



IMAN Report

India's Import – Coal & Coke

Aug 2019



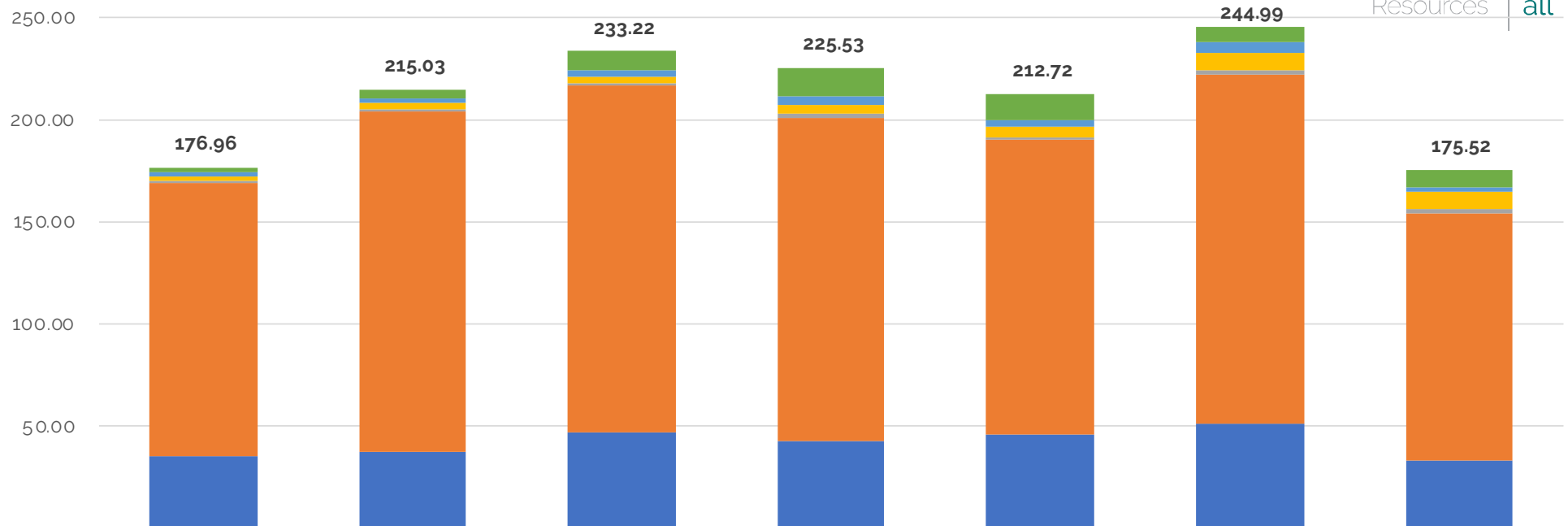


Section - 1

India – Total Imports Overview



India's Imports – Coal & Coke (MMT)



	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019 (up to Aug)
PET COKE	2.78	4.36	9.19	14.59	12.42	6.83	8.24
MET COKE	2.39	2.75	3.09	3.69	3.45	5.46	2.43
PCI COAL	1.89	2.37	3.24	4.79	5.18	8.48	9.05
ANTHRACITE	0.75	1.41	1.18	1.18	1.28	1.67	1.49
THERMAL COAL	133.54	166.59	169.58	158.57	144.45	170.97	120.64
CO KING COAL	35.62	37.55	46.93	42.72	45.93	51.58	33.68
Total Coal & COKE	176.96	215.03	233.22	225.53	212.72	244.99	175.52

- India's import of fuel resumes growth after 2 years of fall in CY 2016 and CY20 17

India's Imports – Coal & Coke (MoM)



India's Coal & Coke Import (Million Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
COKING COAL	4.475	4.460	0.34 %	33.675	35.183	(4.29)%
THERMAL COAL	13.299	15.213	(12.58)%	120.641	110.243	9.43 %
ANTHRACITE	0.144	0.039	272.82 %	1.493	0.950	57.21 %
PCI COAL	1.227	0.809	51.61 %	9.048	5.720	58.20 %
MET COKE	0.175	0.528	(66.92)%	2.430	3.671	(33.81)%
PET COKE	0.686	0.647	6.13 %	8.235	5.267	56.36 %
TOTAL	20.005	21.695	(7.79)%	175.522	161.033	9.00 %

The Indian steel industry is using a lot more PCI directly in blast furnaces and reducing its coking coal and met coke imports. This has led to increase in PCI imports

