

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

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

July 2020



Petroleum Planning & Analysis Cell

(Ministry of Petroleum & Natural Gas)

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

Highlights

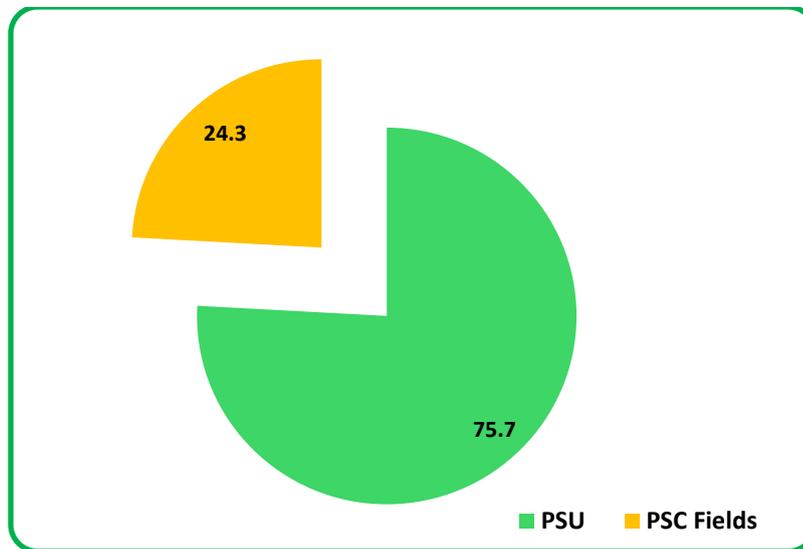
- Indigenous crude oil and condensate production during July 2020 and April – July 2020 was lower by 4.9% and 6.1% respectively as compared to the corresponding period of the previous year.
- Crude oil processed in refineries during July 2020 was 17.7 MMT, which was 18.8% lower than July 2019. On cumulative basis total crude oil processed was 66.3 MMT which was lower by 21.3% during April – July 2020 as compared to April – July 2019.
- Production of petroleum products saw a de-growth of 13.9% and 17.1% respectively during July 2020 and April – July 2020 over the corresponding period of the previous year.
- Crude oil imports decreased by 36.5% and 23.6% during July 2020 and April - July 2020 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 46.2% and 7.9% during July 2020 and April - July 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April - July 2020 was due to increase in imports of LPG, Fuel Oil (FO) and Bitumen.
- Exports of POL products decreased by 22.7% during July 2020 and increased by 2.7% during April - July 2020 as compared to the corresponding period of the previous year. Increase in POL products exports during April - July 2020 was due to increase in exports of high-speed diesel (HSD), fuel oil, petcoke/CBFS and LOBS/lube oil etc.

Part A: Production

2. Indigenous crude oil and condensate production

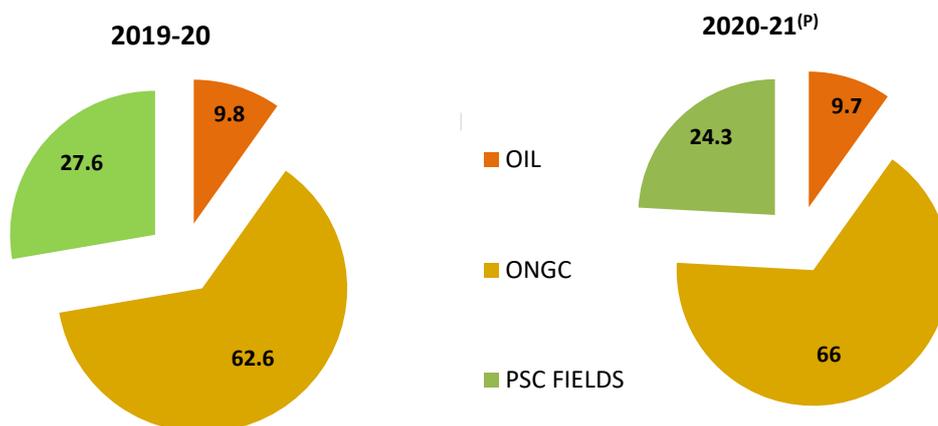
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – July 2020 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – July 2020 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – July 2020 and April – July 2019 is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – July



