

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

&

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

July 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 July 2019 and April - July 2019 was lower by 4.4% and 6.2% respectively as compared to the corresponding period of the previous year.
- Total crude oil processed during July 2019 was 21.8 MMT, which was 2.8% lower than July 2018. On cumulative basis de-growth of 2.3% was registered in the total crude oil processed during April - July 2019 over the corresponding period of the previous year.
- Production of petroleum products saw a de-growth of 0.9% and 2% during July 2019 and April – July 2019 respectively over the corresponding period of the previous year.
- Crude oil imports decreased by 1.2% and 2% during July 2019 and April – July 2019 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 8.9% and 22.5% during July 2019 and April – July 2019 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April – July 2019 was due to increase in all imports except naphtha, fuel oil and "others" category.
- Exports of POL products decreased by 5.1% during July 2019 and increased by 2.9% during April – July 2019 as compared to the corresponding period of the previous year. Increase in POL products exports during April - July 2019 was due to increase in all exports except ATF, petcoke/CBFS and VGO.

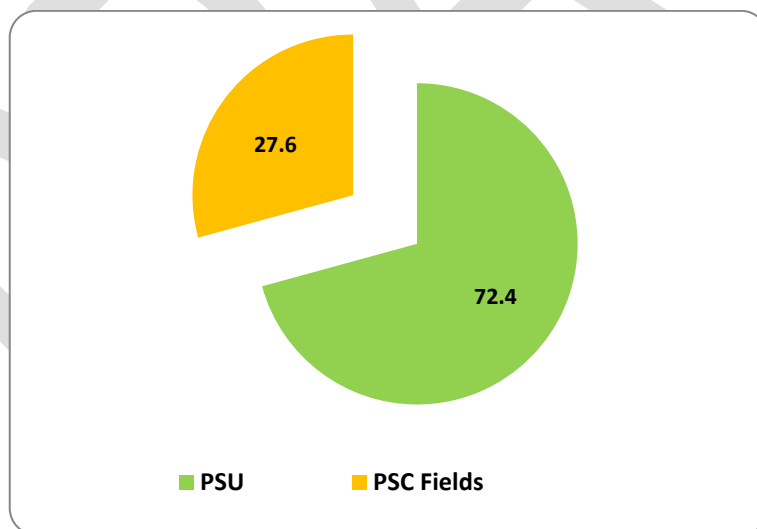
2. Indigenous crude oil and condensate production

- Production of indigenous crude oil and condensate of 2769 TMT in July 2019 registered a de-growth of 4.4% as compared to July 2018. Total indigenous production during April - July 2019 (10976 TMT) was a 6.2% degrowth over the corresponding period of the previous year.

- OIL's crude oil production in July 2019 (274 TMT) was lower by 4.7% as compared to the production during July 2018. OIL's crude oil production registered a de-growth of 4% during April - July 2019 over the corresponding period of the previous year.
- In case of ONGC, crude oil and condensate production in July 2019 (1731 TMT) was lower by 3.2% as compared to July 2018. De-growth of 4.4% in production was recorded during April - July 2019 over the corresponding period of the previous year.
- Indigenous crude oil and condensate production under PSC fields (764 TMT) decreased by 6.8% during July 2019 as compared to July 2018. On cumulative basis production from PSC fields during April - July 2019 was 10.9% lower than the crude oil and condensate production during April - July 2018.

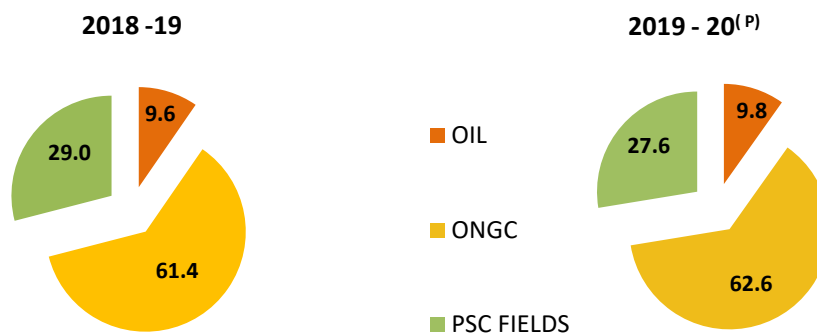
The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April - July 2019 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April - July 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 - July 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 – July