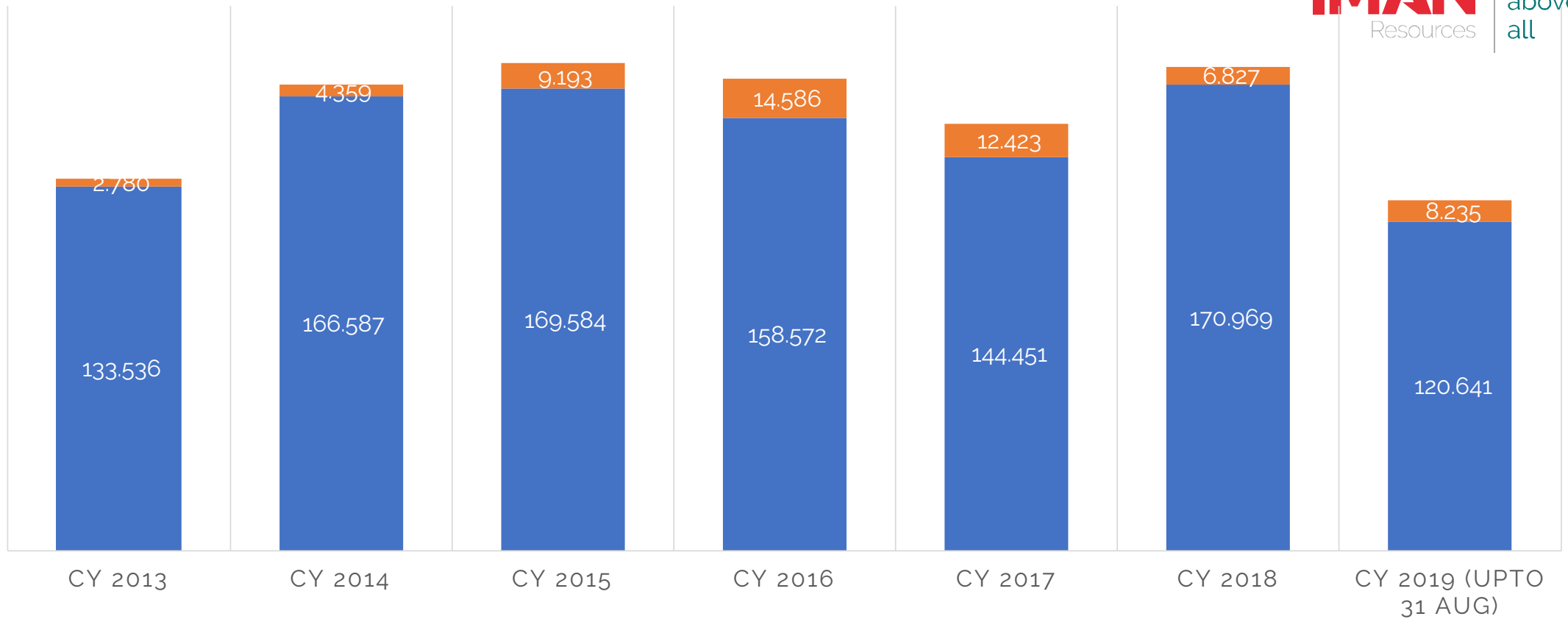


Section - 2

Solid Fuels - Imports Overview



India's Solid Fuel Imports (MMT)



India is on track to exceed CY 2018 Solid fuel imports viz., thermal coal and pet coke.



India's Thermal Coal Imports (MoM)

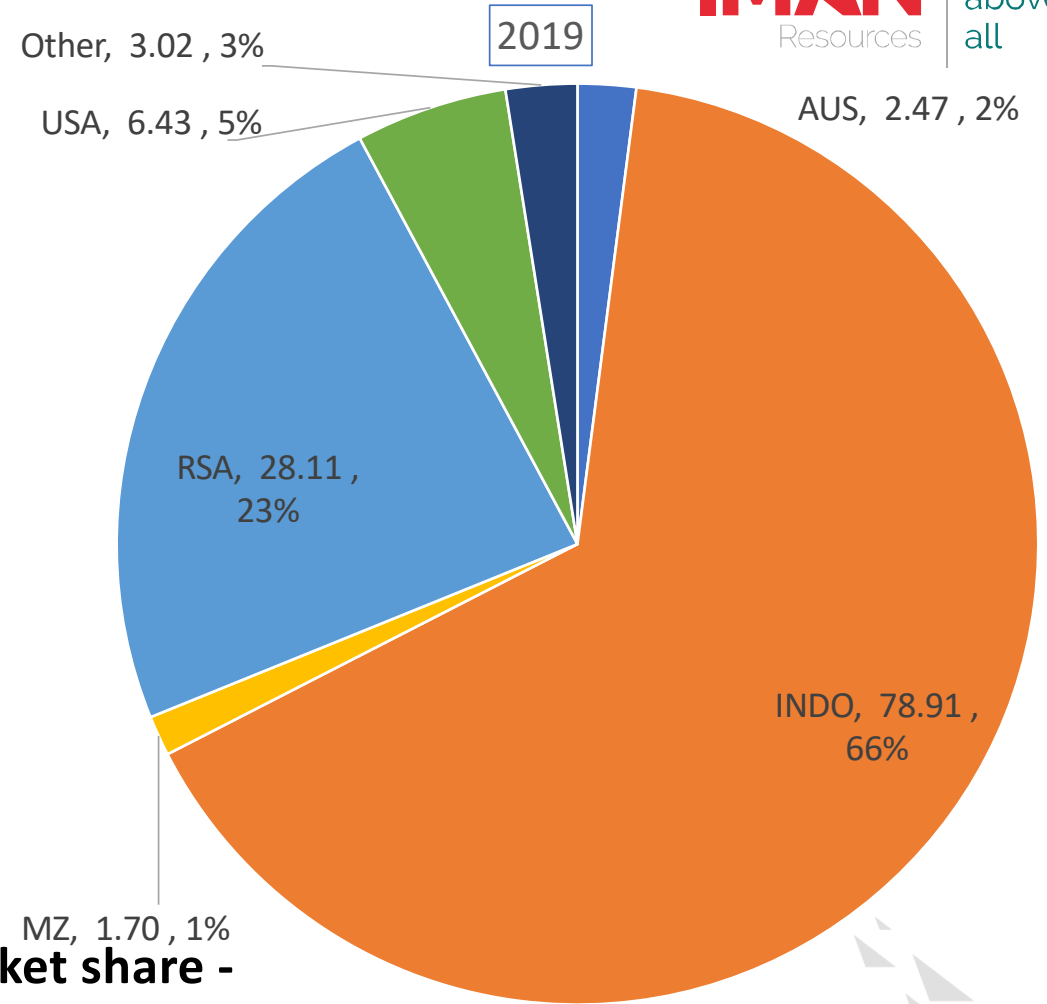
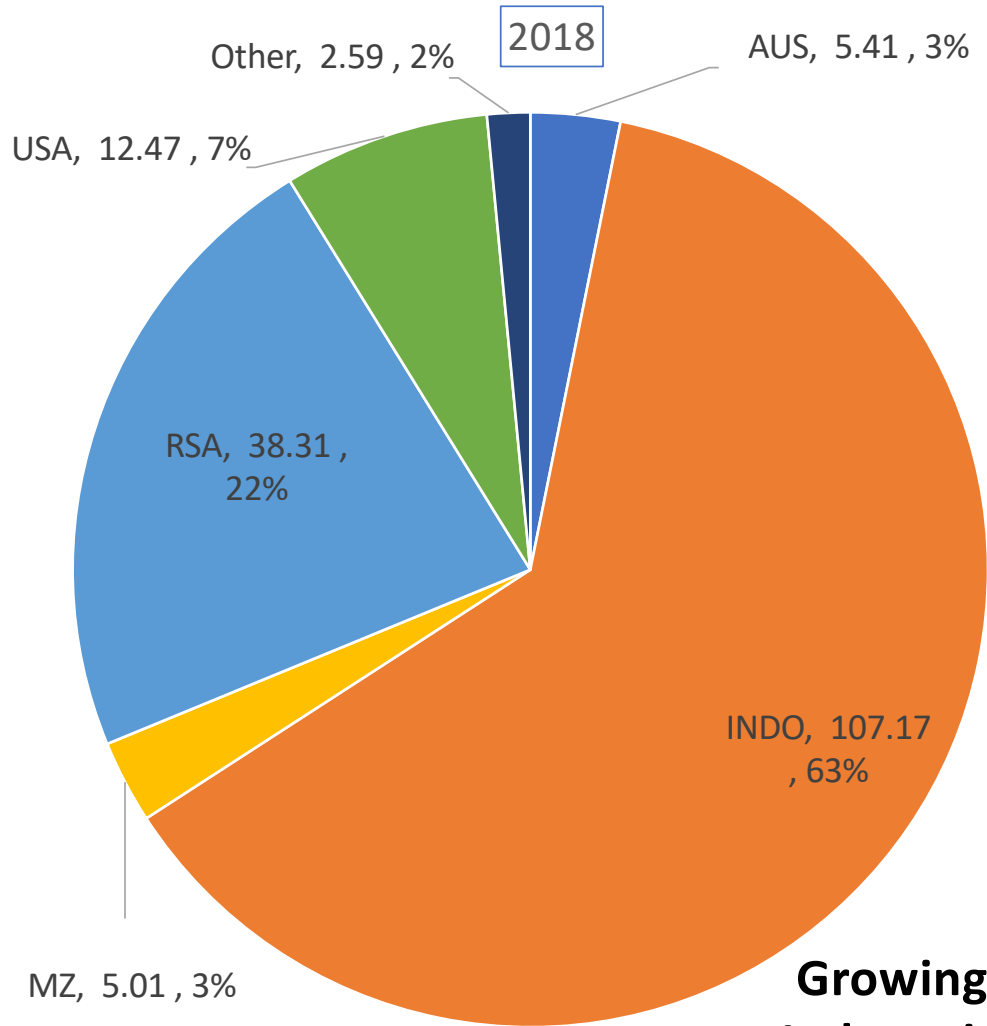
India's Thermal Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
AUSTRALIA	512,258	628,671	(18.52)%	2,475,346	3,174,098	(22.01)%
COLOMBIA	341,728		#DIV/0!	672,212	497,035	35.24 %
INDONESIA	8,291,930	9,409,555	(11.88)%	78,905,255	66,310,953	18.99 %
MOZAMBIQUE	39,026	353,587	(88.96)%	1,697,089	3,083,891	(44.97)%
PHILIPPINES			#DIV/0!	54,550	55,000	(0.82)%
RUSSIA	200,249	316,597	(36.75)%	2,288,288	1,626,022	40.73 %
SOUTH AFRICA	3,504,060	3,790,929	(7.57)%	28,111,487	26,193,871	7.32 %
USA	409,776	713,419	(42.56)%	6,436,378	9,301,889	(30.81)%
TOTAL	13,299,027	15,212,758	(12.58)%	120,640,605	110,242,759	9.43 %

