

**MONTHLY REPORT ON INDIGENOUS CRUDE OIL  
PRODUCTION, IMPORT AND PROCESSING**

**&**

**PRODUCTION, IMPORT AND EXPORT OF PETROLEUM  
PRODUCTS**

**May 2019**



**Petroleum Planning & Analysis Cell**

(Ministry of Petroleum & Natural Gas)

1. In this report, indigenous crude oil production, imports and processing as well as production and imports/exports of petroleum products by oil companies are analyzed monthly to assess the domestic availability of petroleum products in the country for consumption.

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### Highlights

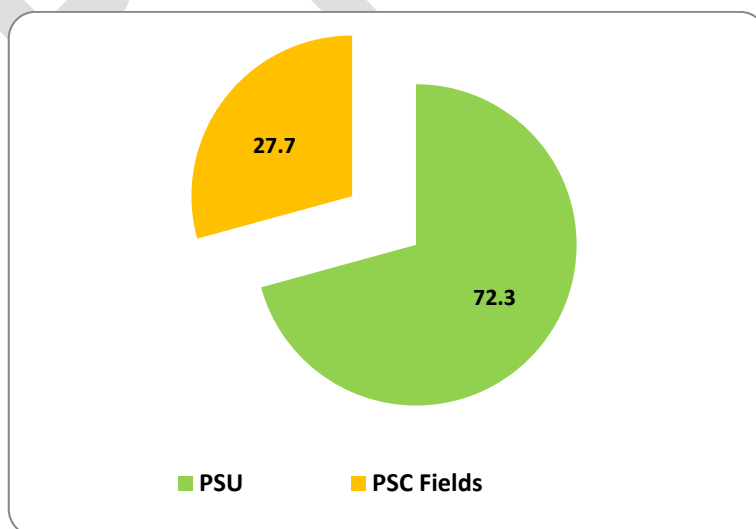
- Indigenous crude oil and condensate production during May 2019 was lower by 6.9% than that of May 2018. On cumulative basis de-growth of 6.8% was registered in total indigenous production during April - May 2019 over the corresponding period of the previous year.
- Total crude oil processed during May 2019 was 21.6 MMT, which was 3% lower than May 2018. On cumulative basis a marginal increase of 0.4% was registered in the total crude oil processed during April - May 2019 over the corresponding period of the previous year.
- Production of petroleum products during May 2019 saw a de-growth of 1.5% over May 2018. However, on cumulative basis an increase of 1.3% was registered in the total production of petroleum products during April - May 2019 over the corresponding period of the previous year.
- Crude oil imports decreased by 4.2% during May 2019 and increased by 4.3% during April - May 2019 as compared to the same period of the previous year.
- POL products imports increased by 7.7% and 4.2% during May 2019 and April - May 2019 respectively as compared to the same period of the previous year. Increase in POL products imports during April - May 2019 was due to increase in imports of LPG, MS, ATF, HSD and LOBS/lube oil.
- Exports of POL products increased by 19.6% and 17.7% during May 2019 and April - May 2019 respectively as compared to the same period of the previous year. Increase in POL products exports during April - May 2019 was due to increase in exports of all POL products except ATF and VGO.

## 2. Indigenous crude oil and condensate production

- Production of indigenous crude oil and condensate of 2800 TMT in May 2019 registered a de-growth of 6.9% as compared to May 2018. Total indigenous production during April - May 2019 (5519 TMT) was a 6.8% degrowth over the corresponding period of the previous year.
- OIL's crude oil production in May 2019 (274 TMT) was lower by 3.9% as compared to the production during May 2018. OIL's crude oil production registered a de-growth of 3.6% during April - May 2019 over the corresponding period of the previous year.
- In case of ONGC, crude oil and condensate production in May 2019 (1760 TMT) was lower by 4.4% as compared to May 2018. De-growth of 4.6% in production was recorded during April - May 2019 over the corresponding period of the previous year.
- Indigenous crude oil and condensate production under PSC fields (767 TMT) decreased by 13.1% during May 2019 as compared to May 2018. On cumulative basis production from PSC fields during April - May 2019 was 12.4% lower than the crude oil and condensate production during April - May 2018.