3. Crude oil processing by Oil Companies

- Total crude oil processed by Indian refineries was 21.8 MMT during July 2019 and 84.4 MMT during April - July 2019.
- Crude oil processed was lower by 2.8% and 2.3% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- Refineries processed 73.1% of high sulphur crudes during July 2019 as compared to 77.1% in July 2018. During April - July 2019, 73.7% high sulphur crudes were processed as compared to 76.5% during April - July 2018.
- Based on processing of indigenous crude oil/condensate and the country's domestic POL consumption, self-sufficiency of petroleum products was 16.8% in July 2019 against 17.8% during July 2018. During April - July 2019 self-sufficiency was 15.1% against 16.6% 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.

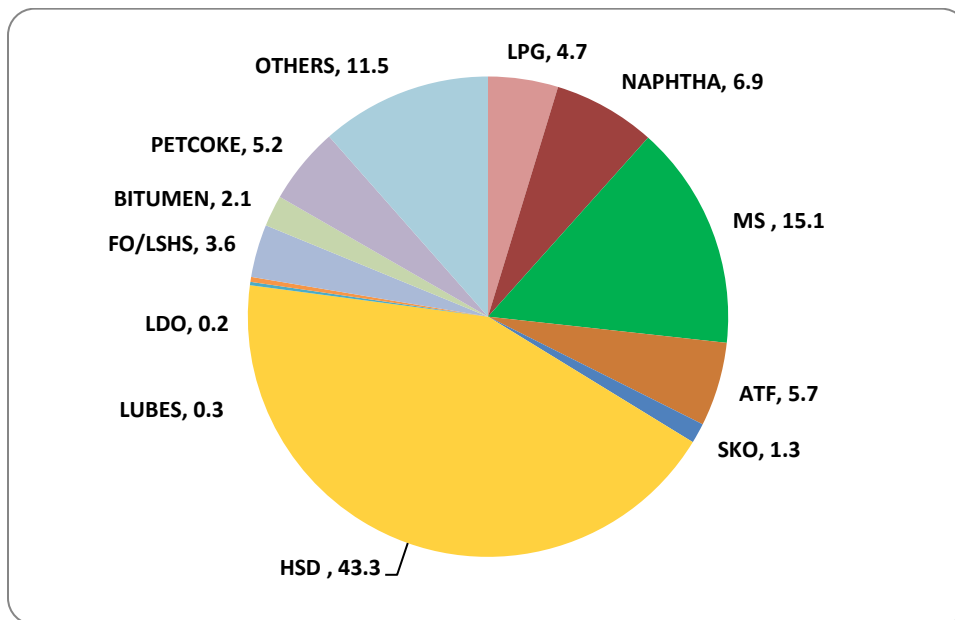
Table-1; Production of petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Products	July 2019 ^(P)	April – July 2019^(P)
LPG	1095	4055
Naphtha	1543	5939
MS	3380	13015
ATF	1180	4868
SKO	296	1161
HSD	9979	37300
LDO	38	193
Lubes	87	287
FO	848	2925
LSHS	38	135
Bitumen	383	1809
RPC(Pet-coke)	1041	4464
Others	2596	9897
Total	22504	86048

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 0.9% and 2% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- LPG production registered a growth of 3.1% and de-growth of 4.5% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- Naphtha production registered a de-growth of 8.3% and 6.3% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- FO production decreased by 8.7% and increased by 2.2% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- Bitumen production registered a growth of 19.9% and de-growth of 9.7% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.

- Pet-coke production decreased by 14.8% and 5.3% respectively during July 2019 and April – July 2019 over the corresponding period of the previous year.
- The percentage share of various products in total POL production during April – July 2019 is shown in figure-3 below:

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



LPG, MS, ATF, SKO and HSD accounted for 70.2% of total POL production during April – July 2019.

