

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

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

April 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 on a monthly basis to assess the domestic availability of petroleum products in the country for consumption.

Highlights

- Indigenous crude oil and condensate production during April 2019 was lower by 6.9% than that of April 2018. OIL, ONGC and PSC fields registered de-growth of 3.3%, 4.9% and 12.4% respectively during April 2019 as compared to April 2018.
- Total crude oil processed during April 2019 was 20.7 MMT, which was 4.3% higher than April 2018.
- Production of petroleum products during April 2019 saw a growth of 4.3% over April 2018.
- Crude oil imports increased by 14.1% during April 2019 as compared to April 2018.
- POL products imports decreased by 0.8% during April 2019 as compared to April 2018 primarily due to decrease in imports of naphtha, fuel oil, bitumen and pet-coke.
- Exports of POL products increased by 16.6% during April 2019 as compared to April 2018 mainly due to increase in exports of MS, naphtha, ATF and HSD.

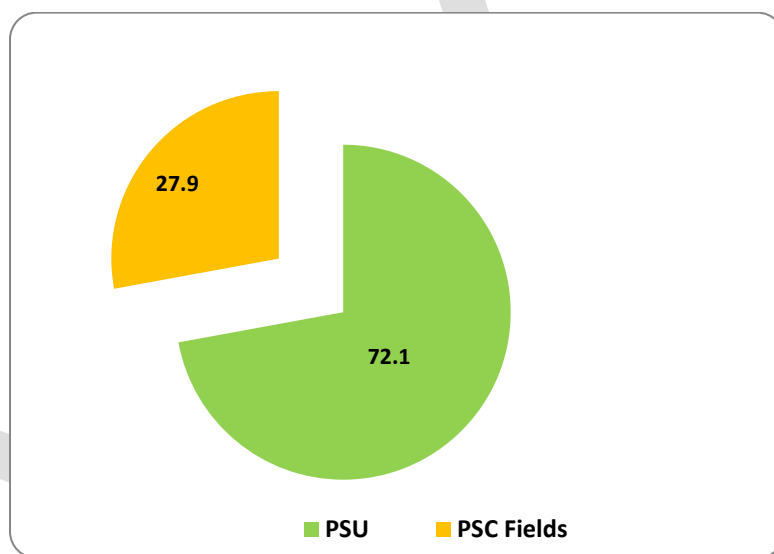
2. Indigenous crude oil and condensate production

- Production of indigenous crude oil and condensate registered a de-growth of 6.9% during April 2019 as compared to April 2018.
- OIL's crude oil production in April 2019 was lower by 3.3% as compared to the production during April 2018.

- In case of ONGC, crude oil and condensate production in April 2019 was lower by 4.9% as compared to April 2018.
- Indigenous crude oil and condensate production under PSC fields decreased by 12.4% during April 2019 as compared to April 2018.

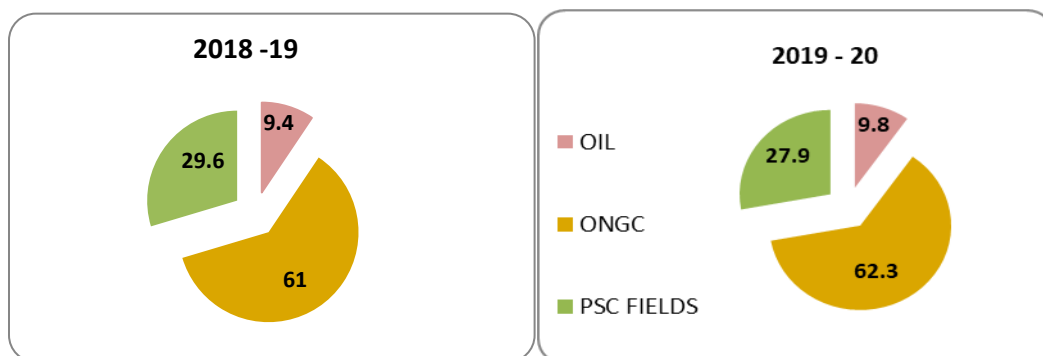
The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April 2019^(P) is shown in figure-1 below:

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



- The percentage share of ONGC and OIL in total crude oil and condensate production has increased during April 2019 over April 2018, while the share of PSC fields has decreased. The comparison is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April^(P)



3. Crude oil processing by Oil Companies

- Total crude oil processed by Indian refineries was 20.7 MMT during April 2019.
- During April 2019 crude oil processed was higher by 4.3% over April 2018.
- Refineries processed 77.2% of high sulphur crudes during April 2019 as compared to 73.9% in April 2018.
- Based on processing of indigenous crude oil/condensate and the country's domestic POL consumption, self-sufficiency of petroleum products was 13.2% in April 2019 against 16.2% during April 2018.

4. Production of Petroleum Products

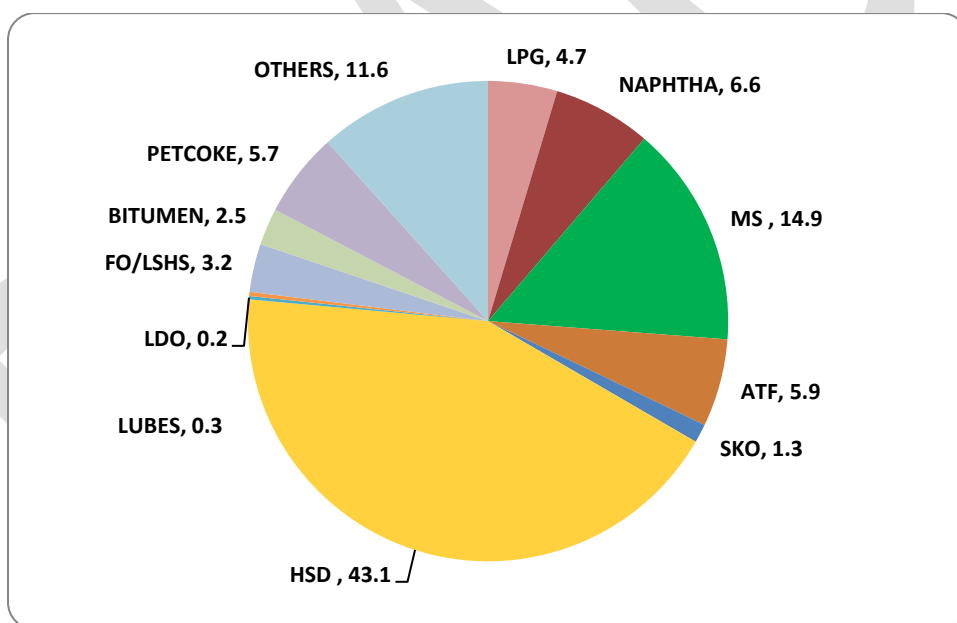
Details of production of petroleum products by refineries and fractionators are given in Table-1.

Table-1; Production of petroleum products	
<i>(Thousand Metric Tonnes)</i>	
PRODUCTS	April 2019 ^(P)
LPG	979
NAPHTHA	1394
MS BS-IV	1828
MS BS-VI	90
MS Others	1226
ATF	1243
SKO	265
HSD BS-IV	5688
HSD BS-VI	120
HSD Others	3257
LDO	46
LUBES	58
FO	651
LSHS	32
BITUMEN	522
Pet-coke	1199
Others	2448
TOTAL	21045

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 increased by 4.3% during April 2019 as compared to April 2018.
- LPG production registered a de-growth of 3.5% during April 2019 over April 2018.
- Naphtha production registered a de-growth of 7.8% during April 2019 over April 2018.
- Fuel oil production decreased by 2.2% during April 2019 over April 2018.
- Bitumen production registered a de-growth of 14.3% during April 2019 over April 2018.
- Pet-coke production increased by 22.2% during April 2019 over April 2018.
- The percentage share of various products in total POL production during April 2019^(P) is shown in figure-3 below:

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



LPG, MS, ATF, SKO and HSD accounted for 69.8% of total POL production during April 2019.