Power generation companies have imported Australian origin coal in 2018 and Russian origin coal in 2019. Mozambique origin coal has also lost share albeit because of production related issues.

The Indian Cement industry has shifted to Pet Coke use after Hon'ble Supreme Court passed judgement on petcoke in Oct 2018. This effects import of US Coal imports

India's Coal Imports (MMT)

Data Format
Origin, Quantity, Share

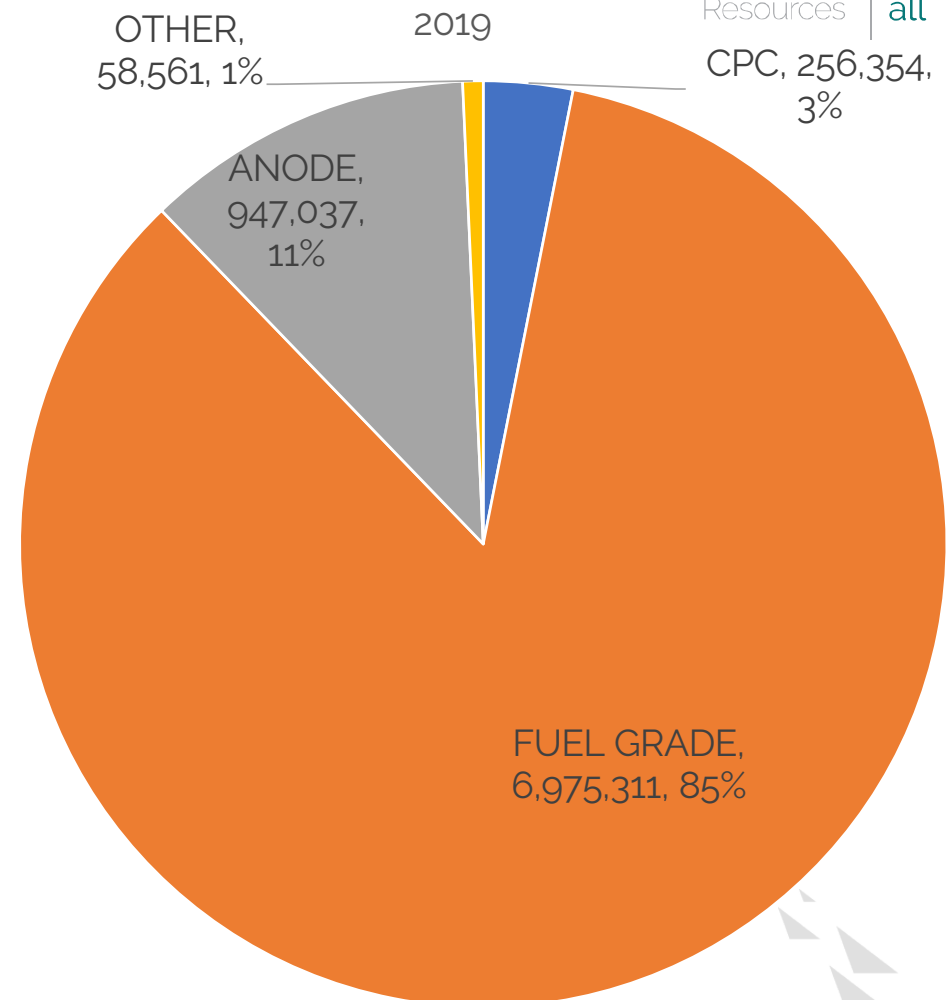
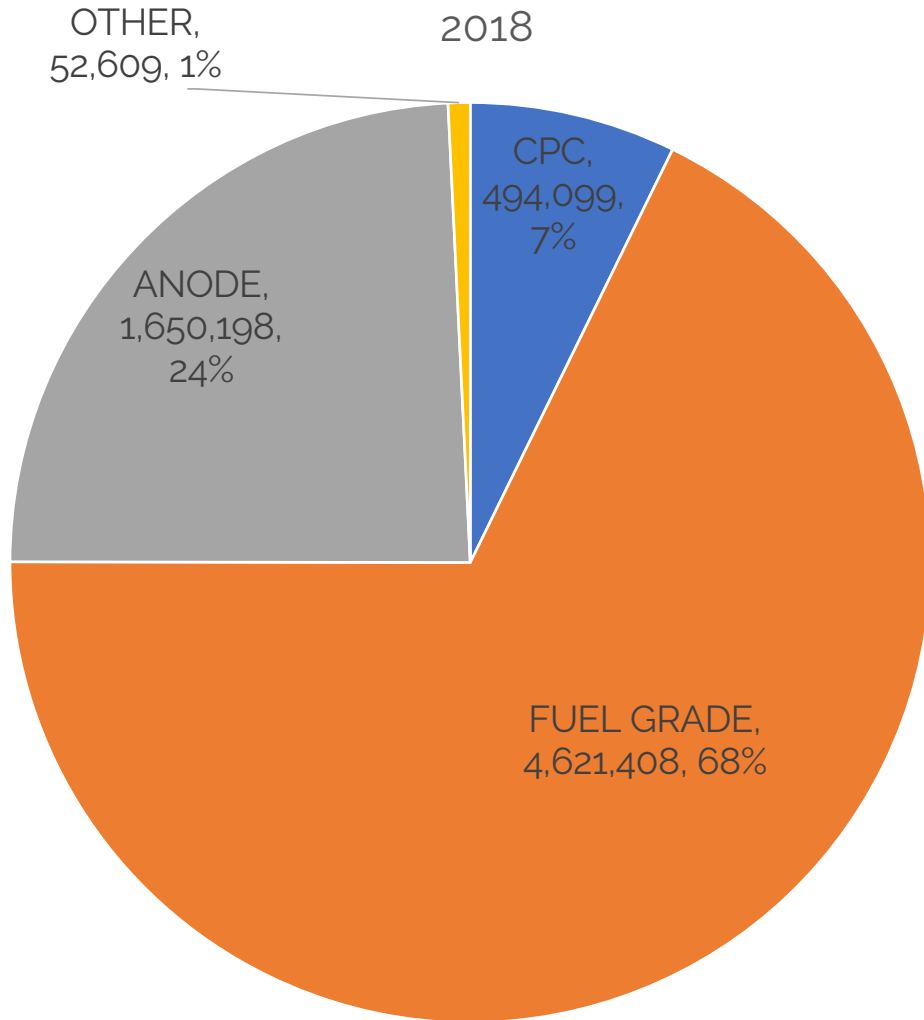


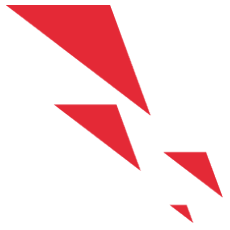
**Growing market share -
Indonesia & South Africa**

India's Pet Coke Imports (MoM)

India's Pet Coke Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
USA	386,658	388,020	(0.35)%	4,208,591	2,560,897	64.34 %
SAUDI ARABIA	209,406	105,000	99.43 %	2,621,918	1,502,756	74.47 %
CHINA	42,373	61,305	(30.88)%	560,364	555,472	0.88 %
KUWAIT			#DIV/0!	78,351	181,221	(56.76)%
INDONESIA	15,030	21,729	(30.83)%	108,167	165,336	(34.58)%
OMAN	16,480		#DIV/0!	232,970	27,500	747.16 %
CANADA				149,439		
Other	16,530	70,747	(76.64)%	275,665	273,756	0.70 %
TOTAL	686,477	646,801	6.13 %	8,235,465	5,266,938	56.36 %

India's Pet Coke Imports (Grade Wise)





