

# Shipbuilding Statistics

SEPTEMBER, 2023



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# 1. World Completions

	Year	Japan		S. Korea		China		Europe		Others		World Total	
		Mill. GT	%	Mill. GT	%	Mill. GT	%	Mill. GT	%	Mill. GT	%	Mill. GT	%
Completions	2001	11.8	37.9	11.9	38.3	1.8	5.8	4.5	14.5	1.1	3.5	31.1	100
	2002	12.1	35.4	13.0	38.0	2.6	7.6	5.1	14.9	1.4	4.1	34.2	100
	2003	12.5	34.4	13.8	38.0	3.8	10.5	4.7	12.9	1.5	4.1	36.3	100
	2004	14.6	35.8	15.2	37.3	4.9	12.0	4.6	11.3	1.5	3.7	40.8	100
	2005	16.4	34.9	18.2	38.7	6.3	13.4	4.6	9.8	1.5	3.2	47.0	100
	2006	18.1	34.0	19.0	35.7	8.4	15.8	5.8	10.9	1.9	3.6	53.2	100
	2007	17.4	30.4	20.6	36.0	10.8	18.9	6.4	11.2	2.0	3.5	57.2	100
	2008	18.8	27.6	26.4	38.8	14.4	21.1	6.4	9.4	2.1	3.1	68.1	100
	2009	19.0	24.2	28.9	36.8	23.5	29.9	5.0	6.4	2.1	2.7	78.5	100
	2010	20.1	20.5	32.2	32.8	37.8	38.5	4.8	4.9	3.2	3.3	98.1	100
	2011	19.3	18.7	35.9	34.7	41.2	39.8	3.0	2.9	4.0	3.9	103.4	100
	2012	17.4	18.0	31.4	32.5	40.3	41.8	2.3	2.4	5.1	5.3	96.5	100
	2013	14.5	20.3	24.8	34.7	27.0	37.8	2.0	2.8	3.1	4.3	71.4	100
	2014	13.4	20.9	22.3	34.7	23.2	36.1	1.8	2.8	3.5	5.5	64.2	100
	2015	12.9	19.1	23.8	35.2	25.4	37.5	1.6	2.4	4.0	5.9	67.7	100
	2016	13.4	20.1	25.7	38.5	22.2	33.3	2.7	4.0	2.7	4.0	66.7	100
	2017	13.1	19.9	22.6	34.3	23.9	36.3	2.4	3.6	3.9	5.9	65.9	100
	2018	14.4	24.7	15.0	25.7	23.4	40.1	2.1	3.6	3.5	6.0	58.4	100
	2019	16.2	24.4	21.7	32.7	23.6	35.6	2.5	3.8	2.3	3.5	66.3	100
	2020	12.8	22.0	18.4	31.7	23.5	40.4	1.7	2.9	1.7	2.9	58.1	100
2021	10.7	17.6	19.7	32.4	27.1	44.6	1.9	3.1	1.4	2.3	60.8	100	
2022	9.6	17.3	16.3	29.3	26.1	46.9	2.5	4.5	1.1	2.0	55.6	100	
23. 1H	4.5	14.4	9.5	30.4	15.9	51.0	0.5	1.6	0.8	2.6	31.2	100	

Note) Clarksons "World Shipyard Monitor" ( the data after 2016 is cited from July-2023 published ver., 2015 is from Jan. 2023 ver., 2014 is from Dec. 2021 ver., ... 2001 is from Dec. 2008 ver.)

