3,840	17,548	-	-	2003
-	700	-	27,194	7,735	19,459	-	-	2004
-	987	41	23,263	6,958	14,915	-	1,390	2005
-	-	423	18,832	7,375	6,715	-	4,742	2006



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Ⅱ. 천해양식어업 어업권현황

1. 조사 목적

*시장·군수·구청장이 관할하는 수면에 대한 어장이용개발계획 수립에 있어서, 종합적 이용·관리 도모

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12321호('02. 08. 12)
- *관련법령 : 어업면허의관리등에관한규칙 제50조

3. 조사 기간 및 기준시점

- *조사 기간 : 매반기
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양수산통계연보

4. 조사 대상

- *당해연도 시군구청 어업면허 처분 대상
- 어업의 명칭, 면허번호, 어업권자, 면허면적, 면허기간, 어업권이전(변경)인가, 처분연월일

5. 조사 방법

*어업면허의관리등에관한규칙 제50조의「별지 제52호 서식」에 따라 보고

6. 주요 항목

- *해면어업면허처분상황
- 정치망어업
 - 해조류양식어업
 - 패류양식어업
 - 어류등양식어업
 - 복합양식어업
 - 협동양식어업, 마을어업

7. 작성 절차



II. Fishery Rights on shallow-Water Aquaculture

1. Objectives

To promote comprehensive use and management of sea and to establish plans to develop and use fishing grounds in waters under the jurisdiction of each administrative office

2. Legal Basis

Designated statistics under the Article 15, the Statistics Law
 Publication of statistics under the Article 27, the Statistics Law
 Approval number 12321 (August 12, 2002)

3. Time Reference

Surveyed for a period of time: for half a year

Surveyed at a point of times: December 31 of every year

Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

Fishery licenses subject to administrative measures the concerned year

- Fishery types, license numbers, fishery license holders, licensed areas, licensed periods approvals for transfer (change) of fishery right, and the date of change

5. Methods

According to <Annex 52> under the Article 50 of the rules related to fishery licenses

6. Survey Items

Current Status of Sea Fishery Licenses

- Set nets fisheries
- Seaweed aquaculture
- Shell aquaculture
- Fish aquaculture
- Composite aquaculture
- Cooperative aquaculture

7. Process

Reports to heads of local governments (every half a year) → Reports to heads of provincial local governments (every January 31) → MOMAF (Aquaculture Development Division) → Publication (MOMAF)

1.

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	2000		2001		2002	
	Number	Area	Number	Area	Number	Area
	8,461	121,973	8,554	122,218	8,717	122,243
	2,331	71,543	2,259	70,201	2,238	69,209
	1,289	55,510	1,253	54,823	1,208	54,012
	730	12,317	692	11,749	714	11,576
	113	1,376	117	1,366	128	1,487
	16	401	17	421	18	411
가	0	0	0	0	0	0
	167	1,836	158	1,697	146	1,570
	0	0	0	0	0	0
	16	103	22	145	24	153
	0	0	0	0	0	0
	4,952	44,819	5,036	46,171	5,196	47,138
	1,172	8,129	1,164	8,174	1,201	8,368
	895	8,322	902	8,448	856	8,020
	580	5,433	585	5,566	601	5,845
가	213	2,882	209	2,861	220	3,004
	104	1,066	108	1,103	113	1,134
	912	10,628	908	10,579	901	10,384
	13	170	9	121	9	121
	138	781	140	800	138	773
가	197	1,638	186	1,611	178	1,735
,	661	5,114	759	6,243	868	6,667
	35	100	36	127	40	126
	5	8	4	5	4	5
	5	274	3	238	5	274
	15	214	16	234	16	234
	2	24	2	24	2	24
()	5	36	5	36	44	424
	653	2,216	662	2,256	653	2,302
가	506	1,342	515	1,381	510	1,372
	147	874	147	875	143	930
	525	3,395	597	3,590	630	3,594
()	89	1,168	78	891	81	851
	411	1,384	462	1,597	478	1,802
	0	0	0	0	0	0
	4	13	9	31	9	31
	21	830	48	1,071	62	910

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1. Fishey Rights on Shallow-Water Aquaculture by Species and Year

Unit: ha, number

2003		2004		2005		2006		
Number	Area	Number	Area	Number	Area	Number	Area	
8,839	121,853	9,046	123,169	9,110	124,668	9,297	130,890	Total
2,209	68,062	2,277	69,348	2,194	69,503	2,381	74,757	Sea-Weeds
1,166	53,136	1,159	52,749	944	51,894	971	55,101	Laver
733	11,421	547	8,019	499	5,873	495	5,740	Sea Mustard
131	1,440	274	3,484	390	5,283	462	6,149	tangle
16	393	14	1,481	36	2,130	53	2,371	Sea Lettuce
0	0	0	0	0	0	0	0	Agar-Agar
140	1,523	259	3,446	291	4,001	336	4,684	Fusiforme
0	0	0	0	0	0	0	0	Seaweed Papulosa
23	149	24	169	27	228	36	333	Gulf weed or Sea lentil
0	0	0	0	7	94	28	379	Others
5,245	47,381	5,367	47,087	5,510	48,193	5,552	49,550	Shell Fishes
1,170	7,876	1,211	8,127	1,215	8,043	1,186	7,739	Oysters
851	8,004	852	7,917	862	7,974	868	8,147	Arkshell
640	6,328	607	5,707	631	6,025	614	6,207	Short Neck Clam
212	2,929	213	2,918	213	3,058	213	3,073	Cockles
105	1,036	109	1,070	111	1,013	114	1,038	Venus Clam
901	10,392	895	10,316	876	10,053	847	9,686	Egg Cockle
10	181	10	181	22	375	21	335	Hard Clams
134	716	138	692	154	715	165	776	Sea Mussel
161	1,562	151	1,496	139	1,401	119	1,230	Scallop
953	7,287	1,079	7,842	1,189	8,631	1,172	7,851	Abalones
39	116	37	115	39	114	38	114	Pearl Oyster
4	5	0	0	0	0	0	0	Abalone Shell
5	274	3	46	8	261	9	279	Pen Shell
18	248	17	232	9	104	1	12	Surf Clam
2	24	0	0	0	0	0	0	Hen Cockle
40	403	45	428	42	426	185	3,063	Others
612	2,136	596	2,002	570	1,822	574	1,987	Fishes
488	1,300	478	1,237	468	1,211	452	1,194	Cages
124	836	118	765	102	611	122	793	Barrage
773	4,274	806	4,732	836	5,150	790	4,596	Other Aquatic Animals
85	660	97	891	106	949	63	694	Shrimp
500	1,836	488	1,668	473	1,598	503	1,902	Sea Squirts
133	508	165	649	171	669	161	623	Lug Worm
6	23	9	75	21	150	33	236	Sea Cucumber
49	1,247	47	1,449	65	1,784	30	1,141	Others

Source : Aquaculture Development Division

2.

.

: ha,

	2000		2001		2002	
	Number	Area	Number	Area	Number	Area
	8,462	121,973	8,554	122,218	8,717	122,243
	118	1,760	118	1,761	117	1,760
	212	2,054	237	2,415	258	2,474
	69	504	68	501	67	498
	71	837	57	664	87	1,484
	101	1,159	105	1,230	106	1,288
	539	7,707	539	7,456	550	7,404
	515	6,294	512	6,368	508	6,206
	4,491	86,418	4,466	86,261	4,562	86,038
	466	3,087	507	3,206	514	3,228
	1,860	11,450	1,925	11,652	1,923	11,160
	20	703	20	704	25	703

2. Fishey Rights on Shallow-Water Aquaculture by Administrative District and Year

Unit: ha, number

2003		2004		2005		2006		
Number	Area	Number	Area	Number	Area	Number	Area	
8,839	121,853	9,046	123,169	9,110	124,668	9,297	130,890	Total
114	1,730	125	1,672	127	1,672	128	1,671	Busan
235	2,346	229	2,261	229	2,152	234	2,177	Incheon
67	495	65	483	68	500	68	490	Ulsan
87	1,483	87	1,466	84	1,613	88	1,893	Gyeonggi
107	1,266	111	1,325	119	1,585	137	2,295	Gangwon
542	7,178	551	7,218	541	7,095	585	8,202	Chungnam
508	6,198	510	6,196	503	6,237	460	6,726	Jeonbuk
4,566	85,136	4,659	86,266	4,691	87,531	4,869	91,195	Jeonnam
517	3,371	518	3,374	515	3,367	510	3,358	Gyeongbuk
2,068	11,940	2,143	11,906	2,184	11,909	2,170	11,879	Gyeongnam
28	710	48	1,002	49	1,007	48	1,004	Jeju

Ⅲ. 수산물가공업생산고 조사

1. 조사 목적

*수산물 가공제품 생산실태를 파악, 수산정책 수립의 기초자료로 활용

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
 *통계법 제27조 규정에 의한 통계공표
 *승인번호 : 제12304호('71. 12. 30)

3. 조사 기간 및 기준시점

*조사 기간 : 매월 1. 1 ~ 12. 31(1년)
 *기준 시점 : 매년 12. 31
 *결과 공표 : 해양수산통계연보

4. 조사 대상

*수산동식물을 직접 원료 또는 재료로 가공하고 있는 모든 사업체

5. 조사 방법

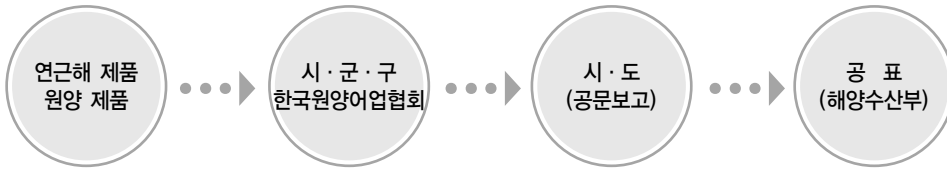
*업체로부터 보고 또는 면접조사(FAX 또는 공문 보고 취합)

6. 주요 항목

*수산물가공품의 생산량 및 금액

- 소건·염건·자건·염장·염신·통조림·냉동·연제·조미가공품 및 해조제품, 한천, 어유분, 수산피혁, 기타

7. 작성 절차



III. Production of Processed Fisheries Products

1. Objectives

To figure out production status of processed fisheries products and to use it as basic data for establishing fisheries policies

2. Legal Basis

Designated statistics under the Article 15, the Statistics Law
Publication of statistics under the Article 27, the Statistics Law
Approval Number 12304 (December 30, 1971)

3. Time Reference

Surveyed for a period of time: from the first day to the last day of every year (1 year)
Surveyed at a point of time: December 31 of every year
Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subject

All the businesses processing aquatic animals and plants as raw or basic materials

5. Methods

Reports from and interviews with businesses (collection of reports delivered through FAX or official documents)

6. Survey Items

Production and Value of fisheries processed products
- Dried, salted and dried, cooked, salted and preserved, pickled, canned, frozen, ground fish meat, flavor seasoned, dried seaweed, agar, fish meal and oil, fish skin, and etc.

7. Process

Offshore products, deep sea products → the Korea Deep Sea Fisheries Associations nationwide → Administrative district (reported through official documents) → Publication (MOMAF)

1. 가

: M/T

	Total	Plain Dried	Salted & Dried	Boiled & Dried	Salted & Preserved	Pickled	Canned
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	83,043
2003	1,357,717	9,280	237	17,207	1,388	35,993	80,608
2004	1,528,795	13,976	763	37,614	1,967	32,659	159,638
2005	1,559,201	21,692	1,337	35,314	3,686	39,848	138,585
2006	1,546,784	23,837	12,258	33,164	5,006	37,992	149,487
	938,107	23,837	12,258	33,164	5,006	37,992	149,487
	468	0	0	0	0	0	0
	299,503	81	52	67	2,097	1,861	0
	4,398	0	0	457	0	0	0
	21,425	0	0	0	0	1,967	0
	0	0	0	0	0	0	0
	19	0	0	0	0	0	0
	9,594	0	0	101	0	296	0
	58,380	0	0	16	0	10,555	0
	36,651	12,093	0	85	38	2,864	0
	777	5	0	0	0	0	0
	24,973	24	0	286	629	6,070	0
	10,486	39	64	64	76	3,466	44
	209,987	38	11,589	15,578	291	9,255	9,008
	28,625	11,170	0	0	0	1,251	1,959
	220,009	387	137	16,510	1,780	379	138,476
	12,812	0	416	0	95	28	0
	608,677	0	0	0	0	0	0

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1. Production of Processed Fisheries Products by Item

Unit: metric ton

Frozen	Dried Seaweed	Agar-Agar	Ground Fish Meat	가 Flavour Seasoned	Fish Meal & Oil	Fish Skin	Others	
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
1,053,077	71,265	458	96,581	22,486	8,797	938	28,576	2004
1,023,081	153,597	443	88,290	19,759	11,739	1,824	20,006	2005
1,033,060	135,668	329	69,350	19,500	7,618	794	18,721	2006
424,383	135,668	329	69,350	19,500	7,618	794	18,721	Coastal
468	0	0	0	0	0	0	0	Seoul
253,437	1,951	0	21,488	1,881	1,048	794	14,746	Busan
3,421	0	0	520	0	0	0	0	Daegu
17,576	106	0	0	0	1,776	0	0	Incheon
0	0	0	0	0	0	0	0	Gwangju
0	0	0	0	19	0	0	0	Daejeon
8,932	156	0	109	0	0	0	0	Ulsan
3,032	2,532	0	36,711	5,534	0	0	0	Gyeonggi
9,297	19	0	367	7,256	4,285	0	347	Gangwon
473	0	0	0	299	0	0	0	Chungbuk
8,494	5,444	33	655	1,666	0	0	1,672	Chungnam
5,339	852	0	6	527	0	0	9	Jeonbuk
39,153	123,270	173	0	1,632	0	0	0	Jeonnam
10,822	0	0	2,230	653	0	0	540	Gyeongbuk
52,204	800	123	7,264	33	509	0	1,407	Gyeongnam
11,735	538	0	0	0	0	0	0	Jeju
608,677	0	0	0	0	0	0	0	Distant Water

Source : Fisheries Products Quality and Safety Division

2. 2006

가

가

(3-1)

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
가	1,546,784	131,633	122,485	162,858	154,269	129,138
	938,107	90,881	82,628	89,284	73,956	65,688
	424,383	40,345	33,506	35,124	32,914	31,422
	372,281	36,126	29,112	30,541	28,391	27,504
	74,601	5,598	2,678	2,181	1,603	1,291
	8,318	240	267	228	165	202
	1,322	82	161	118	145	163
	52,428	6,831	2,931	2,927	2,712	2,414
	6,788	148	102	158	132	127
	23,180	3,378	2,856	2,783	2,420	2,894
	9,048	1,679	1,638	1,210	1,161	1,149
	13,939	1,350	1,447	1,592	1,375	1,434
	8,027	1,367	636	488	279	724
	1,986	124	104	136	129	305
	14,505	1,994	1,496	2,477	1,437	1,319
	5,146	63	219	684	559	352
	2,313	271	246	248	268	259
	803	108	81	61	36	49
	19	4	1	1	1	0
	664	57	53	52	48	80
	8,777	904	790	819	782	787
	893	76	50	61	65	98
	139,524	11,852	13,356	14,317	15,074	13,857
	52,102	4,219	4,394	4,583	4,523	3,918
	1,108	183	92	115	99	121
	180	8	25	9	7	8
	2,366	111	113	108	102	94
	4,870	1,111	654	608	527	511
	2,053	1	127	135	164	11
	56	3	6	13	3	1
	1,277	33	445	199	232	168
	249	7	6	13	18	33
	137	9	11	12	12	13
	39,806	2,753	2,915	3,371	3,359	2,958
	149,487	14,001	10,758	15,109	14,825	15,199
	3,734	553	202	435	118	81
	1,406	567	6	0	0	0
	5,855	20	73	681	1,558	2,284
	6,624	494	297	352	543	555
	80	15	22	1	7	3
	840	4	2	22	127	80
	130,068	12,348	10,156	13,366	12,217	12,196
	880	0	0	252	255	0
	69,350	6,617	4,938	6,078	5,994	5,547
	22,958	2,440	1,183	1,621	1,854	1,736
	13,932	940	896	1,091	1,132	957
	30,064	2,839	2,608	3,095	2,699	2,650
	1,139	252	123	140	177	84
	680	74	42	54	51	49
	577	72	86	77	81	71

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2. Production of Processed Fisheries Products by Month and Item (3-1)

Unit: Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
138,865	106,138	101,227	121,548	129,785	113,837	135,001	Total
82,258	58,093	55,800	77,225	88,292	82,532	91,364	Coastal and Off-Shore Waters
30,765	18,958	25,396	39,258	52,188	41,301	43,206	Frozen
26,787	15,390	21,684	34,359	47,177	36,382	38,828	Prototype Frozen
1,169	2,354	5,405	11,599	22,656	8,563	9,504	Squid
271	316	3,166	2,167	379	510	407	Alaska Pollack
159	92	56	103	127	75	41	Flounder
1,761	856	1,989	6,396	5,918	8,470	9,223	Mackerel
134	556	541	1,071	1,514	1,459	846	Cod
2,555	422	288	637	1,518	1,466	1,963	Corvenia
1,051	48	131	187	154	302	338	Saury
1,354	534	730	964	1,027	1,206	926	Hair Tail
1,624	1,055	286	230	520	218	600	Jack Mackerels
401	142	99	148	159	148	91	Shrimp
1,311	402	480	498	689	666	1,736	Spanish Mackerels
713	95	378	400	510	440	733	Sardine
310	116	135	104	111	135	110	Pomfret
39	19	21	11	6	156	216	Puffers
0	2	2	2	2	2	2	Yellow Croaker
71	50	55	54	51	49	44	Rouple Squid
852	631	567	601	591	709	744	Blue Shrimps
77	13	415	10	8	7	13	Red Horsehead
12,935	7,687	6,940	9,177	11,237	11,801	11,291	Others
3,978	3,568	3,712	4,899	5,011	4,919	4,378	Processed Frozen
127	75	58	90	47	56	45	Squid
7	13	14	17	18	47	7	Shrimp
114	294	221	238	286	327	358	Common Conger
573	131	124	171	166	134	160	Alaska Pollack
19	186	327	337	380	209	157	Fish-Paste
1	0	10	15	2	2	0	Cockle
184	2	1	1	2	5	5	Oyster
7	11	32	18	16	60	28	Baby Neck Clam
21	11	15	8	7	8	10	Sea Mussel
2,925	2,845	2,910	4,004	4,087	4,071	3,608	Others
12,746	9,958	10,689	11,501	10,515	11,991	12,195	Canned
165	321	92	384	597	480	306	Saury
25	51	79	287	121	99	171	Mackerel
375	0	493	60	196	115	0	Oyster
468	693	103	838	646	936	699	Bai top shell
0	0	32	0	0	0	0	Sea Mussel
15	0	0	2	588	0	0	Baby Neck Clam
11,667	8,855	9,846	9,798	8,305	10,361	10,953	Tuna
31	38	44	132	62	0	66	Others
5,296	4,712	5,175	7,056	6,131	5,581	6,225	Ground Fish Meat
1,580	1,503	1,841	3,205	2,487	1,531	1,977	Fish Cake
945	1,225	1,353	1,398	1,390	1,376	1,229	Imitation Crab meat
2,553	1,918	1,915	2,312	2,113	2,567	2,795	Sausage
95	28	19	73	59	41	48	Fried fish Cake
38	19	30	51	62	50	160	Boiled fish Cake
85	19	17	17	20	16	16	Others

2. 2006

가

가

(3-2)

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
	23,837	2,068	1,040	645	968	1,414
	13,019	140	16	26	15	6
	10,404	1,927	1,023	618	952	1,391
	21	0	0	0	0	1
	0	0	0	0	0	0
()	0	0	0	0	0	0
	393	1	1	1	1	16
	12,258	57	65	69	33	25
	12,030	27	51	42	26	16
	228	30	14	27	7	9
	33,164	4,418	4,858	4,140	1,838	2,889
	259	12	0	23	49	43
	32,510	4,394	4,845	4,104	1,773	2,789
	105	8	11	10	9	23
	127	0	0	0	0	21
	163	4	2	3	7	13
	135,668	17,460	21,353	20,493	10,249	1,525
	48,223	5,528	6,319	7,259	4,291	624
	23,926	327	300	370	285	324
	47,082	11,285	14,436	12,560	5,266	265
	7,620	49	40	38	146	150
가	6,050	55	54	63	37	85
	117	0	0	0	0	1
	1,770	171	176	169	169	26
	880	45	28	34	55	50
	329	32	28	46	32	36
가	152	10	12	22	8	13
	144	22	16	24	24	23
	33	0	0	0	0	0
가	19,500	1,498	1,513	1,631	1,593	1,420
	9,096	661	633	706	768	520
	7,540	577	641	650	607	754
	620	48	39	44	48	25
	446	105	83	88	33	2
	1,798	107	117	143	137	119
	7,618	1,186	948	1,165	926	939
	351	143	43	50	11	18
	1,472	146	75	130	65	35
	5,795	897	830	985	850	886
	5,006	330	294	352	345	316
	4,186	319	274	334	326	296
	1	0	0	0	0	0
	819	11	20	18	19	20
	37,992	1,577	1,981	2,795	2,438	3,068
	5,749	337	352	675	393	387
	9,068	361	263	713	742	838

