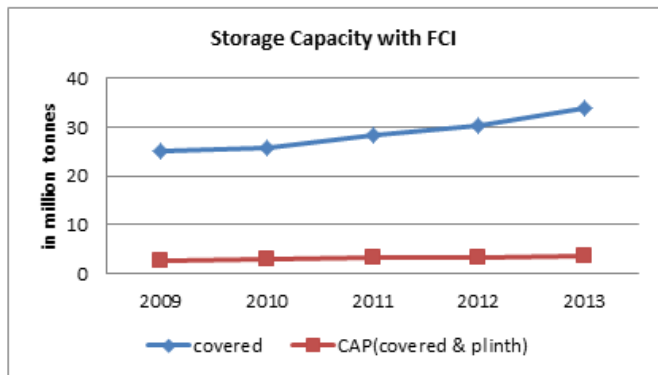
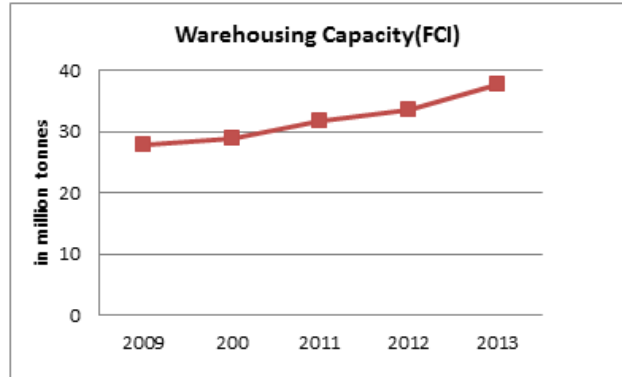


STORAGE INFRASTRUCTURE

INDIA

STORAGE			
	2008-09	2009-10	2010-11
ACCESS			
Cold Storages of Central Warehousing Corporation			
Number	3	3	3
Capacity(in million tonnes)	0.002	0.002	0.002
Food grain Storage against total CWC Capacity			
Average Capacity(in million tonnes)	3.65	4.39	4.87
Warehouses			
Number	499	487	479
Average Capacity(in million tonnes)	9.94	10.72	10.35
Container Depots			
Number	36	36	36
Capacity(No. of Containers handled in '000 TEU's)	1059.05	1121.46	1231.64
FCI			
Capacity(in million tonnes)	27.71	28.84	31.61
QUALITY			
Storage Capacity with FCI (in million tonnes)			
Covered			
Owned	12.97	12.97	12.99
Hired	12.01	12.89	15.46
Total	24.98	25.86	28.45
CAP (Cover and Plinth)			
Owned	2.31	2.51	2.62
Hired	0.42	0.47	0.54
Total	2.73	2.98	3.16
Grand Total	27.71	28.84	31.61

		2011-12	2012-13
		4	4
		0.002	0.002
		5.22	5.68
		468	469
		10.03	10.23
		37	36
		1154.4	1095.76
		33.59	37.74
		13.01	13.00
		17.21	20.99
		30.22	33.99
		2.63	2.64
		0.75	1.1
		3.38	3.74
		33.6	37.73



ALL STATES

Foodgrain Storage Capacity				
As on 31.3.12				
State/UTs	Foodgrain Storages(in MT)	Temperature Controlled Warehouses (in number)	Warehouses (in number)	Container Depots (in number)
Andhra Pradesh	995098		47	2
Arunachal Pradesh				
Assam	29971		6	
Bihar	87675		16	
Chhattisgarh	204080		12	
Goa	0		2	1
Gujarat	187086		26	7
Haryana	490737		28	
Himachal Pradesh	6170		3	
Jammu & Kashmir				
Jharkhand	19300		3	
Karnataka	222989		33	2
Kerala	4436	1	13	1
Madhya Pradesh	310839		26	
Maharashtra	282969	1	45	8
Manipur				
Meghalaya				
Mizoram				
Nagaland	13000		1	
Orissa	194310		18	

ALL STATES

Foodgrain Storage Capacity				
As on 31.3.12				
State/UTs	Foodgrain Storages(in MT)	Temperature Controlled Warehouses (in number)	Warehouses (in number)	Container Depots (in number)
Punjab	641143		25	
Rajasthan	282034		31	
Sikkim				
Tamil Nadu	361688	1	26	6
Tripura	14000		2	
Uttar Pradesh	680503		48	7
Uttaranchal	61127		6	
West Bengal	164160	1	37	2
A & N Islands	0		1	
Chandigarh	6200		1	
Dadar & Nagar Haveli				
Daman & Diu				
Delhi	0		10	1
Lakshadweep				
Puducherry	5339		1	