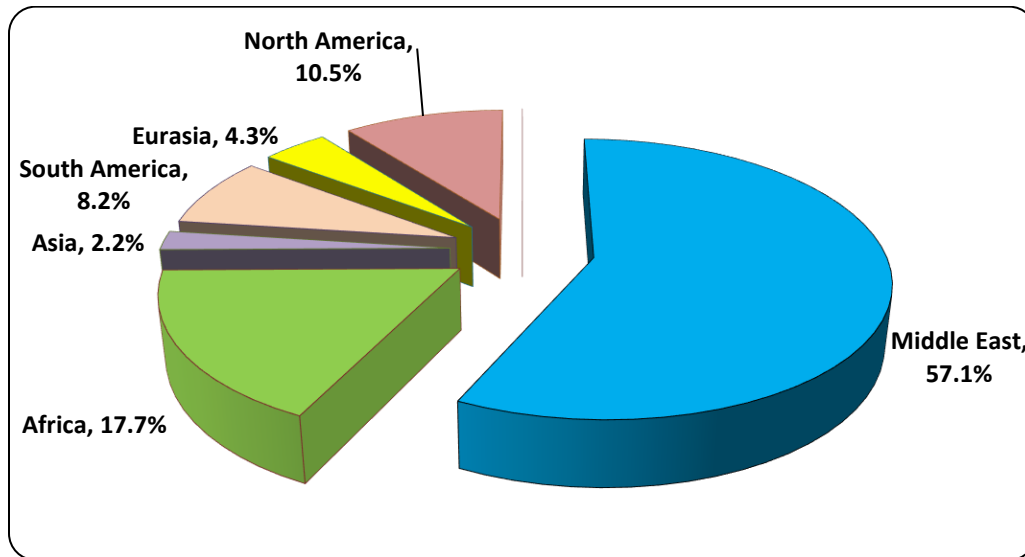
5. Import of Crude oil and Petroleum Products

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	July 2019 ^(P)	April – July 2019 ^(P)
Crude oil	19344	74792
Products #		
LPG	853	4110
MS/ Petrol	225	653
Naphtha	145	507
ATF	17	99
HSD	114	900
LOBS/Lube oil	228	913
Fuel Oil	105	548
Bitumen	76	402
Petcoke	762	4169
Others [§]	283	1215
Total	2809	13515
<i>Notes: (P): Provisional. Source: Oil Companies & DGCIS</i>		
<i># June-July 2019 private import (POL) quantity prorated on the basis of June 2018-May 2019 actual data provided by DGCIS.</i>		
<i>§ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.</i>		

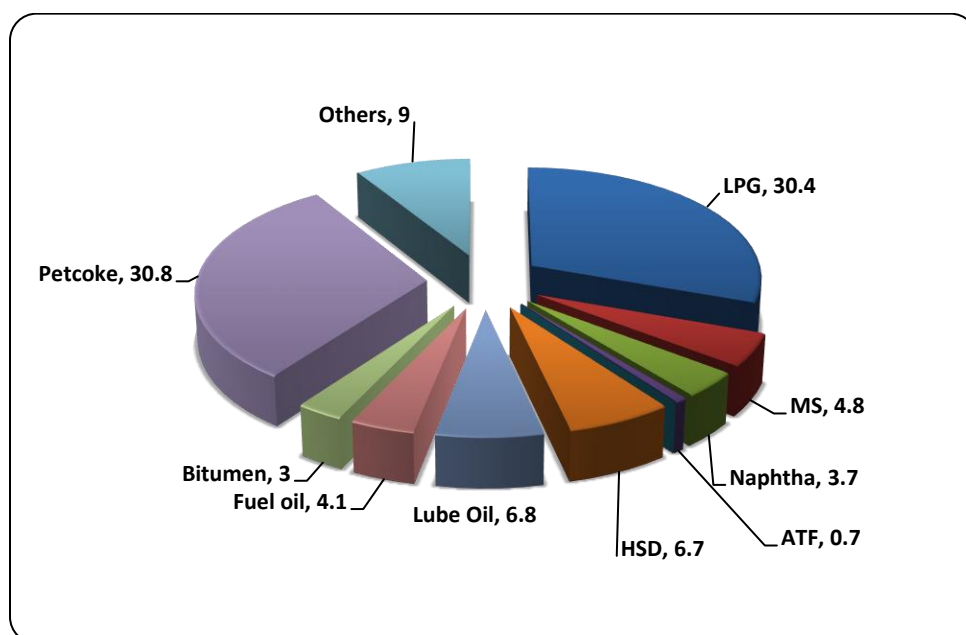
- Crude oil imports decreased by 1.2% and 2% during July 2019 and April – July 2019 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 78% of total imports during April - July 2019 as compared to 83.2% during April - July 2018.
- Crude oil imports by PSU/JV increased by 5.8% during July 2019 and decreased by 3.6% during April - July 2019 over the corresponding period of the previous year.
- Crude oil imports by private companies decreased by 12.7% during July 2019 and increased by 0.8% during April – July 2019 over the corresponding period of the previous year.
- Region wise crude oil import share during April – July 2019 is given in figure-4.