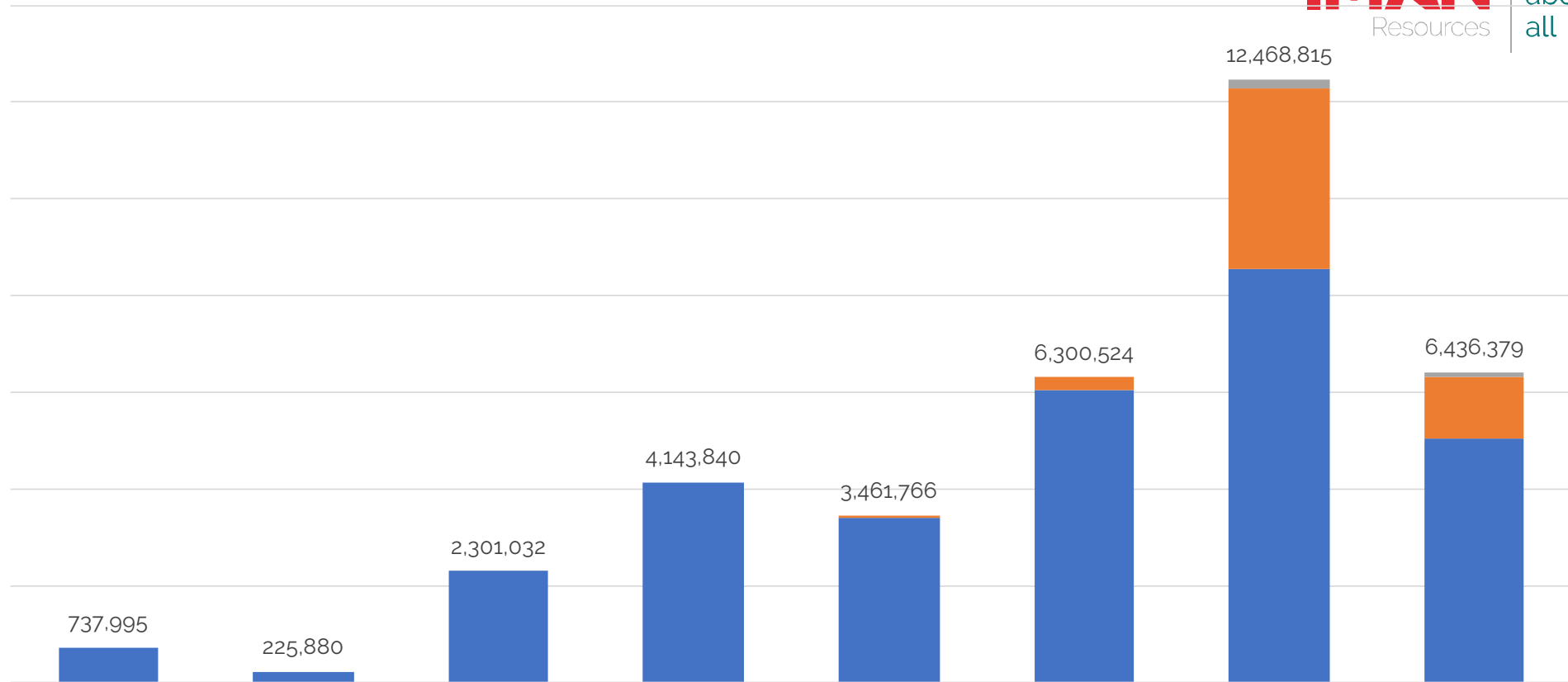
Section - 3

US Thermal Coal - Imports Overview



US Thermal Coal Imports – Quality Wise

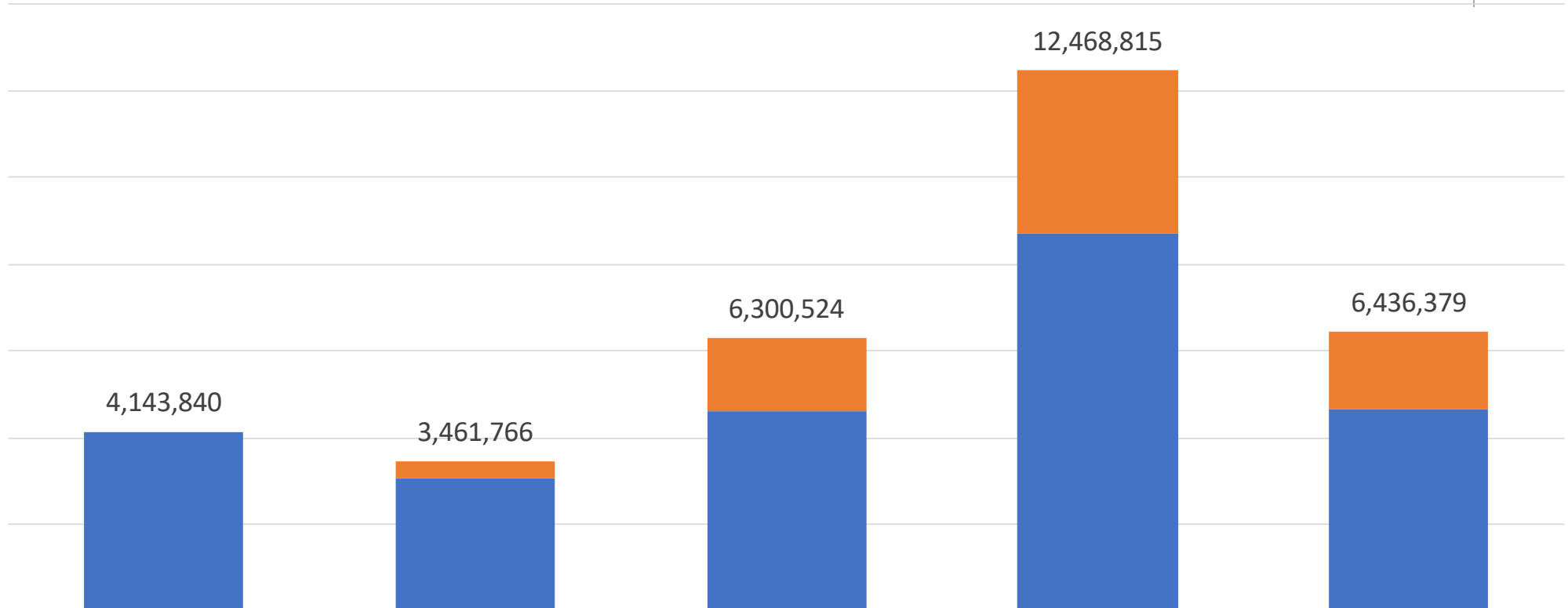
(Data based on Arrival of Vessels at Discharge port / in MT)