2. Production of Processed Fisheries Products by Month and Item (3-2)

Unit: Metric ton

6	7	8	9	10	11	12	
Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1,095	2,475	621	2,269	3,492	3,624	4,126	Dried
6	1,859	248	1,605	2,963	2,937	3,198	Squid
1,088	406	350	628	486	647	888	Alaska Pollack
1	4	4	4	4	2	1	Shrimp
0	0	0	0	0	0	0	Grouneles
0	0	0	0	0	0	0	Octopus
0	206	19	32	39	38	39	Others
130	1,668	1,762	2,227	1,981	2,340	1,901	Salted & Dried
19	1,656	1,755	2,221	1,978	2,339	1,900	Corvenia
111	12	7	6	3	1	1	Others
2,359	1,776	1,954	2,297	2,109	2,246	2,280	Cooked
132	0	0	0	0	0	0	Oyster
2,151	1,747	1,921	2,266	2,074	2,203	2,243	Anchovy
0	6	7	5	8	10	8	Shrimp
68	5	8	3	3	13	6	Sea Mussel
8	18	18	23	24	20	23	Others
21,716	12,688	3,632	3,210	3,435	5,552	14,355	Sea Weeds
183	1,617	1,789	1,964	2,433	4,686	11,530	Laver
14,515	6,358	280	306	280	287	294	Dried Sea Mustards
131	155	135	231	221	205	2,192	Salted Sea Mustards
4,843	1,436	790	27	47	27	27	Kelp
1,909	2,745	364	289	159	192	98	PFusiforme
54	62	0	0	0	0	0	Temax Tenella and furcuta
26	242	215	215	216	73	72	Seaweed Meal
55	73	59	178	79	82	142	Others
32	19	20	29	15	21	19	Agar-agar
11	10	12	22	8	13	11	Agar-Agar Strips
21	4	3	2	1	2	2	Agar-Aga powder
0	5	5	5	6	6	6	Others
1,455	1,502	1,594	1,888	1,693	1,714	1,999	Flavour Seasoned
503	685	773	1,025	950	936	936	Laver
752	576	545	607	514	522	795	Squid
65	75	75	59	44	43	55	File Fish
2	33	7	15	19	28	31	Alaska Pollack
133	133	194	182	166	185	182	Others
1,177	97	91	585	151	166	187	Fish Meal & Oil
5	17	21	5	16	7	15	Squid Oil
218	43	30	524	74	75	57	Others Fish Oil
954	37	40	56	61	84	115	Fish Meal
336	459	499	544	470	579	482	Salted & Preserved
323	396	390	394	361	389	384	Mackerel
0	1	0	0	0	0	0	Herring
13	62	109	150	109	190	98	Others
3,468	2,418	2,973	4,678	4,636	5,430	2,530	Pickled
405	346	416	652	557	636	593	Anchovy
1,073	563	606	1,613	746	968	582	Shrimp

2. 2006 가 가 (3-3)

: M/T

	Total	1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May
	2,556	219	252	202	216	183
	403	22	29	28	30	30
()	445	54	38	27	19	18
	88	6	7	6	5	5
	2,709	253	169	239	239	235
	833	42	37	32	30	32
	724	31	41	43	74	44
	15,417	252	793	830	690	1,296
	794	65	63	67	65	67
가	18,721	1,227	1,283	1,570	1,736	1,821
	608,677	40,752	39,857	73,574	80,313	63,450
	608,677	40,752	39,857	73,574	80,313	63,450
	608,677	40,752	39,857	73,574	80,313	63,450
	25,744	0	0	0	0	0
	271,828	15,917	18,686	28,761	29,531	22,455
	166,807	18,554	15,471	36,489	36,614	26,772
	2,009	212	355	361	400	115
	11,770	0	0	0	0	0
	43	0	4	0	2	2
	130,476	6,069	5,341	7,963	13,766	14,106

3. 2006 가 ()

:

	Total	Dried	Salted & Dried	Cooked	Salted & Preserved	Pickled	Canned
	2,949,068	86,226	89,375	219,555	10,404	163,950	205,662
	16,994	0	0	0	0	0	0
	739,384	410	202	2,038	6,413	21,428	0
	3,400	0	0	488	0	0	0
	65,663	0	0	0	0	5,177	0
	23	0	0	0	0	17	0
	324	0	0	0	0	0	0
	27,965	0	0	1,384	0	732	0
	236,653	0	0	161	0	27,342	0
	264,808	60,644	0	5,410	216	21,137	0
	92,012	64	0	1,764	428	51,374	0
	12,772	51	0	0	0	0	0
	62,674	601	1,162	1,162	215	8,132	351
	837,165	412	87,023	73,098	751	24,465	41,340
	73,063	23,369	0	0	0	3,492	4,331
	467,044	675	168	134,050	2,136	605	159,640
	49,124	0	820	0	245	49	0



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IV. 수산물 수출입실적

1. 근거

- *승인번호 : 제13401호
- *통계명칭 : 무역통계
- *작성기관 : 관세청 통관지원국 통관기획과

2. 작성 절차



IV. Imports and Exports of Fisheries Products

1. Legal Basis

Approval number 13401

Statistics type: trade statistics

Author: Customs Planning Division of Customs Clearance Support Bureau of the Korea Customs Service

2. Process

Importing and exporting businesses report to the customs offices → collected by the Korea Customs Service → report to MOMAF → Publication (MOMAF)

1. 주요 품목별 연도별 수출실적

Exports by Major Item and Year

단위 : 1,000KG, 천\$

Unit: 1,000KG, US\$ 1,000

	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합계 TOTAL	429,884	1,160,435	424,785	1,129,385	406,435	1,278,638	411,878	1,193,117	367,498	1,088,948
참치 Tunas	97,573	273,524	91,792	224,640	79,660	249,615	91,835	226,399	100,191	227,964
김 Laver	6,275	37,709	6,969	41,646	6,899	45,031	7,581	54,244	7,475	61,730
굴 Oysters	17,217	76,122	16,610	74,699	14,660	76,641	11,308	61,204	10,578	55,508
넙치 Flat Fish	4,026	39,638	4,163	47,947	4,626	55,423	5,802	63,684	3,855	51,969
오징어 Squid	72,156	65,089	60,566	70,839	69,834	113,020	65,044	102,131	36,688	47,399
캐비아 Caviar	3,184	52,891	3,174	49,240	3,102	46,817	3,760	56,741	2,897	44,019
붕장어 Conger Eel	8,232	57,732	7,095	52,075	6,209	51,939	6,216	49,161	5,583	43,009
게살 Crabmeat	2,768	23,664	3,654	36,149	4,615	46,426	4,365	41,163	4,537	36,210
툰 Fusiforme	4,682	33,588	4,723	36,325	4,524	30,614	4,138	23,939	3,447	23,773
미역 Undaria Pinnatifida	10,218	20,400	13,271	21,900	22,549	35,885	21,455	29,868	11,356	21,761
한천 Agar-Agar	433	7,128	447	7,821	479	8,550	724	15,529	734	18,535
바지락 Baby Clams	9,510	24,188	8,322	21,177	9,474	24,998	7,012	18,040	5,894	17,766
전복 Abalones	0	14	21	970	70	3,375	214	9,024	415	17,123
삼치 Chub Mackeral	2,696	10,216	4,301	12,232	3,775	16,465	5,231	21,086	4,939	15,535
피조개 Ark Shells	3,717	29,226	3,322	25,548	2,303	19,729	2,008	19,054	1,353	14,379
새우 Shrimp	4,909	3,908	5,240	4,760	1,823	4,162	5,346	5,836	11,790	14,012
이빨고기 Tooth fish	498	4,486	527	4,995	949	9,565	515	6,607	858	11,653
전갱이 Hores Mackeral	8,136	16,795	5,639	7,971	10,036	17,712	8,241	11,848	9,543	11,035
돔 Sea Breams	4,907	6,941	7,133	8,991	5,155	7,392	6,094	9,005	7,537	10,940
새꼬리민태 Japanese grenadier	7,329	8,241	8,489	10,042	8,792	11,829	9,165	15,315	6,139	9,565
기타 Others	161,418	368,935	169,327	369,418	146,901	403,150	145,824	353,239	131,689	335,063

자료 : 관세청

2. 주요 국가별 수출실적

Exports to Major Country

단위 : 1,000KG, 천\$

Unit: 1,000KG, US\$ 1,000

	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합 계 TOTAL	429,884	1,160,435	424,785	1,129,385	406,435	1,278,638	411,878	1,193,117	367,498	1,088,948
일본 JAPAN	179,069	823,117	150,155	740,447	155,566	834,649	136,948	741,062	113,909	659,523
미국 U.S.A	25,462	77,625	22,964	80,385	20,947	81,130	22,694	88,174	20,821	95,613
중국 CHINA	44,290	48,345	55,708	70,769	68,073	124,102	64,865	108,031	44,423	75,414
태국 THAILAND	46,295	34,492	55,304	38,354	42,688	37,565	60,210	57,383	65,443	61,688
뉴질랜드 NEWZEALAND	18,395	21,167	26,170	30,487	31,884	44,544	35,172	60,478	21,872	39,383
스페인 SPAIN	24,071	33,077	31,555	46,148	22,606	36,702	23,237	31,519	19,488	28,167
대만 TAIWAN	5,871	16,857	5,799	17,305	7,811	20,177	4,708	13,196	4,639	18,453
홍콩 HONG KONG	1,876	8,445	3,691	14,350	1,867	15,334	1,718	8,895	1,574	12,514
이탈리아 ITALY	7,094	12,155	5,954	11,356	5,937	14,030	4,835	11,253	4,619	11,620
러시아 RUSSIA	1,985	2,340	2,570	2,714	3,016	4,249	3,346	4,468	6,602	8,015
캐나다 CANADA	7,559	10,058	4,088	8,011	2,197	6,172	4,853	9,025	2,356	7,247
멕시코 MEXICO	242	586	1,730	1,593	286	1,006	870	1,644	7,543	6,834
인도네시아 INDONESIA	9,389	4,999	9,355	5,502	6,487	4,337	8,595	5,869	9,658	6,466
베트남 VIETNAM	2,307	1,279	5,446	3,162	6,462	4,885	7,495	4,570	8,731	5,194
호주 AUSTRALIA	2,775	6,609	2,822	6,740	1,915	6,551	1,503	5,029	1,080	4,675
싱가포르 SINGAPORE	2,374	5,470	1,144	4,161	707	3,868	1,555	4,095	494	4,301
벨기에 BELGIUM	1,716	2,827	1,858	3,584	1,312	3,002	858	2,338	755	2,828
독일 GERMANY	397	1,007	341	966	401	1,764	278	1,469	554	2,797
필리핀 PHILIPPINES	6,224	3,659	1,800	1,783	680	849	931	1,158	3,042	2,624
프랑스 FRANCE	1,640	3,983	1,256	3,412	679	2,838	830	3,254	700	2,480
기타 Others	40,897	42,338	35,075	52,506	24,914	30,884	26,413	30,207	29,195	33,112

Source : Korea Customs Service

3. 주요 품목별 연도별 수입실적

Imports by Major Item and Year

단위 : 1,000KG, 천\$

Unit: 1,000KG, US\$ 1,000

	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합 계 TOTAL	1,186,400	1,884,417	1,238,603	1,961,145	1,280,915	2,261,356	1,256,142	2,383,574	1,377,101	2,769,348
명 태 Alaska Pollack	199,105	200,540	292,411	295,157	235,933	274,119	223,626	277,687	215,791	289,204
새 우 Shrimp	42,123	103,541	47,527	125,597	53,532	159,014	50,898	167,451	62,542	219,122
조 기 Horse Mackerel	52,792	137,877	56,206	127,760	53,907	130,173	59,322	142,713	52,483	147,873
갈 치 Flounders	52,181	100,671	47,747	82,879	51,585	101,903	45,114	100,306	46,208	102,892
오징어 Squid	17,774	38,657	13,910	33,382	26,844	48,916	31,704	64,144	43,204	85,971
꽃 게 Blue Shrimps	20,620	62,742	18,577	58,452	24,119	89,928	18,368	67,717	24,301	82,359
낙 지 Rouple Squid	25,184	40,337	27,596	48,096	33,532	63,278	33,245	67,029	34,072	81,993
어 란 Fish egg	13,053	87,541	11,842	75,942	10,984	76,887	11,812	53,749	19,266	79,405
아 귀 Angelfish	25,512	73,848	24,865	56,725	26,962	52,504	28,239	60,101	30,446	72,062
새우살 Shrimp flesh	7,867	32,354	7,867	33,716	9,656	43,412	10,604	46,553	12,518	60,496
참 치 Tuna	6,174	34,402	4,305	35,448	4,611	34,349	6,131	48,333	7,984	60,455
돔 Sea Breams	8,677	33,958	7,756	30,948	8,342	37,700	8,404	41,666	10,533	57,941
연 어 Salmon	7,529	18,382	6,006	19,247	7,057	27,204	9,548	36,000	10,352	56,853
문 어 Octopus	13,927	32,446	17,380	39,864	17,288	40,716	14,400	43,004	15,694	51,775
게 Crab	12,190	42,013	4,686	15,915	6,589	25,696	7,200	35,533	9,206	49,068
캐비아 Caviar	826	5,660	1,016	6,441	3,222	30,751	5,573	56,714	4,990	43,210
고등어 Mackerels	37,606	38,094	30,820	29,504	47,723	47,856	19,527	25,839	39,631	42,358
공 치 Saury	27,221	20,217	30,577	17,219	44,189	29,719	45,055	28,344	56,393	37,938
쥐 치 File Fish	6,947	28,165	6,658	29,196	8,538	29,206	8,415	27,697	10,125	34,778
대 게 Snow Crab	0	0	8,322	31,527	9,120	36,289	7,455	31,148	8,278	33,782
기 타 Others	609,092	752,972	572,529	768,130	597,182	881,736	611,502	961,846	663,084	1,079,813

4. 주요 국가별 수입실적

Imports by Major Country

단위 : 1,000KG, 천\$

Unit: 1,000KG, US\$ 1,000

	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합 계 TOTAL	1,186,400	1,884,417	1,238,603	1,961,145	1,280,915	2,261,356	1,256,142	2,383,574	1,377,101	2,769,348
중 국 CHINA	491,315	719,314	461,971	713,538	490,426	909,536	496,915	936,351	549,516	1,034,192
러시아 RUSSIA	189,464	215,638	269,918	299,252	196,525	276,783	211,357	277,216	225,892	347,079
일 본 JAPAN	74,536	146,497	69,257	148,699	104,536	180,620	81,332	173,140	108,702	224,311
베트남 VIETNAM	61,504	121,733	67,416	129,878	72,382	143,524	74,767	163,642	83,054	206,482
미 국 U.S.A	89,603	173,774	82,495	152,677	79,283	136,225	67,176	152,555	62,530	150,544
태 국 THAILAND	29,106	84,737	34,692	95,616	34,043	106,521	40,787	125,147	41,462	144,463
대 만 TAIWAN	32,167	54,993	36,994	42,827	49,246	61,668	49,556	63,533	62,671	85,698
칠 레 CHILE	22,752	22,375	33,208	32,362	42,175	43,935	50,325	57,076	49,738	83,513
캐나다 CANADA	14,824	43,178	15,108	51,355	16,067	46,582	11,431	42,474	12,072	50,157
노르웨이 NORWAY	13,754	26,152	11,526	25,229	14,666	35,226	8,459	29,146	10,083	41,609
페 루 PERU	14,799	13,271	13,138	12,660	26,181	23,809	22,198	23,910	32,783	36,977
인도네시아 INDONESIA	13,837	22,718	16,083	26,630	15,687	29,008	20,132	33,630	16,496	35,645
인디아 INDIA	14,977	19,269	12,646	17,427	17,125	24,035	13,157	19,981	17,872	27,350
필리핀 PHILIPPINES	9,447	19,421	9,558	26,773	9,765	28,097	4,477	21,800	4,939	26,788
영 국 UNITED KINGDOM	11,881	21,902	11,961	25,302	8,927	25,543	6,911	30,182	4,085	23,594
아르헨티나 ARGENTINA	7,900	10,521	6,308	9,342	6,145	9,570	8,057	14,636	13,114	22,217
뉴질랜드 NEWZEALAND	3,986	10,638	3,569	9,607	3,953	11,528	5,033	17,211	5,585	18,097
모로코 MOROCCO	2,636	13,395	2,631	12,153	2,858	5,614	3,945	9,346	4,734	13,117
홍 콩 HONG KONG	201	3,415	190	3,767	158	12,339	108	21,117	288	12,194
파키스탄 PAKISTAN	3,752	3,666	8,414	7,521	7,165	8,891	6,868	9,649	8,334	11,975
기 타 Others	83,959	137,810	71,520	118,530	83,602	142,302	73,151	161,832	63,151	173,346

5. 제품별 수출·입 실적

Imports and Exports by Item

단위 : 1,000KG, 천\$

Unit: 1,000KG, US\$ 1,000

	수 출 Exports									
	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합 계 TOTAL	429,884	1,160,435	424,785	1,129,385	406,435	1,278,638	411,878	1,193,117	367,498	1,088,948
활 어 Live	7,201	68,396	6,923	78,640	7,344	91,572	8,514	89,695	6,238	74,712
신선,냉장 Fresh or Chilled	32,158	153,268	29,195	141,837	27,076	144,090	24,237	136,795	21,648	128,473
냉 동 Frozen	281,040	548,541	273,933	532,385	270,793	654,680	278,865	595,113	252,891	538,462
훈 제 Smoked	233	1,189	164	955	205	4,847	114	773	71	631
건 조 Dried	11,456	78,685	10,987	76,827	10,966	80,161	9,444	64,162	9,364	74,681
염장, 염수장 Salted or in Brine	8,636	20,497	11,709	22,464	14,123	23,934	13,135	22,616	7,734	19,008
이외 기타 Others	38,026	91,205	49,385	97,437	39,067	92,381	47,788	118,495	43,902	105,657
밀폐용기에넣은 것 In airtight containers	11,239	42,940	10,561	41,533	8,567	39,862	6,318	30,063	5,855	29,208
기타조제 Others(Prepared)	39,895	155,714	31,928	137,307	28,294	147,111	23,463	135,405	19,795	118,116

	수 입 Imports									
	2002		2003		2004		2005		2006	
	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value	중량 Weight	금액 Value
합 계 TOTAL	1,186,400	1,884,417	1,238,603	1,961,145	1,280,915	2,261,356	1,256,142	2,383,574	1,377,101	2,769,348
활 어 Live	50,606	152,662	53,696	159,029	54,486	201,175	38,363	176,449	43,108	197,501
신선,냉장 Fresh or Chilled	100,111	241,611	112,462	270,779	129,164	318,305	120,772	330,782	146,220	374,837
냉 동 Frozen	876,776	1,207,193	913,181	1,239,212	904,471	1,337,986	897,493	1,406,323	977,301	1,660,663
훈 제 Smoked	646	2,596	622	2,183	732	2,124	890	2,761	584	1,848
건 조 Dried	9,713	55,345	6,533	43,663	12,457	73,604	14,256	87,579	15,229	97,168
염장, 염수장 Salted or in Brine	36,441	25,861	38,604	26,850	42,987	30,669	37,573	31,002	40,192	35,268
이외 기타 Others	68,085	60,006	64,556	60,847	73,938	94,694	82,340	132,358	78,174	140,119
밀폐용기에넣은 것 In airtight containers	1,102	5,330	1,847	8,768	3,132	13,211	3,616	13,925	4,290	13,158
기타조제 Others(Prepared)	42,920	133,813	47,102	149,814	59,548	189,588	60,839	202,395	72,003	248,786

V. 어류양식현황조사

1. 조사 목적

*어류양식현황조사는 어류양식의 시설현황 등을 조사하여 수산정책수립과 어가경영의 합리적 의사결정, 어업관련 협상 등의 기초자료로 제공하기 위하여 작성.

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12323호('04. 4. 19)

3. 조사 기간 및 기준시점

- *조사 기간 : 매년 1. 1 ~ 12. 31 (1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 조사년중

4. 조사 대상

- *내수면을 제외한 어류 양식어업을 하는 모든 어가 및 사업체
 - 〈조사제외〉
 - 종묘만을 생산하는 어가 및 사업체
 - 중간 육성어류를 판매하는 가구 및 사업체
 - 일시 보관하는 가두리 축양장
 - 실험목적의 학교, 연구소에 운영하는 양식장
 - 단순 오락 및 유어 낚시터

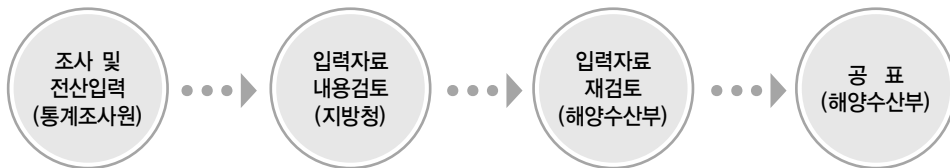
5. 조사 방법

- *양식(어류)어업을 하는 모든 어가(전수) 및 사업체에 대하여 시설 방법별로 해당 어가 및 사업체를 방문하여 직접 조사표에 의해 조사
 - 매월 20~ 말일 전산입력

6. 주요 항목

- * 일반현황조사 : 양식어업가구 및 사업체의 기초자료인 일반현황 조사로서 대표자성명, 사업장 주소, 종업원수, 연락처 등을 조사
- * 시설현황조사 : 양식어업을 가구 또는 사업체의 시설현황을 양식어종별로 시설방법, 시설면적, 기타사항 등을 조사
- * 양식어종 현황조사
 - 어종명 : 지난 1년간 어류양식어업을 하는 모든 어종명 조사

7. 작성 절차



V. Aquaculture Production Facilities

1. Objectives

To establish effective fisheries policies and provide basic information required for reasonable decision-making processes and fisheries-related negotiations.

