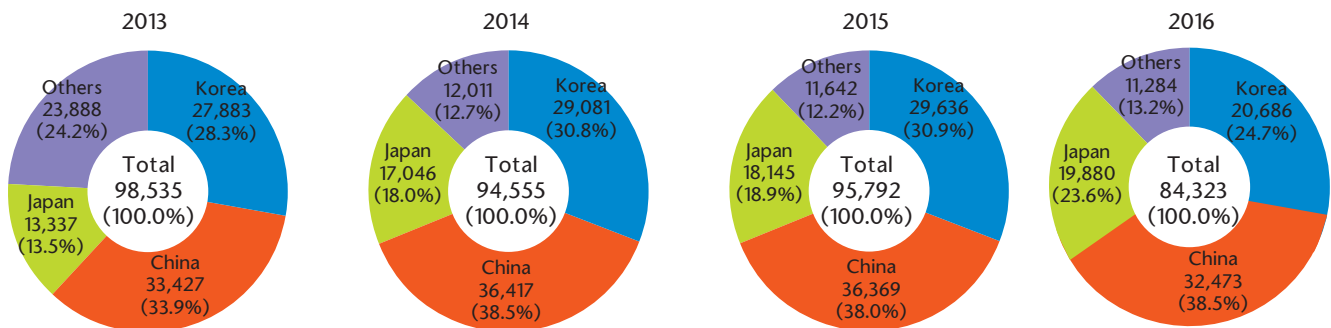


● Global Periscope by Country & Region

## China, Korea, Japan Hold 86.7% of Global Order Backlog

As of the end of 2016, the world's big 3 shipbuilding nations -- China, Korea and Japan -- had a combined orderbook of 73.04 million CGT, 86.7% of the global total of 84.32 million CGT, according to IHS-Fairplay, KOSHIPA

(Unit: 1,000 CGT)



(Unit: 1,000 CGT)

Country	2011	2012	2013	2014	2015	2106
Korea	33,066	24,164	27,883	29,081	29,636	20,686
China	38,872	29,361	33,427	36,417	36,369	32,473
Japan	15,829	12,223	13,337	17,046	18,145	19,880
Denmark						
France	435	380	192	651	651	923
Germany	1,230	1,073	950	1,350	1,368	1,998
Greece			6			
Italy	1,096	912	1,293	1,618	1,430	2,230
Netherlands	225	169	155	131	198	294
U.K.						
Finland	165	221	222	328	371	809
Spain	43					555
Portugal						
Poland	159	164	118	114	140	350
Romania	483	337	649	814	814	838
Norway						
Croatia	215	145	198	379	345	568
U.S.A.		300	521	556	516	779
Brazil	998	721	852	768	768	1,135
Taiwan	1,167	818	1,018	866	823	623
Total	111,442	88,674	98,535	94,555	95,792	84,323

Source: IHS-Fairplay, KOSHIPA

## ● Korean Performance by Year

### KOSHIPA Members' Combined Backlog Hit 19.3 Million CGT in 2016

The total shipbuilding backlog of KOSHIPA member companies, which account for about 95% of Korean shipbuilding production, reached 19.3 million CGT in 2016, compared with 27.9 million CGT recorded in 2015. Korea's record-high backlog tonnage remains the 54.4 million CGT posted in 2008.