	2012	2013	2014	2015	2016	2017	2018	2019 (31st Aug)
■ PRB/Utah							162,224	107,465
■ ILB					77,067	237,380	3,740,334	1289,315
■ NAPP	737,995	225,880	2,301,032	4,143,840	3,384,699	6,063,144	8,566,257	5,039,599
Total	737,995	225,880	2,301,032	4,143,840	3,461,766	6,300,524	12,468,815	6,436,379

US Thermal Coal Imports – ECI/WCI Wise

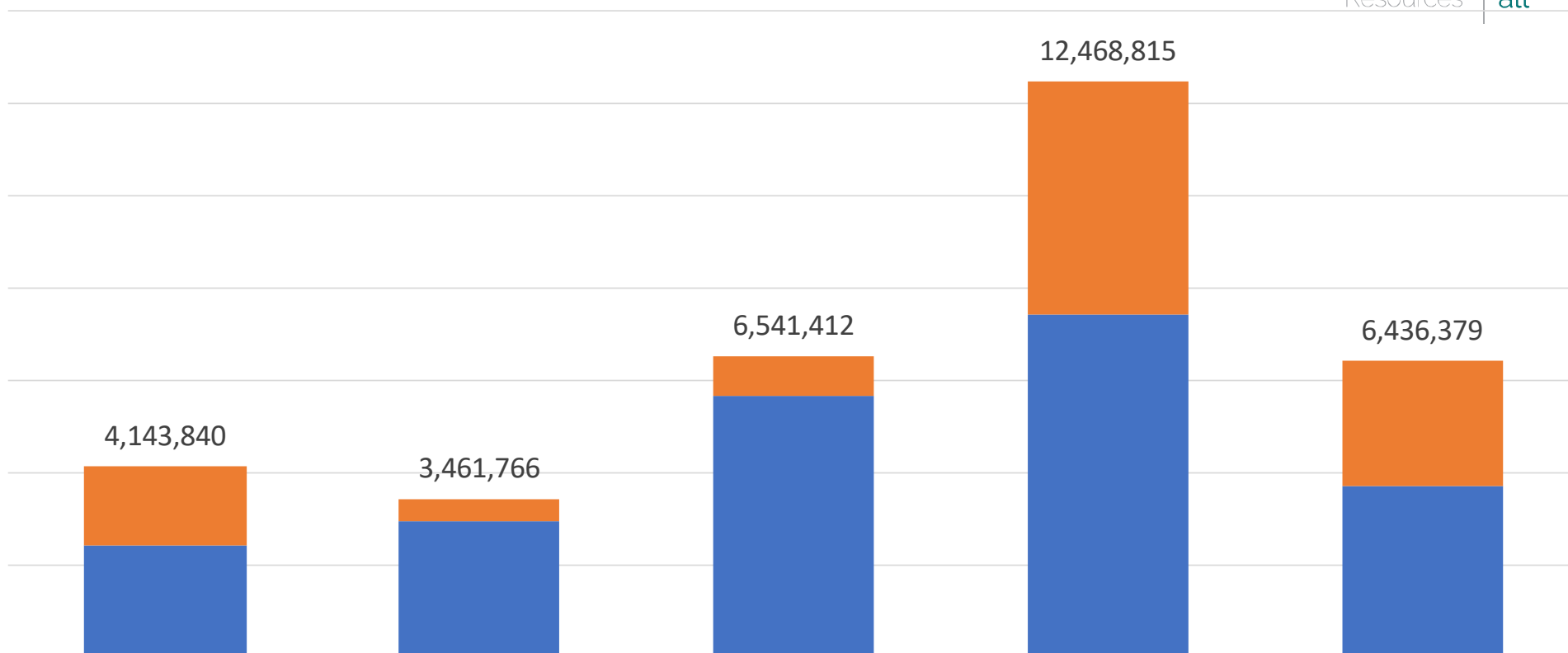
(Data based on Arrival of Vessels at Discharge port / in MT)



	2015	2016	2017	2018	2019 (31st Aug)
ECI	-	390,326	1,707,703	3,775,412	1,794,467
WCI	4,143,840	3,071,440	4,592,821	8,693,403	4,641,912
Total	4,143,840	3,461,766	6,300,524	12,468,815	6,436,379

US Thermal Coal Imports – Segment Wise

(Data based on Arrival of Vessels at Discharge port / in MT)



	2015	2016	2017	2018	2019 (31st Aug)
End Users	1,696,725	516,014	871,747	5,028,271	2,719,409
Traders	2,447,115	2,945,752	5,669,665	7,440,543	3,716,970
Total	4,143,840	3,461,766	6,541,412	12,468,815	6,436,379

US Thermal Coal Imports (by Consumer)



	2018	2019 (Upto 31 Aug)
Cement	4,185,084	2,644,854
SHREE CEMENT LIMITED	1,387,895	,434,262
ULTRATECH CEMENT LIMITED	939,531	1,060,846
THE INDIA CEMENTS LIMITED	734,173	,468,516
OTHER	1,123,485	,681,230
Power	843,187	124,550
VEDANTA LIMITED	407,694	,124,550
NAYARA ENERGY	162,224	
TATA POWER	151,634	
JINDAL STEEL & POWER LIMITED	121,635	
Traders	7,440,543	3,666,975



