

SHIPBUILDING STATISTICS

SEPTEMBER, 2009



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1. WORLD NEW ORDERS

Year Country	2003			2004			2005			2006			2007			2008			2009 1st H		
	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)
Japan	631	23,626	31.9	680	28,860	37.4	536	16,502	27.5	653	22,557	22.6	606	20,667	12.5	510	14,499	16.8	114	3,263	57.4
S. Korea	577	32,399	43.8	513	24,976	32.4	450	21,609	36.0	699	38,109	38.3	1,231	67,962	41.2	557	34,941	40.5	20	949	16.7
Belgium	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Denmark	7	500	0.7	11	1,089	1.4	6	594	1.0	1	0	0.0	15	720	0.4	4	238	0.3	1	0	0.0
France	24	144	0.2	3	267	0.3	5	262	0.4	12	395	0.4	9	102	0.1	3	186	0.2	3	3	0.1
Germany	77	1,758	2.4	74	1,468	1.9	144	2,669	4.4	74	1,432	1.4	61	1,196	0.7	34	610	0.7	0	0	0.0
Greece	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	8	0.0	0	0	0.0
Italy	29	337	0.5	27	1,038	1.3	39	1,058	1.8	31	354	0.4	46	977	0.6	4	23	0.0	0	0	0.0
Netherlands	47	143	0.2	96	309	0.4	126	305	0.5	126	344	0.3	112	245	0.1	35	167	0.2	1	0	0.0
U.K.	9	4	0.0	4	3	0.0	4	1	0.0	2	1	0.0	0	0	0.0	1	0	0.0	1	0	0.0
Finland	2	140	0.2	4	247	0.3	9	465	0.8	4	495	0.5	2	46	0.0	4	98	0.1	0	0	0.0
Norway	8	20	0.0	13	52	0.1	28	118	0.2	80	283	0.3	48	266	0.2	13	45	0.1	8	29	0.5
Sweden	2	1	0.0	0	0	0.0	0	0	0.0	1	10	0.0	0	0	0.0	2	24	0.0	0	0	0.0
Spain	78	75	0.1	83	133	0.2	66	367	0.6	86	412	0.4	69	288	0.2	40	197	0.2	4	18	0.3
Portugal	1	11	0.0	0	0	0.0	4	29	0.0	4	32	0.0	2	0	0.0	0	0	0.0	0	0	0.0
Europe total	284	3,133	4.2	315	4,606	6.0	431	5,868	9.8	421	3,757	3.8	364	3,841	2.3	141	1,597	1.8	18	50	0.9
Brazil	16	36	0.0	7	39	0.1	8	24	0.0	8	100	0.1	17	504	0.3	31	480	0.6	1	3	0.1
Poland	42	722	1.0	64	1,044	1.4	59	615	1.0	49	631	0.6	38	146	0.1	31	29	0.0	7	1	0.0
Singapore	43	60	0.1	52	162	0.2	64	120	0.2	46	90	0.1	31	88	0.1	21	121	0.1	4	2	0.0
China P.R.	367	10,650	14.4	480	10,974	14.2	517	10,621	17.7	1,106	27,352	27.5	1,698	58,012	35.2	949	28,859	33.4	65	680	12.0
Taiwan	34	1,654	2.2	32	1,297	1.7	18	453	0.8	20	832	0.8	27	1,218	0.7	5	237	0.3	2	55	1.0
U.S.A.	12	13	0.0	33	56	0.1	48	346	0.6	94	384	0.4	40	46	0.0	25	27	0.0	7	73	1.3
Croatia	20	516	0.7	51	1,595	2.1	9	361	0.6	14	275	0.3	26	613	0.4	12	238	0.3	3	84	1.5
Others	278	1,191	1.6	477	3,591	4.7	556	3,481	5.8	718	5,513	5.5	773	11,736	7.1	645	5,330	6.2	73	525	9.2
Sub total	812	14,842	20.1	1,196	18,758	24.3	1,279	16,021	26.7	2,055	35,177	35.3	2,650	72,362	43.9	1,719	35,321	40.9	162	1,423	25.0
World Total	2,304	74,000	100.0	2,704	77,200	100.0	2,696	60,000	100.0	3,828	99,600	100.0	4,851	164,833	100.0	2,927	86,358	100.0	314	5,686	100.0

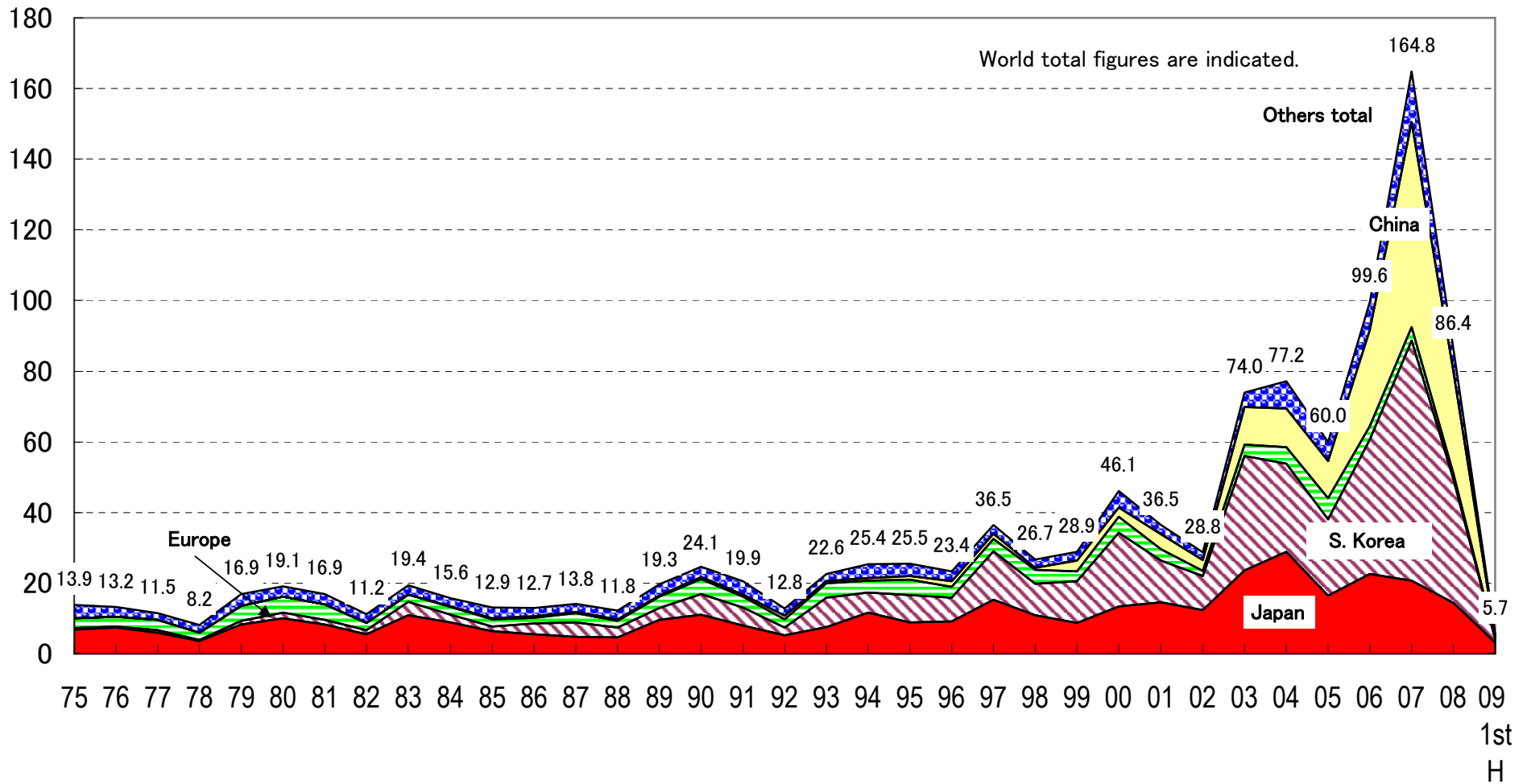
(Note) 1. Data Source : Lloyd's Register "World Shipbuilding Statistics".

2. Ship Size Coverage : 100 Gross Tonnage and over.

3. Europe total=Former AWES(present CESA) countries. Excludes Poland (member from '95) , Rumania ('00), Croatia('02), Lithuania & Bulgaria('09) for comparisons with former periods.

Fig 1. WORLD NEW ORDERS

Million GT



(Note) 1. Data Source : JSEA report based on LR until 1994. Lloyd's Register "World Shipbuilding Statistics" from 1995.
 2. Ship Size Coverage : 100 Gross Tonnage and over.

2. WORLD COMPLETIONS

Year Country	2003			2004			2005			2006			2007			2008			2009 1st H		
	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)
Japan	405	12,688	35.1	430	14,515	36.1	469	16,434	35.0	534	18,176	34.9	543	17,525	30.6	562	18,656	27.6	286	10,051	25.1
S. Korea	255	13,683	37.9	282	14,768	36.8	326	17,689	37.7	377	18,717	35.9	430	20,593	35.9	520	26,379	39.0	289	15,957	39.9
Belgium	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	3	0.0	0	0	0.0	0	0	0.0
Denmark	7	379	1.1	5	290	0.7	7	493	1.0	5	538	1.0	6	855	1.5	7	566	0.8	4	226	0.6
France	11	373	1.0	16	63	0.2	8	42	0.1	6	241	0.5	8	191	0.3	4	232	0.3	7	8	0.0
Germany	49	905	2.5	54	958	2.4	67	1,236	2.6	59	1,257	2.4	70	1,362	2.4	70	1,350	2.0	26	416	1.0
Greece	0	0	0.0	3	9	0.0	1	8	0.0	1	2	0.0	1	16	0.0	3	2	0.0	4	6	0.0
Italy	28	664	1.8	22	599	1.5	18	356	0.8	22	519	1.0	26	716	1.2	24	700	1.0	14	305	0.8
Netherlands	50	173	0.5	76	212	0.5	72	170	0.4	91	187	0.4	56	194	0.3	43	140	0.2	18	49	0.1
U.K.	13	33	0.1	7	2	0.0	8	3	0.0	4	3	0.0	3	1	0.0	6	2	0.0	1	0	0.0
Finland	2	224	0.6	4	237	0.6	1	7	0.0	4	227	0.4	4	288	0.5	5	308	0.5	2	78	0.2
Norway	19	96	0.3	3	5	0.0	10	10	0.0	16	24	0.0	17	60	0.1	18	71	0.1	8	20	0.1
Sweden	1	16	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	8	0.0	2	19	0.0	0	0	0.0
Spain	89	364	1.0	76	309	0.8	77	94	0.2	43	99	0.2	70	233	0.4	64	210	0.3	26	140	0.4
Portugal	6	32	0.1	6	30	0.1	4	22	0.0	5	15	0.0	5	28	0.0	2	16	0.0	4	23	0.1
Europe total	275	3,258	9.0	272	2,712	6.8	273	2,440	5.2	256	3,112	6.0	269	3,956	6.9	248	3,616	5.3	114	1,271	3.2
Brazil	6	13	0.0	17	28	0.1	12	25	0.1	11	30	0.1	16	31	0.1	24	48	0.1	11	50	0.1
Poland	29	412	1.1	42	606	1.5	55	787	1.7	57	838	1.6	60	587	1.0	63	672	1.0	30	309	0.8
Singapore	23	49	0.1	38	68	0.2	45	68	0.1	47	156	0.3	43	88	0.2	59	157	0.2	14	32	0.1
China P.R.	203	3,763	10.4	216	4,679	11.6	420	6,466	13.8	493	7,665	14.7	661	10,553	18.4	861	13,956	20.6	489	9,927	24.8
Taiwan	16	698	1.9	14	691	1.7	19	629	1.3	21	672	1.3	16	671	1.2	18	622	0.9	9	318	0.8
U.S.A.	51	308	0.9	63	289	0.7	46	431	0.9	58	283	0.5	66	162	0.3	109	165	0.2	44	170	0.4
Croatia	13	379	1.0	25	765	1.9	24	546	1.2	25	569	1.1	25	709	1.2	27	617	0.9	11	370	0.9
Others	264	880	2.4	330	1,050	2.6	440	1,454	3.1	568	1,900	3.6	653	2,444	4.3	751	2,801	4.1	410	1,572	3.9
Sub total	605	6,501	18.0	745	8,176	20.4	1,061	10,406	22.2	1,280	12,113	23.2	1,540	15,246	26.6	1,912	19,039	28.1	1,018	12,748	31.8
World Total	1,540	36,131	100.0	1,729	40,171	100.0	2,129	46,970	100.0	2,447	52,118	100.0	2,782	57,320	100.0	3,242	67,690	100.0	1,707	40,026	100.0

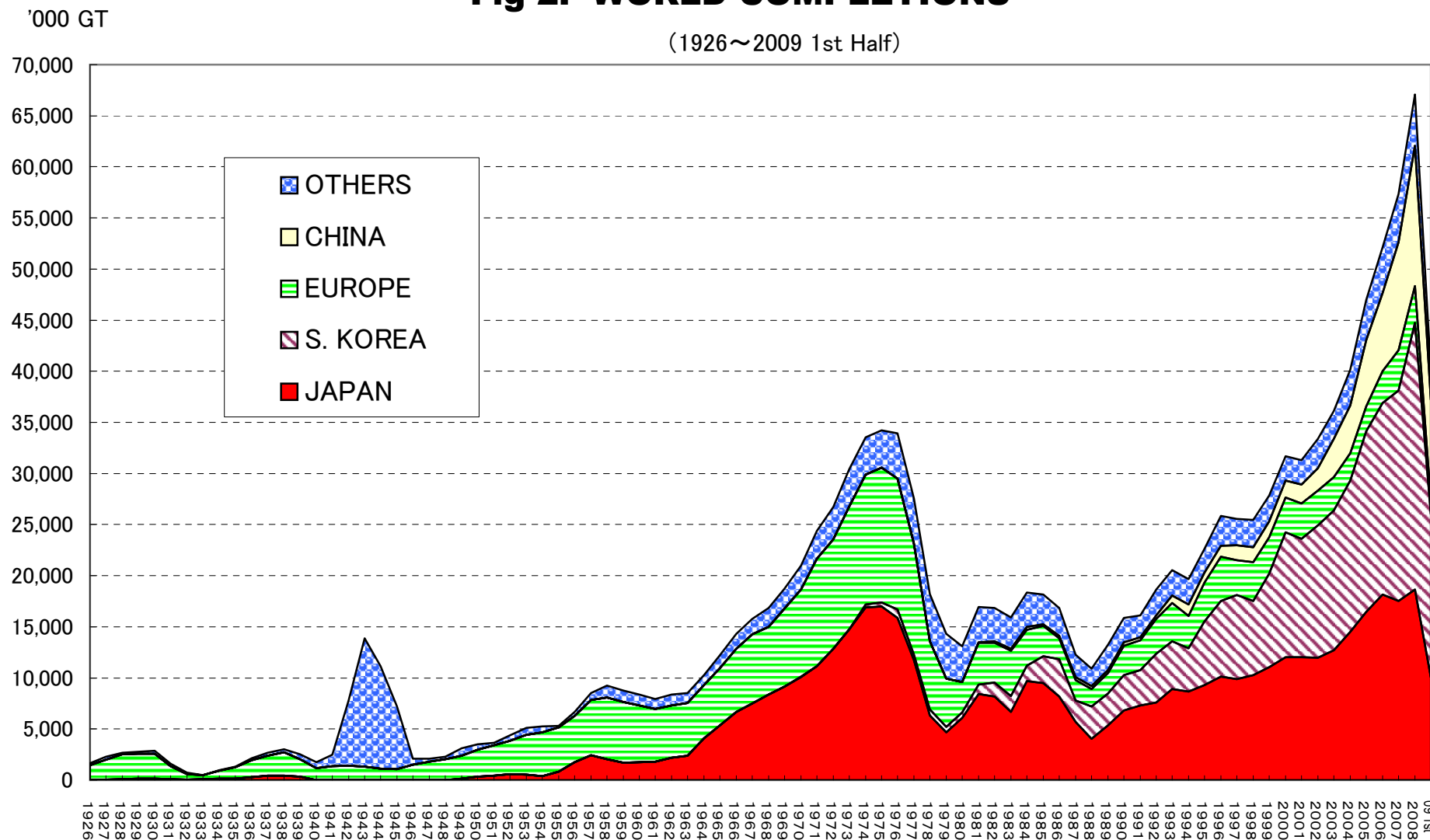
(Note) 1. Data Source : Lloyd's Register "World Fleet Statistics". 2009 1st Half "World Shipbuilding Statistics".

2. Ship Size Coverage : 100 Gross Tonnage and over.

3. Europe total=Former AWES(present CESA) countries. Excludes Poland (member from '95) , Rumania ('00), Croatia('02), Lithuania & Bulgaria('09) for comparisons with former periods.

Fig 2. WORLD COMPLETIONS

(1926~2009 1st Half)



(注) 1. Data Source : Lloyd's Register. Until 1967, launched base. After 1968, delivered base.

