

● Number of Workers

Substantial Decrease, Hitting Below 200,000 Persons

The Korean shipbuilding & offshore workforce reached 166,277 in 2016, down 37,236 workers compared with preceding year's 203,513. As of the end of 2016, the manpower structure consisted of 7,128 in management & administration areas, 5,556 technical workers, and 98,705 skilled workers.

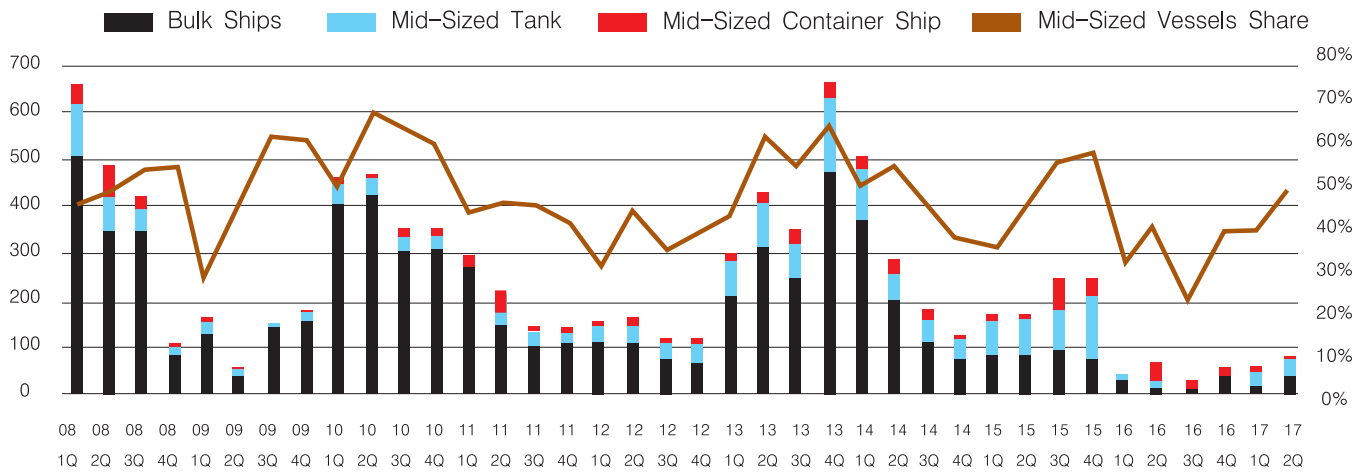
(Unit: Person)

Year	Sector	Management & Administration	Technical Workers	Skilled Workers			Total
				Direct Management	Subcontractor Companies	Sub-Total	
2001	Shipbuilding	4,834	6,608	27,183	25,325	63,950	86,682
	Non-Shipbuilding	2,067	4,322	9,251	7,092	22,732	
2002	Shipbuilding	4,634	6,600	26,771	26,890	64,895	94,213
	Non-Shipbuilding	2,186	4,437	9,297	13,398	29,318	
2003	Shipbuilding	5,086	6,921	26,866	27,963	66,836	93,682
	Non-Shipbuilding	2,096	4,410	9,366	10,974	26,846	
2004	Shipbuilding	4,619	7,250	27,799	32,113	71,781	97,320
	Non-Shipbuilding	2,769	4,328	8,515	9,927	25,539	
2005	Shipbuilding	4,745	7,993	28,868	38,967	80,573	104,704
	Non-Shipbuilding	2,297	4,088	6,882	10,864	24,131	
2006	Shipbuilding	4,920	9,759	29,843	48,863	93,385	113,844
	Non-Shipbuilding	2,107	4,672	6,681	6,999	20,459	
2007	Shipbuilding	6,015	11,806	29,938	64,686	112,445	143,581
	Offshore	1,026	2,197	3,171	12,442	18,836	
	Others	1,485	3,314	4,490	3,011	12,300	
2008	Shipbuilding	5,714	13,554	30,492	68,320	118,080	151,331
	Offshore	1,247	2,389	3,290	11,763	18,689	
	Others	2,427	3,445	4,794	3,896	14,562	
2009	Shipbuilding	4,721	16,360	30,897	74,998	126,976	162,747
	Offshore	654	3,361	3,103	15,574	22,692	
	Others	1,359	3,532	4,435	3,753	13,079	
2010	Shipbuilding	5,267	15,656	28,481	68,342	117,746	153,769
	Offshore	483	3,411	3,210	14,487	21,591	
	Others	1,698	3,869	4,884	3,981	14,432	
2011	Shipbuilding	5,135	15,870	27,997	70,555	119,557	156,850
	Offshore	489	3,268	3,308	15,012	22,077	
	Others	1,968	3,668	5,139	4,441	15,216	
2012	Shipbuilding	5,202	16,188	27,109	74,625	123,124	169,893
	Offshore	725	3,191	3,639	23,313	30,868	
	Others	1,919	3,402	6,210	4,370	15,901	
2013	Shipbuilding	5,738	17,015	27,822	73,483	124,058	183,022
	Offshore	1,055	3,471	3,888	35,576	43,990	
	Others	2,181	2,609	5,076	5,108	14,974	
2014	Shipbuilding	6,213	15,592	26,159	84,421	132,385	204,635
	Offshore	1,871	4,273	4,043	43,967	54,514	
	Others	2,464	2,780	6,397	6,455	18,096	
2015	Shipbuilding	4,447	15,263	24,732	76,869	121,311	203,513
	Offshore	1,803	4,305	5,550	55,116	66,774	
	Others	2,463	3,638	5,527	3,800	15,428	
2016	Shipbuilding	7,288	5,556	23,032	62,829	98,705	166,277
	Offshore	2,438	2,622	4,020	40,578	49,658	
	Others	4,894	2,433	6,036	4,551	17,914	

