

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

&

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

May 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

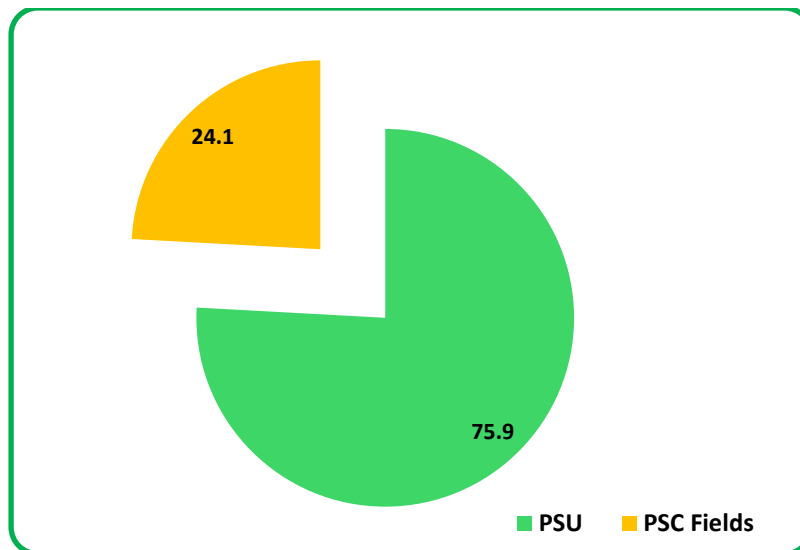
- Indigenous crude oil and condensate production during May 2020 and April – May 2020 was lower by 7.1% and 6.7% respectively as compared to the corresponding period of the previous year.
- Crude oil processed in refineries during May 2020 was 16.3 MMT, which was 24.2% lower than May 2019. On cumulative basis total crude oil processed was 31.1 MMT which was lower by 26.5% during April – May 2020 as compared to April – May 2019.
- Production of petroleum products saw a de-growth of 21.3% and 22.7% respectively during May 2020 and April – May 2020 over the corresponding period of the previous year.
- Crude oil imports decreased by 22.6% and 19.2% during May 2020 and April - May 2020 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 0.8% and 3.6% during May 2020 and April - May 2020 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April - May 2020 was due to decrease in imports of motor spirit (MS), aviation turbine fuel (ATF), high-speed diesel (HSD), LOBS/lube oil, bitumen and petcoke etc.
- Exports of POL products increased by 5.9% and 19.8% during May 2020 and April - May 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April - May 2020 was due to increase in exports of high-speed diesel (HSD), LOBS/lube oil, fuel oil and petcoke /CBFS etc.

Part A: Production

2. Indigenous crude oil and condensate production

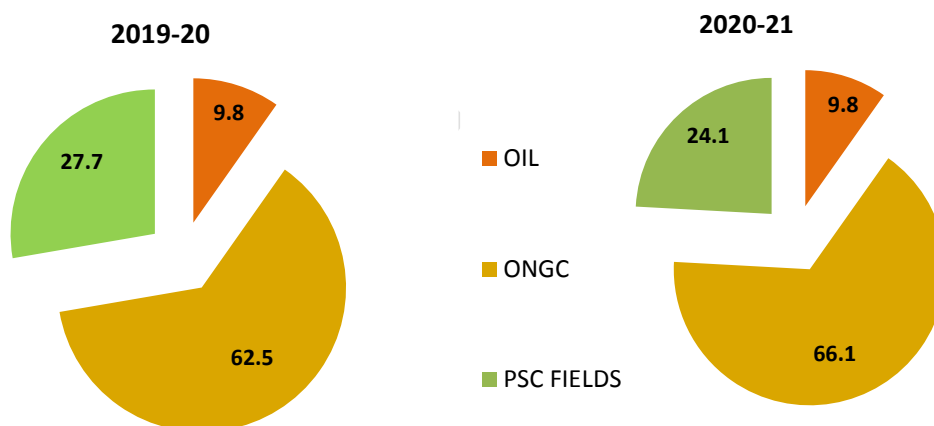
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – May 2020 ^(P) is shown in figure-1 below:

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



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

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



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 – May 2020 and April – May 2019 is given below:

Figure-3; Percentage share of Indigenous/imported crude oil processed in PSU/JV refineries in April-May^(P)