ALL STATES

Foodgrain Storage Capacity				
As on 31.3.13				
State/UTs	Foodgrain Storages(in MT)	Temperature Controlled Warehouses (in number)	Warehouses (in number)	Container Depots (in number)
Andhra Pradesh	802276		46	2
Arunachal Pradesh				
Assam	28077		6	
Bihar	88263		16	
Chhattisgarh	210400		12	
Goa	5000		2	
Gujarat	261517		27	7
Haryana	433553		28	
Himachal Pradesh	9540		3	
Jammu & Kashmir				
Jharkhand	19300		3	
Karnataka	228850		32	2
Kerala	4860	1	14	1
Madhya Pradesh	291184		26	
Maharashtra	306661	1	44	9
Manipur				
Meghalaya				
Mizoram				
Nagaland	13000		1	
Orissa	274872		22	

ALL STATES

Foodgrain Storage Capacity				
As on 31.3.13				
State/UTs	Foodgrain Storages(in MT)	Temperature Controlled Warehouses (in number)	Warehouses (in number)	Container Depots (in number)
Punjab	667853		26	
Rajasthan	373342		29	
Sikkim				
Tamil Nadu	385338	1	26	6
Tripura	14000		2	
Uttar Pradesh	769190		49	3
Uttaranchal	59541		6	
West Bengal	164652	1	36	2
A & N Islands	0		1	
Chandigarh	6200		1	
Dadar & Nagar Haveli				
Daman & Diu				
Delhi	0		10	
Lakshadweep				
Puducherry	4394		1	

ALL STATES

Storage Capacity with FCI							
As on 31.07.13							in lakh tonnes
State/UTs	Covered						
	FCI Owned	Hired From					
		State govt.	C.W.C	S.W.C	PEG	PWS 2010	Pvt. Parties
Andhra Pradesh	12.66	0	4.88	16.57	1.95	3.1	1.97
Arunachal Pradesh	0.18	0.02	0	0	0	0	0.03
Assam	2.12	0.02	0.2	0.17	0	0	0.46
Bihar	3.66	0.04	0.83	1.13	0	0	0.51
Chhattisgarh	5.12	0.03	0.98	2.74	0.42	0	0.14
Goa	0.15	0	0.05	0	0	0	0
Gujarat	5.00	0.17	2.28	0	0	0	0.75
Haryana	7.68	3.92	3.54	5.85	13.2	0	2.4
Himachal Pradesh	0.19	0.07	0.07	0	0.02	0	0
Jammu & Kashmir	1.03	0.15	0	0	0.1	0	0.03
Jharkhand	0.67	0.07	0.19	0.22	0	0	0.15
Karnataka	3.81	0	1.34	1.52	1.58	0	0.25
Kerala	5.19	0	0	0	0	0	0
Madhya Pradesh	3.37	0	2.29	0	0	0	0.7
Maharashtra	11.90	0	2.4	3.15	2.93	0.38	1.22
Manipur	0.23	0.07	0	0	0	0	0
Meghalaya	0.14	0	0.07	0.05	0	0	0
Mizoram	0.25	0.01	0	0	0	0	0

in lakh tonnes							
	CAP (Open)					Grand Total Total	Utilisation % (%)
	Total Hired	Total Covered	Owned	Hired	Total		
Andhra Pradesh	28.47	41.13	2.62	0	2.62	43.75	85
Arunachal Pradesh	0.05	0.23	0	0	0	0.23	70
Assam	0.85	2.97	0	0	0	2.97	63
Bihar	2.51	6.17	1	0	1	7.17	48
Chhattisgarh	4.31	9.43	0.01	0	0.01	9.44	64
Goa	0.05	0.2	0	0	0	0.2	80
Gujarat	3.2	8.2	0.27	0	0.27	8.47	84
Haryana	28.91	36.59	3.33	0	3.33	39.92	92
Himachal Pradesh	0.16	0.35	0	0	0	0.35	60
Jammu & Kashmir	0.28	1.31	0.1	0	0.1	1.41	63
Jharkhand	0.63	1.3	0.05	0	0.05	1.35	71
Karnataka	4.69	8.5	1.36	0	1.36	9.86	89
Kerala	0	5.19	0.21	0	0.21	5.4	79
Madhya Pradesh	2.99	6.36	0.36	0	0.36	6.72	81
Maharashtra	10.08	21.98	1.02	0	1.02	23	71
Manipur	0.07	0.3	0	0	0	0.3	73
Meghalaya	0.12	0.26	0	0	0	0.26	69
Mizoram	0.01	0.26	0	0	0	0.26	58