2. Legal Basis

Approval Statistics Designation under the article 15, the Statistics Law
 Publication of statistics under the article 27, the Statistics Law
 Approval number 12323 (April 19, 2004)

3. Time Reference

Surveyed for a period of time: from January 1 to December 31 (one year)
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: in the concerned year

4. Subject

All fishery households and businesses engaged in aquaculture excluding inland aquaculture

Excluded from the research

- Fishery households and businesses specializing in seed production
- Households and businesses dealing with half-grown fish
- Aquaculture cage for temporary reservation of fish
- Fishing farms operated by schools and laboratories for the purpose of research
- Recreational fishing ground

5. Methods

On-site research on fishing households and businesses by facility type according to research table

- Putting the research results into the electrified database from 20th to the end of every month

6. Survey Items

Current status in general: general information on aquaculture households and aquaculture businesses including owner's name, address, and telephone numbers of households and businesses, the number of employees

Current status of facilities: survey on current status of facilities of aquaculture households and aquaculture businesses including facility types, facilities area extent and etc.

Research on current status of aquaculture fish type

- Fish type: all the fish types raised over the last one year

7. Process

Research and data computerization (statistics researcher) → Review of computerized data (regional offices) → Second review of computerized document (MOMAF) → Publication (MOMAF)

1. 양식방법별 어가(사업체) 현황(시·도)

Aquaculture Households (Businesses) by Facility Type and Administrative District

단위 : 개소 / Household

구 분 Classification	합 계 Total		양 식 방 법 facility type													
			해상 가두리 Sea-cage		육 상 수조식 Cister		축제식 Barrag		해상+육상 Sea-cage + Cister		해상+축제 Sea-cage + Barrag		육상+축제 Cistern + Barrage		해상+육상 +축제 Sea-cage + Cistern + Barrage	
	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005
전 국 Whole country	3,131	3,209	2,239	2,383	659	682	207	113	23	30	1	-	2	1	-	-
서 울 Seoul	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
부 산 Busan	25	25	2	2	23	23	-	-	-	-	-	-	-	-	-	-
대 구 Daegu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
인 천 Incheon	16	7	-	-	-	-	16	7	-	-	-	-	-	-	-	-
광 주 Gwangju	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
대 전 Daejeon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
울 산 Ulsan	12	15	3	5	9	10	-	-	-	-	-	-	-	-	-	-
경 기 Gyeonggi	12	3	1	1	-	-	11	2	-	-	-	-	-	-	-	-
강 원 Gangwon	10	10	1	1	9	9	-	-	-	-	-	-	-	-	-	-
충 북 Chungbuk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
충 남 Chungnam	378	351	333	347	1	-	43	4	1	-	-	-	-	-	-	-
전 북 Jeonbuk	53	44	-	1	-	1	53	42	-	-	-	-	-	-	-	-
전 남 Jeonnam	1,401	1,388	1,051	1,043	259	273	70	45	19	26	-	-	2	1	-	-
경 북 Gyeongbuk	110	117	24	25	72	77	11	12	3	3	-	-	-	-	-	-
경 남 Gyeongnam	887	1,020	822	956	61	62	3	1	-	1	1	-	-	-	-	-
제 주 Jeju	227	229	2	2	225	227	-	-	-	-	-	-	-	-	-	-

자료 : 수산경영과

2. 양식 어종수별 어가(사업체) 현황(시·도)

Aquaculture Households by Species Number and Administrative District

단위 : 개소

구 분 Classification	양식어업 Aquaculture		어 종 수 Number of Fish Types							
			1개 어종		2개 어종		3개 어종		4개 어종이상	
	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005
전 국 Whole country	3,131	3,209	1,800	1,796	569	588	379	389	383	436
서 울 Seoul	-	-	-	-	-	-	-	-	-	-
부 산 Busan	25	25	20	20	2	3	3	2	-	-
대 구 Daegu	-	-	-	-	-	-	-	-	-	-
인 천 Incheon	16	7	15	7	1	-	-	-	-	-
광 주 Gwangju	-	-	-	-	-	-	-	-	-	-
대 전 Daejeon	-	-	-	-	-	-	-	-	-	-
울 산 Ulsan	12	15	12	11	-	4	-	-	-	-
경 기 Gyeonggi	12	3	11	3	1	-	-	-	-	-
강 원 Gangwon	10	10	8	9	2	1	-	-	-	-
충 북 Chungbuk	-	-	-	-	-	-	-	-	-	-
충 남 Chungnam	378	351	317	277	51	57	9	12	1	5
전 북 Jeonbuk	53	44	36	33	17	10	-	-	-	1
전 남 Jeonnam	1,401	1,388	835	816	178	181	155	162	233	229
경 북 Gyeongbuk	110	117	95	100	12	12	3	3	-	2
경 남 Gyeongnam	887	1,020	249	301	284	312	205	208	149	199
제 주 Jeju	227	229	202	219	21	8	4	2	-	-

Source : Fishing Business Administration Division

3. 양식어가(사업체) 현황 (총괄)

□ 어종·양식방법별 어가(사업체) 현황

단위 : 개소

구 분 Classification	합 계 TOTAL									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	3,131	5,800	4,823	734	243	3,209	6,111	5,230	745	136
가자미류 Flounders		6	-	6	-		1	-	1	-
고등어류 Mackerels		15	15	-	-		11	11	-	-
넙치류 Bastard		696	11	674	11		741	25	705	11
농 어 Common Sea Bass		361	358	2	1		394	392	1	1
능성어 Sea Bass		53	51	1	1		58	56	1	1
감성돔 Black Sea Bream		655	651		4		747	743	1	3
참 돔 Common Sea Bream		792	789	1	2		836	834	1	1
기타돔류 Other Sea Bream		342	302	36	4		406	379	22	5
민 어 Brown Croaker		5	4	-	1		5	4	-	1
방 어 Yellow Tail		13	13	-	-		20	20	-	-
복어류 Puffers		16	7	8	1		17	12	5	-
조피볼락 Black Rockfish		2,075	2,066	5	4		2,170	2,160	5	5
기타볼락 Other Rockfish		322	322	-	-		330	330	-	-
노래미류 Spotty belly greenling		7	7	-	-		9	8	1	-
송어류 Mulletts		172	127	-	45		242	159	-	83
전갱이류 Jack Mackerels		16	16	-	-		22	22	-	-
전 어 Hickory Shad		181	14	-	167		27	3	1	23
쥐치류 File Fish		70	69	1	-		71	70	1	-
기타어류 Others		3	1	-	2		4	2	-	2

3-1. Aquaculture Households (Businesses) by Administrative District
(부산 Busan 11-1)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	부 산 Busan									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	25	33	2	31	-	25	32	2	30	-
가자미류 Flounders		2	-	2	-		1	-	1	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		23	-	23	-		23	-	23	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
검성돔 Black Sea Bream		-	-	-	-		-	-	-	-
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		3	1	2	-		3	1	2	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		4	1	3	-		4	1	3	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		-	-	-	-		-	-	-	-
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		-	-	-	-		-	-	-	-
쥐치류 File Fish		1	-	1	-		1	-	1	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. 양식어가(사업체) 현황(시·도)
(인천 Incheon 11-2)

□ 어종·양식방법별 어가(사업체) 현황

단위 : 개소

구 분 Classification	인 천 Incheon									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	16	17	-	-	17	7	7	-	-	7
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		-	-	-	-		-	-	-	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		-	-	-	-
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		-	-	-	-		-	-	-	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		1	-	-	1		-	-	-	-
조피볼락 Black Rockfish		-	-	-	-		-	-	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		1	-	-	1		4	-	-	4
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		14	-	-	14		2	-	-	2
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		1	-	-	1		1	-	-	1

3-1. Aquaculture Households (Businesses) by Administrative District
(울산 Ulsan 11-3)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	울 산 Ulsan									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	12	12	3	9	-	15	19	9	10	-
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		9	-	9	-		10	-	10	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		3	3	-	-
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		-	-	-	-		4	4	-	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		3	3	-	-		2	2	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		-	-	-	-		-	-	-	-
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		-	-	-	-		-	-	-	-
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. 양식어가(사업체) 현황(시·도)
(경기 Gyeonggi 11-4)

□ 어종·양식방법별 어가(사업체) 현황

단위 : 개소

구 분 Classification	경 기 Gyeonggi									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	12	13	1	-	12	3	3	1	-	2
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		-	-	-	-		-	-	-	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		-	-	-	-
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		-	-	-	-		-	-	-	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		1	1	-	-		1	1	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		2	-	-	2		2	-	-	2
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		10	-	-	10		-	-	-	-
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. Aquaculture Households (Businesses) by Administrative District
(강원 Gangwon 11-5)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	강 원 Gangwon									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	10	12	1	11	-	10	11	1	10	-
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		9	-	9	-		8	-	8	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		-	-	-	-
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		1	-	1	-		2	-	2	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		2	1	1	-		1	1	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		-	-	-	-		-	-	-	-
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		-	-	-	-		-	-	-	-
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. Aquaculture Households (Businesses) by Administrative District
(전북 Jeonbuk 11-7)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	전 북 Jeonbuk									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	53	70	-	-	70	44	57	1	1	55
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		-	-	-	-		1	-	1	-
농 어 Common Sea Bass		1	-	-	1		1	-	-	1
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		2	-	-	2
참 돔 Common Sea Bream		-	-	-	-		-	-	-	-
기타돔류 Other Sea Bream		3	-	-	3		-	-	-	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		-	-	-	-		1	1	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		24	-	-	24		38	-	-	38
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		42	-	-	42		14	-	-	14
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. 양식어가(사업체) 현황(시·도)
(전남 Jeonnam 11-8)

□ 어종·양식방법별 어가(사업체) 현황

단위 : 개소

구 분 Classification	전 남 Jeonnam									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	1,401	2,702	2,334	288	80	1,388	2,691	2,332	308	51
가자미류 Flounders		-	-	-	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		285	6	279	-		311	14	296	1
농 어 Common Sea Bass		247	246	1	-		262	261	1	-
능성어 Sea Bass		23	22	-	1		24	23	-	1
감성돔 Black Sea Bream		379	376	-	3		373	371	1	1
참 돔 Common Sea Bream		310	309	-	1		289	288	1	-
기타돔류 Other Sea Bream		156	150	6	-		166	158	6	2
민 어 Brown Croaker		2	1	-	1		2	1	-	1
방 어 Yellow Tail		4	4	-	-		5	5	-	-
복어류 Puffers		3	1	2	-		6	3	3	-
조피볼락 Black Rockfish		1,012	1,012	-	-		1,012	1,011	-	1
기타볼락 Other Rockfish		199	199	-	-		188	188	-	-
노래미류 Spotty belly greenling		1	1	-	-		-	-	-	-
송어류 Mulletts		17	-	-	17		38	1	-	37
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		57	1	-	56		8	2	-	6
쥐치류 File Fish		6	6	-	-		5	5	-	-
기타어류 Others		1	-	-	1		2	1	-	1

3-1. Aquaculture Households (Businesses) by Administrative District
(경북 Gyeongbuk 11-9)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	경 북 Gyeongbuk									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	110	128	38	76	14	117	141	45	80	16
가자미류 Flounders		1	-	1	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		1	1	-	-
넙치류 Bastard		85	-	75	10		89	-	80	9
농 어 Common Sea Bass		1	1	-	-		1	1	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		1	1	-	-		3	3	-	-
참 돔 Common Sea Bream		1	1	-	-		2	2	-	-
기타돔류 Other Sea Bream		6	5	-	1		10	7	-	3
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		2	2	-	-		1	1	-	-
복어류 Puffers		-	-	-	-		-	-	-	-
조피볼락 Black Rockfish		30	27	-	3		31	27	-	4
기타볼락 Other Rockfish		-	-	-	-		1	1	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		-	-	-	-		-	-	-	-
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		-	-	-	-		-	-	-	-
쥐치류 File Fish		1	1	-	-		2	2	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-1. 양식어가(사업체) 현황(시·도)
(경남 Gyeongnam 11-10)

□ 어종·양식방법별 어가(사업체) 현황

단위 : 개소

구 분 Classification	경 남 Gyeongnam									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	887	2,107	2,034	66	7	1,020	2,462	2,391	70	1
가자미류 Flounders		2	-	2	-		-	-	-	-
고등어류 Mackerels		15	15	-	-		10	10	-	-
넙치류 Bastard		60	4	55	1		72	11	60	1
농 어 Common Sea Bass		103	103	-	-		121	121	-	-
능성어 Sea Bass		30	29	1	-		34	33	1	-
감성돔 Black Sea Bream		253	252	-	1		330	330	-	-
참 돔 Common Sea Bream		477	476	-	1		542	542	-	-
기타돔류 Other Sea Bream		137	130	7	-		193	188	5	-
민 어 Brown Croaker		3	3	-	-		3	3	-	-
방 어 Yellow Tail		7	7	-	-		14	14	-	-
복어류 Puffers		6	6	-	-		8	8	-	-
조피볼락 Black Rockfish		703	701	1	1		783	781	2	-
기타볼락 Other Rockfish		123	123	-	-		141	141	-	-
노래미류 Spotty belly greenling		3	3	-	-		5	4	1	-
송어류 Mulletts		92	92	-	-		123	123	-	-
전갱이류 Jack Mackerels		16	16	-	-		22	22	-	-
전 어 Hickory Shad		16	13	-	3		2	1	1	-
쥐치류 File Fish		60	60	-	-		58	58	-	-
기타어류 Others		1	1	-	-		1	1	-	-

3-1. Aquaculture Households (Businesses) by Administrative District
(제주 Jeju 11-11)

□ Current Status of Aquaculture Households by Fish Type and by Facility type

Unit: household

구 분 Classification	제 주 Jeju									
	어가(사업체) Total fishery households	2006				어가(사업체) Total fishery households	2005			
		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag		소계 Sub-Total	해상 Sea-cag	육상 Cister	축제 Barrag
합 계 Total	227	256	5	251	-	229	241	5	236	-
가자미류 Flounders		1	-	1	-		-	-	-	-
고등어류 Mackerels		-	-	-	-		-	-	-	-
넙치류 Bastard		225	1	224	-		227	-	227	-
농 어 Common Sea Bass		-	-	-	-		-	-	-	-
능성어 Sea Bass		-	-	-	-		-	-	-	-
감성돔 Black Sea Bream		-	-	-	-		-	-	-	-
참 돔 Common Sea Bream		2	2	-	-		2	2	-	-
기타돔류 Other Sea Bream		21	1	20	-		9	2	7	-
민 어 Brown Croaker		-	-	-	-		-	-	-	-
방 어 Yellow Tail		-	-	-	-		-	-	-	-
복어류 Puffers		6	-	6	-		2	-	2	-
조피볼락 Black Rockfish		1	1	-	-		1	1	-	-
기타볼락 Other Rockfish		-	-	-	-		-	-	-	-
노래미류 Spotty belly greenling		-	-	-	-		-	-	-	-
송어류 Mulletts		-	-	-	-		-	-	-	-
전갱이류 Jack Mackerels		-	-	-	-		-	-	-	-
전 어 Hickory Shad		-	-	-	-		-	-	-	-
쥐치류 File Fish		-	-	-	-		-	-	-	-
기타어류 Others		-	-	-	-		-	-	-	-

3-2. 2006 양식방법·어종별 어가현황(시·도)

□ 지역별 양식현황

단위 : 개소

구 분 Classification	합 계 Total	축 제 식 Barrag										
		부산 Busan	인천 Incheon	울산 Ulsan	경기 Gyeonggi	강원 Gangwon	충남 Chungnam	전북 Jeonbuk	전남 Jeonnam	경북 Gyeongbuk	경남 Gyeongnam	제주 Jeju
합계 Total	243	-	17	-	12	-	43	70	80	14	7	-
가자미류 Flounders	-	-	-	-	-	-	-	-	-	-	-	-
고등어류 Mackerels	-	-	-	-	-	-	-	-	-	-	-	-
넙치류 Bastard	11	-	-	-	-	-	-	-	-	10	1	-
농 어 Common Sea Bass	1	-	-	-	-	-	-	1	-	-	-	-
능성어 Sea Bass	1	-	-	-	-	-	-	-	1	-	-	-
감성돔 Black Sea Bream	4	-	-	-	-	-	-	-	3	-	1	-
참 돔 Common Sea Bream	2	-	-	-	-	-	-	-	1	-	1	-
기타돔류 Other Sea Bream	4	-	-	-	-	-	-	3	-	1	-	-
민 어 Brown Croaker	1	-	-	-	-	-	-	-	1	-	-	-
방 어 Yellow Tail	-	-	-	-	-	-	-	-	-	-	-	-
복어류 Puffers	1	-	1	-	-	-	-	-	-	-	-	-
조피볼락 Black Rockfish	4	-	-	-	-	-	-	-	-	3	1	-
기타볼락 Other Rockfish	-	-	-	-	-	-	-	-	-	-	-	-
노래미류 Spotty belly greenling	-	-	-	-	-	-	-	-	-	-	-	-
송어류 Mulletts	45	-	1	-	2	-	1	24	17	-	-	-
전갱이류 Jack Mackerels	-	-	-	-	-	-	-	-	-	-	-	-
전 어 Hickory Shad	167	-	14	-	10	-	42	42	56	-	3	-
쥐치류 File Fish	-	-	-	-	-	-	-	-	-	-	-	-
기타어류 Others	2	-	1	-	-	-	-	-	1	-	-	-

4. 양식시설현황 (총괄)

Total Aquaculture Facilities

□ 양식방법·어종별 사육면적(수면적) 현황

구 분 Classification	단위 Unit	합 계 Total	양 식 방 법 facility type		
			해상가두리 Sea-cag	육상수조식 Cister	축제식 Barrag
합 계 Total	m ²	11,908,141	1,462,792	2,341,478	8,103,871
가자미류 Flounders	m ²	995	-	995	-
고등어류 Mackerels	m ²	3,289	3,289	-	-
넙치류 Bastard	m ²	2,356,527	3,825	2,288,796	63,906
농 어 Common Sea Bass	m ²	79,601	70,805	396	8,400
능성어 Sea Bass	m ²	18,049	3,321	1,728	13,000
감성돔 Black Sea Bream	m ²	151,389	110,695	-	40,694
참 돔 Common Sea Bream	m ²	168,389	145,843	402	22,144
기타돔류 Other Sea Bream	m ²	145,852	42,121	41,240	62,491
민 어 Brown Croaker	m ²	2,216	216	-	2,000
방 어 Yellow Tail	m ²	2,342	2,342	-	-
복어류 Puffers	m ²	8,518	2,692	4,802	1,024
조피볼락 Black Rockfish	m ²	1,010,346	996,304	3,000	11,042
기타볼락 Other Rockfish	m ²	28,742	28,742	-	-
노래미류 Spotty belly greenling	m ²	1,047	1,047	-	-
송어류 Mulletts	m ²	1,224,036	36,044	-	1,187,992
전갱이류 Jack Mackerels	m ²	4,172	4,172	-	-
전 어 Hickory Shad	m ²	6,671,603	3,624	-	6,667,979
쥐치류 File Fish	m ²	7,794	7,675	119	-
기타어류 Others	m ²	23,236	36	-	23,200

4-1. 양식시설현황 (시·도)

□ 양식방법·어종별 사육면적(수면적) 현황

구분 Classification	단위 Unit	계 Total	축제식 Barrag										
			부산 Busan	인천 Incheon	울산 Ulsan	경기 Gyeonggi	강원 Gangwon	충남 Chungnam	전북 Jeonbuk	전남 Jeonnam	경북 Gyeongbuk	경남 Gyeongnam	제주 Jeju
합계 Total	m ²	8,103,871	-	601,476	-	204,000	-	2,416,770	1,954,360	2,783,389	67,726	76,151	-
가자미류 Flounders	m ²	-	-	-	-	-	-	-	-	-	-	-	-
고등어류 Mackerels	m ²	-	-	-	-	-	-	-	-	-	-	-	-
넙치류 Bastard	m ²	63,906	-	-	-	-	-	-	-	-	56,343	7,563	-
농어 Common Sea Bass	m ²	8,400	-	-	-	-	-	-	8,400	-	-	-	-
능성어 Sea Bass	m ²	13,000	-	-	-	-	-	-	-	13,000	-	-	-
검성돔 Black Sea Bream	m ²	40,694	-	-	-	-	-	-	-	40,550	-	144	-
참돔 Common Sea Bream	m ²	22,144	-	-	-	-	-	-	-	22,000	-	144	-
기타돔류 Other Sea Bream	m ²	62,491	-	-	-	-	-	-	62,000	-	491	-	-
민어 Brown Croaker	m ²	2,000	-	-	-	-	-	-	-	2,000	-	-	-
방어 Yellow Tail	m ²	-	-	-	-	-	-	-	-	-	-	-	-
복어류 Puffers	m ²	1,024	-	1,024	-	-	-	-	-	-	-	-	-
조피볼락 Black Rockfish	m ²	11,042	-	-	-	-	-	-	-	-	10,892	150	-
기타볼락 Other Rockfish	m ²	-	-	-	-	-	-	-	-	-	-	-	-
노래미류 Spotty belly greenling	m ²	-	-	-	-	-	-	-	-	-	-	-	-
송어류 Mulletts	m ²	1,187,992	-	49,500	-	55,500	-	3,250	597,668	482,074	-	-	-
전갱이류 Jack Mackerels	m ² ha	-	-	-	-	-	-	-	-	-	-	-	-
전어 Hickory Shad	m ²	6,667,979	-	537,752	-	148,500	-	2,413,520	1,286,292	2,213,765	-	68,150	-
취치류 File Fish	m ²	-	-	-	-	-	-	-	-	-	-	-	-
기타어류 Others	m ²	23,200	-	13,200	-	-	-	-	-	10,000	-	-	-

Ⅵ. 자율관리어업공동체현황

1. 조사 목적

*자율관리어업은 정부주도의 수산자원관리방식에서 어업인 스스로 지역특성에 맞게 자율관리규약을 제정하여 실천하는 새어촌운동으로서, 광역 시·도에서 선정한 자율관리참여공동체 현황을 취합하여 자율관리어업 정책방향의 기본자료로 활용하기 위함.