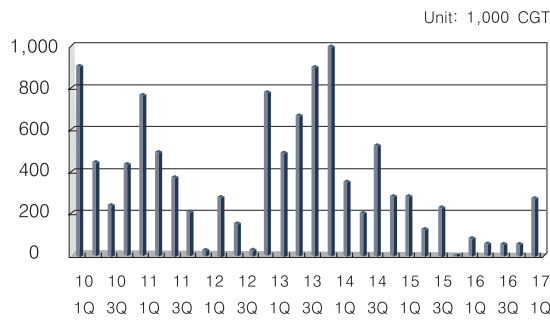
Source: KOSHIPA

● Mid-Sized Shipbuilding Landscape

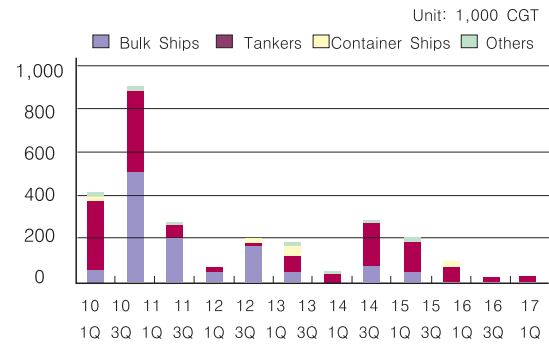
Shipyards & Infra by Regional Cluster



Korean Mid-Sized Shipbuilders Order Receipt by Quarter



Korean Mid-Sized Shipbuilders Order Receipt Trend



Korean Mid-Sized Shipbuilders Shipbuilding Completions by Quarter

Quarter	Bulk Ships		Tankers		Container Ships			LPG Ships		Others		
	1,000 dwt	Ships	1,000 dwt	Ships	1,000 dwt	1,000 teu	Ships	1,000 dwt	1,000 cum	Ships	1,000 dwt	Ships
'14 1Q	711	10	700	14	-	-	-	10	9	1	130	7
'14 2Q	344	3	403	8	-	-	-	-	-	-	18	3
'14 3Q	77	1	774	15	187	16	1	-	-	-	100	6
'14 4Q	212	2	515	9	212	18	3	24	22	1	46	7
'15 1Q	538	3	925	16	212	18	3	24	22	1	138	2
'15 2Q	179	1	819	14	199	17	2	78	69	4	185	4
'15 3Q	1,230	7	889	17	180	20	3	26	22	3	264	2
'15 4Q	329	2	797	15	199	17	2	-	-	-	-	-
'16 1Q	2,308	13	1,862	28	283	26	3	-	-	-	-	-
'16 2Q	949	6	1,567	22	12	1	1	-	-	-	268	2
'16 3Q	645	4	1,309	17	68	5	3	24	22	1	-	-
'16 4Q	508	3	800	10	68	5	3	-	-	-	-	-
'17 1Q	150	1	1,931	20	93	7	4	64	56	3	159	2
'17 2Q	163	2	1,025	9	64	5	3	71	89	3	4	1

Source: KOSHIPA