

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

&

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

June 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.

Highlights

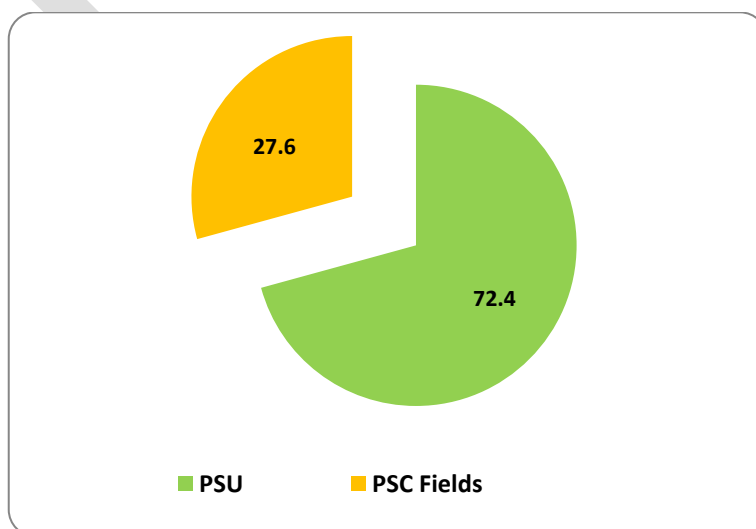
- Indigenous crude oil and condensate production during June 2019 as well as during April -June 2019 was lower by 6.8% as compared to the corresponding period of the previous year.
- Total crude oil processed during June 2019 was 20.3 MMT, which was 7.1% lower than June 2018. On cumulative basis de-growth of 2.2% was registered in the total crude oil processed during April - June 2019 over the corresponding period of the previous year.
- Production of petroleum products saw a de-growth of 9.3% and 2.4% during June 2019 and April – June 2019 respectively over the corresponding period of the previous year.
- Crude oil imports decreased by 13.4% and 2.2% during June 2019 and April – June 2019 respectively as compared to the same period of the previous year.
- POL products imports increased by 20.3% and 17.5% during June 2019 and April – June 2019 respectively as compared to the same period of the previous year. Increase in POL products imports during April – June 2019 was due to increase in all imports except naphtha, lubes/LOBS and fuel oil.
- Exports of POL products decreased by 11.4% during June 2019 but increased by 6.4% during April – June 2019 as compared to the same period of the previous year. Decrease in POL products exports during June 2019 was due to decrease in all exports except SKO, lubes/LOBS, fuel oil and products coming under “others” category.

2. Indigenous crude oil and condensate production

- Production of indigenous crude oil and condensate of 2688 TMT in June 2019 registered a de-growth of 6.8% as compared to June 2018. Total indigenous production during April - June 2019 (8207 TMT) was a 6.8% degrowth over the corresponding period of the previous year.
- OIL's crude oil production in June 2019 (267 TMT) was lower by 4% as compared to the production during June 2018. OIL's crude oil production registered a de-growth of 3.7% during April - June 2019 over the corresponding period of the previous year.
- In case of ONGC, crude oil and condensate production in June 2019 (1686 TMT) was lower by 5% as compared to June 2018. De-growth of 4.7% in production was recorded during April - June 2019 over the corresponding period of the previous year.
- Indigenous crude oil and condensate production under PSC fields (734 TMT) decreased by 11.7% during June 2019 as compared to June 2018. On cumulative basis production from PSC fields during April - June 2019 was 12.2% lower than the crude oil and condensate production during April - June 2018.

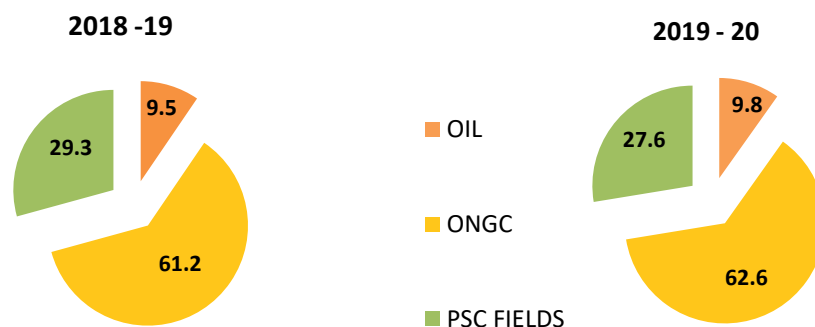
The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April - June 2019 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April - June 2019^(P)