## 2. World Merchant Fleets by Ship Type

	2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023	
	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT		
<b>Crude Tankers</b>	1,545	261.2	1,593	271.5	1,595	275.5	1,660	292.3	1,687	300.6	1,774	320.7	1,834	335.9	1,843	340.5	1,824	341.8	1,842	348.1	1,932	368.3	2,012	386.7	2,009	389.0	2,116	414.4	2,179	428.2	2,199	435.1	2,279	453.1
<b>Product Tankers</b>	6,522	91.6	6,764	101.6	7,054	114.5	7,322	126.6	7,506	133.9	7,687	138.8	7,932	142.3	8,205	146.2	8,411	151.7	8,596	159.6	8,802	168.9	8,967	175.6	9,097	179.0	9,270	186.9	9,361	190.8	9,414	194.4	9,499	197.8
<b>Chem / spec. Tankers</b>	2,771	25.5	2,952	27.6	3,226	31.0	3,466	34.1	3,571	35.8	3,659	37.3	3,709	37.8	3,753	38.3	3,815	38.9	3,892	40.7	4,004	42.7	4,105	44.6	4,225	46.5	4,311	47.7	4,402	49.2	4,430	49.8	4,512	51.4
<b>Tankers Total</b>	10,838	378.3	11,309	400.7	11,875	421.0	12,448	453.0	12,764	470.3	13,120	496.8	13,475	516.0	13,801	525.0	14,050	532.4	14,330	548.4	14,738	579.9	15,084	606.9	15,331	614.5	15,697	649.0	15,942	668.2	16,043	679.3	16,290	702.3
<b>Bulkers</b>	6,425	367.8	6,764	392.6	7,161	420.3	7,692	465.1	8,663	544.7	9,506	625.6	10,139	692.0	10,503	731.3	10,800	763.1	11,022	781.4	11,172	798.7	11,410	822.1	11,655	846.0	12,015	879.7	12,369	913.0	12,755	946.0	13,137	972.6
<b>Container ships</b>	4,013	128.7	4,406	145.3	4,772	162.3	4,843	169.9	5,015	184.4	5,139	197.5	5,132	207.3	5,154	217.2	5,187	229.5	5,304	245.4	5,241	246.8	5,252	254.1	5,364	266.6	5,435	275.4	5,495	283.3	5,642	293.8	5,823	305.3
<b>LPG</b>	1,026	11.8	1,061	12.4	1,116	13.9	1,141	14.4	1,167	14.9	1,187	15.1	1,195	15.3	1,225	16.3	1,248	17.0	1,312	19.4	1,383	22.4	1,431	24.3	1,431	24.6	1,453	25.6	1,486	27.0	1,521	28.4	1,568	30.2
<b>LNG</b>	221	14.8	251	17.4	299	22.2	336	25.9	361	28.1	373	28.9	373	29.0	387	30.1	416	32.8	444	35.2	475	37.8	505	40.2	555	44.6	593	48.1	621	50.5	682	55.4	715	57.9
<b>MPP</b>	2,919	25.6	3,083	26.9	3,244	28.1	3,265	27.7	3,334	28.7	3,364	29.2	3,378	29.6	3,358	30.0	3,309	29.8	3,296	30.0	3,266	29.9	3,212	29.6	3,204	29.5	3,205	29.5	3,194	29.2	3,206	29.4	3,242	30.1
<b>General Cargo</b>	14,596	40.5	14,854	41.1	15,263	42.2	15,506	42.3	15,610	42.5	15,538	41.3	15,461	40.1	15,460	39.6	15,473	39.3	15,580	39.5	15,689	39.6	15,739	39.8	15,799	39.9	15,922	40.3	16,046	40.7	16,167	41.4	16,312	42.5
<b>Other Non Cargo</b>	32,579	87.5	33,589	92.6	34,831	97.9	36,143	99.7	37,393	107.0	38,682	109.9	40,046	109.6	41,329	110.7	42,665	113.7	43,733	116.0	44,542	117.5	45,203	118.5	45,804	121.0	46,541	121.0	47,021	119.8	47,695	121.5	48,308	124.0
<b>All Vessels Types</b>	72,617	1,055.0	75,317	1,129.0	78,561	1,207.9	81,374	1,298.0	84,307	1,420.6	86,909	1,544.3	89,199	1,638.9	91,217	1,700.2	93,148	1,757.6	95,021	1,815.3	96,506	1,872.6	97,836	1,935.5	99,143	1,986.7	100,861	2,068.6	102,174	2,131.7	103,711	2,195.2	105,395	2,264.9

Note) 1. Clarkson's "Shipping Review & Outlook March 2023 Table 10, Table 12" as of 1st January in each year.  
2. "Other Non Cargo" include Combos, Ro-Ro, PCC, Reefer, Passenger & Cruise, Offshore, Dredgers, Tugs.