3. Crude oil processing by Oil Companies

- Analysis of crude oil processing by refineries:

Analysis of type of crude oil processed (i.e. indigenous, imported and low sulphur & high sulphur) in Indian refineries during April – July 2020 and April – July 2019 is given below:

Figure-3; Percentage share of Indigenous/imported crude oil processed in PSU/JV refineries in April-July

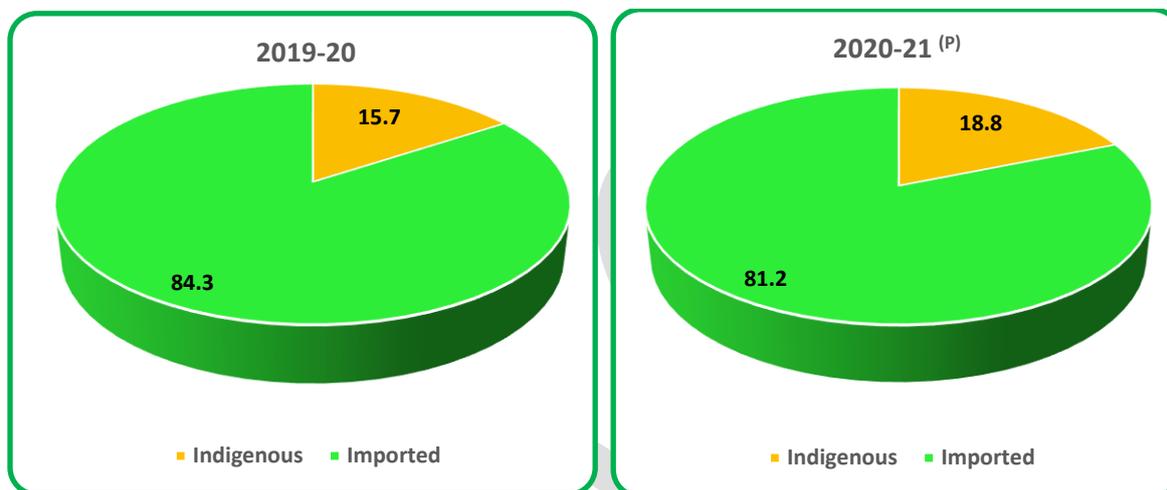


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-July

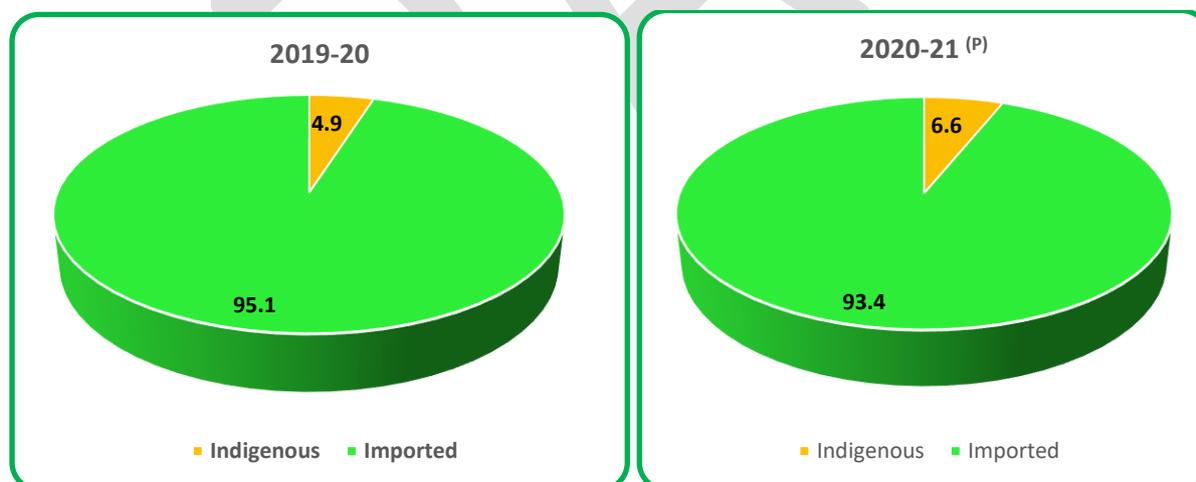


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	July		April – July	
	2019-20	2020-21 ^(P)	2019-20	2020-21 ^(P)
	Qty. in MMT			
High sulphur crude (HS)	15.9	12.6	62.2	48.1
Low sulphur crude (LS)	5.8	5.1	22.0	18.2
Total crude processed	21.8	17.7	84.3	66.3
% share of HS crude in total crude	73.1%	71.4%	73.9%	72.5%