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
 *통계법 제27조 규정에 의한 통계공표
 *승인번호 : 제12327호('06. 08. 30)

3. 조사 기간 및 기준시점

*조사 기간 : 매월 1. 1 ~ 12. 31(1년)
 *기준 시점 : 매년 12. 31
 *결과 공표 : 매년 2월말

4. 조사 대상

*대 상 : 자율관리공동체
 *모집단 : 전수조사
 *대상범위 및 규모 : 각 광역시·도에 설치된 자율관리어업 지역협의회에서 선정한 자율관리공동체

5. 조사 방법

*조사방법 : 광역 시·도에 설치된 지역협의회에서 선정하여 공문으로 보고한 참여공동체수를 집계
 *조사체계 : 읍·면동 → 시·군·구 → 광역시·도(지역협의회) → 해양수산부

6. 주요 항목

*참여공동체명, 참여유형, 참여인원 등

7. 작성 절차



VI. Self Management Fisheries Communities

1. Objectives

Self management fisheries are a new initiative adopted and conducted by fishing villages themselves to set up self-management rules that are appropriate for each region as part of the government-led resources management methods. To use the current status of self- management participatory communities that local governments select as a basic data for establishing self-management fisheries policies.

2. Legal Basis

Designated statistics under the Article 15 of, the Statistics Law
 Publication of statistics under the Article 27, the Statistics Law
 Approval Number 12327 (August 30, 2006)

3. Time Reference

Surveyed for a period of time: from the first day to the last day of every year (1 year)

Surveyed at a point of time: December 31 of every year

Publication of statistics: the last day of February, every year

4. Subjects

Subject: self-management communities

Population: complete enumeration

Statistical unit and coverage: self-management communities selected by self-management fisheries regional committees nationwide

5. Methods

Methods: counting the number of participatory communities selected by regional committees located at through official documents

System: smaller units of local municipal governments larger units of local governments MOMAF

6. Survey Items

Name of participatory communities, type of participation, number of participants

7. Process

Selected by local governments (administrative district) (regional committees)
 → Collected by MOMAF → Consulting with the National Statistics Office (NSO) Publication of Statistics → Publication (MOMAF)



*이 면은 빈 공간 입니다. (This Page Intentionally Blank)

1. 자율관리어업공동체 현황

Self Management Fisheries Communities

단위 : 개소 / Household

	2001	2002	2003	204	2005	2006
합 계 Total	63	79	122	174	308	445
공동체증가율(%) Increase Rate of Communities	-	25.4	54.4	42.6	77.0	44.5
마을어업 Cooperative Fishery	32	35	61	92	159	233
양식어업 Aquaculture	11	12	15	22	46	70
어선어업 Vessel fishing	8	19	29	34	52	71
복합어업 Composite fishery	12	13	17	26	43	62
내수면어업 Inland water fishery	-	-	-	-	8	9
참여어업인(명) Participatory fishermen	5,107	6,575	10,765	15,469	24,805	33,921
참여어업인증가율(%) Increase rate of participatory fishermen	-	28.7	63.7	43.7	60.4	36.7
평균참여인원(명) Average number of participants	81	83	88	89	81	76

자료 : 자원관리과

Source : Fishery Resources Management Division

Ⅶ. 수산종묘 매입 · 방류현황

1. 조사 목적

*해면과 내수면 수역에 지역적 특성에 적합한 수산종묘를 방류하여 수산자원 증강 및 어업인 소득증대 도모라는 목적으로 추진 중인 수산종묘매입방류사업 현황 및 의미 분석 등을 통하여 대국민 서비스를 제공하고자 함.

2. 근 거

*통계법 제15조 규정에 의한 승인통계지정
 *통계법 제27조 규정에 의한 통계공표
 *승인번호 : 제12324호('06. 08. 17)

3. 작성 기간 및 기준시점

*조사 기간 : 매월 1. 1 ~ 12. 31(1년)
 *기준 시점 : 매년 12. 31
 *결과 공표 : 매년 2월말까지

4. 조사 대상

*대상 : 지방자치단체(시·도)
 *모집단 : 전수조사
 *대상범위 및 규모 : 전국 각 시·도 수산종묘매입방류사업 주체
 *대상지역 전국(지자체)

5. 조사 방법

*시도, 시군구에서 방류품종 및 사업자 선정을 하여 본부에 추진실적 보고

6. 주요 항목

- *수산종묘매입방류 사업량, 사업비 등 추진현황
- *수산종묘매입방류사업 효과분석
- *고부가가치 종묘방류 품종확대 추진현황 등

7. 작성 절차



VII. Purchase and Release of Seedling

1. Objectives

To provide the analysis of current status and meaning of purchase and release of seedling which was designed to increase fishermen's income and fisheries resources by releasing seedlings suitable for sea fisheries and inland waters fisheries.

2. Legal Basis

Designated statistics under the Article 15, the Statistics Law
 Publication of statistics under the Article 27, the Statistics Law
 Approval Number 12324 (August 17, 2006)

3. Time Reference

Surveyed for a period of time: from the first day to the last day of every year (one year)

Surveyed at a point of time: December 31 of every year

Publication of statistics: the last day of February, every year

4. Subject

Subject: local governments

Population: complete enumeration

Statistical units and coverage: businesses purchasing and releasing seedling nationwide

5. Methods

Administrative districts select species to be released and businesses and then report the results of release to MOMAF

6. Survey Items

Current status of the size of purchase and release of Seedling, and operating expenses

Analysis of benefits of purchase and release of seedling

Current Status of expanding high-value added seedling releases,

7. Process

Establishment of business plans and budget allocation (MOMAF) →
Selection of fish type for release, selection of businesses (administrative district) →
Release and accomplishment report (administrative district) →
Publication (MOMAF)

1. 국립수산종묘시험장 생산 실적
Seedling Production Results of National Marine Hatchery

단위 : 천미

Unit : thousand number

	계	북제주 BukJeju	강릉 Gangneung	여수 Yeosu	포항 Pohang	거제 Geoje	완도 Wando	보령 Boryeong	부안 Buan	남제주 NamJeju	남해 Namhae	울진 Uljin	태안 Taeon
1990	38,625	3,809	280	6,101	328	15,448	580	6,500	935	3,270	1,374	-	-
1993	70,893	650	754	1,750	762	16,855	672	10,320	12,290	20,500	5,650	690	-
1994	74,653	700	340	1,530	600	19,281	500	10,446	12,303	20,600	7,333	1,020	-
1995	190,485	710	600	1,409	610	3,325	550	12,451	14,610	600	154,270	1,350	-
1996	377,318	928	440	1,650	602	6,770	650	12,875	15,044	608	336,300	1,350	101
1997	380,325	759	622	1,500	520	7,650	620	15,073	14,221	600	331,330	1,225	6,205
1998	410,478	765	430	1,670	510	7,315	643	12,508	14,325	697	360,360	985	10,270
1999	233,060	100	424	800	340	5,300	410	15,450	1,200	386	207,900	400	350
2000	350,109	400	10,550	800	300	5,205	421	13,972	1,306	303	315,052	480	1,320
2001	296,744	414	500	444	310	2,120	310	13,605	1,287	304	275,710	440	1,300
2002	281,654	300	460	401	340	3,200	5,220	16,050	916	307	247,810	420	6,230
2003	25,700	200	600	200	200	2,100	10,100	5,300	600	200	1,000	200	5,000
2003	84,495	300	670	1,000	220	2,200	10,200	8,960	600	52,800	1,995	300	5,250
2004	18,524	99	-	-	100	1,235	-	-	-	-	16,570	60	460

□ 전문연구센터 전환이후 실적

(Production Results after Research Centers Released Seedling)

구 분	어 류 Fishes		패 류 Shell Fishes		꽃 게 Blue Crab		김 Laver	수정란 Fertilized egg
	무상분양	방류	무상분양	방류	무상분양	방류	무상분양	무상분양
	Free distribution	Release	Free distribution	Release	Free distribution	Release	Free distribution	Free distribution
2005	125	115	50	15,900	20	150	5,000상자 (case)	843,160
2006	실 적 없 음 (None)							

자료 : 자원관리과

Source : Fishery Resources Management Division

2. 도립수산종묘시험장 생산 실적
Seedling Production Results of Provincial Marine Hatchery

단위 : 천미

	계	인천 Incheon	강원 Gangwon	충남 Chungnam	전북 Jeonbuk	전남 Jeonnam	경북 Gyeongbuk	경남 Gyeongnam	제주 Jeju
1998	780	-	780	-	-	-	-	-	-
1999	4,938	-	2,058	-	-	2,080	800	-	-
2000	556,370	-	2,520	-	16,685	3,900	2,585	528,920	1,760
2001	481,672	-	2,790	-	33,240	4,911	2,260	436,021	2,450
2002	49,620	-	2,600	-	22,300	6,525	2,980	12,415	2,800
2003	60,056	1,310	3,560	-	30,652	5,556	2,720	13,548	2,710
2004	58,152	5,500	4,781	-	29,703	4,256	3,530	7,672	2,710
2005	127,120	10,730	8,080	-	30,948	10,082	3,040	61,840	2,400
2006	242,249	5,450	8,560	630	32,668	12,610	2,930	177,571	1,830

3. 민간 종묘매입·방류실적 (지역별)

Results of Private Seedling Purchase and Release by Region

단위 : 천미

Unit : thousand number

연도 Year	계 Total	부산 Busan	인천 In- cheon	울산 Ulsan	경기 Gyeong- gi	강원 Gang- won	충북 Chung- buk	충남 Chung- nam	전북 Jeon- buk	전남 Jeon- nam	경북 Gyeong- buk	경남 Gyeong- nam	제주 Jeju
1990	24,253	-	-	-	-	-	-	20,253	-	4,000	-	-	-
1992	25,971	-	-	-	-	-	-	19,521	-	6,450	-	-	-
1993	34,787	-	-	-	-	-	-	19,729	8,769	6,289	-	-	-
1994	32,951	-	-	-	-	-	-	19,455	8,605	4,891	-	-	-
1995	26,869	-	-	-	-	-	-	15,107	7,251	4,511	-	-	-
1996	26,362	-	-	-	-	-	-	12,404	8,447	5,511	-	-	-
1997	34,066	-	-	-	-	-	-	14,710	8,846	10,304	20	166	20
1998	31,178	-	-	-	-	-	-	22,332	5,417	3,103	35	241	50
1999	8,369	-	-	-	-	-	-	5,475	2,302	307	35	200	50
2000	23,756	53	200	53	-	71	-	14,433	4,782	3,324	30	730	80
2001	17,832	68	300	64	-	473	725	13,293	384	429	56	1,907	133
2002	85,257	132	386	154	-	758	720	35,757	26,843	16,183	876	3,226	222
2003	126,302	404	684	398	910	1,859	581	76,106	27,887	11,998	1,795	2,924	756
2004	100,670	488	990	1,153	1,968	3,322	1,296	44,720	16,022	24,201	1,180	4,543	787
2005	92,294	789	3,373	2,043	1,829	4,454	723	24,219	410	46,582	1,947	4,313	1,612
2006	128,359	1,706	4,080	1,948	1,913	6,280	1,295	43,493	9,603	48,973	1,881	4,621	2,566

4. 민간 종묘매입·방류실적 (어종별)

Results of Private Seedling Purchase and Release by Specie

단위 : 천미

Unit : thousand number

연도 Year	계 Total	조피볼락 Black Rockfish	넙치 Flatfish	전복 Abalones	황복 Yellow Puffer	대하 Large Shrimp	꽃게 Blue Shrimps	돔류 Sea Breams	내수면 어종 Inland fish
1990	24,253	355	-	-	-	23,594	304	-	-
1992	25,971	150	-	-	-	25,821	-	-	-
1993	34,787	92	-	-	-	34,695	-	-	-
1994	32,951	95	-	-	-	32,856	-	-	-
1995	26,869	100	-	-	-	26,769	-	-	-
1996	26,362	464	-	-	-	25,898	-	-	-
1997	34,066	479	-	40	-	33,547	-	-	-
1998	31,178	514	241	85	-	30,338	-	-	-
1999	8,369	599	229	85	-	7,456	-	-	-
2000	23,756	1,464	-	276	-	22,016	-	-	-
2001	17,832	1,741	683	529	-	12,883	-	-	1,996
2002	85,267	254	1,549	1,294	77	77,250	-	1,651	3,192
2003	126,302	242	2,518	3,105	260	112,910	-	2,359	4,908
2004	100,670	999	6,093	3,415	340	80,159	-	3,422	6,242
2005	92,294	2,787	4,482	3,856	238	65,776	1,751	4,660	8,744
2006	128,359	1,586	3,843	3,516	-	89,903	3,811	5,143	12,541

5. 민간 종묘 매입·방류실적 (지역별 사업비)

Expenses for Private Seedling Purchase and Release by Region

단위 : 백만원

Unit : million won

연도 year	계 Total	부산 Busan	인천 In- cheon	울산 Ulsan	경기 Gyeong- gi	강원 Gang-wo n	충북 Chung-b uk	충남 Chung- nam	전북 Jeon- buk	전남 Jeon- nam	경북 Gyeong- buk	경남 Gyeong- nam	제주 Jeju
1990	151	-	-	-	-	-	-	130	-	21	-	-	-
1992	149	-	-	-	-	-	-	114	-	35	-	-	-
1993	150	-	-	-	-	-	-	93	37	20	-	-	-
1994	162	-	-	-	-	-	-	92	37	33	-	-	-
1995	165	-	-	-	-	-	-	94	37	34	-	-	-
1996	202	-	-	-	-	-	-	114	46	42	-	-	-
1997	294	-	-	-	-	-	-	105	45	68	20	36	20
1998	321	-	-	-	-	-	-	74	33	65	35	65	50
1999	312	-	-	-	-	-	-	67	33	65	34	63	50
2000	626	52	50	50	-	50	-	77	62	88	58	59	80
2001	1,191	68	80	64	-	139	33	128	103	160	125	158	133
2002	2,714	93	296	163	-	387	51	206	151	354	383	379	251
2003	5,629	156	554	270	343	646	86	514	377	774	616	664	629
2004	8,191	264	719	396	583	1,304	129	667	651	1,004	797	861	816
2005	8,987	257	917	600	939	1,304	143	734	153	1,004	611	861	1,464
2006	10,779	400	1143	536	900	1600	186	637	443	914	824	950	2,246

VIII. 인공어초 시설현황

1. 조사 목적

* 인공어초사업은 수중에 인위적으로 수산생물의 산란장, 서식장을 조성하여 수산자원 증강을 통한 어업 생산력 증대를 위한 사업으로 인공어초시설 현황 등 인공어초 기초 자료에 대한 대국민 서비스를 제공하고자 함.

2. 근 거

* 통계법 제15조 규정에 의한 승인통계지정
 * 통계법 제27조 규정에 의한 통계공표
 * 승인번호 : 제12325호('06. 08. 17)

3. 조사 기간 및 기준시점

* 조사 기간 : 매월 1. 1 ~ 12. 31(1년)
 * 기준 시점 : 매년 12. 31
 * 결과 공표 : 매년 2월말까지

4. 조사 대상

* 대상 : 지방자치단체(시·도)
 * 모집단 : 전수조사
 * 대상범위 및 규모 : 전국 각 시·도 인공어초시설사업 시행추체
 * 대상지역 전국(지자체)

5. 조사방법

* 시·도에서 시설어초 및 사업자 선정을 하여 본부에 실적 보고

6. 주요 항목

- * 인공어초시설 면적 및 사업비 현황
- * 인공어초 종류별, 재질별 시설현황
- * 일반어초, 시험어초, 연구어초 현황
- * 보수보강 등 사후관리 추진현황
- * 해중림 조성 면적 및 사업비 현황 등

7. 작성 절차



VIII. Artificial Reef

1. Objectives

To provide basic data such as status of artificial reefs as part of project to increase fisheries production through increase in fisheries resources by artificially creating habitats and spawning grounds in water

2. Legal Basis

Designated Statistics under the Article 15, the Statistics Law
 Publication of Statistics under the Article 27, the Statistics Law
 Approval number 12325 (August 17, 2006)

3. Time Reference

Surveyed for a period of time: from the first day to the last day of every year (1 year)
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: the last day of February, every year

4. Subject

Subject: local governments
 Population: complete enumeration
 Statistical units and coverage: entities in charge of operating artificial reef facilities nationwide

5. Methods

Local governments select artificial reefs and businesses and then report the results to MOMAF

6. Survey Items

Current status of operating expenses and area extent of artificial reefs
 Current status of artificial reefs by type and material
 Current status of natural reefs, artificial reefs for experiments, and artificial reefs for research
 Current status of post-management including repairs and supplements
 Current status of area extent of aquatic forest and operating expenses

7. Processes

Establishment of project plans, allocation of budget secured → Selection of reefs, Selection of businesses (administrative district) → Report on reef facilities and their performances (administrative district) → Publication (MOMAF)

1. 종류별 시설면적 Aquaculture Area by Type

단위 : ha

	계	사각형 Dice type reef	반구형 Turtle	잠보형 Jumbo	육교형 Overhead bridge	원통형 Cylinder	뿔삼각형 Horn triangle	요철형 Unevenness	기 타 Others
1990	8,092	6,529	506	767	70	-	16	81	123
1993	8,323	6,236	1,058	698	-	69	-	135	127
1994	10,436	8,798	496	364	139	68	331	240	-
1995	10,837	8,625	893	633	62	-	324	300	-
1996	11,120	8,512	1,211	581	80	-	417	319	-
1997	12,213	9,031	1,177	640	588	-	458	265	54
1998	10,357	7,527	969	484	132	-	490	189	566
1999	8,651	6,232	569	496	196	-	261	296	601

	계	사각형 Dice type reef	잠보형 Jumbo	육각형 Hexagon	뿔삼각형 Horn triangle	신요철 New Unevenness	2단상자형 강제 Bunk bed type steel	상자형 강제 Box steel	대형전주 Olden telegraph pole	대형강제 Large steel	기 타 Others
2000	9,209	6,367	496	-	175	177	48	48	-	-	1,898
2001	5,670	3,891	320	48	107	63	70	87	-	-	1,084
2002	8,482	5,145	384	79	230	166	464	497	18	-	1,499
2003	7,908	2,756	304	160	85	82	1,134	481	-	140	2,766
2004	5,668	2,557	208	80	145	146	981	444	332	621	154
2005	5,263	1,208	384	474	107	107	493	671	215	176	1,428
2006	5,450	822	-	368	69	92	708	272	496	208	2,415

* 계속적인 새로운 어초개발로 인하여 10년 단위로 구분하여 작성
(Updating the tables every ten years considering development of new reefs)

2. 지역별 시설 면적
Aquaculture Area by Region

Unit: ha

	계	부 산 Busan	인 천 Incheon	울 산 Ulsan	경 기 Gyeonggi	강 원 Gangwon	충 남 Chungnam	전 북 Jeonbuk	전 남 Jeonnam	경 북 Geongbuk	경 남 Gyeongnam	제 주 Jeju
1980	494	-	-	-	-	150	-	-	78	116	88	62
1990	8,092	176	-	-	393	1,065	493	377	1,630	1,123	1,730	1,105
1993	8,323	112	-	-	446	1,187	562	373	2,041	1,050	1,299	1,253
1994	10,436	83	-	-	462	1,198	1,173	708	2,188	1,212	1,703	1,709
1995	10,837	93	202	-	315	1,338	1,296	717	2,187	1,201	1,728	1,760
1996	11,120	96	521	-	313	1,354	1,302	782	2,164	1,236	1,767	1,585
1997	12,213	134	621	-	315	1,253	1,288	926	2,331	1,213	2,438	1,694
1998	10,357	208	713	282	275	1,115	1,008	848	1,894	1,152	1,518	1,344
1999	8,651	176	624	128	176	682	1,152	592	1,622	961	1,329	1,209
2000	9,209	176	599	160	192	665	1,153	558	1,793	996	1,602	1,346
2001	5,654	96	385	112	272	287	768	357	1,114	499	1,071	693
2002	8,482 (35척)	203	801 (13)	224	224	777 (2)	896	656 (6)	1,559	608 (6)	1,422 (8)	1,112
2003	7,908 (53척)	164	758 (16)	76	32	590 (2)	528	528 (4)	2,397 (27)	428	1,174 (4)	1,233
2004	5,668 (14척)	108	492 (5)	52	324	350	612	535 (4)	1,341	364	560 (5)	930
2005	5,263	104	522	68	178	354	772	176	1,310	140	424	1,215
2006	5,450	88	328	64	192	240	516	1,142	896	104	516	1,364