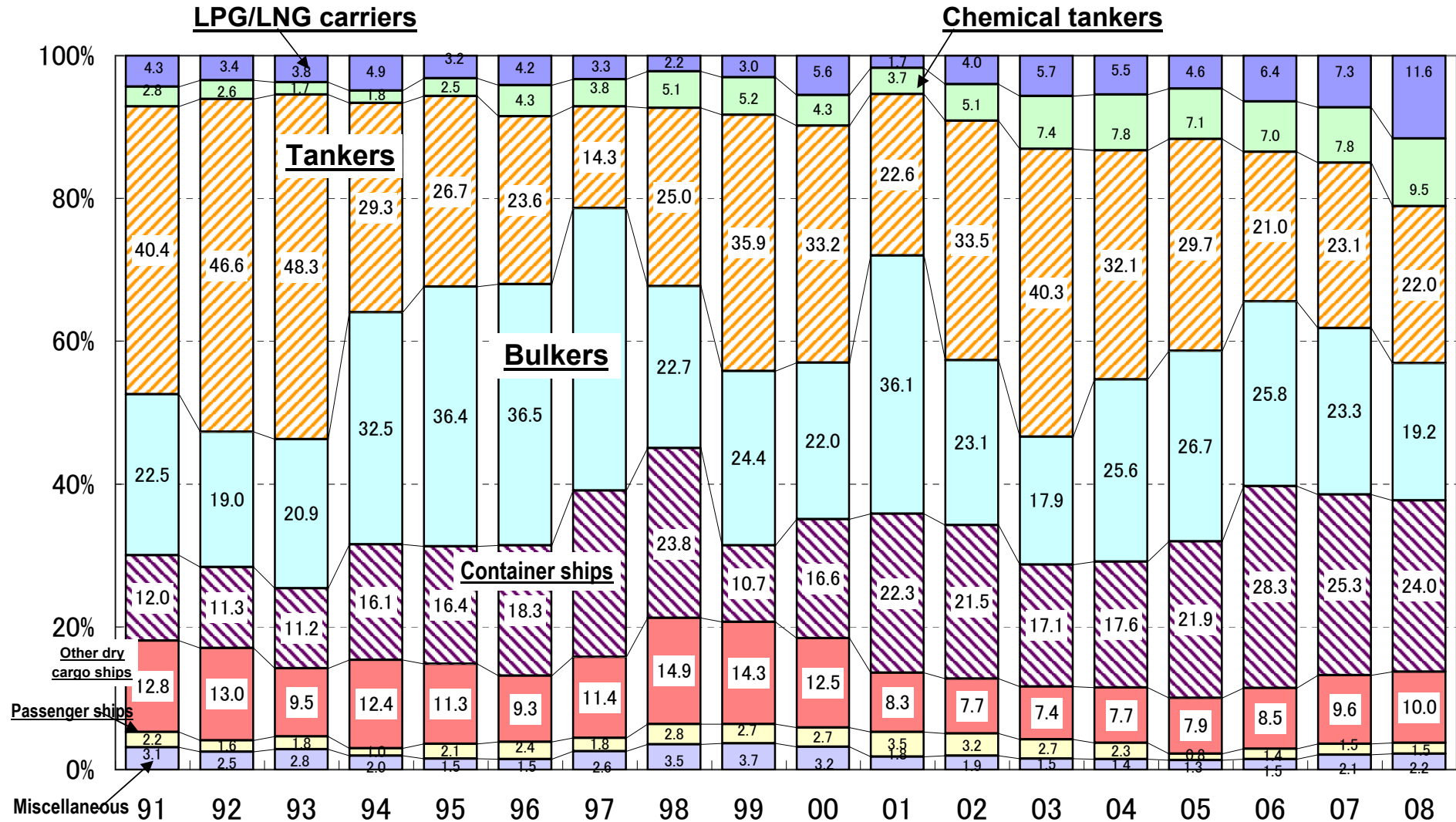
2. Ship Size Coverage : 100 GT and over.

3. WORLD COMPLETIONS BY SHIP TYPE

	1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008	
	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT		
LPG/LNG	55	729	45	648	32	771	23	963	44	727	57	1,077	35	845	40	555	39	840	43	1,761	33	539	34	1,343	46	2,055	40	2,206	33	2,177	68	3,360	93	4,159	134	7,884
Chemical	107	464	127	499	98	347	78	349	64	565	105	1,116	94	967	126	1,305	113	1,460	100	1,354	84	1,154	116	1,703	177	2,662	191	3,137	213	3,328	253	3,666	322	4,460	461	6,404
Tanker	183	6,785	246	8,823	315	9,922	224	5,768	194	6,037	159	6,085	96	3,651	130	6,359	171	9,995	151	10,514	115	7,080	157	11,194	248	14,568	241	12,880	262	13,932	239	10,926	271	13,251	289	14,889
Bulker	132	3,783	125	3,596	127	4,285	208	6,393	262	8,243	279	9,439	303	10,104	204	5,780	182	6,784	184	6,962	314	11,304	224	7,725	165	6,466	257	10,264	313	12,537	310	13,465	317	13,375	342	13,013
Container	83	2,015	87	2,139	100	2,305	146	3,170	160	3,721	203	4,721	248	5,936	254	6,056	128	2,986	154	5,270	186	6,978	200	7,167	174	6,194	174	7,069	266	10,276	362	14,753	395	14,495	428	16,226
Dry cargo	528	2,150	503	2,454	490	1,953	515	2,443	539	2,550	498	2,407	452	2,910	404	3,793	366	3,989	370	3,968	254	2,589	218	2,555	203	2,659	262	3,103	378	3,697	436	4,429	521	5,512	562	6,751
Passenger	99	365	98	299	107	373	104	200	105	469	77	611	103	467	69	716	77	741	61	858	63	1,089	52	1,061	42	978	47	939	39	399	31	753	52	859	44	1,040
Miscellaneous	790	519	736	470	655	582	595	384	664	341	721	381	756	659	727	900	753	1,026	736	1,009	504	559	538	635	485	549	517	574	625	625	748	766	791	1,207	982	1,483
World Total	1,977	16,810	1,967	18,928	1,924	20,538	1,893	19,669	2,032	22,652	2,099	25,837	2,087	25,537	1,954	25,464	1,829	27,822	1,799	31,696	1,553	31,292	1,539	33,383	1,540	36,131	1,729	40,171	2,129	46,970	2,447	52,118	2,762	57,320	3,242	67,690

- (Note)
1. Data Source : Lloyd's Register "World Fleet Statistics".
 2. Ship Size Coverage : 100 Gross Tonnage and over.
 3. "Dry cargo" includes vessels of General cargo, Pax/General, Reefer, RoRo, Pax/RoRo and Other dry cargo.
 4. "Miscellaneous" includes vessels of Fishing, Offshore, Research, Towing/Pushing, Dredging and Other activities.

Fig 3. SHIP TYPE SHARE OF WORLD COMPLETIONS



(Note) 1. Data Source : Lloyd's Register "World Fleet Statistics"
 2. Ship Size Coverage : 100 Gross Tonnage and over.

4. WORLD ORDERBOOK AT YEAR-END

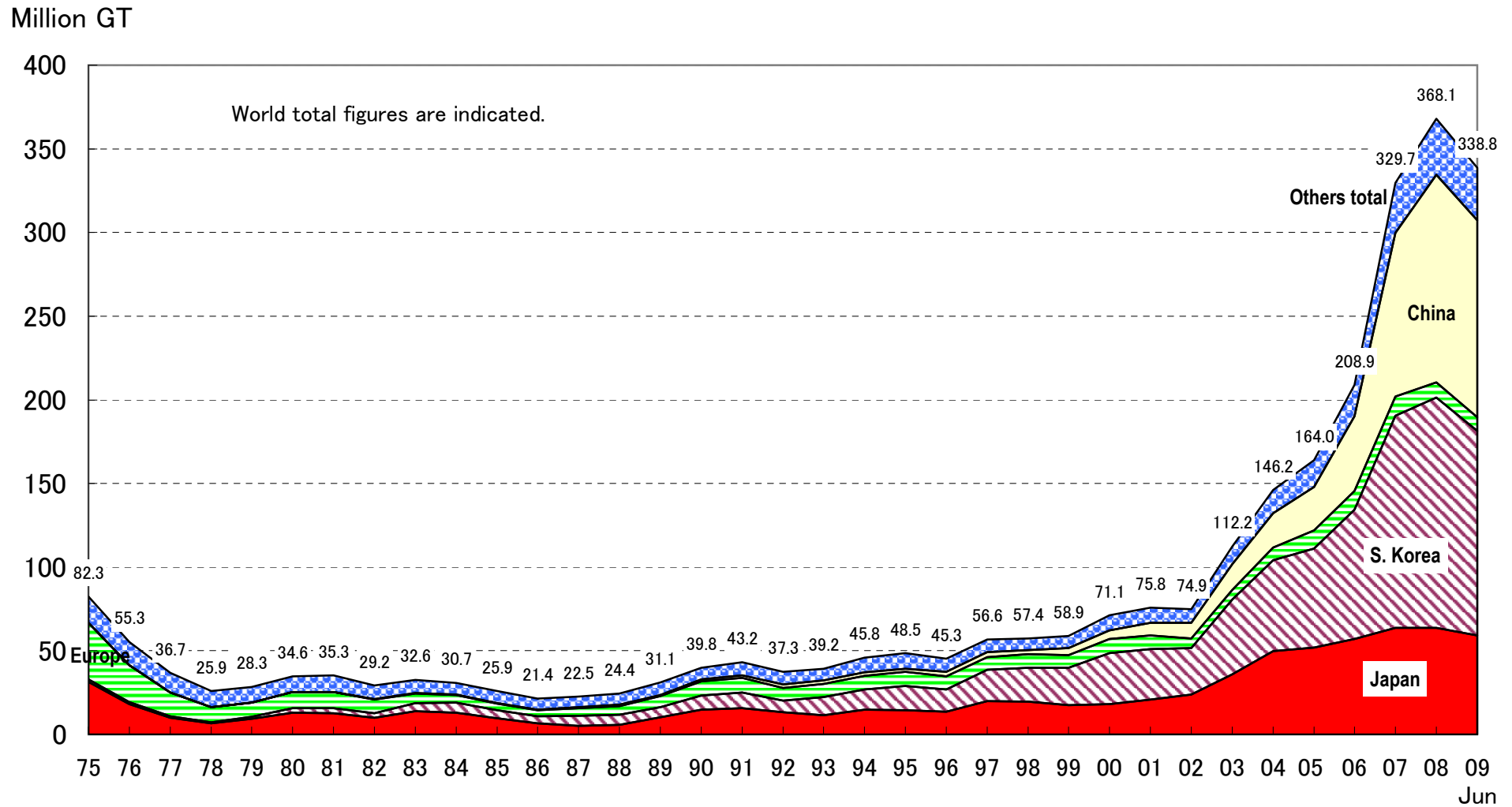
Country	Year	2003			2004			2005			2006			2007			2008			30 Jun '09		
		No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)	No.	'000GT	share(%)
Japan		853	35,956	32.0	1,065	49,708	34.0	1,168	51,871	31.6	1,313	56,933	27.3	1,495	63,814	19.4	1,607	63,641	17.3	1,472	59,176	17.5
S. Korea		783	44,752	39.9	1,015	54,355	37.2	1,140	59,282	36.1	1,413	77,265	37.0	2,242	126,531	38.4	2,303	137,596	37.4	2,021	122,243	36.1
Belgium		0	0	0.0	0	0	0.0	0	0	0.0	4	12	0.0	2	6	0.0	1	3	0.0	0	0	0.0
Denmark		10	626	0.6	16	1,487	1.0	16	1,584	1.0	11	1,424	0.7	23	1,462	0.4	21	1,148	0.3	14	742	0.2
France		22	251	0.2	12	454	0.3	11	676	0.4	15	851	0.4	20	763	0.2	13	723	0.2	9	574	0.2
Germany		86	1,989	1.8	117	2,700	1.8	187	4,085	2.5	199	4,151	2.0	203	4,165	1.3	181	3,568	1.0	141	2,863	0.8
Greece		4	20	0.0	1	2	0.0	1	16	0.0	2	17	0.0	3	20	0.0	4	7	0.0	4	4	0.0
Italy		75	1,524	1.4	78	1,815	1.2	91	2,239	1.4	96	2,175	1.0	118	2,570	0.8	98	1,747	0.5	89	2,190	0.6
Netherlands		153	318	0.3	171	457	0.3	233	614	0.4	232	622	0.3	253	741	0.2	100	516	0.1	88	488	0.1
U.K.		10	4	0.0	8	5	0.0	5	3	0.0	4	2	0.0	7	2	0.0	9	1	0.0	12	2	0.0
Finland		7	383	0.3	6	412	0.3	13	847	0.5	11	851	0.4	10	826	0.3	7	582	0.2	6	548	0.2
Norway		12	28	0.0	19	37	0.0	33	166	0.1	81	347	0.2	64	264	0.1	36	132	0.0	32	102	0.0
Sweden		0	0	0.0	0	0	0.0	0	0	0.0	4	27	0.0	2	20	0.0	3	37	0.0	3	34	0.0
Spain		113	577	0.5	130	271	0.2	115	441	0.3	143	744	0.4	165	865	0.3	148	784	0.2	136	706	0.2
Portugal		12	50	0.0	9	24	0.0	12	51	0.0	9	60	0.0	15	63	0.0	15	54	0.0	6	25	0.0
Europe total		504	5,770	5.1	567	7,664	5.2	717	10,722	6.5	811	11,283	5.4	885	11,767	3.6	636	9,302	2.5	540	8,279	2.4
Brazil		45	233	0.2	50	261	0.2	40	169	0.1	31	189	0.1	80	1,954	0.6	104	2,394	0.7	113	2,456	0.7
Poland		101	2,258	2.0	127	2,846	1.9	126	2,585	1.6	116	2,322	1.1	122	2,031	0.6	140	1,414	0.4	110	697	0.2
Singapore		51	183	0.2	60	286	0.2	98	340	0.2	77	259	0.1	95	263	0.1	115	451	0.1	121	314	0.1
China P.R.		576	15,341	13.7	790	20,466	14.0	1,027	25,940	15.8	1,650	44,778	21.4	3,139	97,761	29.6	3,999	123,961	33.7	3,800	117,630	34.7
Taiwan		38	1,856	1.7	51	2,045	1.4	52	2,224	1.4	58	2,378	1.1	67	2,838	0.9	62	2,647	0.7	49	2,317	0.7
U.S.A.		85	951	0.8	49	652	0.4	52	592	0.4	126	724	0.3	132	693	0.2	132	669	0.2	123	624	0.2
Croatia		55	1,378	1.2	83	2,390	1.6	75	2,360	1.4	61	1,879	0.9	69	1,997	0.6	64	1,665	0.5	43	1,005	0.3
India		46	56	0.1	62	229	0.2	97	554	0.3	148	780	0.4	246	2,615	0.8	287	3,538	1.0	273	3,509	1.0
Philippines		24	672	0.6	30	772	0.5	30	787	0.5	60	1,896	0.9	116	5,160	1.6	117	5,919	1.6	131	7,018	2.1
Rumania		88	757	0.7	87	986	0.7	100	1,522	0.9	127	1,681	0.8	146	3,043	0.9	164	3,202	0.9	135	2,485	0.7
Turkey		85	301	0.3	138	650	0.4	192	1,222	0.7	247	1,615	0.8	337	2,348	0.7	332	2,650	0.7	276	2,278	0.7
Vietnam		18	76	0.1	66	641	0.4	71	782	0.5	122	2,123	1.0	206	3,204	1.0	327	4,296	1.2	345	4,319	1.3
Others		323	1,652	1.5	407	2,262	1.5	537	3,070	1.9	548	2,770	1.3	678	3,714	1.1	952	4,725	1.3	894	4,435	1.3
Sub total		1,535	25,715	22.9	2,000	34,486	23.6	2,497	42,147	25.7	3,371	63,394	30.4	5,433	127,620	38.7	6,795	157,530	42.8	6,413	149,086	44.0
World Total		3,675	112,192	100.0	4,647	146,213	100.0	5,522	164,022	100.0	6,908	208,875	100.0	10,055	329,732	100.0	11,341	368,070	100.0	10,446	338,784	100.0

(Note) 1. Data Source : Lloyd's Register "World Shipbuilding Statistics". Year-end basis.

2. Ship Size Coverage : 100 Gross Tonnage and over.

3. Europe total=Former AWES(present CESA) countries. Excludes Poland (member from '95) , Rumania ('00), Croatia('02), Lithuania & Bulgaria('09) for comparisons with former periods.

Fig 4. WORLD ORDERBOOK AT YEAR-END



(Note) 1. Data Source : Lloyd's Register.
 2. Ship Size Coverage : 100 Gross Tonnage and over.