ALL STATES

Storage Capacity with FCI							
As on 31.07.13							
in lakh tonnes							
State/UTs	Covered						
	FCI Owned	Hired From					
		State govt.	C.W.C	S.W.C	PEG	PWS 2010	Pvt. Parties
Andhra Pradesh							
Nagaland	0.20	0	0.13	0	0	0	0
Orissa	3.02	0	1.06	1.86	0	0	0
Punjab	21.17	0.84	5.02	40.47	29.24	0	3.99
Rajasthan	7.06	0.06	3.18	8.53	0.83	0.24	2.41
Sikkim	0.10	0.01	0	0	0	0	0
Tamil Nadu	5.80	0	2.59	0.49	0.55	0	0.5
Tripura	0.33	0.05	0.09	0	0	0	0
Uttar Pradesh	14.95	0.16	7.19	19.97	0.7	0	0
Uttarakhand	0.66	0.24	0.43	0.51	0	0	0
West Bengal	8.40	0.19	0.94	0	0	0	0.87
A & N Islands	0.07	0	0	0	0	0	0
Chandigarh	1.07	0.16	0.84	1.19	0.53	0	0
Dadar & Nagar Haveli							
Daman & Diu							
Delhi	3.36	0	0	0	0	0	0
Lakshadweep							
Puducherry	0.44	0	0	0.12	0.15	0	0
Grand Total	129.98	6.28	40.59	104.54	52.20	3.72	16.38

Note: _ Not Reported

in lakh tonnes							
	CAP (Open)					Grand Total Total	Utilisation % (%)
	Total Hired	Total Covered	Owned	Hired	Total		
Nagaland	0.13	0.33	0	0	0	0.33	64
Orissa	2.92	5.94	0	0	0	5.94	73
Punjab	79.56	100.73	7.14	2.94	10.08	110.81	94
Rajasthan	15.25	22.31	1.85	5.57	7.42	29.73	82
Sikkim	0.01	0.11	0	0	0	0.11	73
Tamil Nadu	4.13	9.93	0.61	0	0.61	10.54	79
Tripura	0.14	0.47	0	0	0	0.47	66
Uttar Pradesh	28.02	42.97	5.19	0.32	5.51	48.48	62
Uttarakhand	1.18	1.84	0.21	0.01	0.22	2.06	68
West Bengal	2	10.4	0.51	0	0.51	10.91	49
A & N Islands	0	0.07	0	0	0	0.07	71
Chandigarh	2.72	3.79	0.17	0.09	0.26	4.05	96
Dadar & Nagar Haveli	—	—	—	—	—	—	—
Daman & Diu	—	—	—	—	—	—	—
Delhi	0	3.36	0.31	0	0.31	3.67	74
Lakshadweep	—	—	—	—	—	—	—
Puducherry	0.27	0.71	0.06	0	0.06	0.77	74
	223.71	353.69	26.38	8.93	35.31	389.00	81