### 3. World Disposals by Ship Type

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022	
	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT	No.	Mill. GT		
<b>Crude Tankers</b>	12	1.02	15	1.23	21	2.38	38	5.22	55	7.55	48	6.92	53	7.99	51	8.50	44	5.96	12	1.31	9	1.36	58	8.95	98	16.96	12	2.14	14	2.17	61	9.91	22	3.13
<b>Product Tankers</b>	82	1.73	107	2.01	74	1.30	95	2.37	150	4.05	112	2.06	100	3.21	71	2.26	69	1.53	65	0.99	34	0.85	65	1.95	100	2.89	64	1.12	73	1.18	161	3.92	75	1.73
<b>Chem / spec. Tankers</b>	36	0.43	37	0.45	41	0.60	58	1.03	101	1.60	63	0.96	44	0.75	23	0.32	17	0.27	19	0.24	14	0.36	16	0.30	27	0.44	32	0.33	29	0.40	79	1.00	42	0.51
<b>Tankers Total</b>	130	3.18	159	3.69	136	4.28	191	8.62	306	13.20	223	9.94	197	11.95	145	11.08	130	7.76	96	2.54	57	2.57	139	11.20	225	20.29	108	3.59	116	3.75	301	14.83	139	5.37
<b>Bulkers</b>	48	1.76	18	0.54	105	5.56	281	10.64	143	6.45	399	23.28	590	33.30	431	23.21	317	16.41	431	30.68	414	29.49	223	14.79	56	4.42	82	7.84	141	15.20	57	5.19	49	4.51
<b>Container ships</b>	16	0.40	21	0.37	61	1.70	202	5.99	88	1.98	62	1.25	183	4.97	198	6.28	172	5.35	94	2.86	196	8.78	144	5.43	64	1.55	93	2.51	80	2.47	16	0.18	11	0.22
<b>LPG</b>	6	0.14	21	0.50	21	0.52	31	0.72	30	0.55	19	0.31	17	0.08	17	0.10	30	0.16	19	0.10	20	0.28	25	0.27	40	0.76	18	0.14	16	0.07	21	0.12	14	0.06
<b>LNG</b>	0	0.00	1	0.02	4	0.09	0	0.00	2	0.07	3	0.15	3	0.07	5	0.25	3	0.15	3	0.15	2	0.14	2	0.14	5	0.31	2	0.15	6	0.43	7	0.51	1	0.08
<b>MPP</b>	10	0.16	6	0.06	17	0.25	123	1.94	88	1.18	137	1.71	104	1.49	109	1.29	90	0.95	50	0.58	54	0.69	62	0.62	33	0.29	28	0.32	39	0.61	26	0.16	26	0.16
<b>General Cargo</b>	113	0.60	109	0.52	103	0.48	276	1.72	312	1.50	427	2.27	325	1.75	285	1.41	237	1.20	107	0.44	103	0.64	155	0.63	89	0.46	81	0.33	44	0.25	61	0.37	46	0.13
<b>Other Non Cargo</b>	156	0.76	132	0.77	183	1.61	322	4.49	340	3.81	329	4.91	323	5.54	265	4.04	246	2.15	203	2.08	237	2.56	270	2.82	332	2.73	255	2.86	201	2.05	270	2.27	142	1.32
<b>All Vessels Types</b>	479	7.00	467	6.47	630	14.49	1,426	34.12	1,309	28.74	1,599	43.82	1,742	59.15	1,455	47.66	1,225	34.13	1,003	39.43	1,083	45.15	1,020	35.90	844	30.81	667	17.74	643	24.83	759	23.63	428	11.85

Note) 1. Clarksons "Shipping Review & Outlook March 2023 Table 10, Table 12" as of 1st January in each year.  
2. "Other Non Cargo" include Combos ,Ro-Ro , PCC, Reefer , Passenger & Cruise , Offshore, Dredgers, Tugs.