3. 지역별 사업비 Operating Expenses by Region

단위 : 백만원

Unit: Million won

	계	부 산 Busan	인 천 Incheon	울 산 Ulsan	경 기 Gyeonggi	강 원 Gangwon	충 남 Chungnam	전 북 Jeonbuk	전 남 Jeonnam	경 북 Geongbuk	경 남 Gyeongnam	제 주 Jeju
1980	562	-	-	-	-	210	-	-	78	112	97	65
1990	12,880	262	-	-	762	1,685	849	703	2,558	1,987	2,471	1,603
1993	23,814	309	-	-	1,368	2,990	1,594	1,147	4,636	2,998	5,385	3,387
1994	32,890	249	-	-	1,502	3,507	3,484	2,252	6,004	3,506	5,881	6,505
1995	42,833	343	996	-	1,228	4,479	4,397	2,590	8,613	4,582	8,095	7,510
1996	54,494	390	2,869	-	1,432	5,746	5,335	3,465	10,349	5,672	10,033	9,203
1997	62,662	590	3,354	-	1,543	5,879	5,721	3,937	12,239	5,872	11,879	11,648
1998	55,551	985	3,997	1,296	1,418	5,919	4,700	3,817	10,424	5,691	7,714	9,590
1999	43,390	748	2,957	686	830	3,949	4,302	2,333	7,759	4,489	7,514	7,823
2000	44,803	751	2,964	635	830	3,600	4,347	2,371	8,707	4,599	7,625	8,374
2001	27,026	506	1,665	421	581	2,023	3,101	1,548	4,416	2,705	4,533	5,527
2002	54,074	1,002	4,701	927	1,371	4,717	4,010	2,985	12,468	4,368	8,927	8,598
2003	46,410	1,067	4,046	796	1,043	3,559	4,025	2,538	9,849	3,270	7,926	8,291
2004	44,094	936	3,660	784	1,109	2,998	4,151	2,543	9,465	3,048	7,355	8,045
2005	44,085	1,000	4,038	1,000	1,423	2,500	4,500	2,184	8,903	3,045	7,332	8,160
2006	40,205	900	3,938	788	1,501	2,250	4,050	5,000	6,750	2,507	5,771	6,750

IX. 불법어업 단속실적

1. 조사 목적

*불법어업 단속실적 조사는 수산관계법령 위반내역 등을 조사하여 어업질서확립정책 수립과 수산자원보호, 어업협상 등의 기초자료로 제공하기 위하여 작성함

2. 근 거

- *통계법 제15조 규정에 의한 승인통계지정
- *통계법 제27조 규정에 의한 통계공표
- *승인번호 : 제12328호('06. 08. 31)
- *관련규칙 : 수산관계법령위반행위에 대한 행정처분기준과 절차에 관한 규칙

3. 조사 기간 및 기준시점

- *조사 기간 : 매월 1. 1 ~ 12. 31(1년)
- *기준 시점 : 매년 12. 31
- *결과 공표 : 해양수산통계연보

4. 조사 대상

- *수산관계법령 지도단속기관
 - 11개 시·도(시·군·구 포함)
 - 해양경찰청
 - 동·서해어업지도사무소

5. 조사방법

*수산관계법령 지도단속기관에서 기관별 단속실적을 월말보고로 제출

6. 주요 항목

- *업종별조사 : 중·대형기선저인망, 소형기선저인망, 연안통발, 연안자망, 새우조망 등 업종별 단속 실적을 조사
- *유형별조사 : 무허가, 조업구역, 허가사항, 어구위반, 기타 등 위반유형별로 단속실적을 조사
- *기관별조사 : 동·서해어업지도사무소, 해양경찰청, 시·도 등 지도단속 기관별 단속실적을 조사

7. 작성절차



IX. Illegal Fishing Control

1. Objectives

To provide basic data for establishing policies such as protecting fisheries resources and ensuring fisheries orders, and fishing negotiations by identifying violations of fisheries-related laws

2. Legal Basis

Designated Statistics under the Article 15, the Statistics Law
 Publication of Statistics under the Article 27, the Statistics Law
 Approval number 12328 (August 31, 2006)

3. Time Reference

Surveyed for a period of time: from the first day to the last day of every year (1 year)
 Surveyed at a point of time: December 31 of every year
 Publication of statistics: statistical yearbook of maritime affairs and fisheries

4. Subjects

Enforcement and regulatory agencies for fisheries-related laws

- 11 administrative districts
- The Korean Coast Guard
- Fisheries Supervision Offices in East and West Sea

5. Methods

Fisheries law enforcement and regulatory agencies submit their control records at the end of every month.

6. Survey Items

Survey by business type: control record on large and mid- sized otter trawls fishery, small-sized otter trawls fishery, coastal trap fishery, coastal gill nets fishery, shrimp beam trawl fishery

Survey by violation type: control record on unauthorized fishing, fishing beyond authorized zones, using illegal fishing gears and etc.

Survey by control agency: regulatory agencies such as Fisheries Supervision Offices in East and West seas, and the Korean Coast Guard

7. Process

Survey and documentation (prepared by regulatory officers) → Collection of data and report (regulatory agencies) → Review of Reports (MOMAF) → Publication (MOMAF)

1. 연도별 어선별 불법어업 단속 실적
Record of Illegal Fishing Control by Year and by Fishing Vessel

	2001	2002	2003	2004	2005	2006
합 계 Total	3,291	3,102	2,067	3,673	4,054	3,015
전 년 대 비 (%) Compared to previous year	4.1	-5.7	-33.4	77.7	10.4	-25.6
소형기저어선 Small-otter trawls	1,047	1,258	882	904	201	61
허 가 어 선 Authorized vessel	2,244	1,844	1,185	2,769	3,853	2,954
- 중형기저 Medium otter trawls	58	31	36	40	23	30
- 대형기저 Large otter trawls	63	39	21	64	70	27
- 기선형망 Medium otter trawls	105	61	46	243	192	194
- 잠 수 기 Diving with apparantus	39	23	26	80	98	73
- 기 타 Others	1,979	1,690	1,056	2,342	3,470	2,630

자료 : 어업지도과

2. 시·도별 불법어업 단속 실적
Record of Illegal Fishing by Administrative District

단위 : 건수

Unit: Number

	계 Total	해양부 MOMAF	해경 KCG	부산 Busan	인천 Incheon	울산 Ulsan	경기 Gyeonggi	강원 Gangwon	충남 Chung-nam	전북 Jeonbuk	전남 Jeonnam	경북 Gyeongbuk	경남 Gyeong-nam	제주 Jeju
1990	2,862	312	277	118	23	-	76	106	212	108	635	209	711	75
1993	3,797	397	610	205	20	-	57	48	211	245	875	250	745	134
1994	4,004	611	431	217	22	-	163	51	267	162	1,096	160	733	91
1995	3,595	995	406	170	65	-	31	56	339	111	704	158	456	104
1996	3,128	937	234	203	22	-	21	49	252	83	719	89	400	119
1997	3,443	942	412	151	56	15	40	28	266	152	750	78	445	108
1998	3,157	725	494	197	26	27	43	161	178	166	711	83	278	68
1999	3,277	590	850	164	14	15	50	34	188	171	842	63	232	64
2000	3,161	502	1,112	145	12	18	59	86	179	139	555	45	245	64
2001	3,291	417	1,152	194	25	7	44	29	162	159	653	67	287	95
2002	3,102	606	495	201	44	3	70	39	73	168	920	32	397	54
2003	2,067	527	234	117	19	29	95	49	103	97	359	61	347	30
2004	3,673	416	2,132	111	19	13	66	85	131	114	303	60	201	22
2005	4,054	723	2,427	98	2	21	62	26	85	120	305	28	137	20
2006	3,015	637	1,624	116	23	9	24	14	80	57	248	23	151	9

Source : Fishery Supervision Division

전체어가 연도별 통계표

Total F. H. of Statistical Tables by Year
(1999~2006 : Including Part-time F. H. type II)

I. 전체어가 연도별 통계표 (1999~2006 : 2종겸업 포함)

Total F. H. of Statistical Tables by Year(1999~2006 : Including Part-time F. H. type II)

1. 표본어가 개요 (Outline of Sample F. H.)

단위 : 명, 시간

Unit: Person, Hours

구분 Classification	가구원 Household Members	어업종사자 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
2004	3.03	1.90	1 531.44
2005	2.96	1.93	1 487.85
2006	2.89	1.94	1 422.20

2. 주요 지표 (Major Indicators)

단위 : 천원

Unit: Thousand won

구분 Classification	어가소득 ¹⁾ 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
2004	26 159	22 604	21 127	11 959	25 144	13 185
2005	28 028	23 594	21 349	11 950	26 576	14 626
2006	30 006	24 692	21 964	11 603	25 910	14 307

주 1) 어가소득 = 경상소득(어업소득 + 어업외소득 + 이전소득) + 비경상소득

단위 : 천원

Unit: Thousand won

구분 Classification	어업외소득 Non-Fishery Income						
	겸업소득 Non-Fishery Business Income				사업외소득 Non-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
2004	9 168	4 350	10 722	6 372	4 817	5 035	218
2005	9 399	4 559	11 703	7 145	4 840	5 099	259
2006	10 361	5 082	12 487	7 406	5 279	5 479	200

자료출처 : 통계청

Source : Korea National Statistical Office

단위 : 천원

Unit: Thousand won

구 분 Classification	이전소득 Transfer Income	비경상소득 ¹⁾ Irregular Income	가계지출 ²⁾ Household Expenditures		어가처분 가능소득 Disposable F.H. Income	어가경제 잉여 Surplus F. H. Economy	어가자산 (연도말) F. H. Assets (End of Year)	어가부채 (연도말) F. H. Liabilities (End of Year)	
			소비지출 Consumption Expenditures	비소비지출 ³⁾ Non-Consumption Expenditures					
1999	3 683	...	14 252	14 242	...	18 222	3 760	122 425	19 645
2000	3 759	...	15 506	15 506	...	19 415	3 608	127 168	22 293
2001	4 482	...	16 863	16 863	...	21 248	4 002	132 519	22 848
2002	4 586	...	16 660	16 660	...	21 371	4 531	139 188	23 673
2003	861	3 695	20 019	16 250	3 770	20 147	3 897	140 477	29 836
2004	1 477	3 555	21 081	16 602	4 479	21 680	5 077	160 698	32 544
2005	2 245	4 434	22 896	17 682	5 214	22 815	5 133	183 841	34 531
2006	2 728	5 315	23 885	18 156	5 729	24 277	6 121	209 644	34 422

주 1) 2003년부터 이전소득에서 비경상소득을 분리함 2) 2003년부터 가계지출을 소비지출과 비소비지출로 구분
 3) 비소비지출은 2003년부터 가계지출 중 일부 조세공과금, 분가지출 등이 분리 통계함됨

3. 어업수지 (Fishery Receipts & Expenses)

단위 : 천원

Unit: Thousand won

구 분 Classification	어업총수입 Gross Fishery Receipts								
	어로수입 Fishing Receipts								기타 ¹⁾ Other
	어류 Fishes	갑각류 Crustacea	패류 Shellfish	연체동물 Mollusca	기타수산 동물 Other Aquatic Animals	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
2004	25 144	16 116	7 958	1 965	1 906	3 591	329	176	191
2005	26 576	15 942	8 007	2 045	1 615	3 520	352	211	192
2006	25 910	16 198	8 178	2 386	1 682	3 266	305	255	155

단위 : 천원

Unit: Thousand won

구 분 Classification	어업총수입 Gross Fishery Receipts									
	양식수입 Aquaculture Receipts					어업잡수입 Misc. Fishery Receipts				기타 ¹⁾ Other
	어류 Fishes	패류 Shellfish	기타수산 동물 Other Aquatic Animals	해조류 Seaweeds	기타	어업소득 보상금 Fishery Income Compensation	기타			
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	...
2004	8 419	1 074	2 577	344	2 773	1 651	609	589	20	...
2005	10 090	1 253	3 867	244	3 186	1 540	544	502	42	...
2006	9 229	1 034	4 394	227	2 548	1 027	483	443	40	...

주 1) 수산물가공수입이 2002년까지는 어업총수입의 기타로 분류되었으나, 2003년부터 겸업수입으로 분류됨

단위 : 천원

Unit: Thousand won

구 분 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
2004	13 185	8 534	427	50	115	2 211
2005	14 626	9 007	530	45	110	2 262
2006	14 307	8 683	429	48	96	2 124

단위 : 천원

Unit: Thousand won

구 분 Classification	어업경영비 Fishery Production 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
2004	1 671	1 709	91	1 554	73	479	155
2005	1 841	1 708	164	1 571	91	507	178
2006	1 883	1 639	125	1 545	74	553	167

단위 : 천원

Unit: Thousand won

구 분 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
2004	4 651	1 067	307	97	826	334
2005	5 619	1 337	516	115	877	376
2006	5 624	1 327	519	101	966	394

단위 : 천원

Unit: Thousand won

구 분 Classification	어업경영비 Fishery Production Expenses						
	양식지출 Aquaculture Expenses						기타 ¹⁾ Other
	어구 구입 보수비용 등 Buying Gear & Repair	임차료 Rent	조세및이자 Taxes & Interest	판매용 자재 Materials for Sale	위판수수료 Consignment Fee	보험료 및기타 Insurance & 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	...
2004	836	110	849	53	146	26	...
2005	1 111	179	885	35	145	43	...
2006	1 084	130	901	26	140	34	...

주 1) 수산물가공지출이 2002년까지는 어업경영비의 기타로 분류되었으나, 2003년부터 겸업지출로 분류됨

4. 겸업수지 (Non-Fishery Business Receipts & Expenses)

단위 : 천원

Unit: Thousand won

구 분 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
2004	10 722	3 866	1 234	5 623	6 372	1 342	638	4 392
2005	11 703	4 056	1 194	6 453	7 145	1 412	708	5 024
2006	12 487	4 389	690	7 409	7 406	1 516	296	5 594

5. 사업외수지 (Non-Business Receipts & Expenses)

단위 : 천원

Unit: Thousand won

구 분 Classification	사업외수입 Non-Business Receipts						
		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
2004	5 035	4 367	3 989	378	668	365	4
2005	5 099	4 428	3 924	504	671	337	2
2006	5 479	4 733	4 223	510	746	361	8

단위 : 천원

Unit : Thousand won

구 분 Classification	사 업 외 수 입 Non-Business Receipts			사 업 외 지 출 Non-Business Expenses		
	자 본 수 입 Capital Receipts			어업외취업 Non-Fishery Job Expenses	자본수입 관련비용 Cost Related to Capital Receipts	
	농지임대 Land Rental	어업용 임대 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
2004	44	35	220	218	27	190
2005	47	19	266	259	12	247
2006	52	17	308	200	22	178

6. 이 전 소 득 (Transfer Income)

단위 : 천원

Unit: Thousand won

구 분 Classification	이 전 소 득 Transfer Income							
	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
2004	1 477	770	145	16	609	706	256	450
2005	2 245	973	200	21	753	1 272	359	913
2006	2 728	1 331	316	74	941	1 396	500	897

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 Congratulatory & 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
2004	3 555	845	6	399	317	1 989
2005	4 434	1 468	26	358	327	2 254
2006	5 315	1 658	28	694	316	2 619

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
2004	21 081	16 602	4 452	1 078	1 184	615
2005	22 896	17 682	4 699	1 215	1 236	630
2006	23 885	18 156	4 746	1 256	1 247	609

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
2004	655	1 199	683	502	2 391	3 843
2005	642	1 409	620	532	2 485	4 215
2006	695	1 358	638	535	2 537	4 536

단위 : 천원

Unit: Thousand won

구 분 Classification	비 소 비 지 출 Non-Consumption Expenditures						
	가계부문조세 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
2004	4 479	218	351	382	3 528	1 360	2 168
2005	5 214	203	374	355	4 281	1 309	2 973
2006	5 729	249	377	338	4 765	1 302	3 463

9. 재산적 수지 (Property Receipts & Expenses)

단위 : 천원

Unit: Thousand won

구 분 Classification	재 산 적 수 입 Property Receipts				
		자 산 의 감 소 Decrease in Assets			부 채 의 증 가 Increase in Liabilities
			고 정 자 산 감 소 Decrease in Fixed Assets	유 동 자 산 감 소 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
2004	36 315	28 443	3 862	24 581	7 872
2005	40 424	32 253	3 802	28 450	8 172
2006	40 831	34 219	4 053	30 167	6 612

단위 : 천원

Unit: Thousand won

구 분 Classification	재 산 적 지 출 Property Expenses				
		자 산 의 증 가 Increase in Assets			부 채 의 감 소 Decrease in Liabilities
			고 정 자 산 증 가 Increase in Fixed Assets	유 동 자 산 증 가 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
2004	44 521	38 867	7 439	31 428	5 654
2005	48 890	42 036	6 541	35 495	6 854
2006	50 300	43 495	6 928	36 567	6 804

10. 어 가 자 산 (F. H. Assets)

단위 : 천원, m²

Unit: Thousand won, m²

구 분 Classification	어 가 자 산 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	
					면적 Area	평가액 Value	면적 Area	평가액 Value
1999	...	122 425	...	95 257	6 568	44 108	6 552	43 900
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
2004	153 251	160 698	111 739	111 870	5 400	39 262	5 363	39 134
2005	177 231	183 841	127 835	127 397	5 377	51 896	5 375	51 766
2006	205 038	209 644	148 692	147 274	5 378	67 493	5 375	67 671

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		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	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
2004	147	39 976	153	41 532	1 042	1 042	17 141	16 710
2005	147	42 526	159	42 870	1 306	1 317	17 010	17 013
2006	170	45 561	175	46 150	1 300	1 146	17 590	16 880

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
2004	8 795	7 518	971	978	506	491	4 045	4 465
2005	9 163	8 041	1 021	1 355	484	512	4 428	4 523
2006	9 951	8 276	1 404	1 572	481	495	4 912	5 084

단위 : 천원

Unit: Thousand won

구 분 Classification	유 동 자 산 Liquid Assets							
	재 고 자 산 Inventory Assets							
					소 동 물 Small Animal		미처분농수산물 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
2004	41 512	48 828	7 981	8 670	5	4	745	925
2005	49 396	56 443	8 664	8 835	5	5	850	720
2006	56 346	62 369	8 592	8 505	5	7	693	679

단위 : 천원

Unit: Thousand won

구 분 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
2004	6 940	7 435	291	305	33 531	40 159
2005	7 493	7 849	316	261	40 732	47 608
2006	7 622	7 552	273	267	47 753	53 865

단위 : 천원

Unit: Thousand won

구 분 Classification	유 동 자 산 Liquid Assets					
	당 좌 자 산 Quick Assets					
	현 금 Cash		예금 등 금융자산 Deposits etc.		미수금 및 선급금 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
2004	427	396	32 894	39 234	211	529
2005	377	361	39 798	46 226	557	1 022
2006	412	475	46 496	52 658	846	732

단위 : 천원

Unit: Thousand won

구 분 Classification	용도별 어가자산 F. H. Assets by Purpose							
	어 업 용 For Fishery		가 계 용 For Household		겸 업 용 For Non-Fishery Business		기 타 용 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
2004	27 277	26 816	44 412	44 524	30 353	30 403	9 697	10 128
2005	27 403	27 066	47 756	47 354	39 036	38 897	13 640	14 080
2006	28 591	27 553	49 812	49 669	51 586	51 000	18 703	19 053

11. 어 가 부 채 (F. H. Liabilities)

단위 : 천원

Unit: Thousand won

구 분 Classification	어 가 부 채 F. H. Liabilities		부채의 원천 Liabilities by Kind			
			차 입 금 Borrowed Money		미불금 및 선수금 Unpaid & Pre-accepted 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
2004	30 270	32 544	30 075	32 179	194	365
2005	33 245	34 531	32 853	34 119	391	411
2006	34 693	34 422	34 291	33 947	402	476

단위 : 천원

Unit: Thousand won

구 분 Classification	부채의 성질 Liabilities by Temperament				차입금의 조달방법 Borrowing Money by Lender			
	고 정 부 채 Fixed Liabilities		유 동 부 채 Liquid Liabilities		금 용 기 관 Banking Facilities		사 채 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
2004	26 301	27 473	3 969	5 071	26 437	27 778	3 833	4 766
2005	28 280	28 982	4 964	5 549	28 175	28 516	5 070	6 015
2006	29 383	29 219	5 310	5 203	28 977	28 569	5 716	5 853

단위 : 천원

Unit: Thousand won

구 분 Classification	차입금의 용도 Borrowing Money by Purpose							
	어 업 용 For Fishery		가 계 용 For Household		겸 업 용 For Non-Fishery Business		기 타 용 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
2004	16 973	17 665	7 786	8 592	3 794	4 516	1 717	1 772
2005	18 481	18 560	8 866	9 424	4 071	4 491	1 827	2 056
2006	17 590	17 275	9 328	9 681	5 546	5 246	2 230	2 221

12. 어업고정자본 (Fishery Fixed Capital)