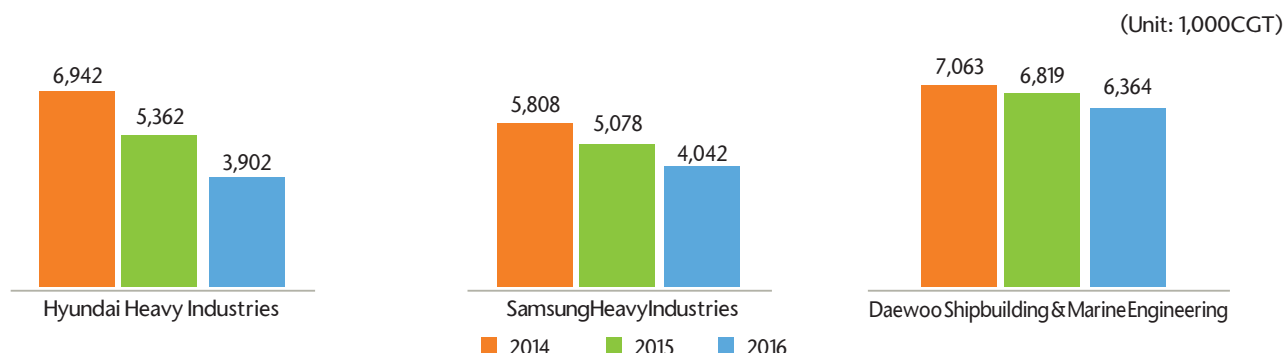
Year	Category	Domestic			Overseas			Total		
	Ships	GT	CGT	Ships	GT	CGT	Ships	GT	CGT	
'01	1	15,900	18,285	474	31,114,626	16,196,526	475	31,130,526	16,214,811	
'02				496	30,099,924	17,074,092	496	30,099,924	17,074,092	
'03	5	44,250	48,955	733	44,497,846	26,359,802	738	44,542,096	26,408,757	
'04	4	35,450	38,395	914	55,046,096	33,923,375	918	55,081,546	33,961,770	
'05				980	56,859,571	35,639,731	980	56,859,571	35,639,731	
'06				1,164	73,030,904	45,255,986	1,164	73,030,904	45,255,986	
'07	3	22,600	19,739	1,521	103,326,842	51,132,285	1,524	103,349,442	51,152,024	
'08	17	635,680	293,088	1,673	117,033,632	54,090,420	1,690	117,669,312	54,383,508	
'09	16	598,480	289,358	1,336	95,668,652	43,231,703	1,352	96,267,132	43,521,061	
'10	71	5,959,168	2,141,267	1,048	74,716,300	32,416,328	1,119	80,675,468	34,557,595	
'11	63	4,518,061	1,769,399	878	67,241,511	31,546,906	941	71,759,572	33,316,305	
'12	81	4,484,009	2,026,607	674	51,118,160	26,225,373	755	55,602,169	28,251,979	
'13	87	4,989,704	2,255,059	790	58,442,557	30,019,587	877	63,432,261	32,274,646	
'14	60	3,169,222	1,418,533	831	60,153,272	31,051,701	891	63,322,494	32,470,234	
'15	54	3,133,168	1,786,068	668	55,350,604	26,080,713	722	58,483,772	27,866,781	
'16	41	1,752,728	1,184,592	398	37,597,842	18,085,988	439	39,350,570	19,270,580	

Source: KOSHIPA



● Korean Performance by Shipyard

Big 3 Account for 74% of Total Korean Shipyards Order Book in 2016



2014

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		5	207,445	144	6,734,335	149	6,941,780
Daewoo Shipbuilding & Marine Engineering Co., Ltd.				130	7,063,022	130	7,063,022
Samsung Heavy Industries Co., Ltd.		3	210,905	104	5,597,521	107	5,808,426
Hyundai Samho Heavy Industries Co., Ltd.		11	354,223	74	3,369,565	85	3,723,788
Hanjin Heavy Industries & Construction Co., Ltd.		6	170,082	11	298,589	17	468,671
Hyundai Mipo Dockyard Co., Ltd.		13	198,041	204	3,766,795	217	3,964,836
STX Offshore & Shipbuilding Co., Ltd.				83	2,296,972	83	2,296,972
ShinaSB Yard Co., Ltd.							
Dae Sun Shipbuilding & Engineering Co., Ltd.		16	156,143	9	106,942	25	263,085
Sungdong Shipbuilding & Marine Engineering Co., Ltd.		6	121,694	72	1,817,959	78	1,939,653
<b>Total</b>		<b>60</b>	<b>1,418,533</b>	<b>831</b>	<b>31,051,700</b>	<b>891</b>	<b>32,470,233</b>