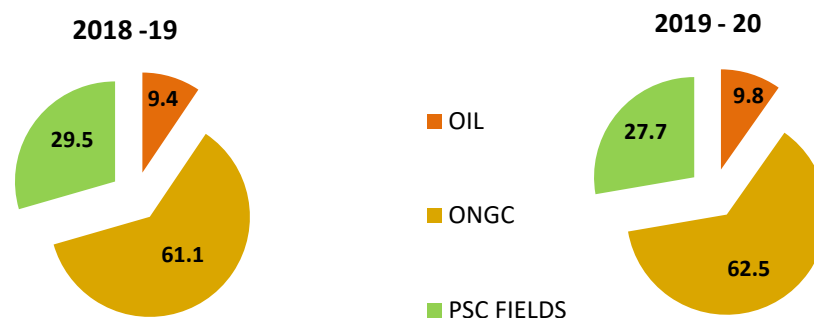
The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April - May 2019 <sup>(P)</sup> is shown in figure-1 below:

**Figure-1; Percentage share in crude oil and condensate production; April - May 2019<sup>(P)</sup>**



- The percentage share of ONGC and OIL in total crude oil and condensate production increased while the share of PSC fields decreased during April - May 2019 over the corresponding period of the previous year. The comparison is shown in figure-2 below:

**Figure-2; Percentage share in crude oil production; April – May<sup>(P)</sup>**



### 3. Crude oil processing by Oil Companies

- Total crude oil processed by Indian refineries was 21.6 MMT during May 2019 and 42.3 MMT during April - May 2019.
- During May 2019 crude oil processed was lower by 3% over May 2018. However, during April - May 2019 crude oil processed was marginally higher by 0.4% over the corresponding period of the previous year.
- Refineries processed 74.2% of high sulphur crudes during May 2019 as compared to 76.2% in May 2018. During April - May 2019, 75.6% high sulphur crudes were processed against 75.1% during April - May 2018.
- Based on processing of indigenous crude oil/condensate and the country's domestic POL consumption, self-sufficiency of petroleum products was 15.1% in May 2019 against 16.2% during May 2018. During April - May 2019 self-sufficiency was 14.2% against 16.2% during the corresponding period of the previous year.

## 4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators are given in Table-1.

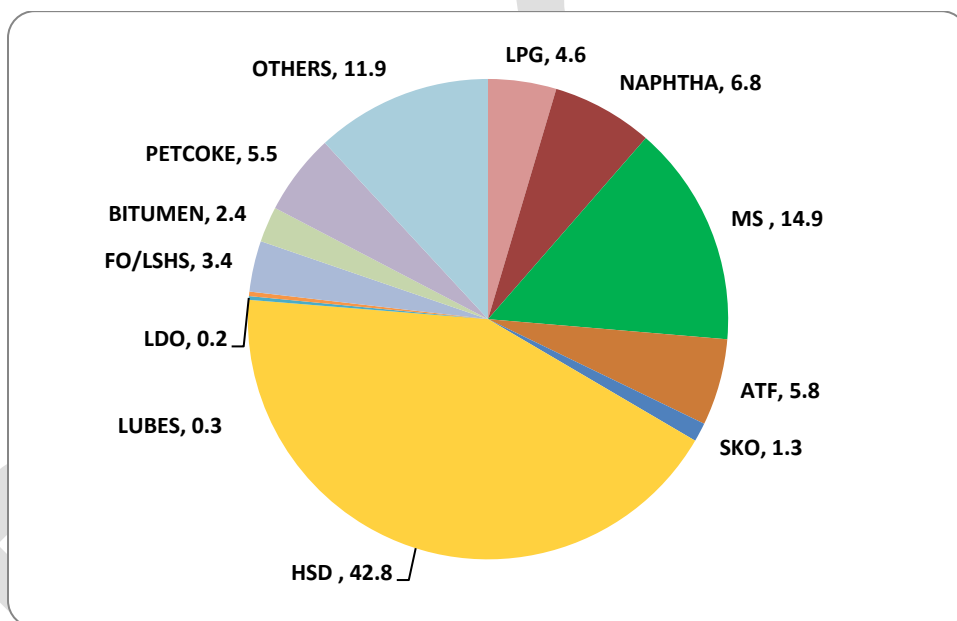
<b>Table-1; Production of petroleum products</b>		
<i>(Thousand Metric Tonnes)</i>		
<b>PRODUCTS</b>	<b>May 2019 <sup>(P)</sup></b>	<b>April – May 2019<sup>(P)</sup></b>
LPG	996	1975
NAPHTHA	1536	2930
MS	3275	6418
ATF	1266	2509
SKO	284	546
HSD	9357	18417
LDO	61	107
LUBES	72	130
FO	753	1404
LSHS	36	68
BITUMEN	508	1031
RPC(Pet-coke)	1147	2346
Others	2656	5110
<b>TOTAL</b>	<b>21947</b>	<b>42992</b>