단위 : 천원

Unit: Thousand won

구 분 Classification	어업 고정 자본 Fishery Fixed Capital					
	토지개량자본 Land Improvement Capital	건물 및 구축물 Building & Facilities	선 박 Boat	기계·기구·비품 Machinery·Tools· Furniture	무형 자산 Intangible Assets	
1999	...	...	...	...	...	...
2000	...	...	...	...	...	...
2001	...	...	...	...	...	...
2002	...	...	...	...	...	...
2003	25 612	2	3 361	16 370	3 710	2 169
2004	26 634	0	3 342	16 358	4 229	2 705
2005	26 546	0	4 036	15 197	4 540	2 774
2006	27 464	7	4 088	15 669	4 580	3 120

13. 어업생산성 지표 (Indicators of Fishery Productivity)

단위 : 천원, %

Unit: Thousand won, %

구 분 Classification	어업 생산성 지표 Indicators of Fishery Productivity						
	어업총수입 Gross Fishery Receipts	어업부가가치 Value-added of Fishery	어업자본투입액 Fishery Capital	노동생산성 Labor Productivity	자본생산성 Capital Productivity	자본구성도 Capital Component	자본계수 Capital Coefficient
1999	16 745	...	...	...	...	...	...
2000	17 011	...	...	...	...	...	...
2001	18 980	...	...	...	...	...	...
2002	17 846	...	...	...	...	...	...
2003	23 114	16 050	43 177	11	37.17	29	2.69
2004	25 144	17 568	45 855	11	38.31	30	2.61
2005	26 576	17 832	47 511	12	37.53	32	2.66
2006	25 910	17 350	47 725	12	36.35	34	2.75

14. 유형별 어업노동투입량 (Fishery Labor Hours by Type)

단위 : 시간

Unit: Hours

구 분	자영어업노동투입량 Labor Hours in Operating Fishery			
	가족노동 Family Labor	고용노동 Hired Labor	품앗이 Exchange Labor	일손돕기 Helping
1999	...	...	...	...
2000	...	...	...	...
2001	...	...	...	...
2002	...	...	...	...
2003	1 465.68	1 119.27	326.52	10.86
2004	1 531.44	1 154.67	346.67	21.27
2005	1 487.85	1 082.19	363.67	26.19
2006	1 422.20	1 034.24	355.64	23.54

전업 및 1종겸업어가 연도별 통계표

Full-time & Part-time F. H. Type I Statistical

Tables by Year (1980~2002)

II. 전업 및 1종겸업어가 연도별 통계표 (1980~2002)

1. 주 요 지 표

단위 : 천원

연도 Year	어가소득 Fishery Household Income	어업소득 Fishery Income		어업외소득 Non-Fishery 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											
1980	2 596	1 752	3 090	1 338	844	313	433	120	79	143	64
1981	3 042	1 978	3 475	1 497	1 064	426	582	155	97	184	86
1982	3 279	1 960	3 513	1 553	1 319	513	693	179	94	155	61
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

II. Full-time & Part-time F. H. Type I Statistical Tables by Year (1980~2002)

1. Major Indicators

Unit: Thousand won

사업외소득 ¹⁾ Non-Business 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	연도 Year
수입 Receipts	지출 Expenses										
By Year											
451	451	...	...	...	2 500	1 998	47	456	3 178	564	1980
540	540	95	...	34	2 913	2 387	21	505	3 795	588	1981
712	712	105	...	31	3 143	2 716	45	382	4 316	1 337	1982
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

주 1) 1986년 이전 사업외소득은 사업외수입과 같음. 1987년부터 사업외소득은 사업외수입에서 사업외지출(차입금이자)를 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 공시지가를 적용하여 평가하였음

2. 어업조수입

단위 : 천원

연도 Year	어업조수입 Gross Fishery Receipts	어 로 어 업 Fishing Fishery Receipts						양 식 업	
		소 계 Sub-Total	어 류 Fishes	갑 각 류 Crustacea	연 체 동 물 Mollusca	기 타 수 산 동 물 Other Aquatic Animals	해 조 류 Seaweeds	소 계 Sub-Total	해 조 류 Seaweeds
연 도 별									
1980	3 090	2 133	1 073	308	681	47	25	848	583
1981	3 475	2 450	1 349	421	602	55	23	881	613
1982	3 513	2 626	1 504	380	649	72	21	802	560
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

2. Gross Fishery Receipts

Unit: Thousand won

Aquaculture Fishery Receipts		수 산 가 공 업 Fisheries Processing Receipts							수 산 물 재고증감	연도
패 류	기 타	소 계	자연건조 제 품	염건품 Salted & Dried	열 가 공 건조제품 Cooked	염신장품 Salted Preserved & Pickled	해조제품, 투스, 한천 Dried Seaweeds, Hijiki & Agar	기 타 ¹⁾	Changes in Fishery Products Inventory	Year
Shellfish	Others	Sub-Total	Dried	Salted & Dried	Cooked	Salted Preserved & Pickled	Dried Seaweeds, Hijiki & Agar	Others		
By Year										
261	4	111	...	...	...	...	...	...	-2	1980
206	62	141	5	-	44	61	32	-	3	1981
233	10	80	1	0	16	45	16	-	5	1982
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

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

3. 어업경영비

단위 : 천원

연도 Year	어업경영비 Fishery Production Expenses	어 로 어 업 Fishing Fishery Expenses							
		소 계 Sub-Total	고기밥대 Bait	얼 음 대 Ice	어상자대 Fish-Box	연 료 비 Fuel	선수품비 Equipmet Charges for Fishing Work	어구구입 및 보수비 Buying Gear & Repair	노 임 Wages
연 도 별									
1980	1 338	985	25	13	3	211	24	118	449
1981	1 497	1 100	29	9	6	273	25	184	433
1982	1 553	1 138	44	9	7	280	26	225	430
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

3. Fishery Production Expenses

Unit: Thousand won

		양 식 업 Aquaculture Fishery Expenses					수 산 가 공 업 Fisheries Processing Expenses					감 가 상 각 비 Depreciat- ion	재 고 생 산 자 재 증 감 Changes in Productive Materials Inventory	연 도 Year
임차료 Rent	기 타 Others	소 계 Sub-Total	종묘대 Seed Shell	양식시설 및 보수비 Facilities & Repair	기 타 Others	소 계 Sub-Total	가공재료비 Materials for Processing	시설보수비 Facilities & Repair	기 타 Others					
By Year														
3	139	221	16	117	88	19	-	-	-	114	-1	1980		
10	130	224	15	92	117	29	-	-	-	138	7	1981		
4	115	256	46	90	120	7	-	-	-	157	-5	1982		
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		

4. 어업수지

단위 : 천원

연도 Year	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						
1980	3 090	3 092	2 133	848	111	-2
1981	3 475	3 472	2 450	881	141	3
1982	3 513	3 508	2 626	802	80	5
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
1986	7 155	7 161	5 538	1 368	255	-6
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

4. Fishery Receipts & Expenses

Unit: Thousand won

어업경영비 Fishery Production Expenses	어업지출 Fishery Expenses				감가상각비 Depreciation	재고생산자재 증감 Changes in Productive Materials Inventory	연도 Year
	소 계 Sub-Total	어로지출 Fishing Fishery	양식지출 Aquaculture Fishery	수산가공지출 Fishery Processing			
By Year							
1 338	1 225	985	221	19	114	-1	1980
1 497	1 353	1 100	224	29	138	7	1981
1 553	1 401	1 138	256	7	157	-5	1982
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

5. 겸업수입

단위 : 천원

연도 Year	겸업수입 Non-Fishery Business Receipts	농업조수입					
		소계 Sub-Total	곡물류 Grains	기타농작물 Other Crops	축산물 Livestock Products	양잠 Sericulture	기타 ¹⁾ Others
연도별							
1980	576	433	...	...	...	...	...
1981	765	582	309	140	32	-	5
1982	848	693	352	154	61	-	5
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

주 1) 2000년부터 농업조수입에서 양잠은 기타에 포함됨.

5. Non-Fishery Business Receipts

Unit: Thousand won

Gross Farm Receipts			기 타 경 업 수 입 Other Business Receipts					연도 Year
농 산 물 재고증감 Changes in Agr. Products Inventory	대동물증식 Increase in large Animals	대식물증식 Increase in large Plants	소 계 Sub-Total	상 공 업 Trade & Manufacture	서비스업 Services	임 산 물 Forestry	기 타 ¹⁾ Others	
By Year								
-13	49	...	143	...	...	...	...	1980
15	81	...	184	119	11	37	16	1981
19	102	...	155	99	17	31	9	1982
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

주 1) 2000년부터 기타경업수입에서 임산물은 기타에 포함됨.

6. 겸업지출

단위 : 천원

연도 Year	겸업지출 Non-Fishery Business Expenses	농업경영비					
		소계 Sub-Total	농사비 Seed & Fertilizers	농구비 Agricultural Implements	영농광열비 Fuel & Light	동물비 Animals & Feeds	양잠비 Sericulture
연도별							
1980	184	120	...	...	...	...	-
1981	242	155	61	17	3	23	-
1982	241	179	62	14	3	48	-
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	...

6. Non-Fishery Business Expenses

Unit: Thousand won

Farm Production Expenses					기 타 경 업 지 출 Other Business Expenses					연도 Year
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										
...	...	...	...	...	64	...	...	...	...	1980
29	8	15	...	...	86	82	2	0	2	1981
30	8	15	...	...	61	57	2	0	2	1982
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

주 1) 2000년부터 기타경업지출에서 임산물은 기타에 포함됨.

7. 사업외수지 Non-Business Receipts & Expenses

단위 : 천원

연도 Year	사 업 외 수 입 Non-Business 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							
1980	451	...	...	-	-	-	-	-
1981	540	78	49	112	30	26	5	240
1982	712	101	62	116	23	28	4	378
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

주 1) 1987년까지는 이전수입(사례금, 송금보조 등)이 포함됨.

8. 이전수입 및 조세공과금 Transfer Income, Taxes & Dues

Unit: Thousand won

사업외지출 Non-Business Expenses			이 전 수 입 Transfer Income				조세공과금 Taxes & Dues			연도 Year
계 Total	차입금이자 Interest	기 타 ¹⁾ Others	계 Total	송금보조 Subsidy by Family	부조금 등 Donation	기 타 ²⁾ Others	계 Total	조 세 Taxes	공 과 금 Dues	
By Year										
...	...	...	...	...	...	...	...	...	...	1980
95	95	...	...	...	...	...	34	16	18	1981
105	105	...	...	...	...	...	31	18	13	1982
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

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

9. 가 계 비

단위 : 천원

연도 Year	가 계 비 Household Consumption Expenditures	음 식 물 비 Expenditures for Food									
		계 Total	곡물류 Grains	육어개류 ¹⁾ Meat & Marine Product	유 란 Milk & Eggs	해조류 Seaweeds	채소류 Vegetables	과 실 Fruits	조미료 Spices	가공식품 Processed Foods	기 타 Others
연 도 별											
1980	1 998	803	...	...	...	...	...	...	...	...	...
1981	2 387	951	508	103	14	13	67	29	89	31	96
1982	2 716	999	522	125	15	13	69	36	87	31	101
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

주 1) 2000년부터 해조류는 육어개류에 포함됨

9. Household Consumption Expenditures

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	연도 Year
					계 Total	미용, 위생 Personal Care	교 양 오락비 Culture & Entertain- ment	교통, 통신 Transportat- ion & Communi- cation	관혼상제 Ceremonial Expenses	기 타 Others			
By Year													
130	124	160	191	...	590	...	...	...	...	...	87.7	79.9	1980
157	153	163	252	136	575	39	21	112	151	252	82.9	82.0	1981
211	164	184	290	169	699	43	34	137	191	294	72.2	86.4	1982
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

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

10. 어 가 자 산

단위 : 천원

연도 Year	어가자산 Fishery Household Assets	고 정 자 산 ¹⁾ Fixed Assets							소 계 sub-Total
		소 계 Sub-Total	토 지 ²⁾ Land	건 물 Building	어선 및 대어구 Boat & Big Gear	대농구 Agr. Implement	대동물 Large Animal	대식물 Large Plant	
연 도 별									
1980	3 178	1 437	13	93	1 229	...	102	...	913
1981	3 795	1 586	10	86	1 340	...	150	...	1 095
1982	4 316	1 776	10	74	1 466	...	226	...	1 259
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

주 1) 1983년부터 고정자산은 비어업용자산이 포함됨.

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

10. Fishery Household Assets

Unit: Thousand won

유 동 자 산 Inventory Assets					유 통 자 산 Financial Assets					연도 Year
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 Money	기 타 others	
By Year										
394	320	...	...	198	828	136	434	107	150	1980
493	401	...	...	201	1 114	148	514	193	260	1981
608	426	...	...	225	1 281	153	442	258	429	1982
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

11. 차입처별 부채 Liabilities by Borrowing

단위 : 천원

연도 Year	차입처별부채 Liabilities by Borrowing	금 융 기 관 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								
1980	564	...	...	...	...	...	...	...
1981	588	...	...	...	...	...	...	...
1982	1 337	...	...	...	...	...	...	...
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

12. 용도별 부채 Liabilities by Purpose

Unit: Thousand won

연도 Year	용도별부채 Liabilities 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						
1980	564	363	311	52	178	23
1981	588	360	309	51	207	21
1982	1 337	889	799	90	402	47
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



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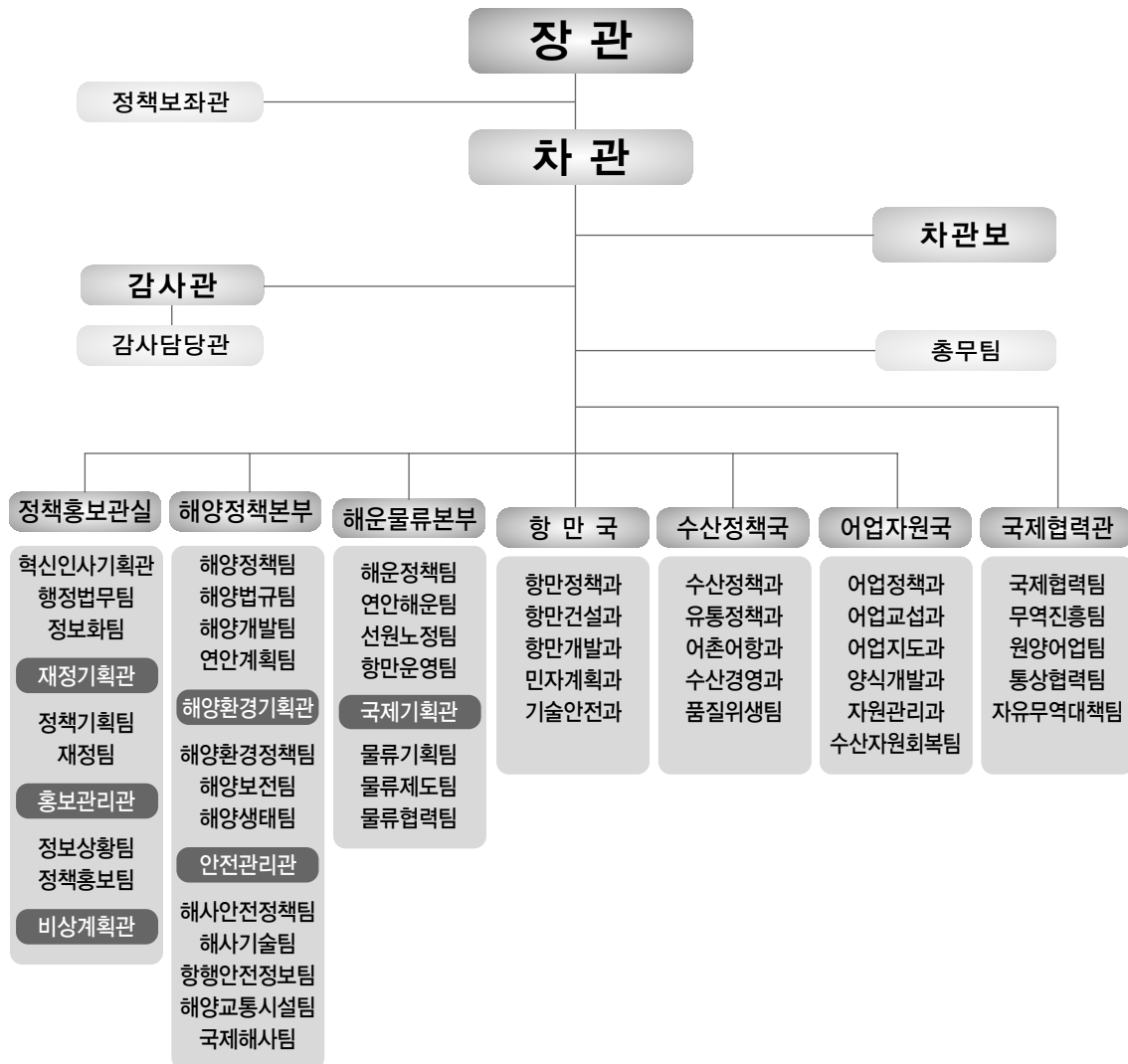


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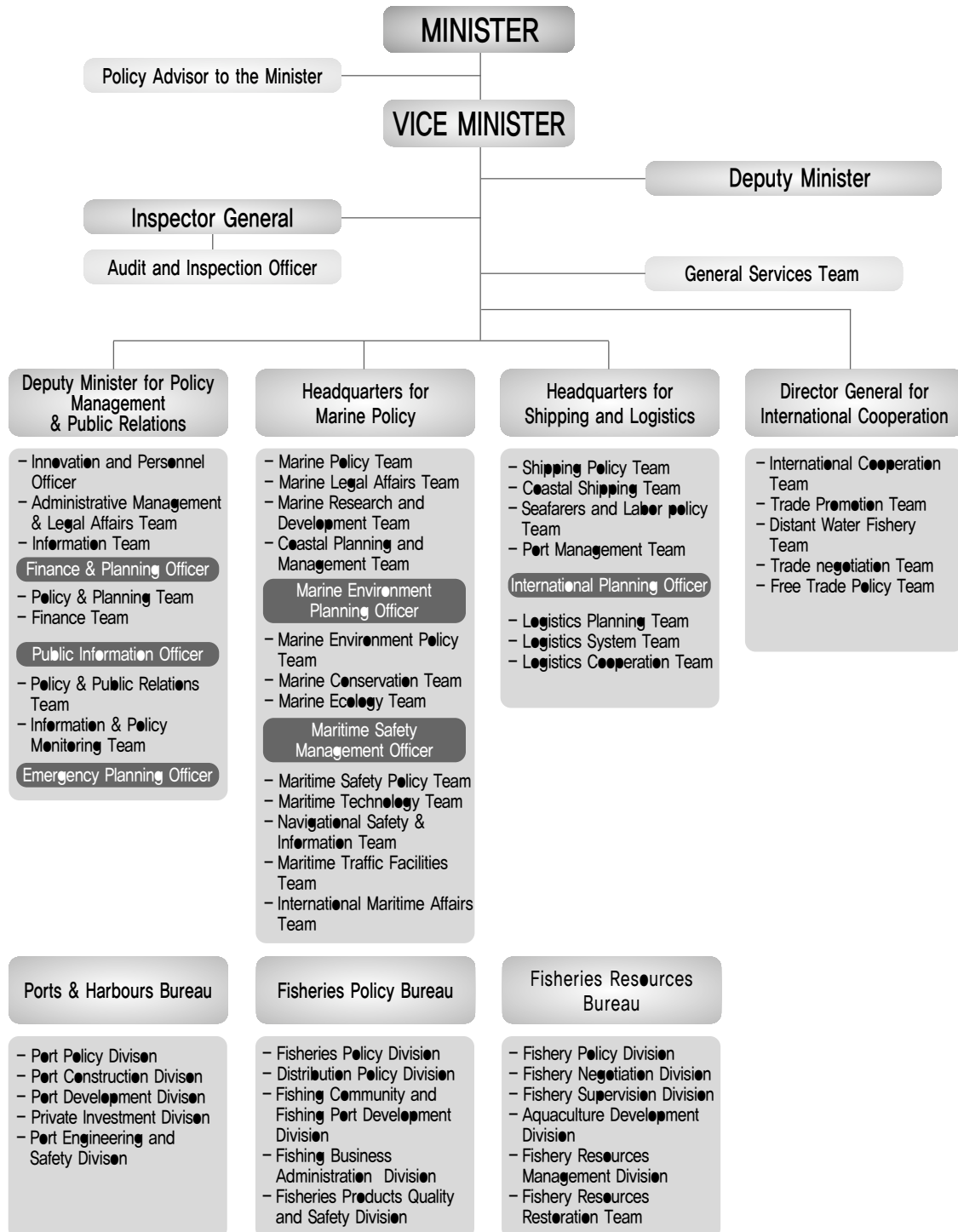
록