5. WORLD MERCHANT FLEETS BY REGISTRATION

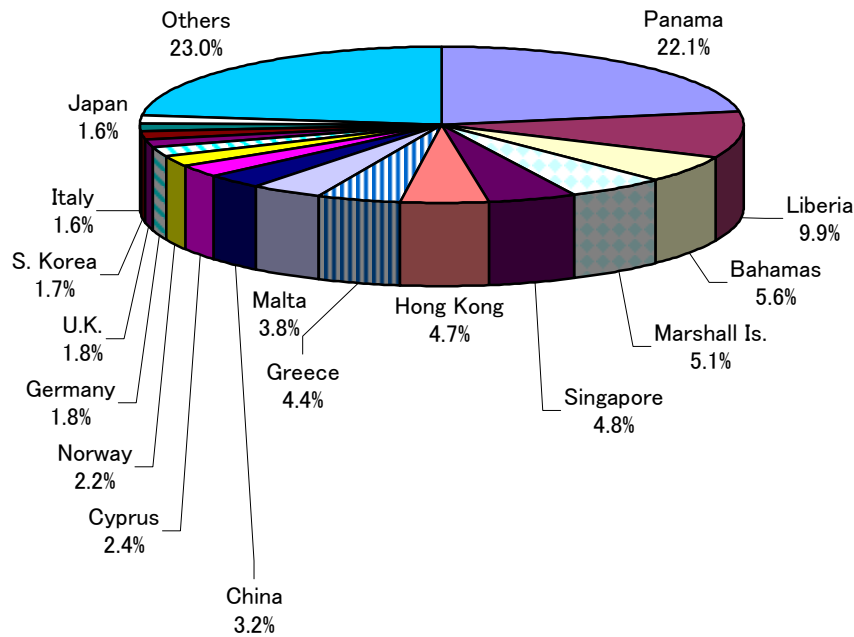
Year Country	1996 End		1997 End		1998 End		1999 End		2000 End		2001 End		2002 End		2003 End		2004 End		2005 End		2006 End		2007 End		2008 End		
	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.
Panama	6,105	82,131	6,188	91,128	6,143	98,222	6,143	105,248	6,184	114,382	6,245	122,352	6,247	124,729	6,302	125,722	6,477	131,452	6,838	141,822	7,183	154,965	7,605	168,166	8,065	183,503	
Liberia	1,684	59,989	1,697	60,058	1,717	60,492	1,629	54,107	1,557	51,451	1,566	51,784	1,535	50,400	1,553	52,435	1,538	53,899	1,653	59,600	1,907	68,405	2,171	76,573	2,306	82,389	
Bahamas	1,186	24,409	1,221	25,523	1,286	27,716	1,294	29,483	1,295	31,445	1,312	33,386	1,348	35,798	1,297	34,752	1,316	35,388	1,361	38,418	1,402	40,831	1,430	43,739	1,446	46,543	
Marshall Is.	130	4,897	168	6,314	207	6,442	230	6,762	302	9,745	360	11,719	428	14,673	515	17,628	632	22,495	853	29,242	953	32,840	1,099	35,964	1,265	42,637	
Singapore	1,480	16,449	1,656	18,875	1,677	20,370	1,736	21,780	1,728	21,491	1,729	21,023	1,768	21,148	1,761	23,241	1,842	26,283	1,977	30,990	2,079	32,174	2,257	36,252	2,451	39,886	
Hong Kong	398	7,863	375	5,771	391	6,171	479	7,973	560	10,242	646	13,710	766	16,164	901	20,507	1,058	26,085	1,128	29,809	1,179	32,685	1,242	35,816	1,371	39,100	
Greece	1,743	27,507	1,641	25,288	1,545	25,225	1,491	24,833	1,529	26,402	1,529	28,678	1,548	28,783	1,558	32,203	1,540	32,041	1,491	30,745	1,455	32,048	1,478	35,704	1,498	36,822	
Malta	1,247	19,479	1,378	22,984	1,416	24,075	1,574	28,205	1,505	28,170	1,421	27,053	1,350	26,331	1,301	25,134	1,181	22,353	1,220	23,016	1,294	24,850	1,421	27,754	1,532	31,633	
China	3,121	16,993	3,175	16,339	3,214	16,503	3,285	16,315	3,319	16,499	3,280	16,646	3,326	17,316	3,376	18,428	3,497	20,369	3,590	22,284	3,695	23,488	3,799	24,919	3,916	26,811	
Cyprus	1,652	23,799	1,650	23,653	1,602	23,302	1,556	23,641	1,475	23,206	1,407	22,762	1,325	22,997	1,198	22,054	1,084	21,283	992	19,019	971	19,032	985	18,954	1,016	20,109	
Norway	2,227	21,806	2,274	22,839	2,325	23,136	2,350	23,446	2,349	22,604	2,363	22,591	2,299	22,195	2,253	20,509	2,173	18,936	2,068	17,532	2,078	18,222	2,088	18,156	2,055	18,311	
Germany	1,101	5,842	1,125	6,950	1,158	8,084	1,028	6,514	994	6,552	906	6,300	857	6,546	782	6,112	826	8,246	894	11,497	881	11,364	885	12,934	961	15,283	
U.K.	1,429	3,872	1,424	3,486	1,421	4,085	1,391	4,331	1,448	5,532	1,462	6,029	1,525	8,045	1,594	10,844	1,569	11,123	1,563	11,194	1,598	12,150	1,637	13,444	1,676	15,247	
S. Korea	2,327	7,558	2,441	7,430	2,381	5,694	2,417	5,735	2,502	6,200	2,426	6,395	2,532	7,050	2,604	6,757	2,700	7,826	2,778	9,251	2,820	10,477	2,946	13,102	3,001	14,145	
Italy	1,348	6,594	1,324	6,194	1,329	6,819	1,389	8,048	1,457	9,049	1,476	9,655	1,486	9,596	1,504	10,246	1,516	10,956	1,539	11,616	1,566	12,571	1,564	12,972	1,588	13,600	
Japan	9,399	19,201	9,310	18,516	8,921	17,779	8,462	17,063	8,012	15,257	7,924	14,565	7,458	13,918	7,151	13,562	6,937	13,180	6,842	12,751	6,731	12,798	6,519	12,788	6,316	13,536	
U.S.A.	5,289	12,025	5,260	11,789	5,626	11,852	5,642	12,026	5,792	11,111	5,824	10,907	6,080	10,371	6,185	10,409	6,414	10,744	6,472	11,058	6,498	11,218	6,486	11,411	6,524	11,268	
Denmark	1,137	5,994	1,085	5,859	1,056	5,790	1,057	5,913	1,081	6,926	1,054	7,109	1,043	7,603	1,013	7,727	1,000	7,763	1,003	8,290	963	8,800	953	9,476	963	10,570	
Bermuda	91	3,462	110	4,610	127	4,811	140	6,187	129	5,752	121	5,313	113	4,798	106	4,844	122	6,166	136	7,312	149	8,413	152	9,170	153	9,592	
Antigua&Barbuda	520	2,176	516	2,214	575	2,788	664	3,622	759	4,224	840	4,688	886	5,066	950	6,005	1,028	6,915	1,030	7,179	1,086	7,947	1,130	8,635	1,195	9,537	
India	920	7,127	941	6,934	947	6,777	971	6,915	987	6,662	1,018	6,688	1,010	6,142	1,028	6,961	1,066	7,518	1,096	8,065	1,181	8,381	1,417	9,168	1,460	9,283	
Isle of Man	177	3,140	202	4,759	207	4,203	220	4,729	223	5,431	275	6,057	283	5,672	302	6,416	333	7,169	362	8,406	360	8,632	339	8,450	345	8,965	
Netherland	1,272	5,163	1,316	4,947	1,358	5,234	1,433	5,923	1,494	6,403	1,513	6,855	1,517	7,052	1,526	7,213	1,490	7,285	1,457	7,180	1,445	7,230	1,432	7,404	1,498	8,249	
Russia	4,866	13,755	4,814	12,282	4,723	11,090	4,694	10,649	4,755	10,486	4,727	10,248	4,943	10,380	4,950	10,431	3,802	8,639	3,722	8,334	3,656	8,046	3,481	7,587	3,444	7,527	
Malaysia	755	4,175	838	4,842	828	5,209	828	5,245	865	5,328	882	5,207	915	5,394	972	5,746	1,013	6,057	1,052	5,759	1,101	6,389	1,151	6,975	1,238	7,078	
France	827	4,383	826	4,681	808	4,849	822	4,925	808	4,816	814	4,678	815	4,731	831	4,859	830	4,975	864	5,611	881	6,165	918	6,350	951	6,324	
Indonesia	2,348	2,973	2,383	3,195	2,359	3,252	2,369	3,241	2,480	3,384	2,528	3,613	2,628	3,723	2,700	3,840	2,826	4,072	3,214	4,330	4,271	5,287	4,469	5,670	4,464	5,810	
St. Vincent	1,168	7,134	1,343	8,374	1,317	7,875	1,333	7,105	1,366	7,026	1,318	7,073	1,304	6,584	1,219	6,318	1,182	6,324	1,044	5,905	1,064	6,107	1,048	5,928	1,009	5,203	
Turkey	1,114	6,426	1,146	6,567	1,135	6,251	1,152	6,325	1,153	5,833	1,146	5,897	1,147	5,659	1,113	4,951	1,114	4,679	1,156	5,045	1,184	4,849	1,252	4,995	1,301	5,181	
Philippines	1,617	9,034	1,699	8,849	1,726	8,508	1,897	7,650	1,865	7,002	1,697	6,030	1,686	5,320	1,703	5,116	1,730	5,137	1,866	5,199	1,840	5,072	1,768	5,066	1,808	5,029	
Taiwan	681	6,175	692	5,931	686	5,492	684	5,371	680	5,086	656	4,618	649	4,289	637	3,477	639	3,556	636	3,226	628	2,786	629	2,750	637	2,672	
Brazil	539	4,530	536	4,372	504	4,171	503	3,933	505	3,809	475	3,687	476	3,449	482	3,258	494	2,628	510	2,343	525	2,281	538	2,290	569	2,359	
Iran	414	3,567	417	3,553	382	3,347	380	3,546	395	4,234	389	3,944	380	4,128	382	4,852	430	5,324	453	5,271	475	5,207	508	3,577	503	1,096	
Ukraine	1,061	3,825	1,025	2,690	966	2,033	936	1,775	894	1,546	838	1,408	828	1,350	829	1,379	647	1,145	658	1,154	655	1,136	655	1,145	644	1,087	
Poland	507	2,293	464	1,878	447	1,424	439	1,319	429	1,119	393	618	383	586	373	282	378	163	359	190	355	193	351	193	358	213	
Others	22,384	52,127	22,834	52,522	23,318	52,822	24,199	53,728	24,670	53,649	25,379	55,264	26,126	57,597	26,948	61,001	27,536	65,149	28,228	66,472	28,827	68,814	29,701	71,460	30,214	74,103	
World Total	84,264	507,873	85,494	522,197	85,828	531,893	86,817	543,610	87,546	558,054	87,939	574,551	89,010	585,583	89,899	605,218	89,960	633,321	92,105	675,116	94,936	721,855	97,504	774,937	99,741	830,704	

- (Note) 1. Data Source : Lloyd's Register "World Fleet Statistics".
2. Ship Size Coverage : 100 Gross Tonnage and over.
3. Second Registries are included in Denmark (DIS and FAS), France(French Antarctic Territory and Wallis & Futuna Islands), Netherlands(Antilles), Norway(NIS).
4. Dominant registered countries or regions (more than 2 mil.GT) out of "Others" category as of 2008-end are : Sweden 4.39, Belgium 4.24, Spain 3.05, Vietnam 2.99, Cayman Islands 2.98, Canada 2.96, Thailand 2.84, Kuwait 2.37, Cambodia 2.10 and Vanuatu 2.07.

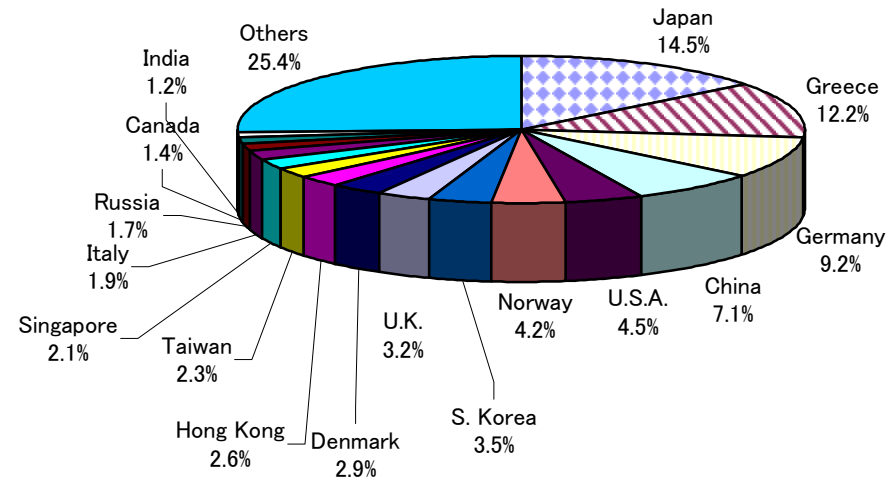
Fig 5. MERCHANT FLEETS SHARE (%) BY REGISTRATION & BY NATIONALITY OF OWNER

< As of End 2008 / GT Basis >

(1) By Registration (%)



(2) By Nationality of Owner (%)



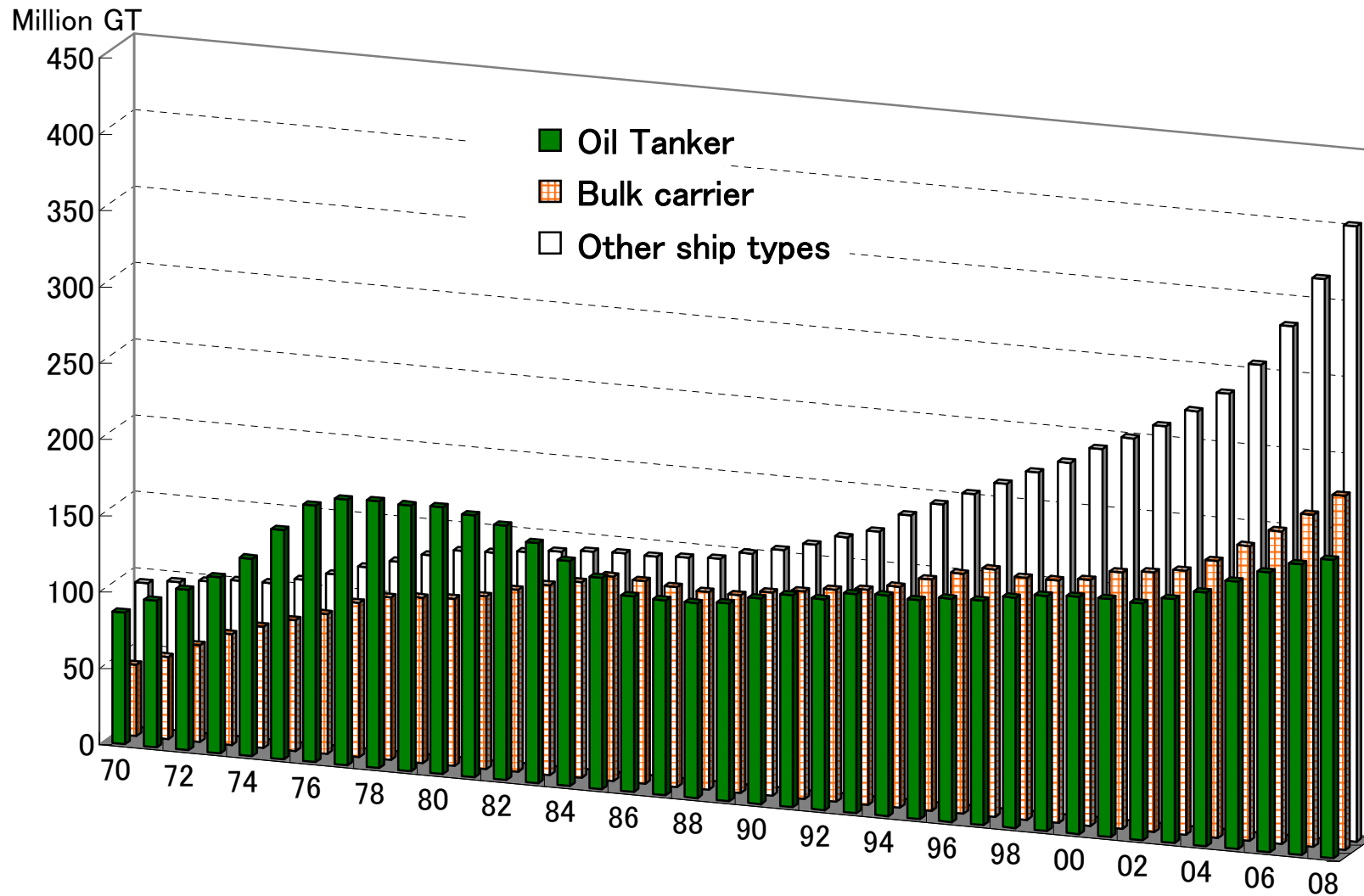
Note : Others 25.4% includes unknown nationality.

6. WORLD MERCHANT FLEETS BY SHIP TYPE

Year	World Total		Oil Tanker		Bulk Carrier		Other ship types		GT share (%)		
	No.	'000 GT	No.	'000 GT	No.	'000 GT	No.	'000 GT	Oil Tanker	Bulk Carrier	Other ship types
1955	32,492	100,569	3,575	26,455			28,917	74,114	26.3		73.7
1960	36,311	129,770	4,543	41,465			31,768	88,305	32.0		68.0
1965	41,865	160,392	5,307	55,046	1,403	18,757	35,155	86,589	34.3	11.7	54.0
1970	52,444	227,490	6,103	86,140	2,528	46,652	43,813	94,698	37.9	20.5	41.6
71	55,041	247,203	6,292	96,141	2,760	53,797	45,989	97,265	38.9	21.8	39.3
72	57,391	268,340	6,462	105,129	3,048	63,487	47,881	99,724	39.2	23.7	37.2
73	59,606	289,927	6,607	115,365	3,303	72,648	49,696	101,914	39.8	25.1	35.2
74	61,194	311,323	6,785	129,491	3,491	79,438	50,918	102,394	41.6	25.5	32.9
1975	63,724	342,162	7,024	150,057	3,711	85,548	52,989	106,557	43.9	25.0	31.1
76	65,887	372,000	7,020	168,161	3,932	91,738	54,935	112,101	45.2	24.7	30.1
77	67,945	393,678	6,912	174,124	4,313	100,921	56,720	118,633	44.2	25.6	30.1
78	69,020	406,002	6,882	175,035	4,557	106,545	57,581	124,422	43.1	26.2	30.6
79	71,129	413,021	6,950	174,213	4,638	108,323	59,541	130,485	42.2	26.2	31.6
1980	73,832	419,911	7,112	175,004	4,706	109,596	62,014	135,311	41.7	26.1	32.2
81	73,864	420,835	6,986	171,697	4,736	113,084	62,142	136,054	40.8	26.9	32.3
82	75,151	424,742	7,021	166,828	4,947	119,298	63,183	138,616	39.3	28.1	32.6
83	76,106	422,590	6,882	157,279	5,073	124,397	64,151	140,914	37.2	29.4	33.3
84	76,068	418,682	6,647	147,463	5,229	128,334	64,192	142,885	35.2	30.7	34.1
1985	76,395	416,269	6,590	138,448	5,391	133,983	64,414	143,838	33.3	32.2	34.6
86	75,266	404,910	6,490	128,426	5,274	132,908	63,502	143,576	31.7	32.8	35.5
87	75,240	403,498	6,490	127,660	5,099	131,028	63,651	144,810	31.6	32.5	35.9
88	75,680	403,406	6,565	127,843	4,980	129,635	64,135	145,928	31.7	32.1	36.2
89	76,100	410,481	6,383	129,578	5,061	129,482	64,656	151,421	31.6	31.5	36.9
1990	78,336	423,627	6,609	134,836	5,156	133,190	66,571	155,601	31.8	31.4	36.7
91	80,030	436,027	6,768	138,897	5,201	135,885	68,061	161,245	31.9	31.2	37.0
92	79,726	445,169	6,342	138,149	5,894	139,042	67,490	167,978	31.0	31.2	37.7
93	80,655	457,915	6,847	143,441	5,952	140,915	67,856	173,559	31.3	30.8	37.9
94	80,676	475,859	6,639	144,595	5,964	144,914	68,073	186,350	30.4	30.5	39.2
1995	82,890	490,662	6,761	143,521	6,165	151,694	69,964	195,447	29.3	30.9	39.8
96	84,264	507,873	6,878	146,366	6,409	157,382	70,977	204,125	28.8	31.0	40.2
97	85,494	522,197	6,933	147,108	6,552	162,169	72,009	212,920	28.2	31.1	40.8
98	85,828	531,893	6,960	151,036	6,413	158,565	72,455	222,292	28.4	29.8	41.8
99	86,817	543,610	7,051	154,092	6,357	158,958	73,409	230,560	28.3	29.2	42.4
2000	87,546	558,054	7,009	155,429	6,342	161,186	74,195	241,439	27.9	28.9	43.3
2001	87,939	574,551	6,984	156,068	6,476	168,000	74,479	250,483	27.2	29.2	43.6
2002	89,010	585,583	7,294	155,176	6,487	169,954	75,229	260,453	26.5	29.0	44.5
2003	89,899	605,218	7,317	159,958	6,500	173,071	76,082	272,190	26.4	28.6	45.0
2004	89,960	633,321	7,262	166,062	6,690	181,444	76,008	285,815	26.2	28.6	45.1
2005	92,105	675,116	7,410	175,336	6,964	193,213	77,731	306,567	26.0	28.6	45.4
2006	94,936	721,855	7,549	183,201	7,204	204,828	80,183	333,826	25.4	28.4	46.2
2007	97,504	774,937	7,209	190,612	7,477	217,629	82,818	366,696	24.6	28.1	47.3
2008	99,741	830,704	7,221	195,441	7,744	231,964	84,776	403,299	23.5	27.9	48.5

- (Note) 1. Data Source : Lloyd's Register "Statistical tables" until 1991. Lloyd's Register "World Fleet Statistics" from 1992.
2. Ship Size Coverage : 100 Gross Tonnage and over.
3. Combined carriers are included in "Bulk Carrier" category.
4. Mid year basis until 1991. End year basis from 1992.