## 4. World Seaborne Trade

1) Tonnes

Million Tonnes 2) Ton-Miles (Estimated)

Billion Ton-Miles

Year	1) Tonnes													2) Ton-Miles (Estimated)												
	Iron Ore	Coal	Grain	Container	Other Dry	Total Dry	Crude Oil	Oil Products	Total Oil	LPG	LNG	Chemicals	Grand Total	Iron Ore	Coal	Grain	Container	Other Dry	Total Dry	Crude Oil	Oil Products	Total Oil	LPG	LNG	Chemicals	Grand Total
1990	356	331	195	246	1,423	<b>2,551</b>	1,133	415	<b>1,548</b>	33	58	103	<b>4,293</b>													
1991	363	351	195	268	1,437	<b>2,614</b>	1,210	375	<b>1,585</b>	35	58	104	<b>4,396</b>													
1992	343	357	202	292	1,471	<b>2,665</b>	1,332	381	<b>1,713</b>	37	60	104	<b>4,579</b>													
1993	358	358	182	322	1,501	<b>2,721</b>	1,318	414	<b>1,732</b>	39	62	114	<b>4,668</b>													
1994	383	371	178	357	1,494	<b>2,783</b>	1,394	411	<b>1,805</b>	38	66	124	<b>4,816</b>													
1995	404	403	193	389	1,571	<b>2,960</b>	1,455	444	<b>1,899</b>	39	68	130	<b>5,096</b>													
1996	392	422	198	423	1,662	<b>3,097</b>	1,488	490	<b>1,978</b>	41	74	134	<b>5,324</b>													
1997	426	447	211	460	1,750	<b>3,294</b>	1,587	483	<b>2,070</b>	51	83	148	<b>5,646</b>													
1998	423	451	209	492	1,758	<b>3,333</b>	1,708	569	<b>2,277</b>	49	85	152	<b>5,896</b>													
1999	399	458	223	546	1,866	<b>3,492</b>	1,706	580	<b>2,286</b>	52	93	164	<b>6,089</b>	2,194	2,315	1,278	2,748	9,394	<b>17,929</b>	7,979	1,590	<b>9,569</b>	236	272	610	<b>28,617</b>
2000	447	509	230	605	1,946	<b>3,737</b>	1,745	586	<b>2,331</b>	55	103	169	<b>6,394</b>	2,446	2,492	1,288	3,044	9,764	<b>19,034</b>	8,093	1,605	<b>9,698</b>	250	321	628	<b>29,931</b>
2001	449	546	234	627	1,966	<b>3,822</b>	1,774	601	<b>2,375</b>	54	107	172	<b>6,530</b>	2,536	2,526	1,421	3,156	9,707	<b>19,346</b>	8,184	1,698	<b>9,882</b>	231	348	641	<b>30,448</b>
2002	478	557	232	674	2,064	<b>4,005</b>	1,728	600	<b>2,328</b>	57	113	181	<b>6,685</b>	2,683	2,569	1,293	3,365	10,169	<b>20,079</b>	7,668	1,630	<b>9,298</b>	236	365	678	<b>30,655</b>
2003	514	599	234	780	2,066	<b>4,193</b>	1,819	627	<b>2,446</b>	61	125	186	<b>7,010</b>	2,877	2,736	1,402	3,950	10,296	<b>21,261</b>	8,119	1,688	<b>9,807</b>	251	403	694	<b>32,417</b>
2004	589	641	226	886	2,136	<b>4,478</b>	1,964	668	<b>2,632</b>	65	132	192	<b>7,499</b>	3,311	2,843	1,468	4,477	10,446	<b>22,545</b>	8,760	1,842	<b>10,602</b>	279	439	717	<b>34,583</b>
2005	656	671	248	975	2,195	<b>4,745</b>	1,995	725	<b>2,720</b>	67	142	200	<b>7,875</b>	3,674	2,928	1,539	4,946	10,562	<b>23,649</b>	8,897	1,982	<b>10,879</b>	272	457	750	<b>36,007</b>
2006	709	712	256	1,060	2,238	<b>4,975</b>	1,998	752	<b>2,750</b>	68	160	211	<b>8,165</b>	4,109	3,089	1,608	5,357	11,194	<b>25,357</b>	9,055	2,079	<b>11,134</b>	273	549	794	<b>38,106</b>
2007	778	762	277	1,185	2,293	<b>5,295</b>	2,018	799	<b>2,817</b>	73	171	223	<b>8,579</b>	4,556	3,212	1,763	5,923	11,522	<b>26,976</b>	9,123	2,238	<b>11,361</b>	287	631	837	<b>40,092</b>
2008	842	791	284	1,234	2,315	<b>5,466</b>	2,024	837	<b>2,861</b>	70	173	229	<b>8,799</b>	4,831	3,352	1,817	6,149	11,547	<b>27,696</b>	9,346	2,392	<b>11,738</b>	279	684	860	<b>41,257</b>