Supplement

해양수산부 조직도



Organization Chart



2. 해양수산통계 용어해설

Maritime Affairs and Fishery Statistical Terminologies

⚓ 해운항만분야 ⚓

용 어	해 설
1. 국 적 선	한국선박(선박법 제2조에 의함)과 국적취득조건부 나용선을 의미함
2. 교 량 표 지	교량을 통항하는 선박의 안전항해와 시설물의 보호를 위한 교량의 可航水路 표지시설
3. 관 사	해기사 면허직종의 하나로서 선박의 기관부에서 기관의 운전 및 관리업무를 수행할 수 있는 소정의 면허를 받은 자
4. 기 중 기 선	해상에서 중량품 하역을 위해 기중기 장비를 갖춘 선박
5. 낙 도 보 조 항 로	낙도 도서주민의 생활교통을 위하여 정부의 보조금으로 여객선이 취항하는 항로
6. 도 등	전·후등 1조로서 야간에 可航水路의 중심을 일직선으로 나타내어 협수로상의 안전항해에 이용되는 표지시설
7. 도 선 사	도선사 면허를 받아 항만 또는 수로에 관한 제반사항을 숙지하고 선박의 입출항시 선박을 안전한 수로로 안내하는 자
8. 도 표	전·후탑 1조로서 주간에 可航水路의 중심을 일직선으로 나타내어 협수로상의 안전항해에 이용되는 표지시설
9. 등 부 표	해면에 띄운 구조물로서 주·야간에 암초, 항로 및 항행금지구역 등을 나타내는 표지시설
10. 등 주	간단한 기동상부에 燈器를 설치한 간이 표지시설
11. 등 표	암초상이나 수심이 얕은 곳에 건립하여 등화 및 형상으로써 그 위험 지역을 나타내는 표지시설
12. 라 디 오 비 콘 (Radio Beacon)	선박의 방위측정용으로 종파 및 장파를 이용, 일정한 신호를 발사하여 방향을 탐지케 하는 무선표지시설
13. 로 란 (LORAN)	육상에 주국 하나와 2-4개의 종국이 1조가 되어 발사되는 전파를 이용하여 선박위치를 측정하는 장치
14. 레이 콘 (RACON)	레이다 영상면에 송신국의 위치를 輝線부호로 표시하는 레이다 응답장치
15. 무 인 등 대	등대원이 상주하지 않으며, 야간에 등화로 위치를 나타내는 표지시설
16. 무 역 항	지정항만중 주로 원양구역을 항행하는 선박이 입출항하는 항만
17. 물 양 장	수심이 약(-)4.0M 이내로 1,000톤미만의 소형선박이 접안하는 부두
18. 방 파 제	먼 바다로부터 오는 파도를 막아 항만내의 선박 및 시설을 보호하는 구조물
19. 부 표	해면에 띄운 구조물로서 주간에 암초 및 항로, 항해금지구역 등을 나타내는 표지시설
20. 상 옥	선박에 싣고 내릴 화물을 보호, 분별 및 장기보관을 위해 부두에 지은 건물

용 어	해 설
21. 선 박 톤 수	총톤수(G/T) : 선박의 총용적을 톤으로 표시한 것
22. 선 복	화물을 실을 수 있는 부분으로서 선박톤수를 기준으로한 개념
23. 소형선박조종사	해기사 면허직종의 하나로서 일정규모의 소형선박에서 항해 및 기관업무를 모두 수행할 수 있는 소정의 면허를 받은 자
24. 순 찰 선	항만내 질서를 위한 항만순찰 및 입·출항 선박의 위반행위 등을 단속·계도하는 선박
25. 안 벽	선박이 직접 계류하여 하역을 할 수 있게 하는 구조물로서 수심이 약 (-)5.0M 이상이며, 1,000톤급 이상의 선박이 접안할 수 있는 부두
26. 야 적 장	화물을 일정한 장소에 놓아두기 위한 항만부지
27. 에 어 싸 이 렌	유인등대에 설치한 음파표지의 하나로서 안개, 비, 눈 등으로 시계(視界)가 나쁠 때 압축공기에 의하여 경적을 울릴 수 있는 표지시설
28. 연 안 선	주로 국내 각 항만간을 항행하는 선박
29. 연 안 수 송	국내 각 항만간의 수송
30. 연 안 항	지정항만중 주로 연해구역을 항행하는 선박이 입·출항하는 항만
31. 예 선	선박이 항만에 입·출항할 때 자력으로 다른 선박을 지정된 장소까지 이동시킬수 있는 선박
32. 외 항 수 송	외국선 수송 : 외국선에 의한 화물수송 국적선 수송 : 국적선에 의한 화물수송
33. 용 선	선주와 용선자 사이의 선박임대 및 선주가 선박을 이용하려는 자를 위하여 선박의 일부 또는 전부를 빌려주어 이용할 수 있도록 하는 것
34. 운 항 사	해기사 면허직종의 하나로서 선박에서 갑판부, 기관부, 통신부 등 선박 운항 전 분야의 업무를 수행할 수 있는 소정의 면허를 받은 자
35. 유 인 등 대	등대원이 상주하며 관파, 음파, 전파표지를 설치·운영하여 위치를 나타내는 표지시설
36. 입 표	암초상이나 수심이 얕은 곳에 건립, 주간에 형상으로 그 위험을 나타내는 시설
37. 입 항	선박이 개항(내·외국적의 선박이 상시 입·출항 할 수 있는 항만)의 항계내에 들어옴
38. 잔 교	고정잔교 : 바다위에 설치하여 육지와 교량형태로 연결된 부두 부 잔 교 : 간만의 차이가 심한 곳에서 조위에 관계없이 선박이 접안할 수 있도록 만든 물위에 떠 있는 부두

용 어	해 설
39. 전 기 혼	안개 등으로 시계불량시 전자식에 의한 저주파 발진으로 소리내에 위치를 나타내는 시설
40. 조 사 등	등대 등에 병설하여 특정한 위험구역을 투사하여 그 위치를 알려주는 등화
41. 지 정 항 만	국민경제와 공공의 이해에 밀접한 관계가 있는 항만으로서 대통령령으로 지정한 항만
42. 지 향 등	도등의 기능과 같으나 하나만으로 협각(峽角)을 이용하여 안전한 항로를 나타내는 표지시설
43. 접 안 능 력	당해 부두에 접안할 수 있는 최대선박의 동시 계류(선박을 다른 시설에 붙들어 놓은 것) 능력
45. 출 항	선박이 개항의 항계(港界) 밖으로 나감
46. 통 신 사	해기사 면허 직종의 하나로서 선박의 통신업무를 수행 할 수 있는 소정의 면허를 받은 자
47. T E U	Twenty footer Equivalent Unit의 두문약자, 보통 20ft로 표시하며 20ft 컨테이너 크기로 환산하는 단위
48. 하 역 능 력	일정시간에 화물을 싣고 부릴 수 있는 표준처리능력
49. 항 해 사	해기사 면허직종의 하나로서 선박의 갑판부에서 선박의 운항 및 관리 업무를 수행할 수 있는 소정의 면허를 받은 자
50. 해 기 사	선박의 운항, 기관의 운전 또는 선박통신업무 등을 수행할 수 있는 소정의 면허를 받은 자
51. 화 물 톤 수	M/T (Metric Ton) : 화물의 중량을 나타내는 단위, 1 M/T은 1,000kg임 R/T (Revenue Ton): 화물의 운임 등에 적용되는 톤수
52. 환 적 (T/S:Transshipment)	선적된 화물을 양하하여 다시 다른 선박이나 다른 수송기관에 적재하는 것
53. R0 - R0선 (Roll-on Roll-off)	하역장비(Crain)등 별도의 하역장비를 이용하지 않고 자동차 및 지게차 등 자행성(自行性)이 있는 운송기계를 사용하여 화물을 양하(襄荷)하거나 적하(積荷) 할 수 있도록 설계된 선박, 소량화물을 운반하는 연안해운에 주로 투입되며 부두에서 선박으로 직접 자동차 등이 이동 할 수 있도록 경사판(ramp)시설을 갖추고 있음. 주로 Car Carrier선박을 말한다.
54. L0 - L0 (Lift-on Lift-off)	크레인을 이용하여 선박에 화물을 수직으로 적재 또는 양륙하는 방식

⚡ 해양분야 ⚡

용어	해설
폐기물	쓰레기, 폐유, 폐산, 동물의 사체 등으로 사람의 생활이나 사업활동에 필요하지 아니하게된 물질
해양배출	육지에서 처리가 곤란한 폐기물 중 해양수산부령이 정하는 폐기물에 한하여 적법한 처리기준 및 방법에 따라 배출해역에 배출
정해역	병해역과 무해역 사이의 해역 (12~50해리) <ul style="list-style-type: none"> ▪ 동해정해역 : 울산 남동쪽 방향 약 63km EEZ상, 수심 150m 내외
병해역	영해의 기선으로부터 50해리 밖의 해역 <ul style="list-style-type: none"> ▪ 서해병해역 : 군산 서쪽 방향 약 200km EEZ상, 수심 80m 내외 ▪ 동해병해역 : 포항 동쪽 방향 약 125km EEZ상, 수심 2,000m 내외
액상(폐수류)	수분함량이 95% 이상이거나 고형분의 함량이 5% 미만인 폐수
오니(Sludge)	하수처리 또는 정수(淨水)과정 등에서 생긴 찌꺼기(수분함량이 95% 이하이거나 고형분의 함량이 5% 이상인 폐기물)
준설토사	항만의 항로 수심유지 또는 항만개발에 따라 필요에 의해 준설했던 준설토 물질
원료동식물 폐기물	가공시설에서 원료로 사용후 나온 동·식물 폐기물
수산가공 잔재물	수산물을 가공하고 남은 껍질, 내장, 피 등의 폐기물

수 산 분 야

용 어	해 설
1. 어업가구	판매를 목적으로 지난1년중 1개월이상 수산동식물의 포획 채취 또는 양식 어업을 직접 경영하는 가구
2. 어업가구원	경영주와 함께 거주하는 가족이나 친인척, 또는 어업과 관련하여 고용한 사람으로서 1개월이상 살았거나 1개월 미만 살았지만 앞으로 계속 같이 살 사람
3. 어업종사자	조사기준시점 현재 만 15세이상의 가구원 중 조사실시전 1년간에 1개월 이상 판매를 목적으로 해면에서 수산동식물의 포획 채취하거나 양식어업에 종사하는 사람
4. 전업어가	조사실시전 1년 동안 가구원 수입이 어업수입뿐인 가구(어업외수입 없는 가구)
5. 겸업어가 - 1종겸업어가 - 2종겸업어가	- 어업수입이 어업이외의 수입보다 더 많은 가구 - 어업수입보다 어업외수입이 더 많은 가구(1종겸업어가와 반대)
6. 원양어업 - 원양연승어업 - 원양트롤어업 - 원양채낚기 - 기타원양어업	수산업법 제41조제1항제2호의 규정에 의하여 해양수산부장관의 허가를 받아 해외수역을 조업구역으로 하는 어업 동력어선에 의하여 주낙을 사용하여 저어류를 포획하는 어업 동력어선에 의하여 망구전개판을 장치한 인망을 사용하여 해외수역에서 주로 저어류를 포획하는 어업 동력어선에 의하여 외줄낚시 또는 채낚기를 사용하여 수산동물을 포획하는 어업 위의 원양어업 이외의 원양에서 조업하는 어업 (원양기선저인망, 원양선망, 원양유자망, 원양봉수망, 원양통발, 원양안강망 등)
7. 저 인 망 - 대형트롤 - 동해구트롤 - 대형기선저인망 - 중형기선저인망	긴자루형의 그물양측에 날개그물을 달고 상부에는 부자를 하부에는 침자를 부착하여 끌고 다니면서 바다 깊은 곳에 사는 물고기를 잡는 어업 총톤수 70톤이상 140톤미만의 동력어선에 의하여 망구전개판을 장치한 인망을 사용하여 수산동물을 포획하는 어업 총톤수 20톤이상 60톤미만의 동력어선에 의하여 망구전개판을 장치한 인망을 사용하여 수산동물을 포획하는 어업 총톤수 60톤이상 140톤미만의 동력어선에 의하여 저인망을 사용하여 수산동물을 포획하는 어업 총톤수 20톤이상 60톤미만의 동력어선에 의하여 저인망을 사용하여 수산동물을 포획하는 어업

용 어	해 설
<ul style="list-style-type: none"> - 근해형망 - 연안형망 - 연안조망 	<p>총톤수 20톤미만의 동력어선에 의하여 형망을 사용하여 패류를 포획하는 어업</p> <p>무동력어선에 의하여 형망을 사용하여 패류를 포획하는 어업</p> <p>총톤수 8톤미만의 동력어선에 의하여 망구에 막대를 설치한 조망을 사용하여 새우를 포획하거나 무동력어선에 의하여 타뢰망을 사용하여 수산동물을 포획하는 어업</p>
<p>8. 선망어업</p> <ul style="list-style-type: none"> - 대형선망 - 소형선망 - 연안선망 	<p>기다란 사각형의 그물로 어군을 둘러싼 후 그물의 아랫자락을 죄어서 수산동물을 포획하는 어업</p> <p>총톤수 50톤이상 130톤미만의 동력어선에 의하여 선망을 사용하여 수산동물을 포획하는 어업</p> <p>총톤수 8톤이상 20톤미만의 동력어선에 의하여 선망을 사용하여 수산동물을 포획하는 어업</p> <p>무동력어선 또는 총톤수 8톤미만의 동력어선에 의하여 선망, 석조망 또는 양조망을 사용하여 수산동물을 포획하는 어업</p>
<p>9. 부망어업</p> <ul style="list-style-type: none"> - 근해안강망 - 연안안강망 - 분기초망 	<p>수면 아래에 그물을 펼쳐두고 대상물을 그 위로 유인한 후 그물을 들어 올려 수산동물을 포획하는 어업</p> <p>총톤수 8톤이상 90톤미만의 동력어선에 의하여 안강망을 사용하여 수산동물을 포획하는 어업</p> <p>총톤수 8톤미만의 동력어선에 의하여 안강망을 사용하여 수산동물을 포획하는 어업</p> <p>무동력선 또는 총톤수 8톤미만의 동력어선에 의하여 초망 또는 들망을 사용하여 수산동물을 포획하는 어업</p>
<p>10. 자망어업</p> <ul style="list-style-type: none"> - 근해유자망 - 연안유자망 	<p>기다란 사각형 그물을 고정하거나 물의 흐름에 따라 흘러가도록 하면서 대상물이 그물코에 걸리거나 낚히도록하여 포획하는 어업</p> <p>총톤수 8톤이상 70톤미만의 동력어선에 의하여 유망 또는 자망을 사용하여 수산동물을 포획하는 어업</p> <p>무동력어선 또는 총톤수 8톤미만의 동력어선에 의하여 유망 또는 자망을 사용하여 수산동물을 포획하는 어업</p>
<p>11. 기선권현망</p>	<p>총톤수 40톤미만의 동력어선에 의하여 인망(저인망제외)을 사용하여 수산동물을 포획하는 어업.</p>
<p>12. 정치망어업</p>	<p>일정한 수면을 구획하여 대부망, 대모망, 개량식대모망, 낙망, 각망, 팔각망, 소대망 및 죽방렴 등의 어구를 정치하여 수산동물을 포획하는 어업</p>

용 어	해 설
13. 채낚기어업 - 근해채낚기 - 연안채낚기	긴줄에 미늘이 없는 낚시를 1개 또는 여러개 달아 대상물을 채어 낚는 어업 총톤수 8톤이상 90톤미만의 동력어선에 의하여 외줄낚시 또는 채 낚기로 수산동물을 포획하는 어업 총톤수 8톤미만의 동력어선에 의하여 외줄낚시 또는 채낚기로 수산동물을 포획하는 어업
14. 연승어업 - 근해연승 - 연안연승	한가닥의 기다란줄(모릿줄)에 일정한 간격으로 가짓줄(아랫줄)을 달고, 가짓줄 끝에 낚시를 단 어구를 사용하여 낚시에 걸린 수산동물을 포획하는 어업 총톤수 8톤이상 70톤미만의 동력어선에 의하여 주낙을 사용하여 수산동물을 포획하는 어업 무동력어선 또는 총톤수 8톤미만의 동력어선에 의하여 주낙을 사용하여 수산동물을 포획하는 어업
15. 통발어업 - 근해통발 - 연안통발	미끼를 사용한 통발이나 은신처를 제공하기 위한 단지를 사용하여 수산동물을 유인하여 함정에 빠뜨려 잡는 어업 총톤수 8톤이상 70톤미만의 동력어선에 의하여 통발 또는 문어단지를 사용하여 수산동물을 포획하는 어업 무동력어선 또는 총톤수 8톤미만의 동력어선에 의하여 통발 또는 문어단지를 사용하여 수산동물을 포획하는 어업
16. 잠수기어업	총톤수 8톤미만의 동력어선에 잠수기를 설치하여 패류 등의 정착성 수산동물을 포획 채취하는 어업
17. 공동어업	연안의 최간조시의 평균수심 10m이내(강원 및 제주도는 15m이내)의 일정한 수면을 전용하여 패류, 해조류 또는 정착성 수산동물을 포획 채취하는 어업
18. 신고어업	면허어업, 허가어업, 시험 또는 교습이외의 어업으로서 외줄낚시어업, 맨손어업, 나잡어업, 투망어업, 손꽂치어업 등이 있음
19. 구획어업	일정한 수역을 정하여 무동력선 또는 5톤미만의 동력어선에 의하여 하는 어업으로서 정치성 및 이동성구획어업이 있음
20. 어군탐지기	초음파를 수중에 발사하여 반사되는 음파를 수신하여 어군을 탐지하는 장치
21. 넷트홀라(양망기)	어망을 양망하는 기계
22. 해수제빙기	해수를 이용 얼음을 만드는 장치(어획물의 선도유지 등에 사용)
23. 자동기상묘사기	항해하는 해역의 기상상태를 파악하기 위한 기상도를 자동으로 수신하는 장치
24. 오징어자동조상기	오징어를 자동으로 낚시할수 있는 장치
25. 일반해면어업	해면어업중 원양어업과 천해양식어업을 제외한 어업형태를 말하며 연안어업과 근해어업으로 구분

용 어	해 설
26. 천해양식어업	해면에서 수산동식물을 양식하는 어업과 육상에서 인공적으로 조성한 해수면에서 수산동식물을 양식하는 어업
27. 내수면어로어업	하천, 호소, 댐, 저수지 등의 담수나 기수(해수나 담수가 합치는 강하류의 혼합수)의 수류 또는 수면에서 수산동식물을 채포 또는 채취하는 어업
28. 내수면양식어업	공유수면 또는 사유수면에서 일정한 수면을 구획 기타시설을하여 수산동식물을 양식하는 어업
29. 어 류	물고기의 무리, 지느러미가 있고 수중에서 아가미로 호흡함 척추동물의 한강(예 : 가자미, 송어등)
30. 갑 각 류	절지동물의 한강, 대개 물속에 살며 딱딱한 등딱지로 덮였음 (예 : 게, 가재, 새우등)
31. 연체동물	동물의 한문, 뼈가 없고 부드러우며 근육이 풍부함. 모두 유성생식이고 대부분 수서동물임
32. 패 류	조개의 종류로 이매패류와 권패류로 대별됨(예 : 굴류, 고막류, 전복류, 고동류 등)
33. 해 조 류	바다 속에 나는 조류의 총칭이며 빛에 따라 녹조, 갈조, 홍조로 구별함 (예 : 미역, 김 등)
34. 기타수산동물	어류, 갑각류, 연체동물, 패류, 해조류를 제외한 수산동물 (예 : 우렁쉥이, 미더덕 등)
35. 표본어가	조사대상 전체에 대한 조사를 하는 대신 그 일부에 대한 조사를 함으로써 전체에 대한 정보를 추출할 수 있도록 계획. 선정된 어가
36. 어가소득	어업소득과 어업외소득(농업소득, 기타겸업소득, 사업이외소득, 이전수입)을 합한 금액
37. 어업조수입	어가가 당해연도에 어업을 경영한 결과로써 얻은 총수입으로서 수산물의 판매수입, 현물지출분평가액, 수산물의 자가소비평가액, 수산물채고 증감액을 합한 총액
38. 어업경영비	어업조수입을 획득하는데 소요된 일체의 소모적 비용을 말하는 것으로 현금어업지출, 어업지출현물평가액, 어업용고정자산의 감가상각액, 어업생산자재 재고평가액을 합한 총액
39. 어업소득	어업조수입에서 어업경영비를 차감한 잔여액으로서 어가의 어업활동의 성과
40. 어업외소득	농업소득, 기타겸업소득, 사업이외소득, 이전수입(비경상소득 포함)을 합한 금액
41. 이전수입	어가가 비경제활동에서 얻은 수입으로서 사례금, 송금보조, 피증보조, 퇴직금 및 피해보상 등의 합계액