Fig 6. WORLD MERCHANT FLEETS BY SHIP TYPE



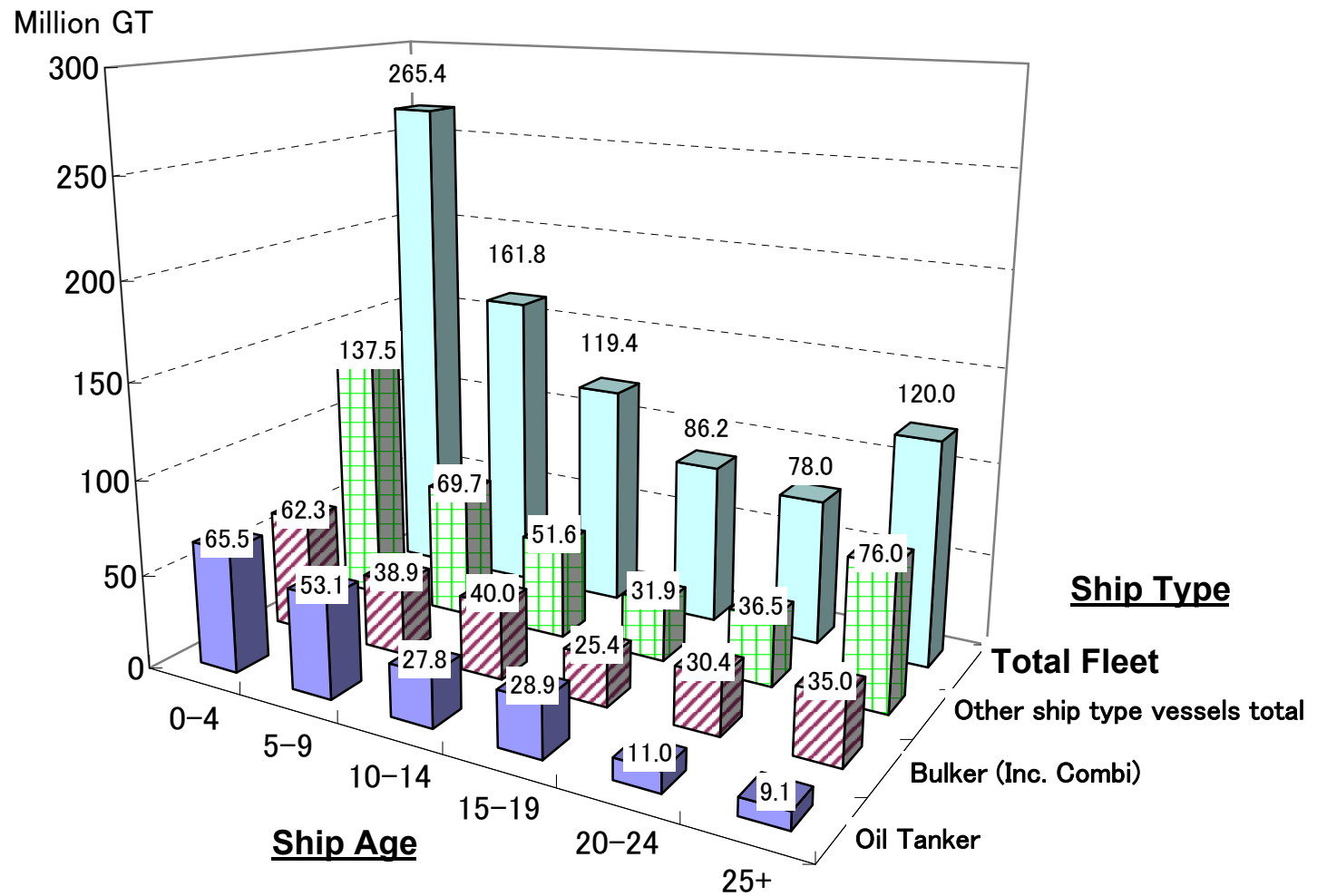
(Note) 1. Data Source : Lloyd's Register. Mid year basis until 1991 and End year basis from 1992.
 2. Ship Size Coverage : 100 Gross Tonnage and over.
 3. Combined carriers are included in " Bulk carrier " category.

7. WORLD MERCHANT FLEETS' AGE PROFILE BY SHIP TYPE

	Ship Age	Total		0 ~ 4 years		5 ~ 9 years		10 ~ 14 years		15 ~ 19 years		20 ~ 24 years		25 years +	
	Ship Type	No.	'000 GT	No.	'000 GT	No.	'000 GT	No.	'000 GT	No.	'000 GT	No.	'000 GT	No.	'000 GT
1999 (Year End)	Total	86,817	543,610	9,518	126,591	9,943	91,840	11,384	75,160	13,681	88,653	14,633	102,659	27,658	58,707
	Oil Tanker	7,051	154,092	716	32,082	1,081	35,513	817	17,402	1,023	16,259	1,434	39,510	1,980	13,326
	Bulk Carrier	6,357	158,958	1,230	40,243	760	23,588	958	25,646	1,333	34,379	1,195	24,037	881	11,065
	Others	73,409	230,560	7,572	54,266	8,102	32,739	9,609	32,112	11,325	38,015	12,004	39,112	24,797	34,316
2000 (Year End)	Total	87,546	558,054	9,413	135,921	9,836	98,588	11,051	72,421	13,090	92,306	14,663	91,628	29,493	67,190
	Oil Tanker	7,009	155,429	672	36,487	1,119	37,248	806	19,468	931	14,709	1,329	29,094	2,152	18,423
	Bulk Carrier	6,342	161,186	1,149	39,036	848	26,256	815	22,983	1,474	39,405	1,132	21,918	924	11,589
	Others	74,195	241,439	7,592	60,398	7,869	35,084	9,430	29,970	10,685	38,192	12,202	40,616	26,417	37,178
2001 (Year End)	Total	87,939	574,551	9,210	141,788	9,948	107,578	10,932	72,003	12,561	90,533	14,386	84,460	30,902	78,191
	Oil Tanker	6,984	156,068	648	37,570	1,092	36,505	840	22,821	832	13,552	1,245	21,724	2,327	23,896
	Bulk Carrier	6,476	168,000	1,187	40,934	999	31,921	733	20,080	1,419	38,589	1,097	22,709	1,041	13,766
	Others	74,479	250,483	7,375	63,284	7,857	39,152	9,359	29,102	10,310	38,392	12,044	40,027	27,534	40,529
2002 (Year End)	Total	89,010	585,583	7,016	124,265	10,108	119,185	10,392	86,790	11,704	79,908	13,915	80,637	35,875	94,799
	Oil Tanker	7,294	155,176	596	38,783	803	27,893	1,083	35,031	840	14,253	1,188	17,476	2,784	21,740
	Bulk Carrier	6,487	169,954	904	32,751	1,251	39,864	727	21,197	1,156	30,436	1,054	26,342	1,395	19,365
	Others	75,229	260,453	5,516	52,731	8,054	51,427	8,582	30,562	9,708	35,219	11,673	36,820	31,696	53,694
2003 (Year End)	Total	89,899	605,218	8,808	160,561	10,156	119,181	10,430	86,775	11,692	79,881	13,802	77,487	35,011	81,333
	Oil Tanker	7,317	159,958	851	53,386	806	27,896	1,078	34,968	841	14,248	1,146	15,269	2,595	14,191
	Bulk Carrier	6,500	173,071	1,064	39,096	1,246	39,797	728	21,200	1,153	30,352	1,039	25,865	1,270	16,761
	Others	76,082	272,190	6,893	68,079	8,104	51,488	8,624	30,607	9,698	35,281	11,617	36,354	31,146	50,382
2004 (Year End)	Total	89,960	633,321	9,073	173,619	10,119	127,270	10,027	91,950	11,255	74,743	13,184	82,093	36,302	83,646
	Oil Tanker	7,262	166,062	935	56,306	753	32,153	1,137	35,643	854	17,380	1,001	13,198	2,582	11,381
	Bulk Carrier	6,690	181,444	1,147	42,605	1,218	40,096	749	23,374	954	25,201	1,271	32,289	1,351	17,879
	Others	76,008	285,815	6,991	74,708	8,148	55,022	8,141	32,933	9,447	32,161	10,912	36,606	32,369	54,386
2005 (Year End)	Total	92,105	675,116	9,773	189,373	10,047	136,674	9,975	98,573	10,991	72,184	12,760	87,895	38,559	90,416
	Oil Tanker	7,410	175,336	1,046	59,717	726	36,695	1,180	37,313	836	19,311	915	12,099	2,707	10,202
	Bulk Carrier	6,964	193,213	1,273	48,127	1,140	38,800	835	25,899	812	22,747	1,425	37,921	1,479	19,719
	Others	79,460	306,567	7,454	81,529	8,181	61,178	7,960	35,362	9,343	30,126	10,420	37,876	36,102	60,496
2006 (Year End)	Total	94,936	721,855	11,019	210,224	10,068	142,139	10,153	107,742	10,965	71,937	12,272	88,004	40,459	101,810
	Oil Tanker	7,549	183,201	1,172	63,429	691	37,679	1,157	36,701	881	22,880	850	11,944	2,798	10,568
	Bulk Carrier	7,204	204,828	1,279	50,340	1,175	40,666	985	31,465	731	19,661	1,377	37,375	1,657	25,320
	Others	80,183	333,827	8,568	96,455	8,202	63,794	8,011	39,576	9,353	29,396	10,045	38,685	36,004	65,922
2007 (Year End)	Total	97,504	774,937	12,261	234,079	9,973	150,286	10,379	114,766	10,696	76,800	11,873	84,144	42,322	114,861
	Oil Tanker	7,209	190,612	1,244	65,236	748	45,133	974	31,102	870	28,136	731	11,558	2,642	9,447
	Bulk Carrier	7,477	217,629	1,371	55,759	1,098	38,192	1,172	38,703	704	18,401	1,246	33,637	1,886	32,937
	Others	82,818	366,696	9,646	113,084	8,127	66,961	8,233	44,961	9,122	30,263	9,896	38,949	37,794	72,477
2008 (Year End)	Total	99,741	830,704	13,863	265,364	10,053	161,771	10,523	119,406	10,479	86,169	11,468	77,959	43,355	120,035
	Oil Tanker	7,221	195,441	1,286	65,547	865	53,113	810	27,795	962	28,888	688	11,043	2,610	9,055
	Bulk Carrier	7,744	231,964	1,552	62,324	1,073	38,916	1,247	40,003	754	25,379	1,146	30,389	1,972	34,953
	Others	84,776	403,299	11,025	137,493	8,115	69,742	8,466	51,609	8,763	31,903	9,634	36,526	38,773	76,027

- (Note) 1. Data Source : Lloyd's Register "World Fleet Statistics".
2. Ship Size Coverage : 100 Gross Tonnage and over.
3. Combined carriers are included in "Bulk Carrier" category.

Fig 7. WORLD MERCHANT FLEETS' AGE PROFILE BY SHIP TYPE
As of End 2008



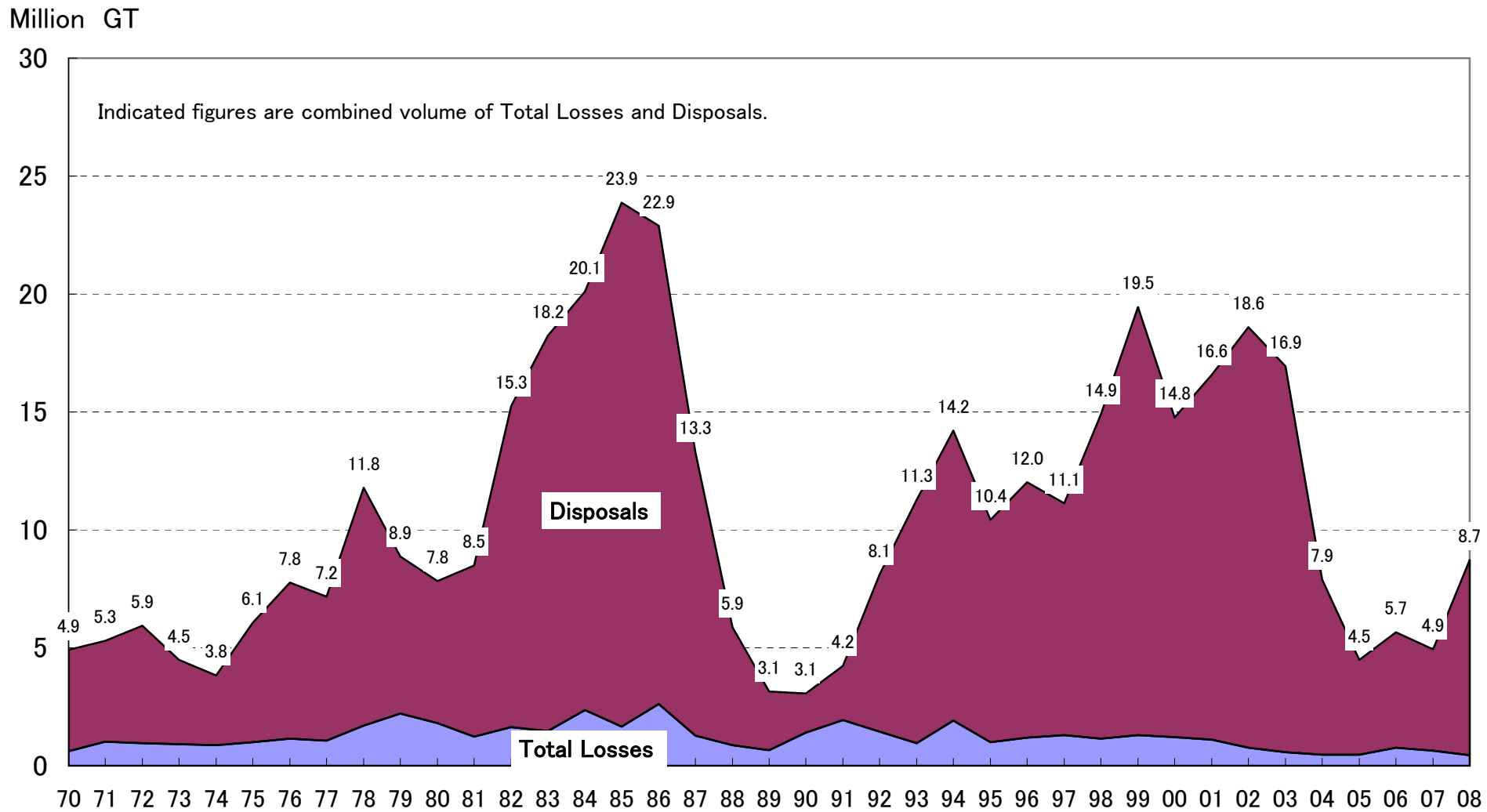
(Note) 1. Data Source : Lloyd's Register "World Fleet Statistics"
 2. Ship Size Coverage : 100 Gross Tonnage and over.

8. WORLD "TOTAL LOSSES" AND "DISPOSALS"

Year	TOTAL LOSSES (by Incidents)			DISPOSALS (Scrap)			TOTAL (Total losses + Disposals)	
	No.	'000 GT	Loss Ratio %	No.	'000 GT	Disposal Ratio %	No.	'000 GT
1970	352	613	0.27	1,030	4,311	1.90	1,382	4,924
71	377	1,031	0.42	962	4,266	1.73	1,339	5,297
72	371	949	0.35	917	4,994	1.86	1,288	5,943
73	363	920	0.32	812	3,578	1.23	1,175	4,498
74	311	870	0.28	696	2,959	0.95	1,007	3,829
1975	336	995	0.29	626	5,077	1.48	962	6,072
76	345	1,156	0.31	734	6,615	1.78	1,079	7,771
77	336	1,073	0.27	914	6,093	1.55	1,250	7,166
78	473	1,711	0.42	1,078	10,070	2.48	1,551	11,781
79	465	2,210	0.54	923	6,665	1.61	1,388	8,875
1980	387	1,804	0.43	903	6,022	1.43	1,290	7,826
81	359	1,238	0.29	762	7,252	1.72	1,121	8,490
82	402	1,632	0.38	1,113	13,624	3.21	1,515	15,256
83	340	1,473	0.35	1,310	16,759	3.97	1,650	18,232
84	327	2,354	0.56	1,785	17,751	4.24	2,112	20,105
1985	307	1,651	0.40	2,360	22,229	5.34	2,667	23,880
86	265	2,609	0.64	1,888	20,288	5.01	2,153	22,897
87	219	1,284	0.32	1,474	12,009	2.98	1,693	13,293
88	231	865	0.21	1,452	5,015	1.24	1,683	5,880
89	211	667	0.16	695	2,477	0.60	906	3,144
1990	244	1,412	0.33	468	1,645	0.39	712	3,057
91	321	1,937	0.44	587	2,306	0.53	908	4,243
92	266	1,453	0.33	601	6,657	1.50	867	8,110
93	278	968	0.21	878	10,310	2.25	1,156	11,278
94	240	1,920	0.40	945	12,293	2.58	1,185	14,213
1995	252	1,000	0.20	874	9,435	1.92	1,126	10,435
96	257	1,190	0.23	917	10,822	2.13	1,174	12,012
97	215	1,288	0.25	888	9,839	1.88	1,103	11,127
98	263	1,158	0.22	969	13,737	2.58	1,232	14,895
99	222	1,294	0.24	1,045	18,161	3.34	1,267	19,454
2000	216	1,204	0.22	827	13,552	2.43	1,043	14,755
2001	187	1,096	0.19	887	15,483	2.69	1,074	16,579
2002	149	773	0.13	927	17,831	3.05	1,076	18,604
2003	166	576	0.10	1,062	16,360	2.70	1,228	16,936
2004	133	460	0.07	803	7,430	1.17	936	7,890
2005	154	471	0.07	524	4,021	0.60	678	4,492
2006	144	757	0.10	632	4,897	0.68	776	5,654
2007	173	637	0.08	525	4,288	0.55	698	4,926
2008	135	442	0.05	707	8,280	1.00	842	8,722

- (Note) 1. Data Source : Lloyd's Register "Casualty Return" until 1989. "World Casualty Statistics" from 1990.
2. Ship Size Coverage : 100 Gross Tonnage and over.
3. Loss (Disposal) Ratio = Lost (Disposed) Fleet / World Total Existing Fleet at mid year (end year from 1992).