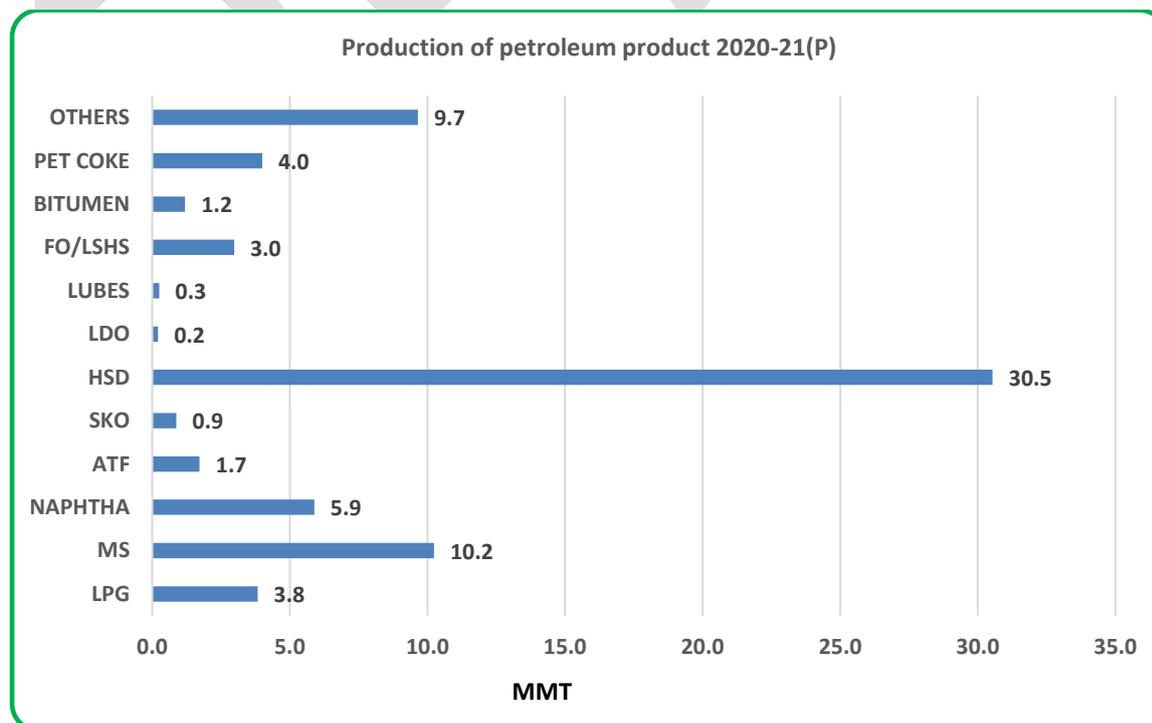
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during July 2020^(P) are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	July 2020 ^(P)
LPG	948
Naphtha	1508
MS	2918
ATF	467
SKO	261
HSD	8532
LDO	75
Lubes	94
FO	651
LSHS	25
Bitumen	281
RPC (Pet-coke)	1013
Others	2615
Total	19387