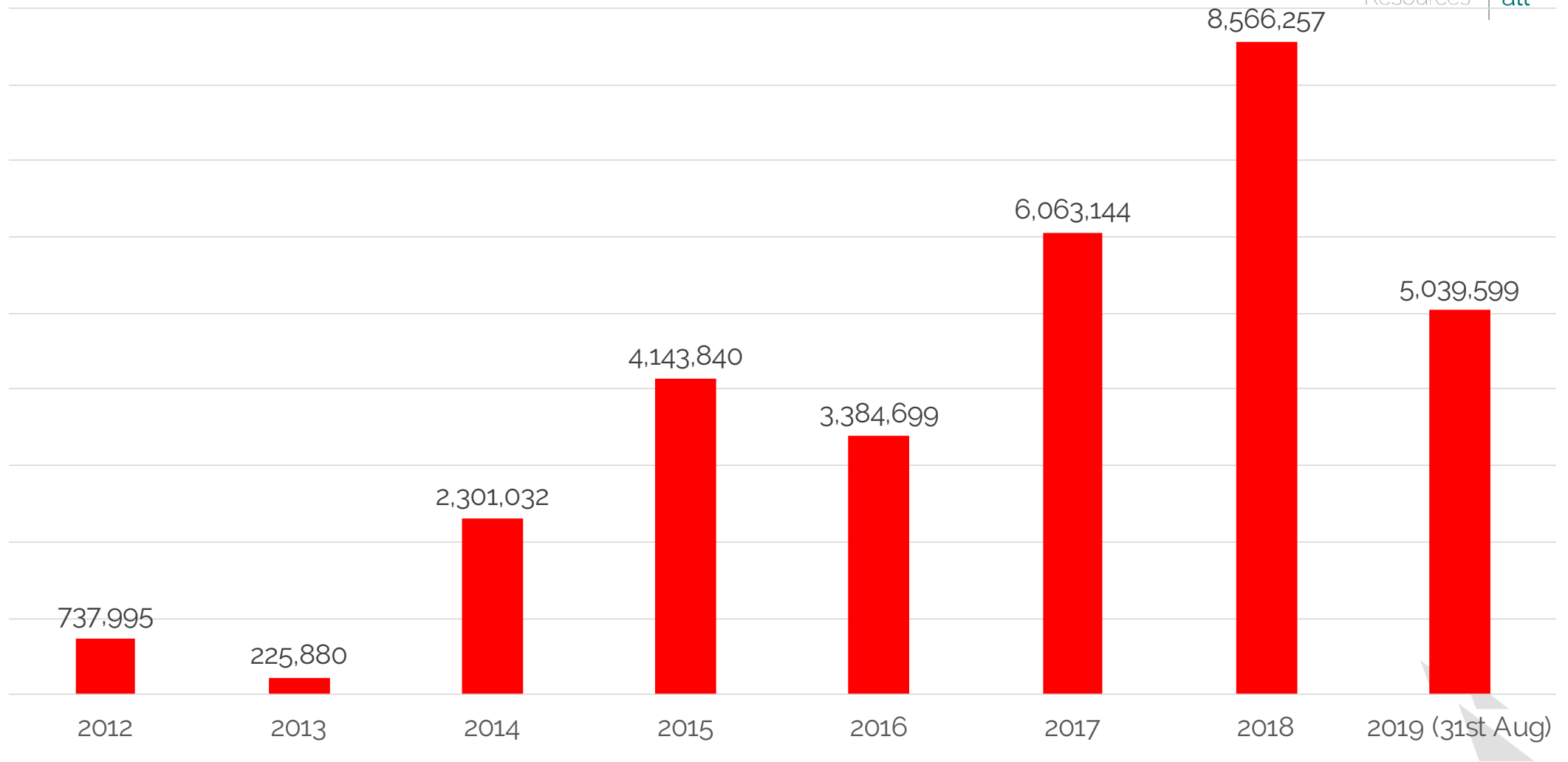
Section - 4

US NAPP Coal - Imports Overview



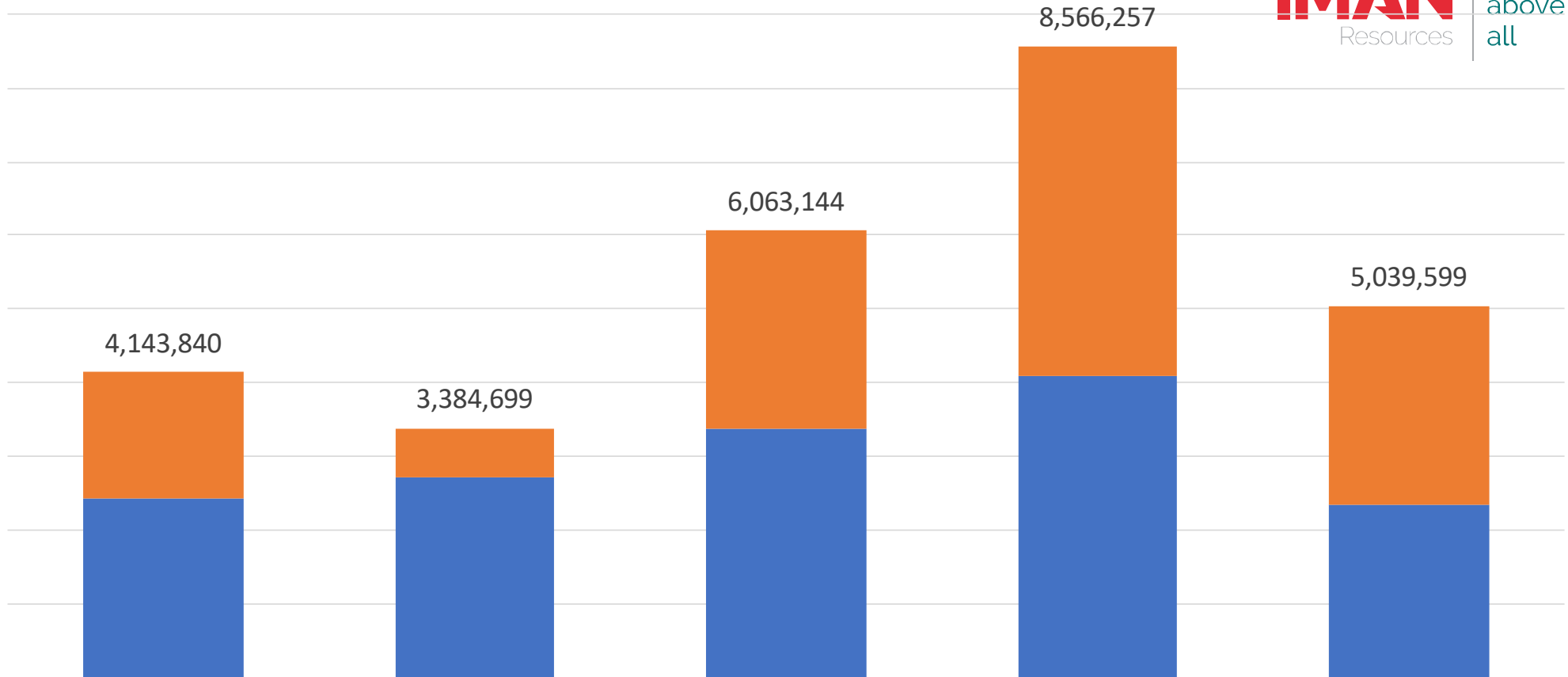
Total NAPP Coal Imports to India

(Data based on Arrival of Vessels at Discharge port / in MT)

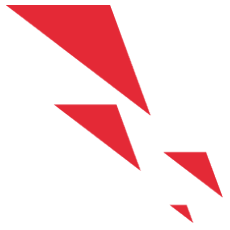


NAPP Coal / Retail vs Industrial Sales

(Data based on Arrival of Vessels at Discharge port / in MT)



	2015	2016	2017	2018	2019 (31st Aug)
Industry	1,701,074	666,345	2,674,872	4,459,602	2,684,669
Retail	2,442,766	2,718,354	3,388,272	4,106,655	2,354,930
Total	4,143,840	3,384,699	6,063,144	8,566,257	5,039,599



Section - 5

Coking Coal - Imports Overview



India's Coking Coal Imports (MoM)



India's Coking Coal Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
AUSTRALIA	3,707,210	3,333,040	11.23 %	24,784,574	26,743,453	(7.32)%
CANADA	280,395	292,035	(3.99)%	3,376,871	3,080,846	9.61 %
COLOMBIA				16,870	11,500	46.70 %
INDONESIA	200,950	29,435	582.69 %	958,327	363,769	163.44 %
MOZAMBIQUE	101,020	125,562	(19.55)%	1,296,993	1,007,283	28.76 %
NEW ZEALAND		61,550	(100.00)%	103,724	239,455	(56.68)%
RUSSIA		24,150	(100.00)%	219,120	289,870	(24.41)%
USA	185,623	594,117	(68.76)%	2,918,729	3,447,070	(15.33)%
TOTAL	4,475,197	4,459,889	0.34 %	33,675,208	35,183,247	(4.29)%



Section - 6

PCI - Imports Overview



India's PCI Imports (MoM)



India's PCI Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
AUSTRALIA	784,127	711,016	10.28 %	6,229,056	4,243,403	46.79 %
CANADA				130,320	100,081	30.21 %
RUSSIA	442,435	97,994	351.49 %	2,688,665	1,376,026	95.39 %