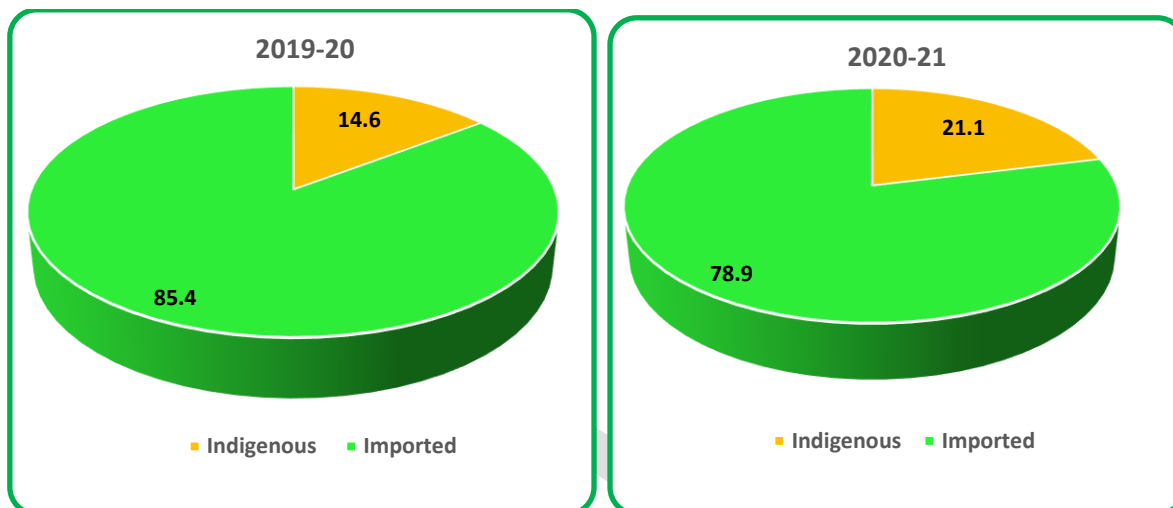


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-May^(P)

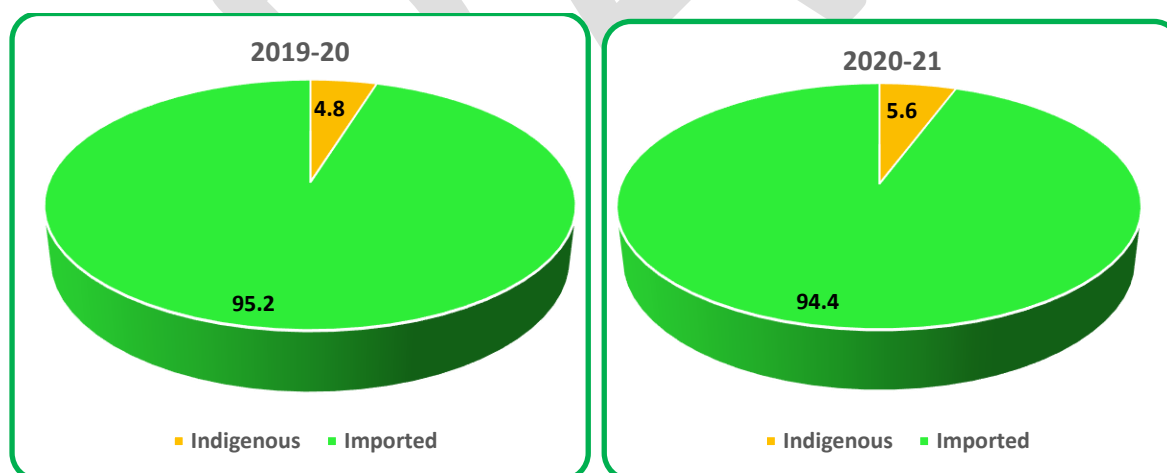


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	May ^(P)		April – May ^(P)	
	2019-20	2020-21		2019-20
	Qty. in MMT			
High sulphur crude (HS)	16.0	12.1	32.0	22.8
Low sulphur crude (LS)	5.6	4.2	10.3	8.3
Total crude processed	21.6	16.3	42.3	31.1
% share of HS crude in total crude	74.2%	74.1%	75.6%	73.2%