2009	917	807	299	1,096	2,082	<b>5,201</b>	1,898	866	<b>2,764</b>	69	183	233	<b>8,450</b>	5,518	3,247	1,909	5,524	10,666	<b>26,864</b>	8,577	2,571	<b>11,148</b>	268	690	884	<b>39,855</b>
2010	990	927	319	1,239	2,335	<b>5,810</b>	1,917	904	<b>2,821</b>	71	222	252	<b>9,176</b>	5,864	3,828	2,187	6,207	11,683	<b>29,769</b>	8,854	2,654	<b>11,508</b>	275	877	952	<b>43,383</b>
2011	1,053	1,000	318	1,330	2,437	<b>6,138</b>	1,955	937	<b>2,892</b>	76	247	264	<b>9,617</b>	6,339	4,091	2,128	6,659	12,283	<b>31,500</b>	9,252	2,713	<b>11,965</b>	288	1,059	1,001	<b>45,813</b>
2012	1,111	1,113	347	1,374	2,528	<b>6,473</b>	1,961	945	<b>2,906</b>	76	240	279	<b>9,974</b>	6,739	4,549	2,289	6,758	12,619	<b>32,954</b>	9,438	2,693	<b>12,131</b>	294	1,050	1,061	<b>47,491</b>
2013	1,189	1,185	363	1,454	2,622	<b>6,813</b>	1,900	997	<b>2,897</b>	80	241	293	<b>10,323</b>	6,981	4,775	2,576	7,156	12,861	<b>34,349</b>	9,243	2,854	<b>12,097</b>	310	1,046	1,101	<b>48,905</b>
2014	1,342	1,220	409	1,519	2,682	<b>7,172</b>	1,851	977	<b>2,828</b>	86	246	298	<b>10,630</b>	7,624	4,907	2,754	7,421	13,499	<b>36,205</b>	9,136	2,808	<b>11,944</b>	348	1,067	1,100	<b>50,664</b>
2015	1,358	1,137	430	1,551	2,765	<b>7,241</b>	1,920	1,042	<b>2,962</b>	94	250	314	<b>10,861</b>	7,608	4,626	3,033	7,508	13,972	<b>36,747</b>	9,271	2,982	<b>12,253</b>	410	1,035	1,161	<b>51,606</b>
2016	1,419	1,142	450	1,623	2,782	<b>7,416</b>	1,979	1,098	<b>3,077</b>	104	268	321	<b>11,185</b>	7,940	4,644	3,085	7,808	14,408	<b>37,885</b>	9,737	3,109	<b>12,846</b>	485	1,040	1,206	<b>53,462</b>
2017	1,477	1,213	475	1,712	2,898	<b>7,775</b>	2,027	1,108	<b>3,135</b>	107	292	342	<b>11,651</b>	8,219	4,919	3,272	8,211	15,317	<b>39,938</b>	10,259	3,120	<b>13,379</b>	506	1,146	1,290	<b>56,260</b>
2018	1,478	1,275	474	1,783	3,000	<b>8,010</b>	2,049	1,119	<b>3,168</b>	116	318	363	<b>11,975</b>	8,204	5,226	3,163	8,490	15,885	<b>40,968</b>	10,550	3,135	<b>13,685</b>	545	1,303	1,411	<b>57,912</b>
2019	1,455	1,300	481	1,824	3,027	<b>8,087</b>	2,004	1,081	<b>3,085</b>	123	356	374	<b>12,025</b>	8,000	5,167	3,395	8,681	16,003	<b>41,246</b>	10,404	3,132	<b>13,536</b>	590	1,437	1,487	<b>58,297</b>
2020	1,505	1,181	524	1,810	2,969	<b>7,989</b>	1,852	967	<b>2,819</b>	121	360	370	<b>11,659</b>	8,386	4,663	3,776	8,595	15,964	<b>41,384</b>	9,691	2,856	<b>12,547</b>	601	1,537	1,513	<b>57,582</b>
2021	1,525	1,226	530	1,923	3,112	<b>8,316</b>	1,838	1,016	<b>2,854</b>	129	380	379	<b>12,058</b>	8,557	4,855	3,815	9,105	16,797	<b>43,129</b>	9,340	3,105	<b>12,445</b>	667	1,730	1,549	<b>59,520</b>
2022	1,475	1,229	516	1,852	3,012	<b>8,084</b>	1,969	1,053	<b>3,022</b>	133	398	369	<b>12,007</b>	8,188	5,010	3,739	8,623	16,692	<b>42,252</b>	10,081	3,264	<b>13,345</b>	686	1,699	1,517	<b>59,498</b>
2023 f	1,510	1,299	528	1,852	3,052	<b>8,241</b>	2,015	1,095	<b>3,110</b>	134	416	379	<b>12,287</b>	8,392	5,333	3,878	8,653	17,069	<b>43,325</b>	10,746	3,651	<b>14,397</b>	698	1,775	1,572	<b>61,826</b>
2024 f	1,520	1,299	547	1,916	3,145	<b>8,427</b>	2,095	1,135	<b>3,230</b>	140	433	391	<b>12,626</b>	8,496	5,311	4,041	8,964	17,625	<b>44,437</b>	11,288	3,882	<b>15,170</b>	721	1,865	1,628	<b>63,881</b>