- The percentage share of ONGC and OIL in total crude oil and condensate production increased while the share of PSC fields decreased during April - June 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 – June^(P)



3. Crude oil processing by Oil Companies

- Total crude oil processed by Indian refineries was 20.3 MMT during June 2019 and 62.6 MMT during April - June 2019.
- Crude oil processed was lower by 7.1% and 2.2% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- Refineries processed 70.4% of high sulphur crudes during June 2019 as compared to 78.7% in June 2018. During April - June 2019, 73.9% high sulphur crudes were processed as compared to 76.4% during April - June 2018.
- Based on processing of indigenous crude oil/condensate and the country's domestic POL consumption, self-sufficiency of petroleum products was 16.1% in June 2019 against 16.3% during June 2018. During April - June 2019 self-sufficiency was 14.8% 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.

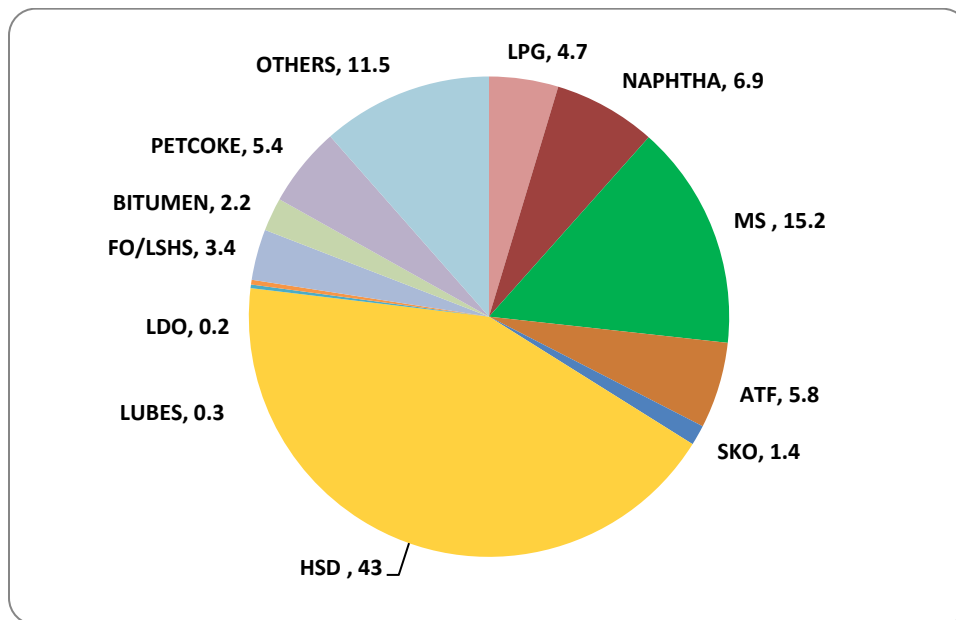
Table-1; Production of petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Products	June 2019 ^(P)	April – June 2019^(P)
LPG	985	2960
Naphtha	1466	4396
MS	3216	9635
ATF	1179	3688
SKO	318	864
HSD	8904	27321
LDO	47	155
Lubes	70	200
FO	673	2078
LSHS	29	97
Bitumen	395	1426
RPC(Pet-coke)	1076	3423
Others	2192	7302
Total	20552	63544

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 9.3% and 2.4% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- LPG production registered a de-growth of 8.6% and 7.1% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- Naphtha production registered a de-growth of 7.5% and 5.5% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- FO production increased by 4.2% and 7.5% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- Bitumen production registered a de-growth of 21.2% and 15.3% % respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.

- Pet-coke production decreased by 12.3% and 2.0% respectively during June 2019 and April – June 2019 over the corresponding period of the previous year.
- The percentage share of various products in total POL production during April – June 2019 is shown in figure-3 below:

Figure-3; Percentage share of POL products in production; April – June 2019^(P)



LPG, MS, ATF, SKO and HSD accounted for 70% of total POL production during April – June 2019.