Fig 8. WORLD "TOTAL LOSSES" AND "DISPOSALS"



(Note) 1. Data source : Lloyd's Register.
 2. Ship Size Coverage : 100 Gross Tonnage and over.

9. WORLD DISPOSALS BY COUNTRY OF BREAKING

Year	1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992	
	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT		
Taiwan	167	3,391	235	6,042	255	3,969	222	4,409	95	5,268	198	7,829	204	7,815	279	6,687	171	7,822	287	7,773	210	4,415	131	1,521	21	164	1	2	4	48		
Spain	64	873	83	1,053	87	654	68	279	26	147	41	371	51	421	78	573	87	603	78	581	67	150	47	193	28	31	24	13	26	13	76	48
S. Korea	15	221	28	800	30	430	7	168	9	299	35	2,176	69	3,896	90	4,149	56	2,551	72	2,569	61	1,254	15	116	8	158	2	4	1	8	3	2
Pakistan	40	299	90	642	35	205	57	300	97	766	140	1,605	126	1,689	168	1,121	144	1,143	132	861	144	645	76	209	20	39	2	2	21	445	32	729
Italy	22	229	32	165	36	179	28	101	44	105	23	79	39	306	42	138	48	198	68	311	25	117	33	134	14	22	10	7	5	8	7	11
Croatia	11	151	14	129	14	120	17	62	9	57	14	131	16	106	18	78	26	130	29	97	9	22	9	9	16	15	4	1	4	4		
Japan	456	193	417	345	283	439	331	129	260	72	336	295	445	505	463	913	487	973	449	770	425	608	470	175	152	45	350	81	340	81	337	82
China	2	17	16	128	4	24	1	7	1	11			10	132	163	2,114	282	5,019	242	4,567	102	1,887	33	556	37	477	10	81	7	172	54	2,213
India	11	66	2	13	21	129	24	136	24	143	43	313	61	524	60	459	135	1,303	68	636	137	1,684	60	462	66	678	112	1,092	63	696	146	1,925
Bangladesh									5	42	25	223	42	391	59	641	61	818	26	268	33	318	55	479	30	347	21	217	40	512	45	1,181
Others	126	653	161	753	158	516	148	431	192	342	258	602	247	974	365	878	863	1,669	437	1,855	261	909	523	1,161	303	501	179	315	103	126	143	151
World Total	914	6,093	1,078	10,070	923	6,665	903	6,022	762	7,252	1,113	13,624	1,310	16,759	1,785	17,751	2,360	22,229	1,888	20,288	1,474	12,009	1,452	5,015	695	2,477	468	1,645	587	2,306	601	6,657

Year	1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008	
	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT	No.	'000GT		
Taiwan	4	83									1	6	3	10	1	14																
Spain	47	42	21	33	61	40	51	48	19	19	23	33	22	48	21	26	10	9	20	27	14	33	9	13	6	5	2	1	2	1	12	6
S. Korea	1	5			1	3	2	4					2	7	1	1					5	2,303	3	6	1	0						
Pakistan	33	917	34	2,166	25	1,670	33	2,062	21	930	57	2,210	43	2,380	25	789	27	1,739	20	997	49	817	26	209	12	48	19	187	24	380	25	274
Italy	8	9	6	5	2	1	1	1	1	0			2	2	2	7	4	2	7	7	2	1				1	0	1	1	0	0	
Croatia			4	1							1	0					1	0	2	1	3	1,898	3	1	2	1	3	0	0	0	2	0
Japan	196	57	73	20	116	146	91	25	124	30	64	19	103	31	94	22	47	12	102	25	46	46	12	6		1	1	0	0	1	0	
China	159	5,786	115	2,848	53	754	28	104	32	99	30	550	68	2,564	78	2,637	70	2,510	70	3,139	119	5,582	70	1,538	8	151	9	254	26	341	38	928
India	142	1,911	186	2,802	189	2,810	315	4,920	363	4,948	370	6,256	371	6,803	340	5,987	347	4,768	326	6,751	383	5,886	206	1,620	128	1,123	102	853	134	1,332	198	2,458
Bangladesh	44	1,396	59	2,134	53	2,539	55	2,196	74	2,228	63	2,626	68	3,799	62	2,407	137	4,992	87	4,894	79	2,890	123	3,357	81	2,114	159	2,883	104	1,838	170	4,176
Others	198	550	143	417	169	560	135	308	98	453	141	585	117	540	153	1,271	86	258	179	541	264	663	235	447	185	330	245	413	136	260	261	437
World Total	878	10,310	945	12,293	874	9,435	917	10,822	888	9,839	969	13,737	1,045	18,161	827	13,552	887	15,483	927	17,831	1,062	16,360	803	7,430	524	4,021	632	4,897	525	4,288	707	8,280

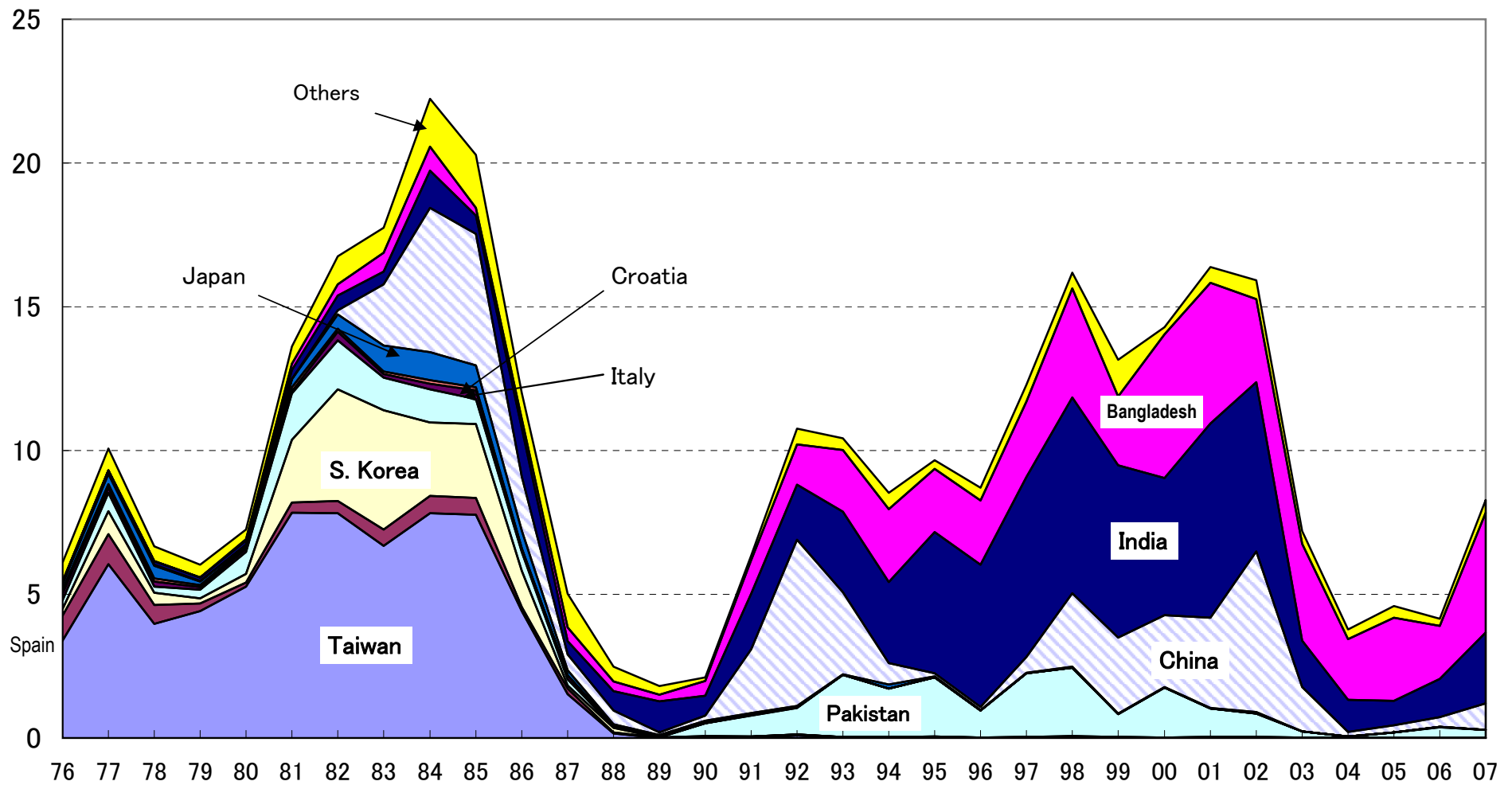
(Note) 1. Data Source : Lloyd's Register "Casualty Return" until 1993. "World Casualty Statistics" from 1994. Only the figures of "World Total" in this table in 1990 - 2007 were revised by latest Casualty Statistics.

There have some divergence between the accumulated world totals by country of breaking and this table's figure of World Totals which are equivalent to Table 8 "DISPOSALS" due to above reason.

2. Ship Size Coverage : 100 Gross Tonnage and over.

Fig 9. WORLD DISPOSALS BY COUNTRY OF BREAKING

Million GT



(Note) 1. Data Source : Lloyd's Register.
 2. Ship Size Coverage : 100 Gross Tonnage and over.

10. WORLD LAID UP VESSELS

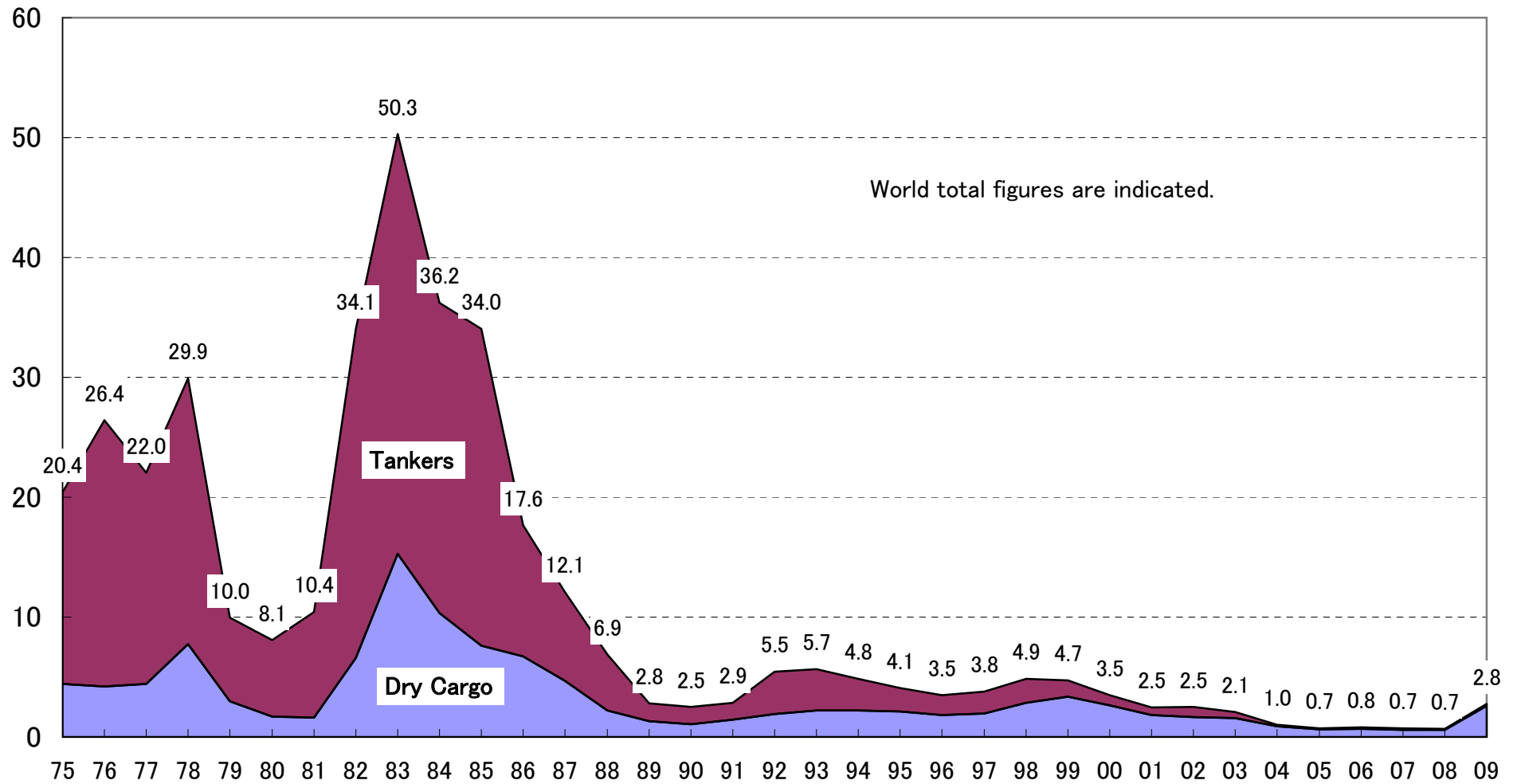
Year/Month	Total			Dry Cargo			Tankers		
	No.	'000 GT	'000DWT	No.	'000 GT	'000DWT	No.	'000 GT	'000DWT
1975.1	179	2,640	4,061	108	642	459	71	1,998	3,602
7	614	20,421	36,749	191	4,435	7,140	423	15,986	29,609
1976.1	677	26,623	49,559	212	4,891	8,137	465	21,732	41,422
7	682	26,406	49,622	229	4,209	6,809	453	22,197	42,813
1977.1	578	19,331	35,823	227	3,562	5,532	351	15,769	30,291
7	561	22,022	41,427	231	4,438	7,506	330	17,584	33,921
1978.1	685	24,614	45,627	358	7,067	12,030	327	17,547	33,597
7	783	29,906	56,469	422	7,762	13,250	361	22,144	43,219
1979.1	600	15,904	28,930	392	4,496	7,057	208	11,408	21,873
7	487	9,969	17,611	359	2,960	4,389	128	7,009	13,222
1980.1	396	6,339	10,801	307	1,819	2,398	89	4,520	8,403
7	394	8,085	14,478	293	1,720	2,273	101	6,365	12,205
1981.1	421	5,587	9,447	340	1,748	2,186	81	3,839	7,261
7	425	10,411	17,631	291	1,636	2,037	134	8,775	15,594
1982.1	565	15,728	28,888	350	2,386	3,022	215	13,342	25,866
7	987	34,062	64,539	624	6,575	9,415	363	27,487	55,124
1983.1	1,645	47,833	86,824	1,235	17,388	26,041	410	30,445	60,783
7	1,707	50,295	95,951	1,265	15,260	25,648	442	35,035	70,303
1984.1	1,657	42,484	79,786	1,292	14,063	22,851	365	28,421	56,935
7	1,456	36,202	67,765	1,124	10,336	16,193	332	25,866	51,572
1985.1	1,324	34,089	63,995	999	8,706	13,473	325	25,383	50,522
7	1,273	34,036	65,111	950	7,600	11,705	323	26,436	53,406
1986.1	1,143	24,134	44,519	900	7,196	11,106	243	16,938	33,413
7	1,061	17,639	31,267	873	6,727	10,370	188	10,912	20,897
1987.1	913	13,790	23,773	761	6,003	8,893	152	7,787	14,880
7	772	12,076	20,923	621	4,684	6,823	151	7,392	14,100
1988.1	611	9,471	15,881	493	3,766	5,112	118	5,705	10,769
7	469	6,902	11,819	363	2,234	3,159	106	4,668	8,660
1989.1	410	3,938	5,871	334	1,937	2,642	76	2,001	3,229
7	313	2,788	4,156	248	1,324	1,963	65	1,464	2,193
1990.1	295	2,891	4,580	238	1,093	1,453	57	1,798	3,127
7	287	2,525	3,931	231	1,064	1,433	56	1,461	2,498
1991.1	300	2,945	4,786	250	1,291	1,708	50	1,654	3,078
7	304	2,856	4,583	258	1,451	1,970	46	1,405	2,613
1992.1	338	3,383	5,230	292	1,852	2,423	46	1,531	2,807
7	379	5,450	9,545	305	1,926	2,613	74	3,524	6,932

Year/Month	Total			Dry Cargo			Tankers		
	No.	'000 GT	'000DWT	No.	'000 GT	'000DWT	No.	'000 GT	'000DWT
1993.1	485	6,610	11,443	345	2,328	3,048	140	4,282	8,395
7	413	5,673	9,586	313	2,217	2,997	100	3,456	6,589
1994.1	420	5,451	8,759	329	2,476	3,203	91	2,975	5,556
7	379	4,837	8,074	293	2,193	2,999	86	2,644	5,075
1995.1	354	4,594	7,372	289	2,399	3,238	65	2,195	4,134
7	335	4,101	6,431	269	2,120	2,916	66	1,981	3,515
1996.1	338	4,268	6,513	272	2,210	2,778	66	2,058	3,735
7	274	3,493	5,212	218	1,828	2,412	56	1,665	2,800
1997.1	303	3,717	5,346	248	2,110	2,589	55	1,607	2,757
7	297	3,792	5,609	239	1,969	2,449	58	1,823	3,160
1998.1	307	3,513	4,889	250	2,063	2,423	57	1,450	2,466
7	368	4,866	7,039	310	2,848	3,408	58	2,018	3,631
1999.1	379	4,447	6,185	328	3,242	4,060	51	1,205	2,125
7	379	4,737	6,788	329	3,374	4,345	50	1,363	2,443
2000.1	379	4,517	6,426	333	3,252	4,134	46	1,265	2,292
7	332	3,495	4,864	291	2,630	3,225	41	865	1,639
2001.1	306	3,138	4,252	265	2,354	2,775	41	784	1,477
7	273	2,481	3,369	236	1,837	2,173	37	644	1,196
2002.1	282	2,546	3,494	242	1,754	1,966	40	792	1,528
7	265	2,510	3,531	222	1,678	1,874	43	832	1,657
2003.1	284	2,764	3,796	241	1,859	1,958	43	905	1,838
7	274	2,080	2,733	226	1,556	1,719	48	524	1,014
2004.1	258	1,604	1,839	205	1,317	1,350	53	287	489
7	218	1,033	1,210	166	902	1,006	52	131	204
2005.1	173	914	1,039	138	779	830	35	135	209
7	167	740	899	133	641	754	34	99	145
2006.1	180	836	926	146	708	755	34	128	171
7	181	796	968	149	694	817	32	102	151
2007.1	186	777	831	152	642	642	34	135	189
7	184	731	786	149	603	595	35	128	191
2008.1	219	946	867	183	837	709	36	109	158
7	201	698	763	163	595	615	38	103	148
2009.1	310	2,282	2,417	271	2,079	2,168	39	203	249
3	336	2,763	3,097	301	2,580	2,878	35	183	219

(Note) Data Source : Lloyd's Register "Inactive Vessels" etc.