Note) Clarkson "Shipping Review & Outlook", "Seaborne Trade Monitor Aug-2023"(1999 and after) LPG after 1997 include ammonia .

## 5. Newbuilding / Repair Sales (SAJ Members Only)

(100 Million Yen)

Fiscal Year	Newbuilding	Share (%)	Repair	Share (%)	Total	No. of Companies
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
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

Fiscal Year	Newbuilding	Share (%)	Repair	Share (%)	Total	No. of Companies
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
2009	25,529	95.9	1,079	4.1	26,608	20
2010	22,604	95.4	1,090	4.6	23,695	19
2011	22,151	95.4	1,070	4.6	23,221	19
2012	18,626	94.3	1,133	5.7	19,759	18
2013	15,009	92.8	1,158	7.2	16,167	17
2014	15,110	93.3	1,090	6.7	16,200	17
2015	15,462	92.1	1,325	7.9	16,787	17
2016	15,610	93.4	1,099	6.6	16,709	17
2017	14,268	91.4	1,349	8.6	15,617	17
2018	14,384	91.7	1,294	8.3	15,678	17
2019	13,567	91.9	1,192	8.1	14,759	17
2020	13,170	91.4	1,241	8.6	14,411	17
2021	11,598	90.2	1,263	9.8	12,861	17
2022	12,373	89.4	1,472	10.6	13,846	17

## 6. Repair / Conversion Turnover

Flag	Types of work	89		90		91		92		93		94		95		96		97		98		99		00		01		02		03		04		05	
		No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.		
	Docking work	2,279	987	2,007	1,166	2,090	1,295	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
	Damaged repair	111	37	135	71	147	112	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
	Conversion	25	113	13	18	8	16	25	48	29	47	13	10	12	17	24	21	48	23	34	14	12	17	25	11	22	17	28	8	19	11	8	10	31	
	Running/Afloat repair	859	58	792	51	850	73	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
	Japanese Flag vessels Total	3,274	1,195	2,947	1,307	3,095	1,496	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	1,063	1,871	1,001	1,505	1,014	1,530	876	1,372	820	1,273	811	1,385	741	1,509	933
	Docking work	420	231	339	255	401	298	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
	Damaged repair	28	20	42	34	47	48	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
	Conversion	4	17	7	73	0	0	2	3	5	52	3	13	2	5	6	22	3	17	3	18	3	15	0	1	2	3	5	1	3	2	4	1	4	
	Running/Afloat repair	128	20	123	44	130	27	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
	Foreign Flag vessels Total	580	289	511	406	578	373	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
	Docking work	2,699	1,218	2,346	1,422	2,491	1,594	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
	Damaged repair	139	58	177	105	194	160	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
	Conversion	29	130	20	91	8	16	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
	Running/Afloat repair	987	79	915	95	980	100	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
	Grand Total	3,854	1,484	3,458	1,713	3,673	1,869	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	1,218	2,042	1,147	1,631	1,109	1,660	997	1,525	983	1,403	950	1,602	876	1,685	1,084