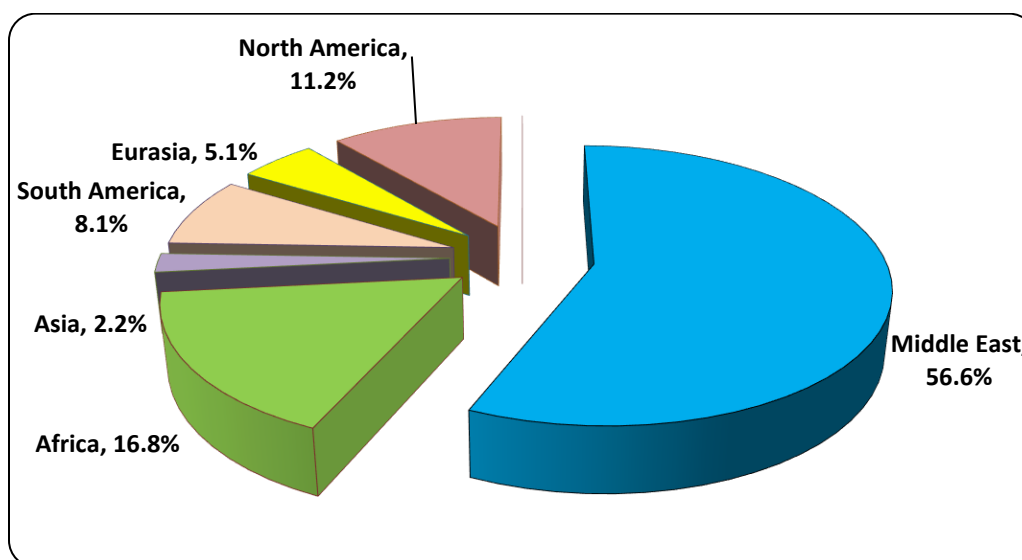
5. Import of Crude oil and Petroleum Products

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

Table-2; Import of Crude oil and Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Import	June 2019 ^(P)	April – June 2019 ^(P)
Crude oil	16865	55447
Products #		
LPG	939	3242
MS/ Petrol	183	427
Naphtha	133	360
ATF	18	100
HSD	450	791
LOBS/Lube oil	247	638
Fuel Oil	309	421
Bitumen	72	257
Petcoke	702	2721
Others [§]	376	972
Total	3430	9930
<i>Notes: (P): Provisional. Source: Oil Companies & DGCIS</i>		
<i># May-June 2019 private import (POL) quantity prorated on the basis of May 2018-April 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 13.4% and 2.2% during June 2019 and April – June 2019 respectively as compared to the same period of the previous year.
- Crude oil imports from OPEC countries decreased to 77% of total imports during April - June 2019 as compared to 82.9% during April - June 2018.
- Crude oil imports by PSU/JV decreased by 20.5% and 6.7% during June 2019 and April - June 2019 respectively over the corresponding period of the previous year.
- Crude oil imports by private companies decreased by 0.3% during June 2019 and increased by 5.7% during April - June 2019 over the corresponding period of the previous year.
- Region wise crude oil import share during April – June 2019 is given in figure-4.

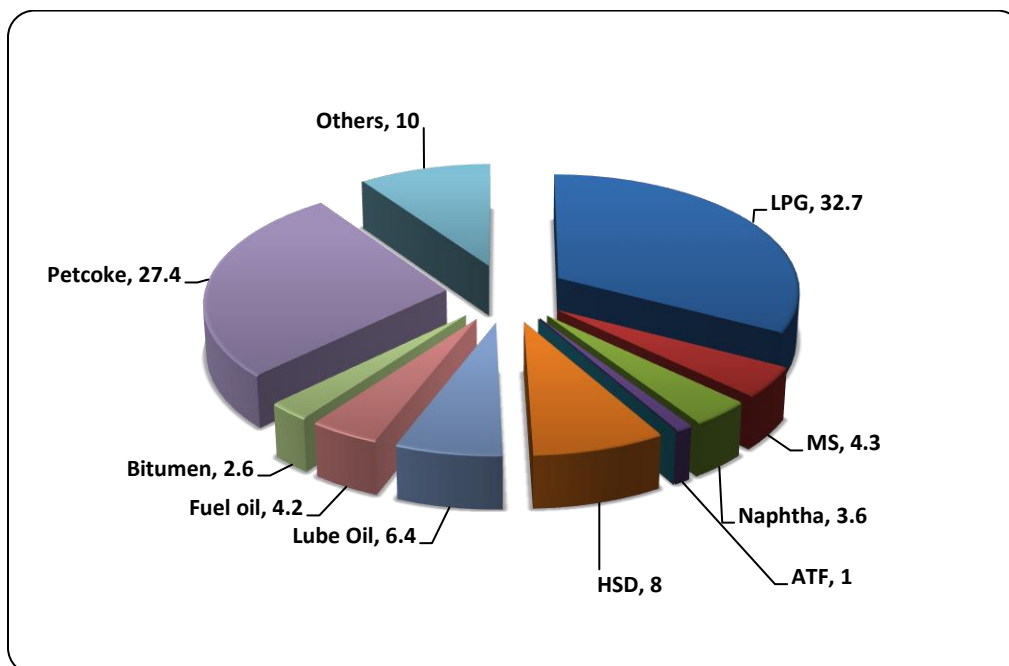
Figure-4; Region wise percentage share of crude oil imports; April – June 2019 ^(P)