Fig 10. WORLD LAID UP VESSELS

Million GT



(Note) 1. Data Source : Lloyd's Register "Inactive Vessels" etc.
 2. As of July in each year. As of March in 2009.

11. WORLD SEABORNE TRADE

(1) TONNES

(Million Ton)

	Crude oil	Oil Products	Oil Total	Iron ore	Coal	Grain	3 major bulk total	Other cargo est.	World Total	Growth Rate %
1965	552	175	727	152	59	82	293	618	1,638	
1966	607	195	802	153	61	92	306	664	1,772	8.2
1967	672	193	865	164	67	83	314	685	1,864	5.2
1968	768	207	975	188	73	78	339	727	2,041	9.5
1969	871	209	1,080	214	83	71	368	789	2,237	9.6
1970	996	245	1,241	247	101	89	437	804	2,482	11.0
1971	1,070	247	1,317	250	94	91	435	825	2,577	3.8
1972	1,185	261	1,446	247	96	108	451	866	2,763	7.2
1973	1,366	274	1,640	298	104	139	541	940	3,121	13.0
1974	1,361	264	1,625	329	119	130	578	1,045	3,248	4.1
1975	1,263	233	1,496	292	127	137	556	995	3,047	-6.2
1976	1,410	260	1,670	294	127	146	567	1,075	3,312	8.7
1977	1,451	273	1,724	276	132	147	555	1,120	3,399	2.6
1978	1,432	270	1,702	278	127	169	574	1,190	3,466	2.0
1979	1,497	279	1,776	327	159	182	668	1,270	3,714	7.2
1980	1,320	276	1,596	314	188	198	700	1,310	3,606	-2.9
1981	1,170	267	1,437	303	210	206	719	1,305	3,461	-4.0
1982	993	285	1,278	273	208	200	681	1,240	3,199	-7.6
1983	930	282	1,212	257	197	199	653	1,225	3,090	-3.4
1984	930	297	1,227	306	232	207	745	1,320	3,292	6.5
1985	871	288	1,159	321	272	181	774	1,360	3,293	0.0
1986	958	305	1,263	311	276	165	752	1,370	3,385	2.8
1987	970	313	1,283	319	283	186	788	1,390	3,461	2.2
1988	1,042	325	1,367	348	304	196	848	1,370	3,585	3.6
1989	1,120	340	1,460	362	321	192	875	1,390	3,725	3.9
1990	1,190	336	1,526	347	342	192	881	1,460	3,867	3.8
1991	1,247	326	1,573	358	369	200	927	1,525	4,025	4.1
1992	1,313	335	1,648	334	371	208	913	1,570	4,131	2.6
1993	1,356	358	1,714	354	367	194	915	1,610	4,239	2.6
1994	1,403	368	1,771	383	383	184	950	1,660	4,381	3.3
1995	1,415	381	1,796	402	423	196	1,021	1,895	4,712	7.6
1996	1,466	404	1,870	391	435	193	1,019	2,017	4,906	4.1
1997	1,519	410	1,929	430	460	203	1,093	2,146	5,168	5.3
1998	1,535	402	1,937	417	473	196	1,086	2,149	5,172	0.1
1999	1,550	415	1,965	411	482	220	1,113	2,218	5,296	2.4
2000	1,608	419	2,027	454	523	230	1,207	2,361	5,595	5.6
2001	1,592	425	2,017	452	565	234	1,251	2,385	5,653	1.0
2002	1,588	414	2,002	484	570	245	1,299	2,519	5,820	3.0
2003	1,673	440	2,113	524	619	240	1,383	2,637	6,133	5.4
2004	1,754	461	2,215	589	664	236	1,489	2,789	6,493	5.9
2005	1,720	495	2,215	652	710	307	1,669	2,720	6,604	1.7
2006	1,756	525	2,281	734	754	325	1,813	2,961	7,055	6.8
2007	1,775	553	2,328	787	806	341	1,934	3,166	7,428	5.3
2008 est	1,800	575	2,375	845	834	344	2,023	3,347	7,745	4.3
2009 est	1,787	580	2,367	800	820	339	1,959	3,310	7,636	-1.4
2010 est	1,850	605	2,455	825	830	339	1,994	3,342	7,791	2.0

(2) TON-MILES

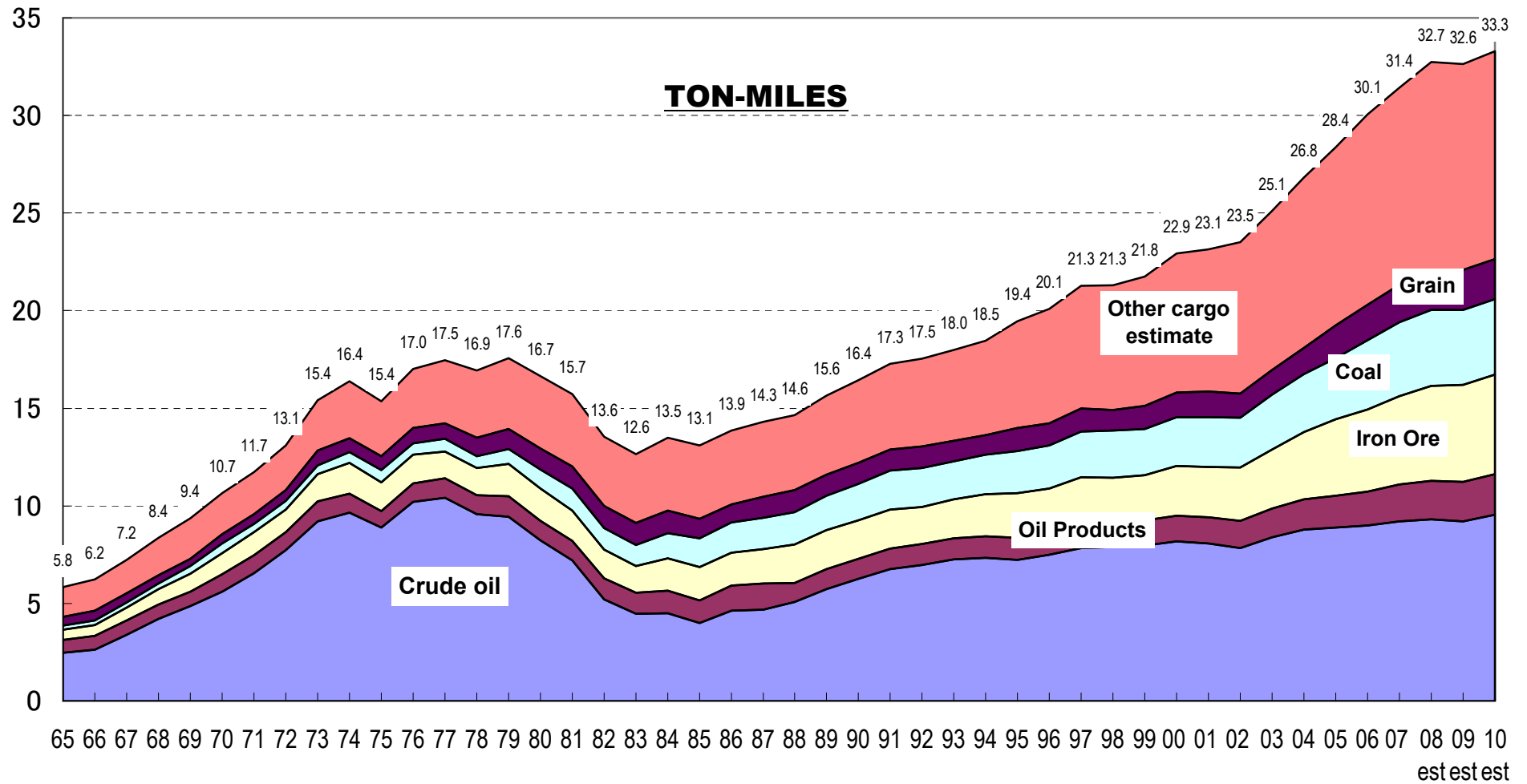
(Billion Ton-Mile)

	Crude oil	Oil Products	Oil Total	Iron ore	Coal	Grain	3 major bulk total	Other cargo est.	World Total	Growth Rate %
1965	2,480	640	3,120	527	216	449	1,192	1,537	5,849	
1966	2,629	700	3,329	575	226	495	1,296	1,613	6,238	6.7
1967	3,400	730	4,130	651	269	464	1,384	1,716	7,230	15.9
1968	4,197	750	4,947	775	310	407	1,492	1,933	8,372	15.8
1969	4,853	760	5,613	919	385	367	1,671	2,090	9,374	12.0
1970	5,598	890	6,488	1,093	481	475	2,049	2,118	10,655	13.7
1971	6,555	900	7,455	1,185	434	487	2,106	2,169	11,730	10.1
1972	7,720	930	8,650	1,156	444	548	2,148	2,306	13,104	11.7
1973	9,207	1,010	10,217	1,398	467	760	2,625	2,562	15,404	17.6
1974	9,661	960	10,621	1,578	558	695	2,831	2,935	16,387	6.4
1975	8,885	845	9,730	1,471	621	734	2,826	2,810	15,366	-6.2
1976	10,199	950	11,149	1,469	591	779	2,839	3,035	17,023	10.8
1977	10,408	995	11,403	1,386	643	801	2,830	3,220	17,453	2.5
1978	9,561	985	10,546	1,384	604	945	2,933	3,455	16,934	-3.0
1979	9,452	1,045	10,497	1,649	778	1,026	3,453	3,605	17,555	3.7
1980	8,219	1,020	9,239	1,651	957	1,087	3,695	3,720	16,654	-5.1
1981	7,193	1,000	8,193	1,558	1,124	1,131	3,813	3,710	15,716	-5.6
1982	5,212	1,070	6,282	1,478	1,111	1,120	3,709	3,560	13,551	-13.8
1983	4,478	1,080	5,558	1,359	1,074	1,135	3,568	3,510	12,636	-6.8
1984	4,508	1,140	5,648	1,670	1,289	1,157	4,116	3,720	13,484	6.7
1985	4,007	1,150	5,157	1,702	1,473	1,004	4,179	3,750	13,086	-3.0
1986	4,640	1,265	5,905	1,699	1,558	914	4,171	3,780	13,856	5.9
1987	4,671	1,345	6,016	1,761	1,622	1,061	4,444	3,840	14,300	3.2
1988	5,065	993	6,058	1,950	1,682	1,117	4,749	3,840	14,647	2.4
1989	5,736	1,013	6,749	2,012	1,752	1,095	4,859	4,040	15,648	6.8
1990	6,261	1,029	7,290	1,978	1,849	1,073	4,900	4,250	16,440	5.1
1991	6,757	1,044	7,801	2,008	1,999	1,069	5,076	4,400	17,277	5.1
1992	6,977	1,066	8,043	1,896	2,001	1,091	4,988	4,510	17,541	1.5
1993	7,251	1,087	8,338	2,001	1,949	1,038	4,988	4,650	17,976	2.5
1994	7,330	1,110	8,440	2,165	2,014	992	5,171	4,840	18,451	2.6
1995	7,224	1,132	8,356	2,287	2,176	1,160	5,623	5,470	19,449	5.4
1996	7,495	1,167	8,662	2,227	2,217	1,126	5,570	5,863	20,095	3.3
1997	7,830	1,203	9,033	2,444	2,332	1,169	5,945	6,293	21,271	5.9
1998	7,889	1,241	9,130	2,306	2,419	1,064	5,789	6,370	21,289	0.1
1999	7,980	1,279	9,259	2,317	2,363	1,186	5,866	6,632	21,757	2.2
2000	8,180	1,319	9,499	2,545	2,509	1,244	6,298	7,130	22,927	5.4
2001	8,074	1,345	9,419	2,575	2,552	1,322	6,449	7,263	23,131	0.9
2002	7,848	1,394	9,242	2,731	2,549	1,241	6,521	7,753	23,516	1.7
2003	8,390	1,460	9,850	3,035	2,810	1,273	7,118	8,156	25,124	6.8
2004	8,795	1,545	10,340	3,444	2,960	1,350	7,754	8,720	26,814	6.7
2005	8,875	1,652	10,527	3,918	3,113	1,686	8,717	9,132	28,376	5.8
2006	8,983	1,758	10,741	4,192	3,540	1,822	9,554	9,763	30,058	5.9
2007	9,214	1,870	11,084	4,544	3,778	1,927	10,249	10,092	31,425	4.5
2008 est	9,300	1,992	11,292	4,849	3,905	2,029	10,783	10,671	32,746	4.2
2009 est	9,200	2,041	11,241	4,950	3,850	2,045	10,845	10,558	32,644	-0.3
2010 est	9,550	2,082	11,632	5,105	3,850	2,045	11,000	10,659	33,291	2.0

(Note) Source : Fearnleys "Review 2008". After 1988, Oil products exclude NGL, LPG & LNG.

Fig 11. WORLD SEABORNE TRADE

Trillion Ton-Mile



(Note) Data Source : Fearnleys "Review".

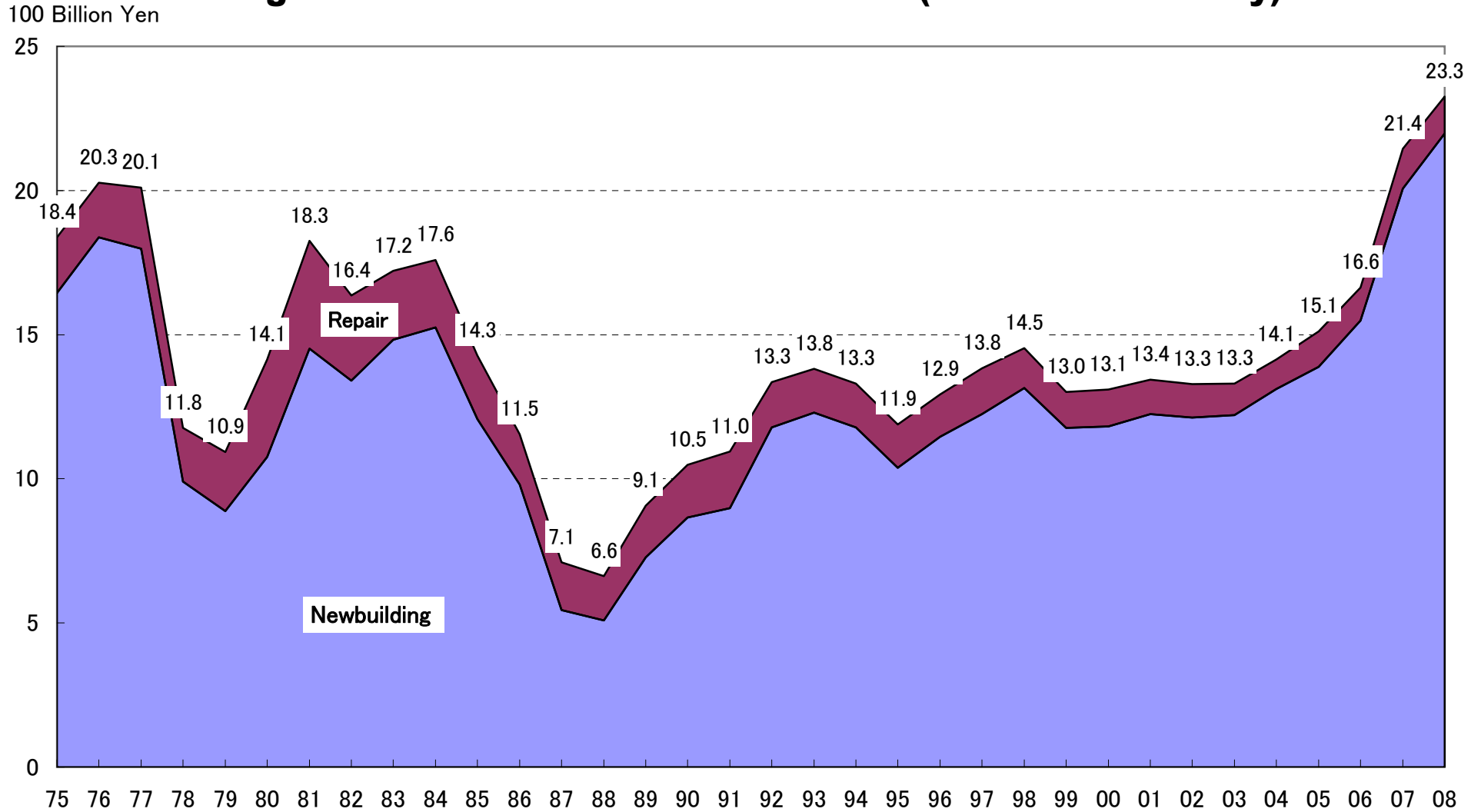
12. NEWBUILDING/REPAIR SALES (SAJ Members Only)

(Unit : 100 Million Yen)

Fiscal year	Newbuilding	share (%)	Repair	share (%)	Total	No. of company
1975	16,453	89.5	1,920	10.5	18,373	23
1976	18,374	90.7	1,890	9.3	20,264	23
1977	17,989	89.5	2,103	10.5	20,092	23
1978	9,906	84.2	1,856	15.8	11,762	23
1979	8,877	81.2	2,052	18.8	10,929	23
1980	10,750	76.0	3,395	24.0	14,145	23
1981	14,514	79.5	3,740	20.5	18,254	23
1982	13,412	82.0	2,941	18.0	16,353	23
1983	14,820	86.1	2,385	13.9	17,205	23
1984	15,249	86.7	2,347	13.3	17,596	23
1985	12,067	84.5	2,206	15.5	14,273	23
1986	9,800	84.9	1,737	15.1	11,537	18
1987	5,448	76.7	1,658	23.3	7,106	18
1988	5,086	76.7	1,542	23.3	6,628	18
1989	7,279	80.2	1,796	19.8	9,075	18
1990	8,665	82.7	1,817	17.3	10,482	18
1991	8,990	82.1	1,961	17.9	10,951	18