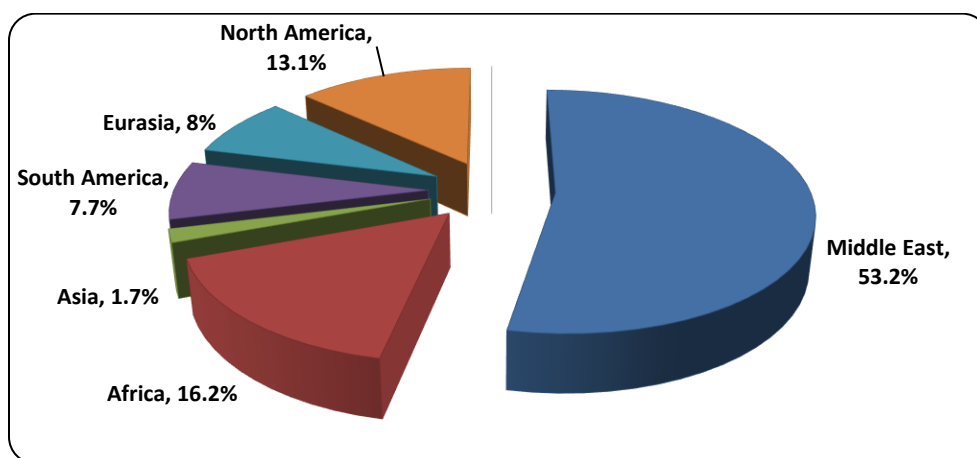
5. Import of Crude oil and Petroleum Products

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	April 2019 ^(P)
Crude oil	19724
PRODUCT #	
LPG	1253
MS/ Petrol	0
Naphtha	154
ATF	88
HSD	253
LOBS/Lube oil	217
Fuel oil	45
Bitumen	70
Petcoke	613
Others [§]	255
TOTAL	2947
<i>Notes: (P): Provisional. Source: Oil Companies & DGCIIS</i>	
<i># April 2019 private import (POL) quantity prorated on the basis of March 2018-February 2019 actual data provided by DGCIIS.</i>	
<i>§ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.</i>	

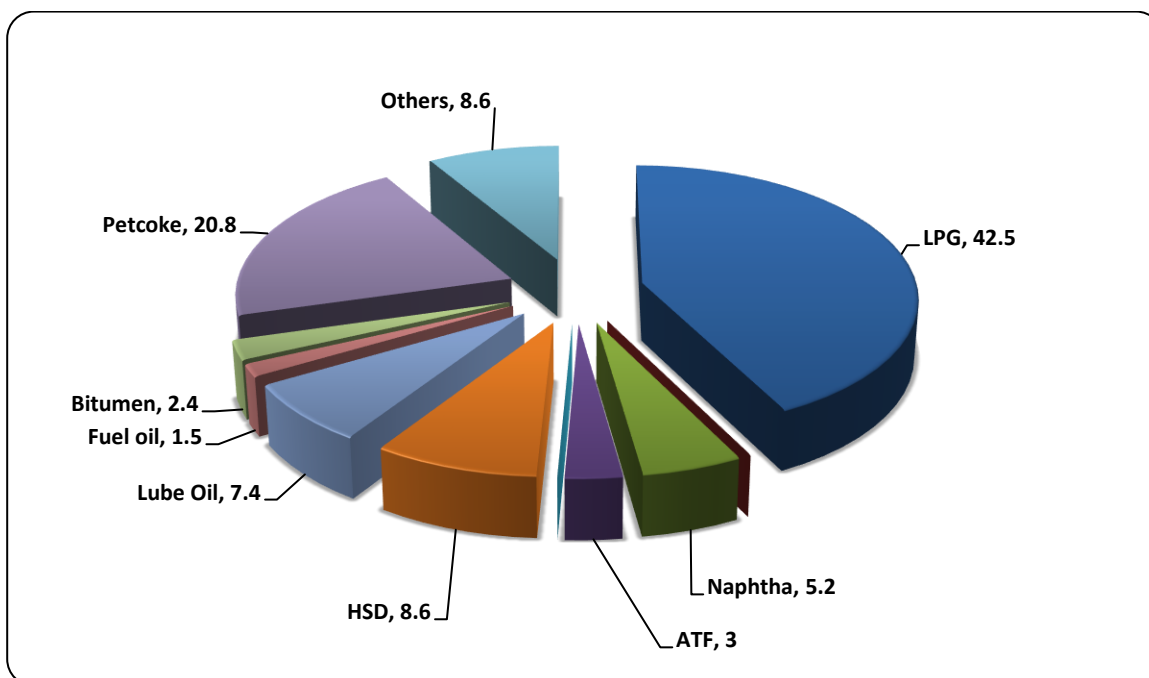
- Crude oil imports increased by 14.1% during April 2019 as compared to April 2018.
- Crude oil imports from OPEC countries decreased to 73.5% of total imports during April 2019 as compared to 83.7% during April 2018.
- Crude oil imports by PSU/JV increased by 16.4% during April 2019 over April 2018.
- Crude oil imports by private companies increased by 10.4% during April 2019 over April 2018.
- Region wise crude oil import share during April 2019 is given in figure-4.