Note: _ Not Reported

ALL PORTS

Storage Facilities Available					
As on 31.3.2011					
Port	Dry Storage Accomodation		Liquid Storage Tanks		
	No.	Area/ Capacity (m ²)	No.	Total Capacity	Type of Cargo
Kandla					
	30	134405	465	2188877 KL	All kinds of liquid cargoes including hazardous cargoes
Mumbai					
	132	911740	13	198888KLS	Dirty Ballast / Slop / HSD / SKO / FO / Vegetable Oil/ Molasses
			80	543500T	Veg. Oil/LPG
			45	125000KL	Chemicals/Lube Oil
Mormugao					
	11	375201	41	253506KL	Molasses, CausticSoda, F. Oil / POL Products / Phosphoric Acid
			3	15000T	Ammonia / Liquid Products
New Manglore					
	22	147145	55	230645KL	Chemicals / POL/ Molasses/ Edible Oil
			8	48500T	Phosphoric Acid / Ammonia/ Edible Oil / Cement Silos
J. L. Nehru					
	22	3812822	124	671490MT	A,B,C class of chemicals, POL Products, Edible Oil & other liquids.
Cochin					
	16	161417	98	305708KL	Petroleum Products/Vegetable Oil
			6	98400MT	Molasses/Cashew/ Ammonia
Tuticorin					
	28	1125792	14	22000 M3	Phosphoric Acid / Vinyl Chloride, Monomer
			3	25000 T	LPG / Ammonia
			17	187210KL	Naptha / Diesel (HSD) / Kerosene / Ethlyene Di -Chloride /DNS / Petrol / LSFO / Furnace Oil / LSHF / HSD
Chennai					
	15	1658999	53	272469KL	Edible Oil /Molasses/Palmolien Oil/Phosphoric Acid
Vishakhapatnam					
	13	1318036	147	1284500T	Crude & Products/POL Products/Mol.Sulphur,Phos.Acid/Sulphuric Acid & Liquid Ammonia/Caustic Soda/Edible Oil/Chemicals/Bio-diesel,Molasses/LPG
			21	1.06KL	POL & Ethonol
Paradip					
	14	1831500	83	1432000KL	POL / FRM
Kolkata Dock System					
	33	279516	189	554662 KL	Vegetable Oil / POL / Chemicals
Haldia Dock Complex					
	15	922880			HDC does not have liquid storage
Ennore					
	2	993334	38	125900KL	CBFS/Chemical/Petroleum
Total	353	13672787	1503		

ALL PORTS

Storage Facilities Available					
As on 31.3.2012					
Port	Dry Storage Accomodation		Liquid Storage Tanks		
	No.	Area/ Capacity (m ²)	No.	Capacity	Type of Cargo
Kandla					
	33	1517824		2188877 KLS	
Mumbai					
	131	695293	14	213316 KLS	Dirty Ballast / Slop / HSD / SKO / FO / Vegetable Oil/ Molasses
			80	543500 T	Veg. Oil/LPG
			45	125000 KL	Chemicals/Lub. Oil
Mormugao					
	11	366951	41	253507 KL	Molasses, Caustic Soda, F. Oil / POL Products / Phosphoric Acid
			3	15000 T	Ammonia / Liquid Products
New Manglore					
	22	147145	55	230645 KL	Chemicals / POL/ Molasses/ Edible Oil
			8	48500 T	Phosphoric Acid / Ammonia/ Edible Oil / Cement Silos
J. L. Nehru					
	30	4743295	124	671490 MT	A,B,C class of chemicals, POL Products, Edible Oil & other liquids.
Cochin					
	28	304087	90	260117	Petroleum Products
			19	59091 KL	Vegetable Oil/Edible/Refined Oil
			4	21000 MT	Carbon Black Oil/Cashew/ Ammonia
Tuticorin					
	24	1125792#	14	22000 M ³	Phosphoric Acid /VCM
			3	25000 T	LPG / Ammonia
			17	187210 KL	Naptha / Diesel (HSD) / Kerosene / Ethlyene Di -Chloride /DNS / Petrol / LSFO / Furnace Oil / LSHF / HSD
Chennai					
	12	1971683	53	166469	Edible Oil /Molasses/Palmolien Oil/Phosphoric Acid
Vishakhapatnam					
	28	2059253	51	288152 T	Crude & Products/POL Products/Mol.Sulphur,Phos.Acid/Caustic Soda/LPG
			104	1260855	Crude & Products Mol.Sulphur,Phos.Acid,Sulphuric Acid & Liquid Ammonia
			47	178398 KL	POL & Ethonel /Edible Oil,Chemicals,Sulphuric Acid,Bio-diesel.Molasses
Paradip					
	5	1937150&&	83	1432000 KL	POL Products,Pol(Crude)/ FRM
Kolkata Dock System					
	30	299660\$	189	554662 KL	Vegetable Oil / POL / Chemicals
Haldia Dock Complex					
	15	922880*			
Ennore					
	6	2174298	63	253425	POL/Chemical

* includes 25040 transit sheds area leased to the port users inside the dock

**includes 892840 storage area leased to port users inside the dock.

#: dry storage accomodation in Tuticorin includes 54000 TEUs

\$: Kolkata Dock System includes 12000 TEUs Normal & 144 TEUsReefer in Dry Storage Accomodation

&&: Paradip includes 1000 TEUs in Dry Storage Accomodation