- POL products imports increased by 20.3% during June 2019 as compared to June 2018 due to increase in all imports except LPG, naphtha, lubes/LOBS and petcoke.
- On cumulative basis, POL products imports increased by 17.5% during April - June 2019 as compared to April – June 2018 due to increase in all imports except naphtha, lubes/LOBS and fuel oil.
- Imports of LPG and pet-coke accounted for 47.8% share of the total petroleum product imports during June 2019, while LPG alone accounted for 27.4% of total POL imports. Further, 92.8% of total LPG imports were from the Middle Eastern region during April - June 2019.
- Import of 183 TMT of MS was done during June 2019 as compared to “Nil” imports during June 2018. Import was done by PSU companies to meet the production deficit due to shutdown of refinery.
- Imports of naphtha decreased by 8.7% during June 2019 as compared to June 2018.
- Import of 450 TMT of HSD was done during June 2019 as compared to 5 TMT of HSD import during June 2018. Import was done by PSU company to meet the production deficit due to refinery shutdown.
- Imports of LOBS/lube oil decreased by 8.9% during June 2019 as compared to June 2018.
- Imports of fuel oil increased by 58.8% during June 2019 as compared to June 2018.

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

Figure-5; Percentage share of petroleum products in imports; April – June 2019 ^(P)



6. Export of Petroleum Products

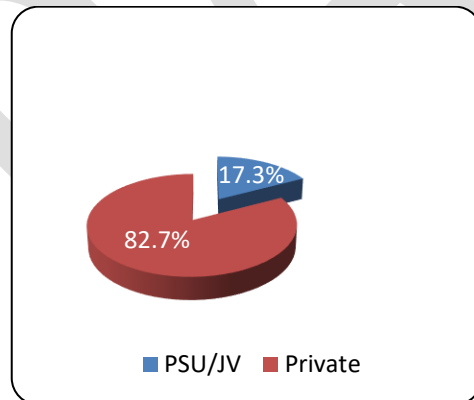
The details of export of petroleum products are given in Table-3 below:

Table-3; Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	June 2019 ^(P)	April – June 2019 ^(P)
LPG	34	107
MS	867	3303
Naphtha	521	2053
ATF	634	1661
SKO	2	5
HSD	2220	6338
LDO	0	0
LOBS/Lube oil	1	1
Fuel Oil	127	280
Bitumen	1	8
Pet Coke	42	165
VGO	17	65
Others [#]	265	583
Total Export	4731	14571

Note: (P): Provisional. Source: Oil Companies
[#] Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.

- Exports of POL products decreased by 11.4% during June 2019 as compared to June 2018 due to decrease in all exports except SKO, lubes/LOBS, fuel oil and products coming under “others” category.
- On cumulative basis, POL products exports increased by 6.4% during April - June 2019 as compared to April – June 2018 due to increase in all exports except ATF, petcoke/CBFS and VGO.
- MS exports decreased by 28.1% during June 2019 and increased by 1.1% during April – June 2019 over the corresponding period of the previous year.
- HSD exports decreased by 9.3% during June 2019 but increased by 5.8% during April – June 2019 over the corresponding period of the previous year.
- Percentage share of POL exports by PSU/JV and private oil companies during April – June 2019 is given in figure -6.

Figure-6; Percentage share of PSU/JV and private oil companies in POL exports; April – June 2019^(P)



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