*Note: (P): Provisional. Source: Oil Companies*  
*\* Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.*

- Production of petroleum products from refineries and fractionators decreased by 1.5% during May 2019 over May 2018. However, an increase of 1.3% was registered in total production of petroleum products from refineries and fractionators during April – May 2019 over the corresponding period of the previous year.
- LPG production registered a de-growth of 8.9% and 6.3% respectively during May 2019 and April – May 2019 over the corresponding period of the previous year.
- Naphtha production registered a de-growth of 1.2% and 4.5% respectively during May 2019 and April – May 2019 over the corresponding period of the previous year.
- FO production increased by 21.3% and 9.2% respectively during May 2019 and April – May 2019 over the corresponding period of the previous year.

- Bitumen production registered a de-growth of 11.3% and 12.8% % respectively during May 2019 and April – May 2019 over the corresponding period of the previous year.
- Pet-coke production decreased by 10.6% during May 2019 over May 2018. However, pet-coke production increased by 3.6% during April – May 2019 over the corresponding period of the previous year.
- The percentage share of various products in total POL production during April – May 2019 is shown in figure-3 below:

**Figure-3; Percentage share of POL products in production; April – May 2019<sup>(P)</sup>**



LPG, MS, ATF, SKO and HSD accounted for 69.5% of total POL production during April – May 2019.

## 5. Import of Crude oil and Petroleum Products

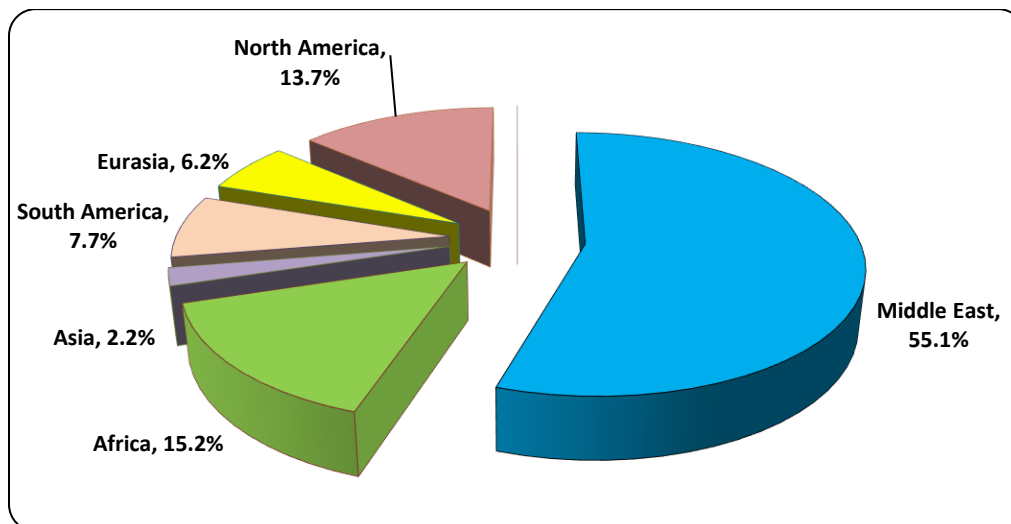
Details of import of crude oil and petroleum products are given in Table-2 below:

<b>Table-2; Import of Crude oil and Petroleum Products</b>		
<i>(Thousand Metric Tonnes)</i>		
<b>IMPORT</b>	<b>May 2019 <sup>(P)</sup></b>	<b>April – May 2019 <sup>(P)</sup></b>
<b>Crude oil</b>	19128	38852
<b>PRODUCT #</b>		
LPG	987	2254
MS/ Petrol	125	244
Naphtha	137	284
ATF	21	106
HSD	205	340
LOBS/Lube oil	217	431
Fuel Oil	77	125
Bitumen	71	143
Petcoke	661	1322
Others\$	329	585
<b>TOTAL</b>	<b>2830</b>	<b>5833</b>
<i>Notes: (P): Provisional. Source: Oil Companies &amp; DGCIS</i>		
<i># May 2019 private import (POL) quantity prorated on the basis of April 2018-March 2019 actual data provided by DGCIS.</i>		
<i>\$ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.</i>		

- Crude oil imports decreased by 4.2% during May 2019 and increased by 4.3% during April - May 2019 as compared to the same period of the previous year.
- Crude oil imports from OPEC countries decreased to 73.4% of total imports during April - May 2019 as compared to 85.5% during April - May 2018.
- Crude oil imports by PSU/JV decreased by 10.7% during May 2019 and increased by 1.8% during April - May 2019 over the corresponding period of the previous year.
- Crude oil imports by private companies increased by 7.3% and 8.7% during May 2019 and April - May 2019 respectively over the corresponding period of the previous year.

- Region wise crude oil import share during April – May 2019 is given in figure-4.