용 어	해 설
42. 사업이외수입	어업수입, 어업외사업수입(농업수입, 기타겸업수입)이외의 수입 무임노동의 대가로서의 노임. 급료. 수당 등의 수입, 지대. 임대료. 배당이자 등의 재산이용수입, 가계폐품 등을 매각하여 얻은 가사잡수입
43. 어가경제잉여	가처분소득에서 가계비 및 분가지출을 차감한 잔액으로서, 연간 어가의 어업생산활동 및 어업외소득활동 결과로부터 얻은 잉여를 말하며 플러스인 경우는 어가경제 흑자, 마이너스인 경우는 어가경제 적자를 의미
44. 어업의존도	어가소득중 어느정도 어업소득에 의존하고 있는지를 나타내는 지표 (어업의존도(%) = 어업소득 ÷ 어가소득 × 100)
45. 어업소득율	어업소득이 어업조수입에서 차지하는 정도를 나타내는 지표 (어업소득율(%) = 어업소득 ÷ 어업조수입 × 100)
46. 가계비충족도	어업소득이 가계비를 조달해 주는 정도를 나타내는 지표 (가계비충족도(%) = 어업소득 ÷ 가계비 × 100)
47. 고정자산	1회의 사용으로 그 가치 전부가 소모되지 않고 용역편익을 수년도에 걸쳐 ` 제공하는 자산이며, 이 기간을 내용년수라 하고, 고정자산에는 어업경영의 생산수단으로 사용한 토지, 건물, 대어구, 대농구, 대동물, 대식물이 해당 되는데, 토지는 그 내용년수가 영구함으로 감가상각을 하지 않음
48. 유동자산	처분하기가 쉽고 유동성이 높으며, 그의 용역 편익제공이 보통 1회에 한하는 자산을 말하며, 어망.로프.부자 등 어로용 자산, 연승.뗏목 등 양식용 자산, 농업용 재고생산자재, 소동물, 재고농산물이 해당됨
49. 유통자산	필요에 따라 언제라도 다른 자산을 구입할 수 있고 채무를 상환할 수 있는 자산으로서 어가가 보유하고 있는 현금, 예저금, 대부금, 보험금, 유가증권, 계(契), 미수입금 등이 해당
50. 소 건 품	생것을 그냥 또는 수세 후 패류는 탈각 후 건조시킨 것
51. 자 건 품	찌거나 삶은 후 건조시킨 것
52. 염 신 품	어패류에 식염을 가하여 숙성 발효시킨 것갈
53. 한 천	홍조류중의 한천성분(다당류)을 물리적 또는 화학적 방법에 의하여 추출· 응고·건조시켜 만든 제품
54. 조미가공품	가공공정에 있어 간장, 설탕, 된장 등의 조미료를 넣은 것 또는 구운 것 (해조류, 조미, 가공품인 김부각, 건포, 튀김 등)
55. 어 유 분	어패류의 수산동물을 원료로 하여 채취한 기름(조제간유포함) 및 사료 또는 비료에 공할 목적으로 그냥 또는 찌 다음 건조 분쇄시킨 것

3. 지정항만의 명칭·위치 및 구역

Name, Location and Local Jurisdiction of designated ports

【 무역항 】

항명	위치	해상구역	육상구역
부산항	부산광역시 및 경상남도 진해시	진해시 명동 신명 남단을 기점으로 하여 우도 남동단, 연도 서남단, 가덕도 천수말서단, 가덕도 남단, 생도 남단, 오륙도 남단, 동백섬 57미터 산정 및 광안리 해수욕장 남측 끝단(북위 35도08분34초 동경 129도07분13초)지점을 연결한 선내의 해면 중 다음을 제외한 해면 1. 북위 35도05분36초 동경 129도02분19초지점에서 진북 164도 방향으로 그은 선(영도대교) 및 부민동 남단과 절영도 대봉포를 연결한 선내의 해면 2. 선가대(부산광역시 사하구 다대1동 375-16번지 해양경찰청 함정수리창내) 기부로부터 정서쪽으로 136미터 떨어진 해상점을 중심으로 하여 건너편 산(부산광역시 사하구 다대동 368번지)정점을 연결하는 일직선상에 있는 육지부와 만나는 지점 내의 해면	해양수산부장관이 관할 시·도지사와 협의한 후 항만정책심의회 의 심의를 거쳐 지정 고시한 구역
인천항	인천광역시	북위 37도33분38초 동경 126도35분36초(고침도 남단)지점과 북위 37도31분54초 동경 126도31분00초(영종도 북단)지점을 연결한 선과 팔미도 등대에서 진방위00도로 그은 선이 영종도와 마주치는 선, 팔미도 등대로부터 북위 37도17분28초 동경 126도31분45초(변도 서방끝단)로부터 북위 37도17분09초 동경 126도32분06초(대부도 서북단 타구봉 끝단)를 이은 선 내의 해면	
평택·당진항	경기도 평택시, 충청남도 아산시 및 당진군	경기도 화성시 우정읍 고온리(북위 37도01분55초 동경 126도44분58초지점)와 충청남도 당진군 송산면 성구미리 동단(북위 36도59분44초 동경 126도42분12초)을 연결한 선 내의 해면. 다만, 남양호, 아산호, 삼교호는 제외한다.	

항 명	위 치	해 상 구 역	육상구역
마 산 항	경상남도 마산시	마산시 덕동동 상대말(북위 35도08분25초 동경 128도35분59초)과 진해시 동도(북위 35도08분43초 동경 128도36분44초)를 연결한 선 이북의 해면	
통 영 항	경상남도 통영시	당산리 돌단과 당동리 남단(동경 128도24분27초)을 연결한 선내의 해면 및 전송말(북위 34도49분23초 동경 128도26분37초)에서 매일봉(북위 34도50분31초 동경 128도27분01초)동남으로 그 은 선 내의 해면	
삼천포항	경상남도 사천시	사천시 대방동 남방지점(북위 34도55분34초 동경 128도03분27초)에서 장구도 북단, 신수도 북단, 추도 북단, 신수도 최동단 돌출부(북위 34도53분40초 동경 128도05분11초), 삼천포외항 방파제 서단(북위 34도53분49초 동경 128도06분17초)과 외항 방파제 동단(북위 34도53분59초 동경 128도07분03초) 및 고성군 하이면 덕호리(북위 34도54분05초 동경 128도07분12초)를 순차적으로 연결한 선 내의 해면	
장승포항	경상남도 거제시	호엄산 202미터 산정과 동북방향 북위 34도51분37초 동경 128도44분16초 지점을 연결한 선 내의 해면	
진 해 항	경상남도 진해시	고출산 산정(북위 35도07분28초 동경 128도40분25초)에서 마당서(북위 35도06분11초 동경 128도40분57초) 및 대일산 서단(북위 35도06분01초 동경 128도41분25초)을 순차적으로 연결한 선 내의 해면	
옥 포 항	경상남도 거제시	능포리 북위 34도53분18초 동경 128도44분06초 지점과 팔량포 북위 34도53분57초 동경 128도43분10초 지점을 연결한 선내의 해면	
고 현 항	경상남도 거제시	중촌돌단(북위 34도55분58초 동경 128도36분40초지점)에서 열녀봉 삼각점(△)(북위 34도56분26초 동경 128도35분25초지점)과 사두도 북단(북위 34도54분43초 동경 128도33분58초)지점 및 사곡곶(북위 34도54분14초 동경 128도34분22초)지점을 차례로 연결한 선 내의 해면	

항 명	위 치	해 상 구 역	육상구역
동 해 항	강원도 동해시	동해시 냉천 동단에서 북위 37도31분00초 동경 129도10분30초와 북위 37도28분44초 동경 129도10분30초 및 동해항 남쪽호안 끝단을 순차적으로 연결한 선 내의 해면	
묵 호 항	강원도 동해시	어달동 오도 동방 북위 37도33분12초 동경 129도07분25초에서 진방위 90도로 1,350미터지점과, 북위 37도32분00초 동경 129도07분02초에서 진방위 90도로 1,900미터지점을 각각 연결한 선 내의 해면	
속 초 항	강원도 속초시	속초시 동북방 삼각점(△) 36지점(북위 38도12분38초 동경 128도36분09초)으로부터 조도 동단을 거쳐 그은 선 내의 해면과 조도 남단에서 북위 38도11분25초5 동경 128도36분15초5를 연결한 선 내의 해면	
삼 척 항	강원도 삼척시	북위 37도25분52초 동경 129도11분34초지점에서 삼척시 오분동 고성산 산정 97미터, 북위 37도25분40초 동경 129도12분15초 지점 및 북위 37도26분05초 동경 129도11분42초 지점을 순차적으로 연결한 선 내의 해면	
옥 계 항	강원도 강릉시	주수천 하구의 북방파제 서단에서 진방위 65도 연장선상 2,550미터 지점, 진방위 90도로 북위 37도38분00초 동경 129도05분30초지점, 용바위 남단으로부터 진방위 90도로 북위 37도36분48초 동경 129도05분30초 지점을 순차적으로 연결한 선 내의 해면	
울 산 항	울산광역시	동대산 삼각점(△) 116지점에서 남방 173도 1,730미터 지점(동경 129도25분01초 북위 35도28분29초)과 북위 35도25분33초 동경 129도28분00초 지점, 북위 35도24분00초 동경 129도28분00초 지점, 북위 35도24분00초 동경 129도21분22초 지점을 순차적으로 연결한 해안선까지의 선 내의 수면과 돌안산 최동단 북위 35도30분48초 동경 129도26분55초 지점을 중심으로 한 반경 2천미터 원 내의 해면	

항 명	위 치	해 상 구 역	육상구역
군 산 항	전라북도 군산시	전라북도 군산시 구포산정 30미터지점에서 소치 곳을 연결한 선과 장항항 항계선을 거쳐 전망산 산정 180미터, 북위 35도59분56초 동경 126도26 분00초 지점, 북위 35도52분47초 동경 126도26분 00초 지점, 북위 35도52분47초 동경 126도30분45 초 지점(새만금제방)을 순차적으로 연결한 선 내 의 해면	
장 항 항	충청남도 서천군	소치곳과 전망산정을 연결한 선 이북의 해면	
보 령 항	충청남도 보령시	면화박골 서단(북위 36도27분04초 동경 126도29분 20초)에서 월도 동단(북위 36도24분26초 동경 126 도28분18초), 원산도 도투머리 산정을 거쳐 북위 36도18분58초 동경 126도26분59초의 지점과 보령 시 신축동 서단(북위 36도19분18초 동경 126도30 분11초) 및 송도 서단(북위 36도22분57초 동경 126도28분53초)을 거쳐 오천국교 서단(북위 36도 26분07초 동경 126도31분08초)까지 해안선과 혜독 동 동단(북위 36도26분14초 동경 126도30분52초) 을 순차적으로 연결한 선 내의 해면	
대 산 항	충청남도 서산시	대죽리 삼길산 북측 북위 37도00분14초 동경 126 도27분04초 지점에서 다음 지점을 순차적으로 연 결한 선 내의 해면 가. 대조도 남단 북위 37도00분42초 동경 126도 27분17초 나. 대조도 북단 북위 37도00분58초 동경 126도 27분17초 다. 비경도 동남측 북위 37도01분06초 동경 126 도26분02초 라. 비경도 서단 북측 북위 37도01분18초 동경 126도25분27초 마. 철도 남단 북위 37도02분55초 동경 126도24 분48초 바. 북위 37도03분02초 동경 126도22분53초 사. 북위 37도01분42초 동경 126도18분42초 아. 장안퇴 암초 북위 37도00분27초 동경 126도 16분04초 자. 만대 북단 북위 36도58분33초 동경 126도18 분24초 차. 자각산 서단 북위 36도58분15초 동경 126도 20분14초	

항 명	위 치	해 상 구 역	육상구역
태 안 항	충청남도 태안군	<p>방갈리 북측 북위 36도54분09초 동경 126도13분29초의 지점에서 다음 지점을 순차적으로 연결한 선 내의 해면</p> <p>가. 북위 36도54분16초 동경 126도11분52초</p> <p>나. 북위 36도53분40초 동경 126도10분56초</p> <p>다. 북위 36도55분24초 동경 126도12분49초</p> <p>라. 북위 36도55분16초 동경 126도14분41초</p> <p>마. 북위 36도54분38초 동경 126도15분12초</p>	
목 포 항	전라남도 목포시	<p>영암방조제 및 영산강하구둑과 목포시 산정동 목도 돌출부 남서단 북위 34도48분40초 동경 126도22분19초 지점에서 다음 지점을 순차적으로 연결한 선 내의 해면</p> <p>가. 정주도 남단 북위 34도48분37초 동경 126도21분41초</p> <p>나. 구례도 남단 북위 34도48분14초 동경 126도21분10초</p> <p>다. 장좌도 동북단 북위 34도47분30초 동경 126도20분33초</p> <p>라. 장좌도 동남단 북위 34도46분44초 동경 126도20분27초</p> <p>마. 달리도 동남단 북위 34도45분23초 동경 126도19분13초</p> <p>바. 해남군 화원면 양화리 돌출부 북단 북위 34도44분50초 동경 126도19분09초</p> <p>사. 해남군 산이면 달도 북단 북위 34도42분41초 동경 126도22분50초</p>	
완 도 항	전라남도 완도군	<p>신지도 상산산정과 동망봉산정을 연결한 선 및 신지도 장항곶 서산에서 가미구미 동측 돌단을 연결한 선 내의 해면</p>	
여 수 항	전라남도 여수시	<p>여수시 봉산동 북위 34도43분38초 동경 127도44분05초 지점에서 우두리 조선봉, 오동도 동단을 거쳐 북북동 30도 방향으로 1,500미터까지 이은 지점 및 마래산정을 연결한 선 내의 해면</p>	

항 명	위 치	해 상 구 역	육상구역
광 양 항	전라남도 광양시, 여수시 및 순천시	전라남도 여수시 한구미 동단(북위 34도50분02초 동경 127도46분32초)에서 북위 34도50분42초 동경 127도48분30초 지점, 북위 34도51분18초 동경 127도48분26초 지점, 북위 34도52분00초 동경 127도48분44초 지점 및 북위 34도54분45초 동경 127도48분57초 및 태인도 동남단(북위 34도56분31초 동경 127도46분05초)을 연결하는 선, 태인 연륙교(북위 34도55분50초 동경 127도44분57초 및 북위 34도55분43초 동경 127도44분57초), 광양만철교(북위 34도55분30초 동경 127도42분23초 및 북위 34도55분42초 동경 127도42분05초), 광양시 초남(북위 34도55분10초 동경 127도36분45초)에서 광양시 세풍리 남단(북위 34도55분24초 동경 127도36분03초)을 순차적으로 연결한 선 내의 해면	
포 항 항	경상북도 포항시	용한리 동단(북위 36도07분05초 동경 129도25분07초)에서 북위 36도07분05초 동경 129도29분53초 지점을 거쳐 슬미 북위 36도01분13초 동경 129도29분53초 지점을 순차적으로 연결한 선 내의 해면	
제 주 항	제주도 제주시	서방파제 기점에서 북위 33도31분10초 동경 126도31분47초 지점, 북위 33도31분47초 동경 126도32분28초 지점, 북위 33도31분48초 동경 126도33분51초 지점과 곤을동 북단을 순차적으로 연결한 선 내의 해면	
서귀포항	제주도 서귀포시	삼해봉 남동단 해안선(북위 33도14분08초 동경 126도33분27초)에서 북위 33도13분59초 동경 126도33분25초 지점, 북위 33도13분40초 동경 126도33분47초 지점, 북위 33도13분40초 동경 126도34분08초 지점, 북위 33도13분56초 동경 126도34분29초 지점, 북위 34도14분15초 동경 126도34분06초 지점을 순차적으로 연결한 선 내의 해면과 북위 33도 14분27초 동경 126도25분06초 지점, 북위 33도14분19초 동경 126도24분59초 지점, 북위 33도14분19초 동경 126도25분06초 지점, 북위 33도14분19초 동경 126도25분09초 지점, 북위 33도14분23초 동경 126도25분14초 지점을 순차적으로 연결한 선 내의 해면	

【 연 안 항 】

항 명	위 치	해 상 구 역	육상구역
부산남항	부산광역시	북위 35도05분36초 동경 129도02분19초 지점에서 진북 164도 방향으로 그은 선(영도대교) 및 부민동 남단과 절영도 대봉포를 연결한 선 내의 해면	해양수산부 장관이 관할 시·도지사와 협의한 후 항만정책심의회 심의를 거쳐 지정·고시한 구역
연평도항	인천광역시 옹진군 송림면	당도정점에서 책도정점을 연결한 선과 책도정점에서 정서로 그은 선 내의 해면	
용기포항	인천광역시 옹진군 백령면	북위 37도57분17초 동경 124도44분53초(용기원산동단)지점에서 북위 37도56분36초 동경 124도44분13초 지점과 북위 37도57분01초 동경 124도43분27초(사곶해안) 지점을 순차적으로 연결한 선 내의 해면	
주문진항	강원도 강릉시 주문진읍	주문진리 동단에서 정남으로 그은 선 내의 해면	
대 천 항	충청남도 보령시	송도 서단(북위 36도22분57초 동경 126도28분53초)과 신희동 서단(북위 36도19분18초 동경 126도30분11초)을 연결한 선 내의 해면	
거문도항	전라남도 여수시 삼산면	내장도에서 정서로 그은 선, 동도에서 정북으로 그은 선과 동선상의 고도 최북단과 덕촌리 북동쪽 돌출부를 연결한 선 내의 해면	
나로도항	전라남도 고흥군 봉래면	예도 최남단으로부터 정남에서 15도 동으로 그은 선과 예도 최북단과 본도 돌출부를 연결한 선 내의 해면	
대 흑 산 도 항	전라남도 신안군 흑산면	남방과제 기점에서 외영산도 동단, 내영산도 최북단을 거쳐 읍동 북동단을 연결한 선 내의 해면	
홍 도 항	전라남도 신안군 흑산면 홍도리	북위 34도40분18초 동경 125도11분43초지점과 북위 34도40분43초 동경 125도12분07초 지점을 연결한 선 내의 해면	
팽 목 항	전라남도 진도군 임회면	북위 34도22분22초 동경 126도08분21초 지점에서 북위 34도22분31초 동경 126도07분40초 지점, 북위 34도21분47초 동경 126도07분35초 지점, 북위 34도21분45초 동경 126도07분52초 지점, 북위 34도21분58.5초 동경 126도08분01초 지점 및 북위 34도21분52초 동경 126도08분15초 지점을 순차적으로 연결한 선 내의 해면	

항 명	위 치	해 상 구 역	육상구역
신 마 항	전라남도 강진군 마량면	북위 34도26분45초 동경 126도49분33.5초 지점에서 북위 34도26분30초 동경 126도49분33.5초 지점, 북위 34도26분30초 동경 126도50분30초 지점 및 북위 34도26분46초 동경 126도50분30초 지점을 순차적으로 연결한 선 내의 해면	
흥포항	전라남도 완도군	북위 34도18분50초 동경 126도40분17초지점에서 북위 34도18분33초 동경 126도39분46초지점, 북위 34도17분49초 동경 126도40분21초지점 및 북위 34도18분04초 동경 126도40분51초지점을 순차적으로 연결한 선내의 해면	
구룡포항	경상북도 포항시 구룡포읍	사라말과 병포리 북돌단을 연결한 선 내의 해면	
후 포 항	경상북도 울진군 후포면	동방파제 기점으로부터 선단방향으로 그은 선과 동선상의 동 기점으로부터 1,000미터 지점에서 90도로 북서쪽 육지를 향하여 그은 선 내의 해면	
울릉항	경상북도 울릉군	가두봉 남단에서 살구남 동단을 직선으로 이은 선 내의 해면	
한림항	제주도 북제주군 한림읍	수원리 돌각 제1삼각점으로부터 남서로 그은 선과 옹포리 제4삼각점으로부터 북서로 그은 선내의 해면(다만, 한림항교 이내의 해면은 제외한다)	
화순항	제주도 남제주군 안덕면	용머리 전면(북위 33도13분46초 동경 126도19분03초)에서 북위 33도13분32초 동경 126도19분03초 지점, 북위 33도13분30초 동경 126도19분42초 지점, 북위 33도13분40초 동경 126도20분15초 지점, 북위 33도13분55초 동경 126도20분20초 지점을 순차적으로 연결한 선 내의 해면	
성산포항	제주도 남제주군 성산읍	서방파제 기점에서 북위 33도28분42초 동경 126도55분50초 지점과 북위 33도 28분40초 동경 126도56분28초의 지점 및 동방파제 기점을 차례로 연결한 선 내의 해면(다만, 갑문교 이내의 해면은 제외한다)	

항 명	위 치	해 상 구 역	육상구역
애 월 항	제주도 북제주군 애월읍	서방파제 기점으로부터 북위 33도28분01초 동경 126도19분47초의 지점과 북위 33도27분57초 동경 126도19분50초의 지점을 연결한 선 내의 해면	
추 자 항	제주도 북제주군 추자면	상추자도 대서리 북위 33도57분34초 동경 126도18분05초 지점에서 북위 33도57분34초 동경 126도18분33초 지점, 북위 33도57분24초 동경 126도18분40초 지점 및 북위 33도57분18초 동경 126도18분14초 지점을 순차적으로 연결한 선 내와 하추자도 예초리 북위 33도57분10초 동경 126도20분05초 지점에서 북위 33도57분22초 동경 126도19분51초 지점, 북위 33도57분20초 동경 126도19분41초 지점 및 북위 33도56분55초 동경 126도19분38초 지점을 순차적으로 연결한 선 내의 해면	
녹동신항	전라남도 고흥군 도양읍	고흥군 도양읍 소록도 동측 돌출부로부터 정동으로 250미터 지점(해상)에서 정북으로 육지와 연결하고, 동 지점에서 고흥군 도양읍 봉암리 동측 돌출부 정상을 연결하는 선 내의 해면	
비 인 항	충청남도 서천군 서면	마량리 남단과 신탐리 남단에서 정남으로 각각 1,000미터의 점을 서로 연결한 선과 동선의 서남단으로부터 마량리 및 신탐리의 남단을 연결한 선 내의 해면	
갈 두 항	전라남도 해남군 송지면	북위 34도17분46초 동경 126도31분50초지점에서 북위 34도17분46초 동경 126도32분39초지점, 북위 34도18분00초 동경 126도32분39초지점을 순차적으로 연결한 선내의 해면	
송 공 항	전라남도 신안군 압해면	북위 34도50분43초 동경 126도13분48초지점에서 북위 34도50분43초 동경 126도13분33초지점, 북위 34도50분50초 동경 126도13분02초지점, 북위 34도50분10초 동경 126도13분02초지점, 북위 34도50분10초 동경 126도15분00초지점, 북위 34도50분30초 동경 126도15분00초의 지점을 순차적으로 연결한 선내의 해면	

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