Flag	Types of work	06		07		08		09		10		11		12		13		14		15		16		17		18		19		20		21		22		
		No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.	No.	Turnover ¥100 Mill.			
	Docking work	946	751	1,006	911	997	912	868	859	933	795	800	892	777	851	836	801	808	830	751	904	751	666	770	1,004	770	1,024	758	902	810	1,086	876	944	767	1,072	
	Damaged repair	23	20	13	2	9	3	20	4	19	4	16	12	13	6	11	3	13	8	17	15	10	4	6	1	13	9	12	9	6	3	3	1	3	1	
	Conversion	9	20	7	21	12	26	5	58	5	16	16	15	7	13	1	0	6	19	5	13	10	7	16	33	16	20	22	59	16	14	8	12			
	Running/Afloat repair	366	63	341	46	240	49	203	33	225	39	228	50	274	43	270	48	326	49	315	50	262	53	288	38	225	53	227	38	211	72	176	42	138	38	
	Japanese Flag vessels Total	1,344	854	1,367	981	1,258	990	1,096	954	1,182	854	1,060	969	1,071	913	1,118	851	1,153	906	1,088	977	1,028	736	1,074	1,049	1,024	1,120	1,013	970	1,049	1,219	1,071	1,001	916	1,123	
	Docking work	104	81	135	109	93	101	77	61	75	53	76	35	78	45	98	45	62	21	68	32	78	38	20	18	35	16	26	19	7	35	23	22	40	79	
	Damaged repair	6	17	1	0	7	8	2	0	1	1	6	12	3	2	2	2	0	0	2	6	4	3	2	7	0	0	1	0	0	0	0	0	0	0	0
	Conversion	2	2	2	5	0	0	0	0	0	0	3	8	1	1	1	1	0	8	6	11	1	2	2	1	2	2	4	0	0	1	2	0	0	0	
	Running/Afloat repair	31	8	23	11	17	7	19	8	24	8	39	6	31	30	17	7	18	14	17	8	17	7	11	3	8	2	4	2	4	6	11	28	8	14	
	Foreign Flag vessels Total	143	108	161	124	117	116	98	69	100	62	124	60	113	78	118	55	81	35	95	52	110	49	35	30	44	19	33	25	11	41	35	52	48	93	
	Docking work	1,050	832	1,141	1,020	1,090	1,013	945	921	1,008	848	876	927	855	896	934	846	870	851	819	935	829	703	790	1,022	805	1,040	784	921	817	1,121	899	966	807	1,152	
	Damaged repair	29	37	14	2	16	11	22	5	20	5	22	23	16	8	13	5	13	8	19	21	14	7	8	8	13	9	13	9	6	3	3	1	3	1	
	Conversion	11	22	9	26	12	26	5	58	5	16	19	23	8	14	2	1	7	19	13	14	16	14	12	9	17	35	18	24	22	59	17	16	8	12	
	Running/Afloat repair	397	71	364	57	257	56	222	40	249	47	267	56	305	74	287	54	344	64	332	58	279	59	299	41	233	55	231	40	215	78	187	70	146	52	
	Grand Total	1,487	962	1,528	1,105	1,375	1,105	1,194	1,023	1,282	916	1,184	1,030	1,184	991	1,236	906	1,234	941	1,183	1,029	1,138	784	1,138	784	1,068	1,139	1,046	995	1,060	1,260	1,106	1,053	964	1,216	

- (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. "Japanese Flag vessels" include foreign flag vessels which are practically controlled by Japanese shipowners.