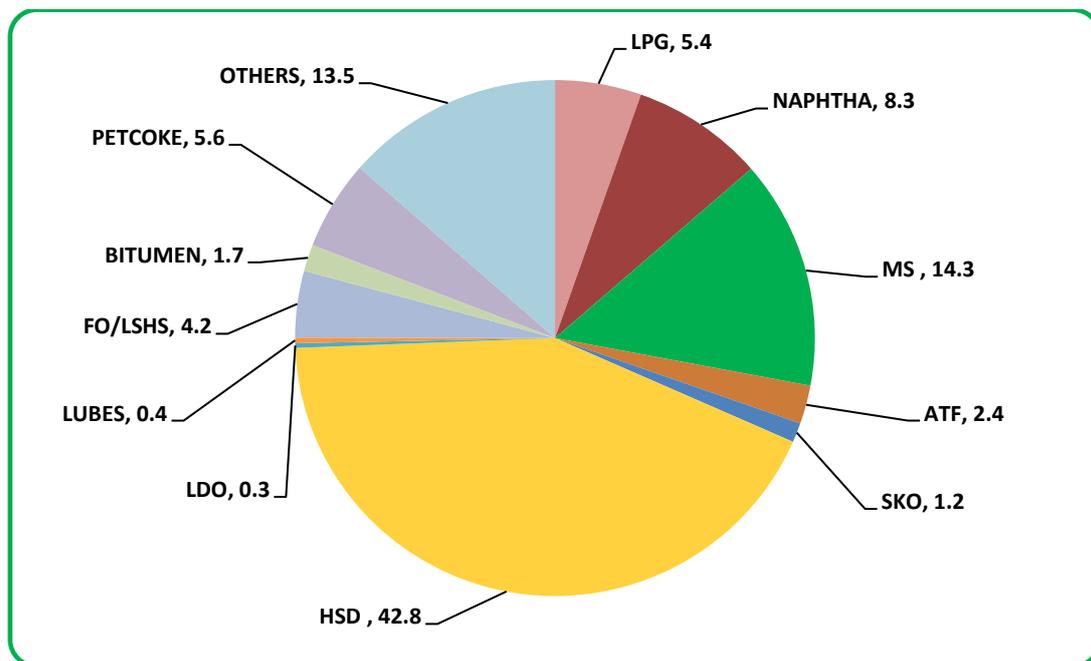
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April – July 2020 ^(P)



The percentage share of various products in total POL production during April – July 2020 is shown in figure-6 below:

Figure-6; Percentage share of POL products in production; April - July 2020 ^(P)



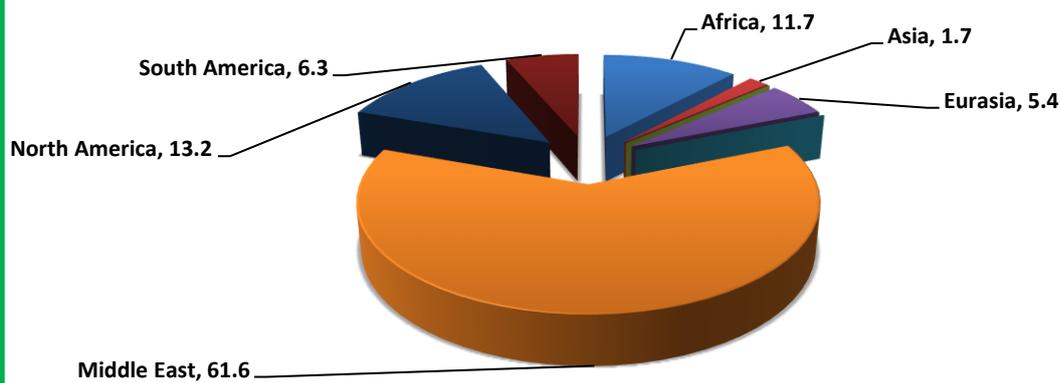
Part B: Import /Export

5.a Import of Crude oil

Details of import of crude oil given in Table-3 below:

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	July ^(P)	April - July ^(P)
CRUDE OIL	12336	57172

Figure 7: Region wise percentage share(%) of crude oil during April to July 2020 (P)



- Crude oil imports decreased by 36.5% and 23.6% during July 2020 and April - July 2020 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 73.9% of total imports during April to July 2020 as compared to 78.0% during April to July 2019.

