

## INDIA: REFINING 2015-16

[Refining Capacity \(on 1<sup>st</sup> April 2015 and 1<sup>st</sup> April 2016\)](#)

[Crude Oil Processing and Capacity Utilization](#)

[Distillates Production](#)

[POL Production](#)

[Product – International Price](#)

[Cracks and Spreads](#)

### Refining Capacity (Million MT on 1<sup>st</sup> April 2015)

Indian Oil Corporation Ltd.	
Digboi	0.650
Guwahati	10.00
Koyali	13.70
Barauni	6.00
Haldia	7.50
Mathura	8.00
Panipat	15.00
Bongaigaon	2.35
Total	54.20

Hindustan Petroleum Corp. Ltd.	
Mumbai	6.50
Visakhapatnam	8.30
Total	14.80
Other PSU Refineries	
NRL, Numaligarh	3.00
MRPL	15.00
ONGC, Tatipaka	0.066

Bharat Petroleum Corp. Ltd.	
Mumbai	12.00
Kochi	9.50
Total	21.50

Chennai Petroleum Corp. Ltd.	
Chennai	10.50
Narimanam	1.00
Total	11.50

<b>Total PSU Refineries Capacity</b>	<b>120.066</b>
--------------------------------------	----------------

JV refineries	
BPC, BORL-Bina	6.00
HMEL,GGSR	9.00
JV Total	15.00

Private Refineries	
RIL, Jamnagar	33.00
RIL , (SEZ), Jamnagar	27.00
Essar Oil Ltd. , Jamnagar	20.00
Pvt. Total	80.00

Total Refining Capacity of India	215.066
	4.319 Million barrels per day

**Refining Capacity**  
(Million MT on 1<sup>st</sup> April 2016)



Total Refining Capacity of India	230.66 ^
	4.62 Million barrels per day

^ Include capacity of 15000 TMT of Paradip refinery of Indian Oil Corp. Ltd.

**Crude Processing**  
(Million MT)

PSU Refineries	2013-14	2014-15	2015-16	CAPACITY UTILIZATION (2015-16), %
IOCL	53.13	53.59	57.19	103.67
HPCL	15.51	16.18	17.23	116.42
BPCL	22.97	23.18	24.09	112.05
CPCL	10.63	10.78	9.63	83.74
MRPL	14.65	14.68	15.60	104.00
NRL	2.61	2.78	2.52	84.00
SUB TOTAL	119.50	121.19	126.26	105.16

JV Refineries	2013-14	2014-15	2015-16	CAPACITY UTILIZATION (2015-16), %
HMEL	9.27	7.34	10.71	119.00
BORL	5.45	6.21	6.40	106.67
SUB TOTAL	14.72	13.55	17.11	114.07

Pvt. Refineries	2013-14	2014-15	2015-16	CAPACITY UTILIZATION (2015-16), %
ESSAR	20.20	20.49	19.11	95.55
RIL	68.03	68.04	69.44	115.73
<b>SUB TOTAL</b>	<b>88.23</b>	<b>88.53</b>	<b>88.55</b>	<b>110.69</b>

	2013-14	2014-15	2015-16	CAPACITY UTILIZATION (2015-16), %
<b>All India Crude Processing</b>	<b>222.45</b>	<b>223.27</b>	<b>231.92</b>	<b>107.84</b>

### Crude Capacity vs. Processing - 2015-16



	Capacity On 01/04/2015 Million MT	% Share	Crude Processing Million MT	% Share in Total Cap.
PSU Ref	120.07	55.83	126.26	54.44
JV. Ref	15.00	06.97	17.11	07.38
Pvt. Ref	80.00	37.20	88.55	38.18
<b>Total</b>	<b>215.07</b>	<b>100.00</b>	<b>231.92</b>	<b>100.00</b>

### POL PRODUCTION

(Million MT)



	2013-14	2014-15	2015-16
From Refineries	216.44	217.08	227.90
From Fractionators	3.87	3.65	3.38
<b>Total</b>	<b>220.31</b>	<b>220.73</b>	<b>231.28</b>

### DISTILLATE PRODUCTION

(Million MT)



	2013-14	2014-15	2015-16
Light Distillates, MMT	58.81	59.54	63.60
Middle Distillates, MMT	112.85	113.41	118.31
<b>Total Distillates, MMT</b>	<b>171.66</b>	<b>172.95</b>	<b>181.91</b>
<b>% Distillates production</b>	<b>77.17</b>	<b>77.46</b>	<b>78.43</b>

**INTERNATIONAL PRICE EX SINGAPORE ,**  
**(\$/bbl.)**



	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
<b>Gasoline</b>	<b>114.31</b>	<b>95.45</b>	<b>61.72</b>
<b>Naphtha</b>	<b>100.22</b>	<b>82.22</b>	<b>48.54</b>
<b>Kero / Jet</b>	<b>121.23</b>	<b>66.62</b>	<b>58.17</b>
<b>Gas Oil (0.05% S)</b>	<b>121.99</b>	<b>99.44</b>	<b>57.63</b>
<b>Dubai crude</b>	<b>104.58</b>	<b>83.77</b>	<b>45.63</b>
<b>Indian crude basket</b>	<b>105.52</b>	<b>84.16</b>	<b>46.17</b>

**CRACKS SPREADS**  
**(\$/ bbl.)**



	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
<b>Gasoline crack</b>			
<b>Dubai crude based</b>	<b>9.73</b>	<b>11.68</b>	<b>16.09</b>
<b>Indian crude basket</b>	<b>8.79</b>	<b>11.29</b>	<b>15.55</b>
<b>Diesel crack</b>			
<b>Dubai crude based</b>	<b>17.41</b>	<b>15.67</b>	<b>12.00</b>
<b>Indian crude basket</b>	<b>16.47</b>	<b>15.28</b>	<b>11.46</b>