Fiscal year	Newbuilding	share (%)	Repair	share (%)	Total	No. of company
1992	11,780	88.3	1,567	11.7	13,347	18
1993	12,288	88.9	1,529	11.1	13,817	18
1994	11,789	88.6	1,518	11.4	13,307	18
1995	10,378	87.3	1,515	12.7	11,893	18
1996	11,453	88.6	1,480	11.4	12,933	18
1997	12,247	88.6	1,577	11.4	13,824	18
1998	13,141	90.4	1,397	9.6	14,538	18
1999	11,768	90.4	1,249	9.6	13,017	18
2000	11,820	90.3	1,276	9.7	13,096	18
2001	12,240	91.1	1,201	8.9	13,441	18
2002	12,128	91.3	1,157	8.7	13,285	21
2003	12,202	91.8	1,094	8.2	13,296	19
2004	13,122	92.8	1,024	7.2	14,146	19
2005	13,891	91.9	1,227	8.1	15,118	20
2006	15,485	93.1	1,140	6.9	16,625	20
2007	20,072	93.6	1,378	6.4	21,449	20
2008	21,974	94.5	1,289	5.5	23,264	20

Fig 12. NEWBUILDING/REPAIR SALES (SAJ Members Only)



13. ORDINARY STEEL CONSUMPTION BY SHIPBUILDING INDUSTRY

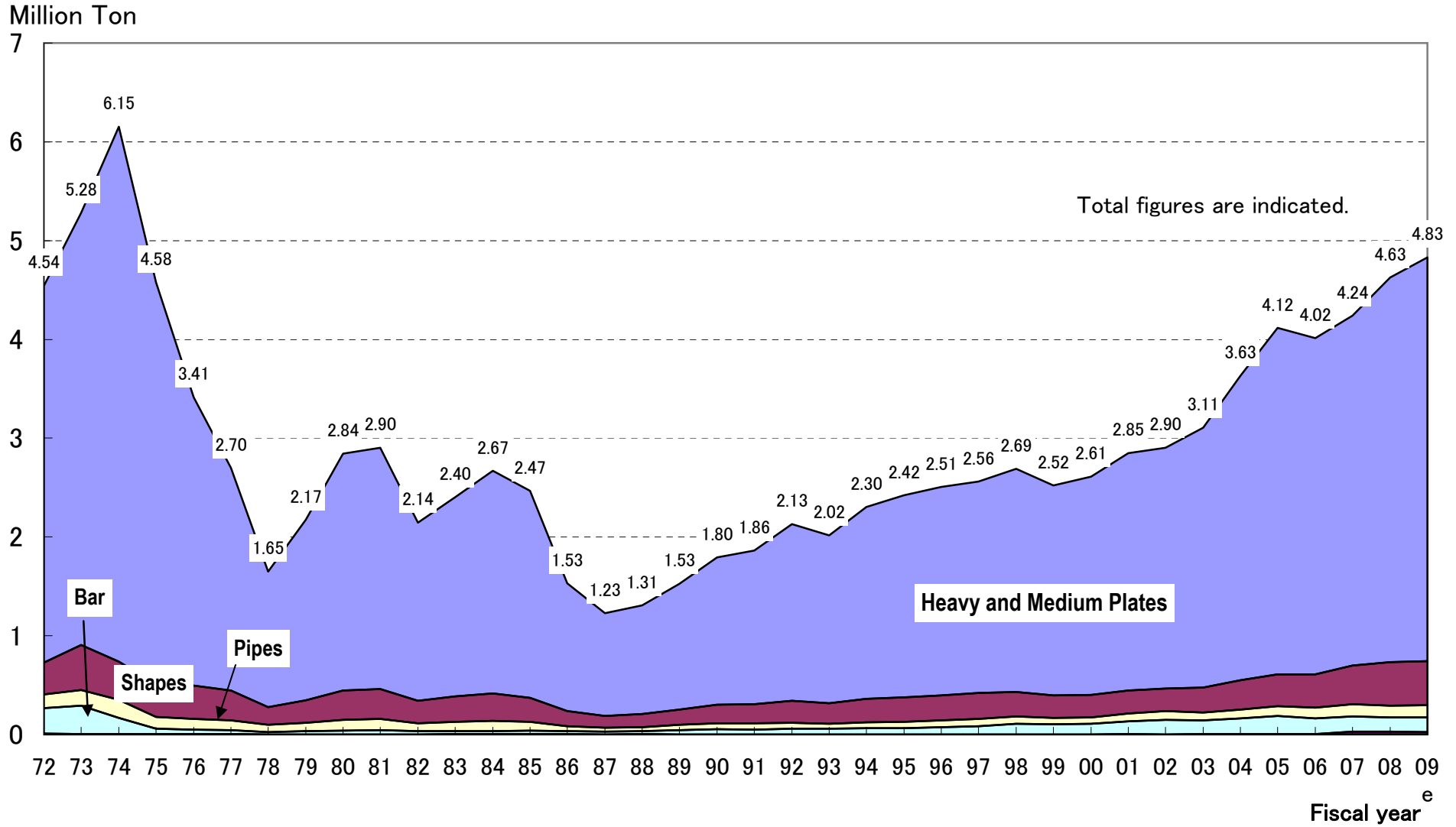
(Unit : Ton)

Year Steel type	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Plates	3,815,241	4,372,749	5,416,302	4,068,621	2,916,624	2,254,240	1,372,564	1,828,327	2,397,987	2,444,153	1,801,536	2,017,055	2,255,608	2,094,004	1,293,794	1,039,215	1,098,946	1,271,433	1,494,663
Shapes	318,952	457,781	384,859	329,191	339,550	302,052	177,810	227,958	298,407	301,588	228,451	256,014	275,769	243,796	150,972	119,794	133,888	155,351	184,962
Pipes	139,922	158,329	185,487	122,682	108,295	99,972	71,880	84,045	107,572	113,963	79,099	94,844	101,547	88,345	51,648	40,806	42,703	54,623	62,620
Bars	259,317	285,833	164,050	53,708	43,211	40,086	24,864	30,254	37,313	42,479	33,225	32,857	34,007	36,539	30,484	25,467	30,649	42,783	50,948
Others	7,902	4,235	3,722	3,375	5,564	4,276	2,329	2,332	1,916	1,650	1,525	2,793	2,783	2,833	2,493	2,422	2,787	2,322	2,120
Total	4,541,334	5,278,927	6,154,420	4,577,577	3,413,244	2,700,626	1,649,447	2,172,916	2,843,195	2,903,833	2,143,836	2,403,563	2,669,714	2,465,517	1,529,391	1,227,704	1,308,973	1,526,512	1,795,313

Year Steel type	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09 (estimation)
Plates	1,552,328	1,785,552	1,700,449	1,938,704	2,045,016	2,110,196	2,139,071	2,256,065	2,122,552	2,212,440	2,405,927	2,433,287	2,631,493	3,080,297	3,506,815	3,405,778	3,541,567	3,896,154	4,087,989
Shapes	195,517	223,333	203,587	238,572	247,857	254,153	260,732	251,859	226,351	226,704	232,807	231,137	255,759	299,493	326,354	339,370	392,009	439,446	442,894
Pipes	62,958	61,653	52,533	59,169	63,716	67,543	73,144	73,594	66,883	62,438	76,786	85,842	78,853	89,420	98,606	104,144	123,032	119,301	126,178
Bars	48,860	55,507	57,142	63,728	64,237	72,428	84,429	106,160	102,238	108,458	130,070	148,581	139,794	158,874	182,227	158,556	154,897	144,729	147,739
Others	1,648	2,090	1,497	2,038	2,200	1,621	1,562	1,137	1,446	1,980	4,079	2,462	2,679	3,569	4,387	7,352	29,433	27,959	25,274
Total	1,861,311	2,128,135	2,015,208	2,302,211	2,423,026	2,505,941	2,558,938	2,688,815	2,519,470	2,612,020	2,849,669	2,901,309	3,108,578	3,631,653	4,118,389	4,015,200	4,240,938	4,627,589	4,830,074

- (Note) 1. Data Source : SAJ members only. Uses are limited to shipbuilding and offshore structures.
2. Fiscal Year Basis : from 1st April to 31st March.
3. From 2006, Purchasing basis.

Fig 13. ORDINARY STEEL CONSUMPTION BY SHIPBUILDING INDUSTRY



(Note) 1. Data Source : SAJ members only. Uses are limited to shipbuilding and offshore structures.
 2. From 2006, purchasing basis.

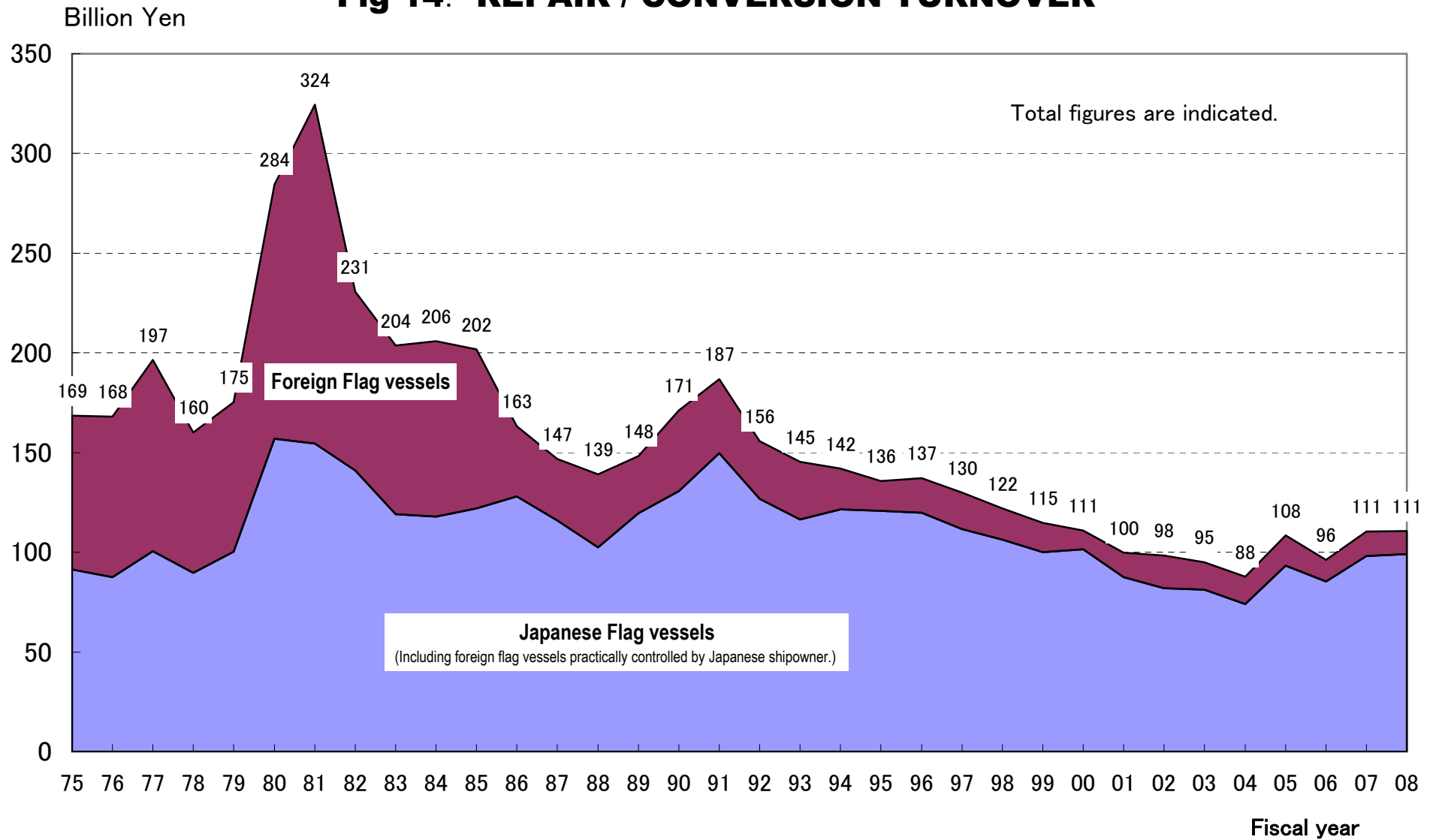
14. REPAIR / CONVERSION TURNOVER

Flag/Types of work	75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91	
	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover		
		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill
: Docking work	2,331	687	2,498	713	2,951	770	2,876	725	2,689	837	2,659	1,111	2,632	1,174	2,844	1,124	2,769	1,054	2,588	936	2,722	985	2,629	1,013	2,488	959	2,297	851	2,279	987	2,007	1,166	2,090	1,295
: Damaged repair	325	91	329	40	358	70	425	36	285	30	160	47	127	107	159	38	141	42	132	22	143	40	158	35	174	48	135	44	111	37	135	71	147	112
: Converter	44	77	32	63	40	112	50	93	36	95	49	372	38	242	33	224	34	73	26	154	36	157	46	183	49	100	35	68	25	113	13	18	8	16
: Running/Afloat repair	1,016	60	1,048	60	614	54	546	42	537	40	522	38	482	22	562	25	509	21	630	66	836	38	963	50	1,195	54	952	61	859	58	792	51	850	73
Japanese Flag vessels Total	3,716	914	3,907	875	3,963	1,005	3,897	896	3,547	1,003	3,390	1,569	3,279	1,545	3,598	1,410	3,453	1,190	3,376	1,178	3,737	1,220	3,796	1,281	3,906	1,160	3,419	1,024	3,274	1,195	2,947	1,307	3,095	1,496
: Docking work	1,070	427	1,162	459	949	426	890	319	893	372	904	544	925	739	745	488	733	397	679	335	621	318	454	237	397	180	424	210	420	231	339	255	401	298
: Damaged repair	94	98	87	92	72	33	52	61	87	93	52	50	44	109	72	90	42	48	74	74	61	41	36	20	43	28	44	18	28	20	42	34	47	48
: Converter	32	193	26	187	55	442	47	277	41	231	49	606	48	798	20	275	20	353	35	409	35	392	5	54	16	79	11	106	4	17	7	73	0	0
: Running/Afloat repair	780	54	920	69	679	59	565	47	552	53	449	75	508	53	452	42	475	50	397	64	385	47	281	40	219	21	228	34	128	20	123	44	130	27
Foreign Flag vessels Total	1,976	771	2,195	806	1,755	960	1,554	704	1,573	749	1,454	1,275	1,525	1,699	1,289	895	1,270	848	1,185	881	1,102	798	776	351	675	308	707	368	580	289	511	406	578	373
: Docking work	3,401	1,114	3,660	1,172	3,900	1,196	3,766	1,045	3,582	1,209	3,563	1,655	3,557	1,913	3,589	1,612	3,502	1,450	3,267	1,271	3,343	1,303	3,083	1,250	2,885	1,139	2,721	1,061	2,699	1,218	2,346	1,422	2,491	1,594
: Damaged repair	419	189	416	131	430	103	477	97	372	123	212	98	171	216	231	128	183	90	206	96	204	82	194	55	217	76	179	62	139	58	177	105	194	160
: Converter	76	270	58	250	95	554	97	370	77	327	98	978	86	1,040	53	499	54	425	61	563	71	549	51	238	65	179	46	174	29	130	20	91	8	16
: Running/Afloat repair	1,796	113	1,968	129	1,293	112	1,111	112	899	94	971	113	990	75	1,014	67	984	72	1,027	130	1,221	85	1,244	90	1,414	75	1,180	95	987	79	915	95	980	100
Grand Total	5,692	1,686	6,102	1,681	5,718	1,965	5,451	1,601	5,120	1,752	4,844	2,843	4,804	3,244	4,887	2,306	4,723	2,038	4,561	2,059	4,839	2,018	4,572	1,632	4,581	1,468	4,126	1,391	3,854	1,484	3,458	1,713	3,673	1,869
No. of surveyed company	22		22		22		1Half 22, 2Half 21		1Half 21, 2Half 18		21		1Half 21, 2Half 23		23		23		23		23		21		17		17		17		1Half 18, 2Half 19			

Flag/Types of work	92		93		94		95		96		97		98		99		00		01		02		03		04		05		06		07		08	
	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover	No.	Turnover		
		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill		¥100 Mill
: Docking work	1,989	1,077	1,928	1,021	1,971	1,121	1,970	1,107	1,908	1,082	1,737	1,003	1,582	950	1,404	897	1,142	931	1,194	813	1,093	748	1,041	753	1,111	692	1,084	837	946	751	1,006	911	997	912
: Damaged repair	110	70	84	20	75	28	60	24	80	37	63	21	53	20	47	24	37	13	31	10	31	12	7	1	26	12	23	13	23	20	13	2	9	3
: Converter	25	48	29	47	13	10	12	17	17	24	21	48	23	34	14	12	17	25	11	22	17	28	8	19	11	8	10	31	9	20	7	21	12	26
: Running/Afloat repair	785	74	751	77	740	57	758	60	643	56	575	43	441	59	406	68	309	45	294	31	231	31	217	39	237	29	392	52	366	63	341	46	240	49
Japanese Flag vessels Total	2,909	1,269	2,792	1,164	2,799	1,215	2,800	1,207	2,648	1,199	2,396	1,115	2,099	1,064	1,871	1,001	1,505	1,014	1,530	876	1,372	820	1,273	811	1,385	741	1,509	933	1,344	854	1,367	981	1,258	990
: Docking work	316	237	263	192	262	149	166	106	161	119	192	155	115	121	131	114	85	79	78	104	95	142	107	121	142	118	128	128	104	81	135	109	93	101
: Damaged repair	42	28	38	22	23	13	28	12	25	10	17	4	5	3	7	5	5	4	12	5	6	1	4	2	6	2	4	0	6	17	1	0	7	8
: Converter	2	3	5	52	3	13	2	5	6	22	3	17	3	18	3	15	0	0	1	2	3	5	1	3	2	4	1	4	2	2	5	0	0	
: Running/Afloat repair	128	20	137	25	138	30	81	28	67	20	55	9	53	13	30	12	36	12	39	10	49	16	18	12	67	12	43	19	31	8	23	11	17	7
Foreign Flag vessels Total	488	287	443	290	426	205	277	151	259	172	267	184	176	155	171	146	126	95	130	121	153	164	130	139	217	136	176	151	143	108	161	124	117	116
: Docking work	2,305	1,314	2,191	1,212	2,233	1,270	2,136	1,213	2,069	1,201	1,929	1,158	1,697	1,071	1,535	1,011	1,227	1,010	1,272	917	1,188	890	1,148	874	1,253	809	1,212	965	1,050	832	1,141	1,020	1,090	1,013
: Damaged repair	152	98	122	41	98	41	88	36	105	47	80	26	58	23	54	29	42	17	43	15	37	13	11	3	32	14	27	14	29	37	14	2	16	11
: Converter	27	50	34	99	16	23	14	22	23	47	24	65	26	52	17	27	17	25	12	24	20	33	9	22	13	13	11	34	11	22	9	26	12	26
: Running/Afloat repair	913	94	888	102	878	86	839	88	710	76	630	52	494	72	436	80	345	57	333	41	280	47	235	51	304	41	435	71	397	71	364	57	257	56
Grand Total	3,397	1,556	3,235	1,454	3,225	1,420	3,077	1,358	2,907	1,371	2,663	1,300	2,275	1,219	2,042	1,147	1,631	1,109	1,660	997	1,525	983	1,403	950	1,602	876	1,685	1,084	1,487	962	1,528	1,105	1,375	1,105
No. of surveyed company	19		19		19		19		19		18		18		17		17		16		1Half 16, 2Half 14		14		14		1Half 15, 2Half 14		14		14		14	

- (Note) 1. Data Source : SAJ members and associate member only. Fiscal year basis.
2. Docking work is mainly composed of Special survey and Intermediate survey.
3. The definition of "Japanese Flag vessels" in this table includes foreign flag vessels which are practically controlled by Japanese shipowner.