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



- POL products imports decreased by 0.8% during April 2019 as compared to April 2018, due to decrease in imports of naphtha, fuel oil, bitumen and pet-coke.
- Imports of LPG and pet-coke accounted for 63.3% share of the total petroleum product imports during April 2019, while LPG alone accounted for 42.5% of total POL imports. Further, 93.5% of total LPG imports were from the Middle Eastern region during April 2019.
- Imports of naphtha decreased by 60% during April 2019 as compared to April 2018.
- Imports of 253 TMT of HSD was done during April 2019 as compared to 72 TMT of HSD import during April 2018.
- Imports of LOBS/lube oil increased by 45.9% during April 2019 as compared to April 2018.
- Imports of fuel oil decreased by 83.5% during April 2019 as compared to April 2018.
- The percentage share of all major products in the imports of the country during April 2019 is shown in figure-5.

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



6. Export of Petroleum Products

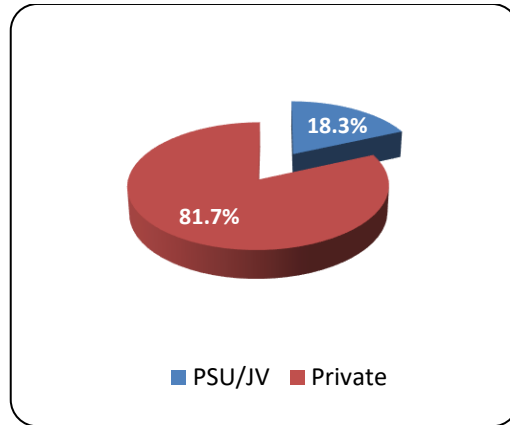
The details of export of petroleum products are given in Table-3 below:

Table-3; Export of major petroleum products	
(Thousand Metric Tonnes)	
PRODUCT	April 2019 ^(P)
LPG	38
MS	1044
Naphtha	615
ATF	554
SKO	2
HSD	2017
LDO	0
LOBS/Lube oil	0.1
Fuel Oil	55
Bitumen	4
Pet Coke	50
VGO	0
Others [#]	71
TOTAL EXPORT	4449
<i>Note: (P): Provisional. Source: Oil Companies</i>	
<i># Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.</i>	

- Exports of POL products increased by 16.6% during April 2019 as compared to April 2018 mainly due to increase in exports of MS, naphtha, ATF and HSD.
- MS exports increased by 14.1% during April 2019 over April 2018.

- HSD exports increased by 29.7% during April 2019 over April 2018.
- Percentage share of POL exports by PSU/JV and private oil companies during April 2019 is given in figure -6.

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



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