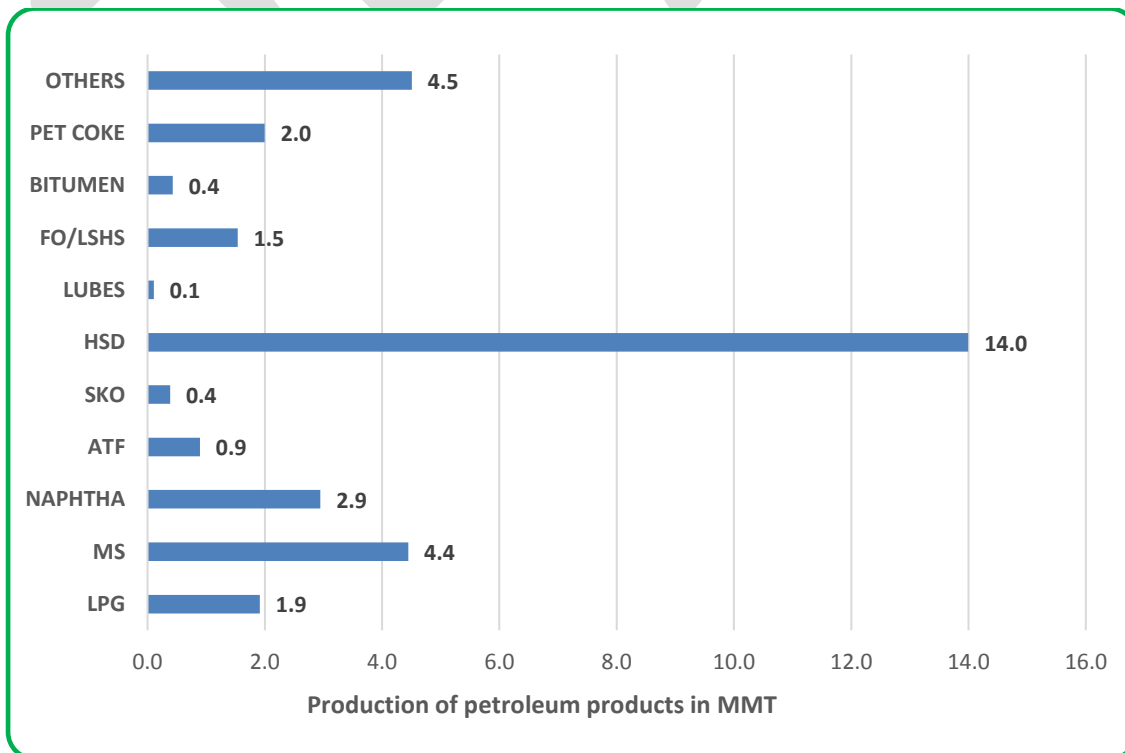
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	May 2020 ^(P)
LPG	964
Naphtha	1412
MS	2367
ATF	372
SKO	183
HSD	7383
LDO	29
Lubes	61
FO	754
LSHS	26
Bitumen	355
RPC(Pet-coke)	981
Others	2396
Total	17282

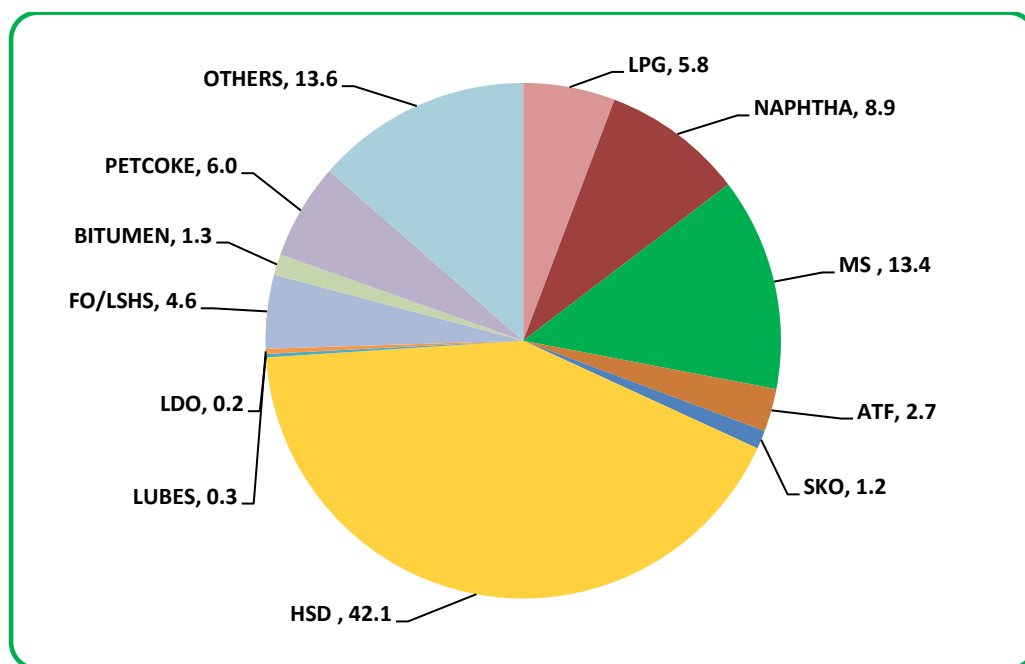
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