Fig 14. REPAIR / CONVERSION TURNOVER



(Note) Data Source : SAJ members and associate member only.

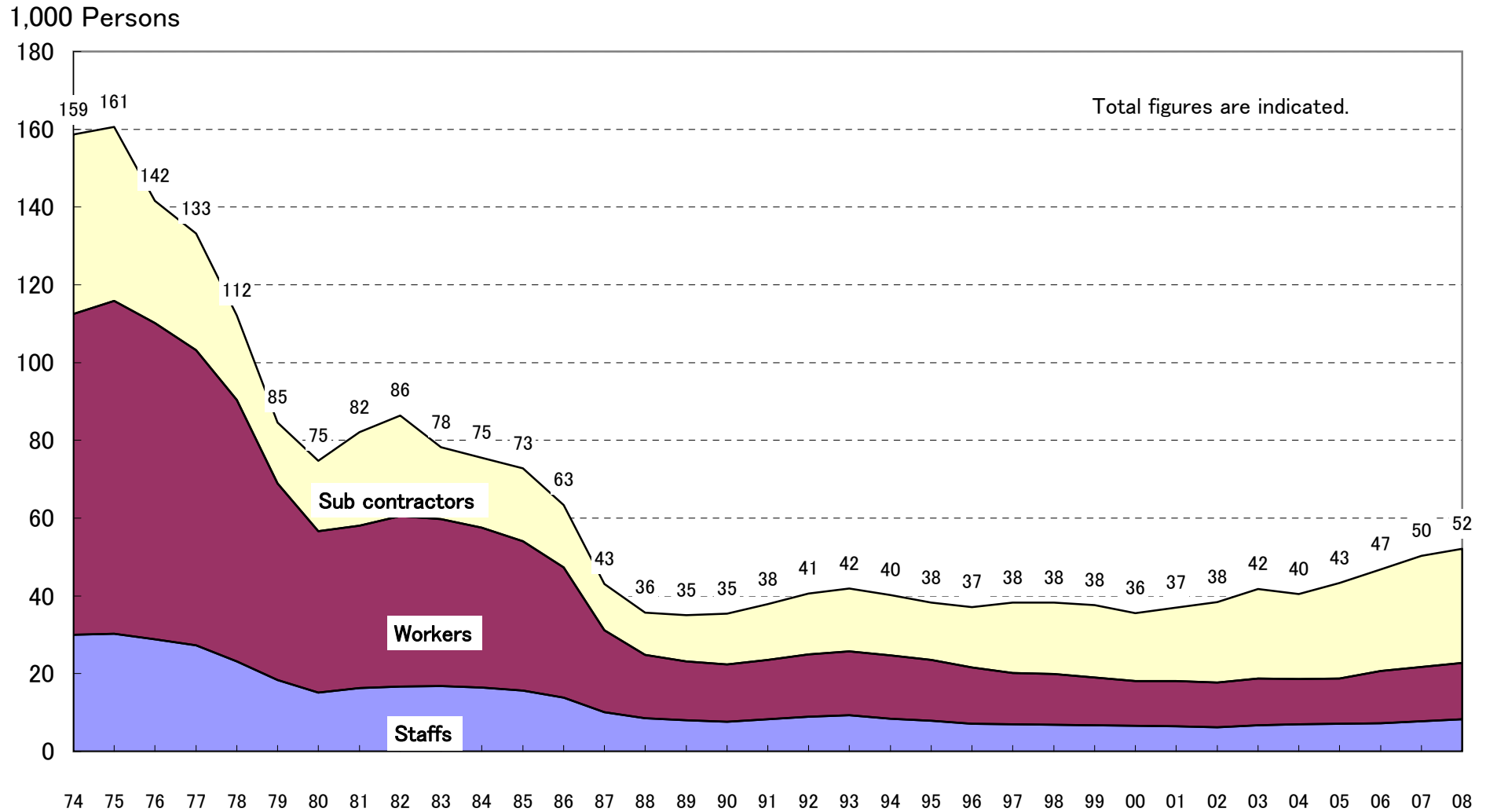
15. SHIPBUILDING WORKFORCE (SAJ Members)

(Unit : Person)

Division Year	Shipbuilding Division Employee			No. of surveyed Companies & Yards	Total Employee (Inc. other division)	Subcontractor (shipbuilding division)	Employee + Subcon. Total
	Total	Staff	Worker				
1974	112,480	29,955	82,525	23 co. & 52 yards	282,639	46,121	158,601
75	115,905	30,285	85,620	23 co. & 51 yards	288,363	44,642	160,547
76	110,235	28,869	81,366	23 co. & 51 yards	-	31,340	141,575
77	103,153	27,235	75,918	23 co. & 51 yards	264,309	30,053	133,206
78	90,409	23,163	67,246	23 co. & 49 yards	246,386	21,661	112,070
79	68,922	18,309	50,613	23 co. & 48 yards	214,110	15,664	84,586
80	56,638	15,155	41,483	23 co. & 46 yards	201,196	18,050	74,688
81	58,037	16,244	41,793	23 co. & 46 yards	204,583	24,135	82,172
82	60,482	16,637	43,845	23 co. & 46 yards	204,390	25,908	86,390
83	59,803	16,770	43,033	23 co. & 45 yards	203,150	18,422	78,225
84	57,504	16,418	41,086	23 co. & 44 yards	195,468	17,992	75,496
85	54,065	15,692	38,373	23 co. & 43 yards	189,053	18,699	72,764
86	47,380	13,865	33,515	23 co. & 44 yards	176,167	16,034	63,414
87	31,134	10,140	20,994	21 co. & 40 yards	146,393	11,866	43,000
88	24,844	8,533	16,311	18 co. & 40 yards	132,559	10,846	35,690
89	23,096	8,049	15,047	18 co. & 39 yards	128,106	12,006	35,102
90	22,351	7,639	14,712	18 co. & 38 yards	127,299	13,056	35,407
91	23,516	8,305	15,211	18 co. & 38 yards	130,007	14,412	37,928
92	24,946	8,873	16,073	18 co. & 38 yards	133,881	15,664	40,610
93	25,677	9,366	16,311	18 co. & 38 yards	134,338	16,266	41,943
94	24,714	8,397	16,317	18 co. & 38 yards	129,849	15,514	40,228
95	23,564	7,886	15,678	18 co. & 38 yards	124,362	14,752	38,316
96	21,623	7,066	14,557	18 co. & 37 yards	117,324	15,480	37,103
97	20,121	6,925	13,196	18 co. & 37 yards	113,107	18,215	38,336
98	19,927	6,872	13,055	18 co. & 36 yards	111,351	18,298	38,225
99	19,022	6,753	12,269	18 co. & 35 yards	107,249	18,622	37,644
00	18,088	6,570	11,518	18 co. & 33 yards	100,785	17,479	35,567
01	18,151	6,441	11,710	18 co. & 35 yards	94,108	18,865	37,016
02	17,656	6,245	11,411	18 co. & 34 yards	89,112	20,755	38,411
03	18,762	6,771	11,991	17 co. & 33 yards	78,433	23,048	41,810
04	18,667	6,975	11,692	17 co. & 32 yards	78,433	21,771	40,438
05	18,727	7,051	11,676	17 co. & 32 yards	71,596	24,608	43,335
06	20,646	7,269	13,377	18 co. & 35 yards	72,994	26,188	46,834
07	21,663	7,702	13,961	18 co. & 35 yards	71,542	28,577	50,240
08	22,712	8,295	14,417	18 co. & 35 yards	-	29,391	52,103

(Note) As of 1st April in each year.

Fig 15. SHIPBUILDING WORKFORCE (SAJ Members)



(Note) As of 1st April in each year.

Annex 3.
Existing Tanker Fleet

Source ; Fearnleys "Oil and Tanker Market, No.2/2009"

Age and Size Distribution, 1st July 2009

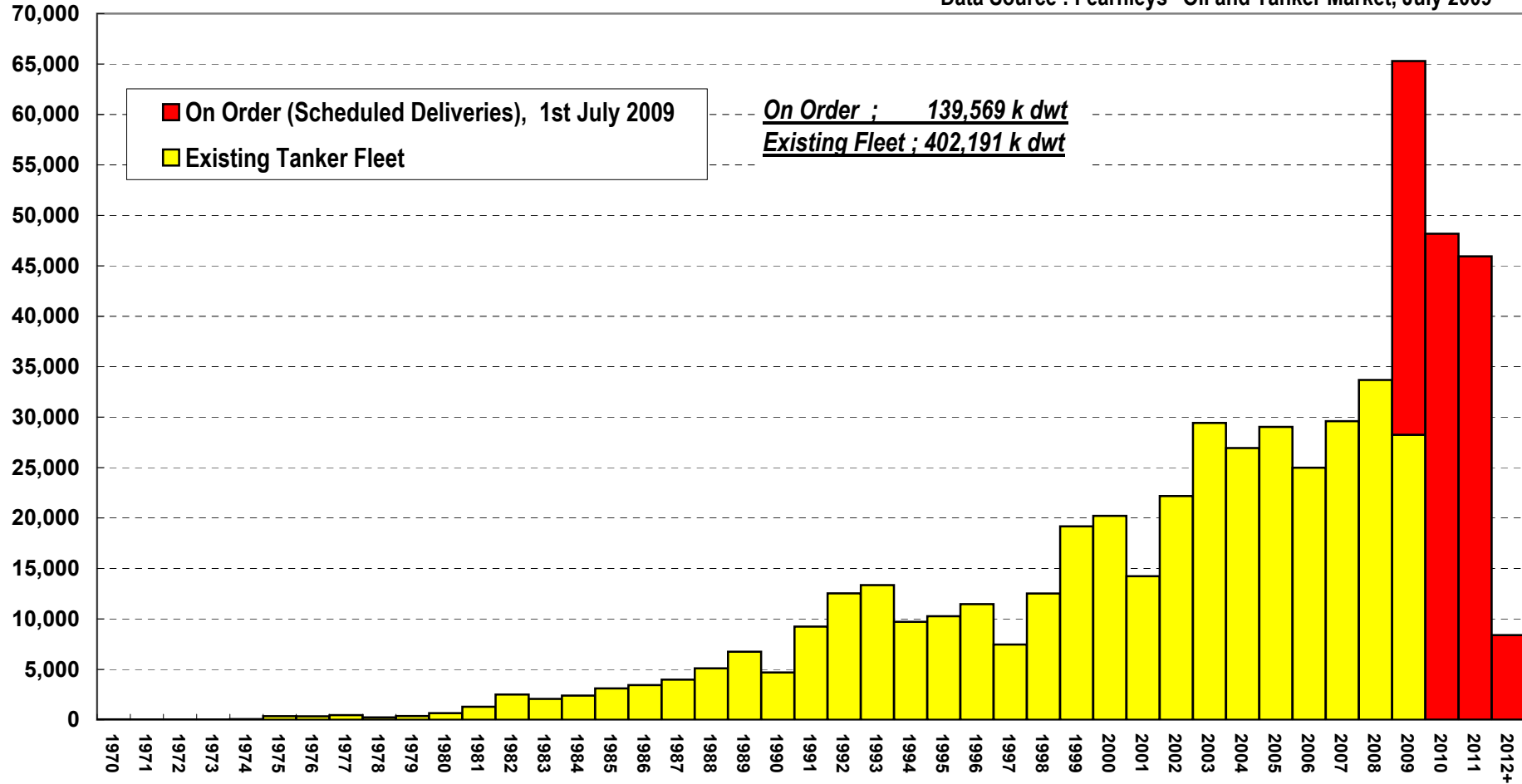
On Order (Scheduled Deliveries), 1st July 2009

Size Built Y	10-25 k dwt		25-40 k dwt		40-55 k dwt		55-85 k dwt		85-120 k dwt		120-200 k dwt		200-320 k dwt		320 k dwt +		Number of ship '000 DWT				
	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order			
	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order			
1970	1		1														2	43			
1971	2																2	27			
1972			1														1	30			
1973	1																1	22			
1974	4																4	65			
1975	7		4								1						12	353			
1976	3		7				1										11	344			
1977	7		10														17	459			
1978	3		1		1						1						6	235			
1979	12				1						1						14	366			
1980	12		2		1		4		1								20	661			
1981	14		11		6		4		2								37	1,295			
1982	24		20		15		5		1		1		1				67	2,504			
1983	9		16		7		12		1		2						47	2,073			
1984	9		8		14		17		1		1						50	2,394			
1985	9		17		15		9		9				1				60	3,106			
1986	9		18		11		13		12		1						64	3,441			
1987	7		14		16		10		10		2		3				62	3,975			
1988	8		16		12		9		4		7		7				63	5,103			
1989	5		15		10		7		10		9		11				67	6,748			
1990	3		12		9		12		15		1		5				57	4,690			
1991	1		7		18		5		22		15		13				81	9,244			
1992	4		11		20		5		33		20		17				110	12,526			
1993	10		15		10		15		25		11		25				111	13,344			
1994	7		13		9		4		19		9		18				79	9,711			
1995	11		7		15		5		11		8		23				80	10,270			
1996	9		12		34		5		14		9		22				105	11,463			
1997	3		5		21		1		19		11		9				69	7,463			
1998	10		10		26		1		33		21		14				115	12,521			
1999	9		15		36		10		46		16		30				162	19,176			
2000	13		18		23		16		22		22		39				153	20,218			
2001	7		28		13		5		13		16		28				110	14,237			
2002	10		34		31		9		36		24		35		1		180	22,175			
2003	17		49		55		22		77		25		35		1		281	29,428			
2004	17		53		81		36		53		25		29				294	26,940			
2005	34		42		74		45		63		26		31				315	29,036			
2006	57		45		88		42		52		26		19				329	24,981			
2007	75		45		99		43		56		25		29				372	29,597			
2008	122		39		128		41		69		13		38				450	33,687			
2009	56	81	17	18	78	119	26	41	64	64	25	49	35	38			297	410	28,240	37,061	
2010		47		42		127		31	95	95		47	64					453		48,180	
2011		13		27		88		32	55	55		41	82					338		45,933	
2012+		5		0		25		0	4	4		10	16					60		8,395	
Total		621	146	638	87	977	359	439	104	789	218	374	147	517	200	2	0	4,357	1,261	402,191	139,569

DWT : Existing All Tanker (over 10,000 dwt) Age Distribution & On Order as of 1st July 2009

'000 DWT

Data Source : Fearnleys "Oil and Tanker Market, July 2009"



Annex 4.

Source ; Fearnleys "Dry Bulk Market, No.1/2009"

Existing Bulk Carrier Fleet

Age and Size Distribution, 1st April 2009

On Order (Scheduled Deliveries), 1st April 2009

Size	Number of ship '000 DWT																	
	10-25 k dwt		25-40 k dwt		40-50 k dwt		50-60 k dwt		60-100 k dwt		100-200 k dwt		200 k dwt +		All 10 k dwt +		All 10 k dwt +	
	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order	Existing	On Order
1970	25		9												34		705	
1971	3		8												11		310	
1972	5		4												9		209	
1973	7		8												15		353	
1974	20		14				1								35		813	
1975	31		24		2		4		4						65		1,705	
1976	46		22		4		4		5						81		2,090	
1977	79		96		13		3		7		1				199		5,813	
1978	74		57		12		2		8		1				154		4,420	
1979	44		31		7		3		7				1		93		3,051	
1980	43		37		1		2		11						94		2,868	
1981	57		60		9		1		55		20				202		9,781	
1982	42		87		30		5		70		21		2		257		13,470	
1983	39		86		29				52		4		2		212		9,462	
1984	58		168		62		3		56		14				361		15,593	
1985	52		139		90		2		23		16		2		324		14,515	
1986	29		74		49		5		20		22		6		205		11,931	
1987	12		27		20		2		27		13		6		107		7,687	
1988	6		7		11		2		19		4		4		53		3,858	
1989	11		22		18		3		35		9		7		105		7,304	
1990	12		16		25		3		30		34		10		130		11,403	
1991	11		11		29		3		18		21		3		96		7,326	
1992	15		16		14		1		7		18		10		81		7,482	
1993	16		13		6		4		34		26		9		108		9,838	
1994	19		17		53		3		58		27		2		179		12,071	
1995	34		46		77		1		61		34				253		15,357	
1996	37		48		85		4		47		45		2		268		17,382	
1997	41		63		70		7		77		38		4		300		19,160	
1998	38		37		64		8		59		11				217		11,314	
1999	30		33		36		7		63		26		1		196		12,981	
2000	18		36		28		11		65		29				187		13,120	
2001	18		42		30		69		116		33		1		309		21,003	
2002	13		45		30		61		57		19		1		226		13,928	
2003	7		39		11		52		25		28				162		11,377	
2004	13		52		13		64		81		38		5		266		19,767	
2005	12		53		4		97		96		35		10		307		22,997	
2006	16		38		6		87		105		49		8		309		25,004	
2007	28		49		15		80		83		37		21		313		24,598	
2008	24		72		11		100		82		30		14		333		23,606	
2009	8	25	20	232	1	13	41	276	22	137	11	141	4	36	107	860	7,925	69,092
2010		21		209		6		313		270		294		31		1,144		106,263
2011		3		168		7		212		185		135		50		760		69,260
2012+		2		91				66		101		57		37		354		33,762
Total	1,093	51	1,726	700	965	26	745	867	1,585	693	714	627	135	154	6,963	3,118	423,577	278,377

DWT : Existing All Bulk Carrier (over 10,000 dwt) Age Distribution & On Order as of 1st April 2009

'000 DWT

Data Source : Fearnleys "Dry Bulk Market, April 2009"