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



- POL products imports increased by 8.9% and 22.5% during July 2019 and April – July 2019 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April – July 2019 was due to increase in all imports except naphtha, fuel oil and "others" category.
- Imports of LPG and pet-coke accounted for 57.5% share of the total petroleum product imports during July 2019, while LPG alone accounted for 30.4% of total POL imports. Further, 94.4% of total LPG imports were from the Middle Eastern region during April - July 2019.
- Imports of 225 TMT of MS was done during July 2019 as compared to "Nil" imports during July 2018.
- Imports of naphtha increased by 1.7% during July 2019 as compared to July 2018.
- Import of 114 TMT of HSD was done during July 2019 as compared to 2 TMT of HSD import during July 2018.
- Imports of LOBS/lube oil increased by 2.5% during July 2019 as compared to July 2018.
- Imports of fuel oil decreased by 36% during July 2019 as compared to July 2018.
- The percentage share of all major products in the imports of the country during April – July 2019 is shown in figure-5.

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



6. Export of Petroleum Products

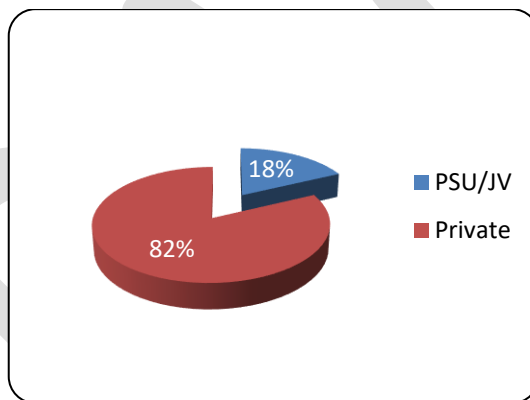
The details of export of petroleum products are given in Table-3 below:

<i>(Thousand Metric Tonnes)</i>		
Product	July 2019 ^(P)	April – July 2019 ^(P)
LPG	38	145
MS	1156	4402
Naphtha	401	2512
ATF	484	2145
SKO	2	7
HSD	2614	8951
LDO	0	0
LOBS/Lube oil	1	2
Fuel Oil	152	432
Bitumen	1	9
Pet Coke	68	191
VGO	42	107
Others [#]	113	695
Total Export	5071	19598

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

- Exports of POL products decreased by 5.1% during July 2019 and increased by 2.9% during April – July 2019 as compared to the corresponding period of the previous year. Increase in POL products exports during April - July 2019 was due to increase in all exports except ATF, petcoke/CBFS and VGO.
- MS exports increased by 10.4% and 2% during July 2019 and April – July 2019 respectively over the corresponding period of the previous year.
- HSD exports increased by 5.3% and 5.7% during July 2019 and April – July 2019 respectively over the corresponding period of the previous year.
- Percentage share of POL exports by PSU/JV and private oil companies during April – July 2019 is given in figure -6.

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



-----X-----