TOTAL	1,226,562	809,010	51.61 %	9,048,041	5,719,510	58.20 %



India's PCI Imports (Brand Wise)



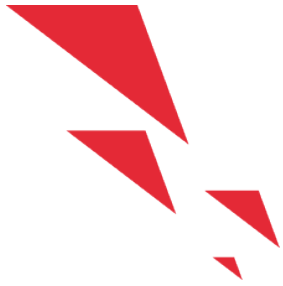
India's PCI Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
AUSTRALIA	784,127	711,016	10.28 %	6,229,056	4,243,403	46.79 %
BHP 17% VM PCI COAL				57,228		
BHP 19% VM PCI COAL	20,813			111,924		
CAPRICORN PCI COAL	75,000	120,901		566,120	191,263	
CENTURY PCI COAL				102,904	339,714	
CURRAGH 10 PCT ASH PCI COAL	10,150	10,978		131,903	84,595	
EMERALD PCI COAL IN BULK					52,274	
JELLINBAH PCI COAL	257,772	164,472		1,645,941	1,206,245	
LAKE VERMONT PCI COAL	51,585	74,643		564,262	399,062	
LOW ASH PCI COAL (TSL PCI 8)	82,500			735,597	267,933	
MIDDLEMOUNT PCI COAL				203,798		
PCI COAL IN BULK	74,102			410,105	157,320	
PEAK DOWNS NORTH PCI COAL		185,565		70,448	299,701	
POITREL PCI COAL	202,057	154,457		1,054,511	9,14,888	
SOUTH WALKER PCI COAL				388,960	201,430	
WERRIS CREEK LOW ASH PCI COAL				157,272	78,960	
YARRABEE PCI COAL	10,148			28,083	50,018	

India's PCI Imports (Brand Wise)



India's PCI Import (Metric Tons)						
	Aug-19	Aug-18	% Change	YTD 2019	YTD 2018	% Change
CANADA				130,320	100,081	30.21 %
TECK CRO PCI SOFT COKING COAL				130,320	20,581	
BRULE LV PCI COAL					79,500	
RUSSIA	442,435	97,994	351.49 %	2,688,665	1,376,026	95.39 %
KRASNY BROD PCI COAL	85,536			739,401	230,786	
PCI COAL IN BULK	356,899	22,777		1,841,784	851,961	
BEREZOVSKY PCI COAL					101,932	
MV PCI COAL (12 to 18 % VM)		75,217		96,080	156,807	
HV PCI COAL (Above 25% VM)				11,400	34,540	





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