**Figure-4; Region wise percentage share of crude oil imports; April – May 2019 <sup>(P)</sup>**

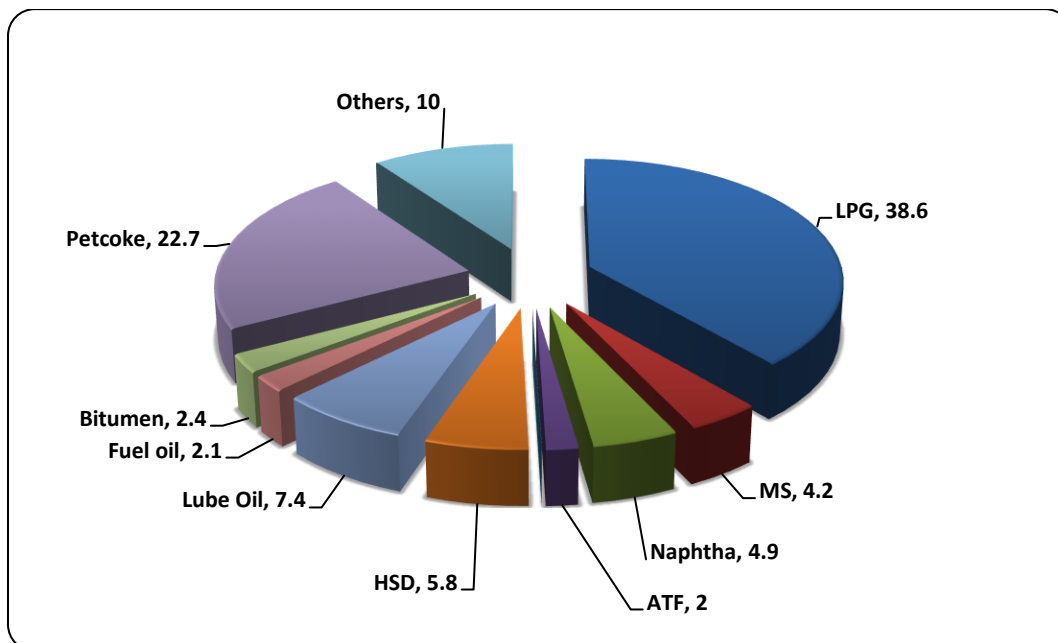


- POL products imports increased by 7.7% and 4.2% during May 2019 and April - May 2019 respectively as compared to the same period of the previous year. Increase in POL products imports during April - May 2019 was due to increase in imports of LPG, MS, ATF, HSD and LOBS/lube oil.
- Imports of LPG and pet-coke accounted for 58.2% share of the total petroleum product imports during May 2019, while LPG alone accounted for 34.9% of total POL imports. Further, 92.7% of total LPG imports were from the Middle Eastern region during April - May 2019.
- Import of MS decreased by 23.6% during May 2019 as compared to May 2018.
- Imports of naphtha decreased by 13.7% during May 2019 as compared to May 2018.
- Import of HSD increased by 78.3% during May 2019 as compared to May 2018.
- Imports of LOBS/lube oil decreased by 8.9% during May 2019 as compared to May 2018.
- Imports of fuel oil decreased by 38.4% during May 2019 as compared to May 2018.



- The percentage share of all major products in the imports of the country during April – May 2019 is shown in figure-5.

**Figure-5; Percentage share of petroleum products in imports; April – May 2019 <sup>(P)</sup>**



## 6. Export of Petroleum Products

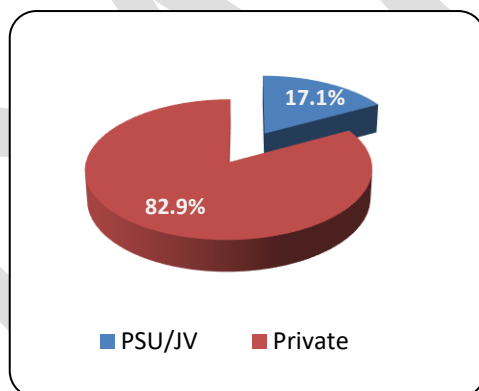
The details of export of petroleum products are given in Table-3 below:

PRODUCT	<i>(Thousand Metric Tonnes)</i>	
	May 2019 <sup>(P)</sup>	April – May 2019 <sup>(P)</sup>
LPG	36	73
MS	1434	2436
Naphtha	917	1532
ATF	473	1027
SKO	2	3
HSD	2101	4118
LDO	0	0
LOBS/Lube oil	1	1
Fuel Oil	99	153
Bitumen	3	7
Pet Coke	73	123
VGO	48	48
Others <sup>#</sup>	247	318
<b>TOTAL EXPORT</b>	<b>5434</b>	<b>9841</b>

*Note: (P): Provisional. Source: Oil Companies*  
<sup>#</sup> Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.

- Exports of POL products increased by 19.6% and 17.7% during May 2019 and April - May 2019 respectively as compared to the same period of the previous year. Increase in POL products exports during April - May 2019 was due to increase in exports of all POL products except ATF and VGO.
- MS exports increased by 25% and 18.1% during May 2019 and April - May 2019 respectively over the corresponding period of the previous year.
- HSD exports increased by 5.7% and 16.2% during May 2019 and April - May 2019 respectively over the corresponding period of the previous year.
- Percentage share of POL exports by PSU/JV and private oil companies during April – May 2019 is given in figure -6.

**Figure-6; Percentage share of PSU/JV and private oil companies in POL exports; April – May 2019<sup>(P)</sup>**



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