2015

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		8	256,371	112	5,105,904	120	5,362,275
Daewoo Shipbuilding & Marine Engineering Co., Ltd.		4	350,435	105	6,468,725	109	6,819,160
Samsung Heavy Industries Co., Ltd.		4	342,852	78	4,734,777	82	5,077,629
Hyundai Samho Heavy Industries Co., Ltd.		9	326,559	82	3,477,498	91	3,804,058
Hanjin Heavy Industries & Construction Co., Ltd.		5	141,685	13	312,669	18	454,354
Hyundai Mipo Dockyard Co., Ltd.		5	58,417	145	2,747,781	150	2,806,199
STX Offshore & Shipbuilding Co., Ltd.		4	84,464	69	1,759,717	73	1,844,180
Dae Sun Shipbuilding & Engineering Co., Ltd.		12	139,057	10	124,859	22	263,916
Sungdong Shipbuilding & Marine Engineering Co., Ltd.		3	86,223	54	1,348,782	57	1,435,010
<b>Total</b>		<b>54</b>	<b>1,786,063</b>	<b>668</b>	<b>26,080,712</b>	<b>722</b>	<b>27,866,781</b>

2016

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		8	333,783	74	3,568,476	82	3,902,259
Daewoo Shipbuilding & Marine Engineering Co., Ltd.				93	6,363,641	93	6,363,641
Samsung Heavy Industries Co., Ltd.		4	342,852	63	3,699,492	67	4,042,344
Hyundai Samho Heavy Industries Co., Ltd.		6	221,756	50	1,982,064	56	2,203,820
Hanjin Heavy Industries & Construction Co., Ltd.		6	71,784	5	87,483	11	159,268
Hyundai Mipo Dockyard Co., Ltd.		5	91,355	80	1,680,654	85	1,772,009
Dae Sun Shipbuilding & Engineering Co., Ltd.		11	94,320	7	96,871	18	191,191
Sungdong Shipbuilding & Marine Engineering Co., Ltd.		1	28,743	26	607,305	27	636,048
<b>Total</b>		<b>41</b>	<b>1,184,592</b>	<b>398</b>	<b>18,085,988</b>	<b>439</b>	<b>19,270,580</b>

## ● Korean Performance by Ship Type

### LNGC Backlog Surpasses Containerships & Tankers

KOSHIPA member companies' backlog of LNG carriers reached 6.27 million CGT in 2016, outscoring containerships with 4.04 million CGT and tanker backlog at 3.7 million CGT.

2014

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		8	204,105	134	4,118,054	142	4,322,159
Product Carrier		10	161,572	200	3,630,963	210	3,792,535
Chemical Tanker		2	13,116	2	13,116	4	26,232
Bulk Carrier		17	499,539	71	1,902,488	88	2,402,027
Containership		12	174,040	123	6,699,533	135	6,873,573
LNG Carrier		2	179,912	91	7,860,041	93	8,039,953
LPG Carrier		1	28,907	107	2,620,549	108	2,649,456
Car Carrier		4	139,738	16	554,787	20	694,525
Drillship				31	1,337,092	31	1,337,092
Others		4	17,604	56	2,315,078	60	2,332,682
Total		60	1,418,533	831	31,051,701	891	32,470,234

2015

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		6	97,247	187	5,996,928	193	6,094,175
Product Carrier		1	8,393	132	2,407,758	133	2,416,151
Chemical Tanker		2	13,116	2	13,116	4	26,232
Bulk Carrier		10	311,995	32	819,279	42	1,131,274
Containership		11	156,928	83	5,530,075	94	5,687,003
LNG Carrier		8	693,287	71	6,185,616	79	6,878,903
LPG Carrier		6	172,289	90	2,226,206	86	2,398,496
Car Carrier		9	326,559	20	721,163	29	1,047,723
Drillship				17	747,081	17	747,081
Others		1	6,249	34	1,433,490	45	1,439,743
Total		54	1,786,063	668	26,080,712	722	27,866,781

2016

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		8	41,944	106	3,656,061	114	3,698,005
Product Carrier		1	17,076	69	1,328,328	70	1,345,404
Bulk Carrier		4	88,619	4	89,940	8	178,559
Containership		4	59,891	53	3,975,389	57	4,035,280
LNG Carrier		6	517,544	71	5,755,032	77	6,272,576
LPG Carrier		5	143,574	40	907,143	45	1,050,717
Car Carrier		6	221,756	16	570,053	22	791,809
Drillship				15	655,892	15	655,892
Others		7	94,188	24	1,148,150	31	1,242,338
Total		41	1,184,592	398	18,085,988	439	19,270,580