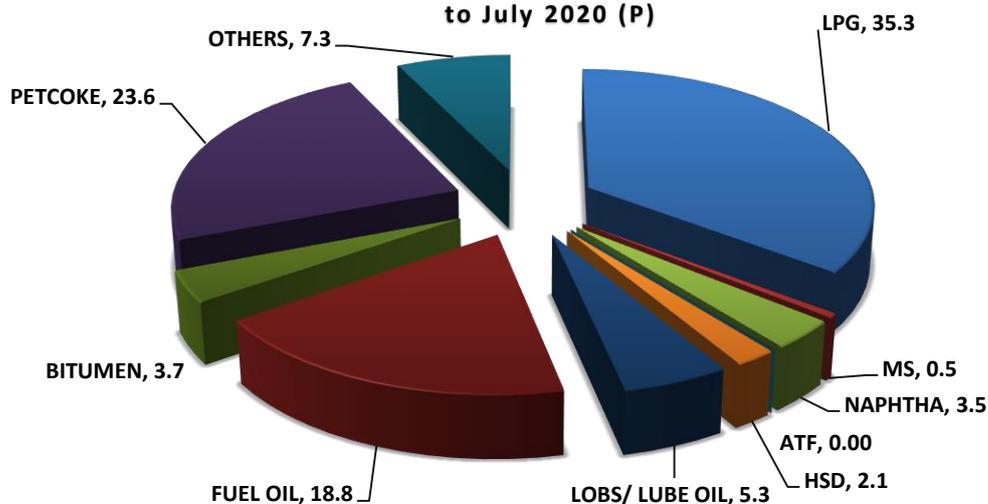
5.b Import Petroleum Products

Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	July ^(P)	April - July ^(P)
LPG	998	5104
MS/ Petrol	38	73
NAPHTHA	132	499
ATF	0	0
HSD	138	299
LOBS/LUBE OIL	193	764
FUEL OIL	1222	2714
BITUMEN	135	541
PETCOKE	854	3415
OTHERS [§]	360	1049
TOTAL IMPORTS	4069	14457

*"Notes: (P): Provisional. Source: Oil Companies & DGCIS
April – July 2020 private import (POL) quantity prorated on the basis of April 2019 – March 2020 actual data provided by DGCIS.
§ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.*

Figure 8: Percentage share of petroleum products in imports: April to July 2020 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 40.6% share of total POL products import during April – July 2020 as compared to 37.3% during April – July 2019.
- Import of petcoke accounted for 23.6% of the total POL imports during April – July 2020. The entire quantity was imported by private importers and mainly by cement industry.

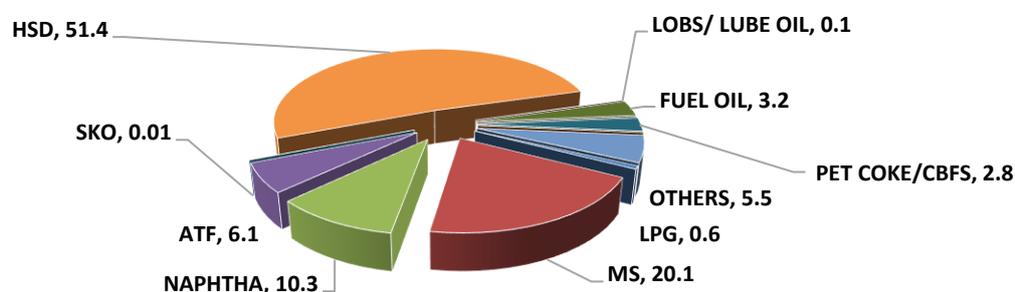
5.c Export of Petroleum Products

Details of export of petroleum products given in Table-5 below:

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	July ^(P)	April - July ^(P)
LPG	31	129
MS	1012	4038
Naphtha	299	2064
ATF	225	1223
SKO	2	2
HSD	2058	10341
LDO	0	0
LOBS/LUBE OIL	3	11
FUEL OIL	78	642
BITUMEN	0	0
PETCOKE	54	562
VGO	0	0
OTHERS [#]	159	1109
TOTAL EXPORT	3921	20122

Note: (P): Provisional. Source: Oil Companies
[#] Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, LDO: Light diesel oil, VGO: Vacuum gas oil, MTO: Mineral turpentine oil

Figure 9: Percentage share of petroleum products in export: April to July 2020 (P)



- Exports of POL products decreased by 22.7% during July 2020 and increased by 2.7% during April - July 2020 as compared to the corresponding period of the previous year. Increase in POL products exports during April - July 2020 was due to increase in exports of high-speed diesel (HSD), fuel oil, petcoke/CBFS and LOBS/lube oil etc.