Figure-5; Product wise production of POL products by refineries and fractionators: April - May2020^(P)



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

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



PPAC

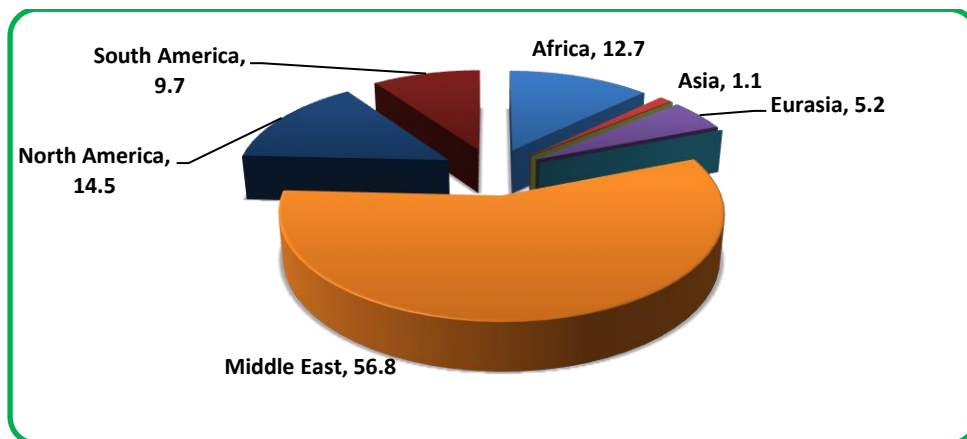
Part B: Import /Export

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	May 2020 ^(P)	April – May 2020 ^(P)
CRUDE OIL	14607	31159

Figure 7: Region wise percentage share of crude oil during April – May 2020(P)



- Crude oil imports decreased by 22.6% and 19.2% during May 2020 and April - May 2020 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 73.3% of total imports during April – May 2020 as compared to 73.8% during April – May 2019.

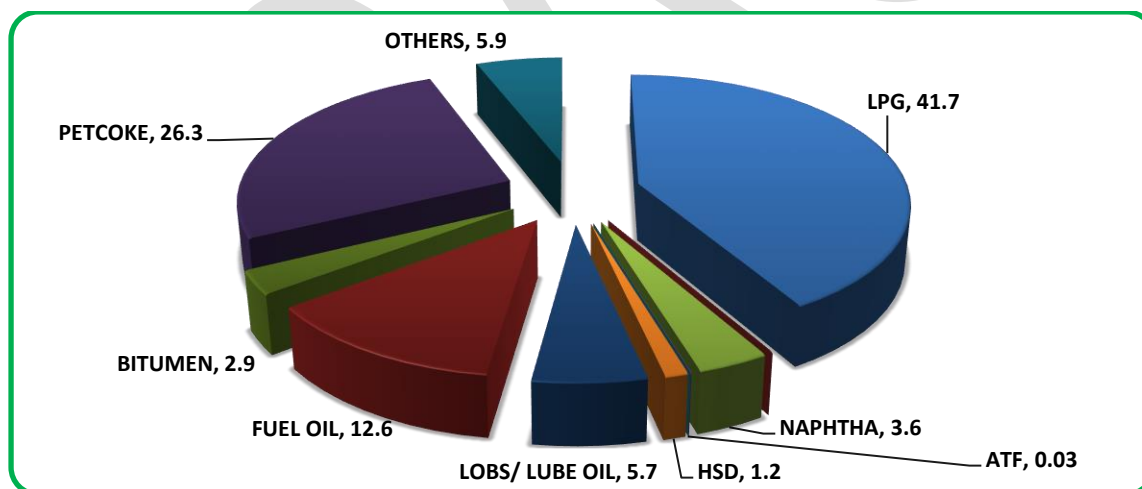
5.b Import Petroleum Products

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

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	May 2020 ^(P)	April – May 2020 ^(P)
LPG	1508	2885
MS/ Petrol	0	0
NAPHTHA	126	252
ATF	1	2
HSD	45	80
LOBS/LUBE OIL	198	397
FUEL OIL	476	871
BITUMEN	101	203
PETCOKE	912	1824
OTHERS [§]	206	411
TOTAL IMPORTS	3573	6925

Notes: (P): Provisional. Source: Oil Companies & DGCIS
 # April – May 2020 private import (POL) quantity prorated on the basis of February – January 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 – May 2020^(P)



Import of LPG Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 47.4% share of total POL products import during April – May 2020 as compared to 38.1% during April – May 2019. Import of petcoke accounted for 26.3% of the total POL imports during April – May 2020. The entire quantity was imported by private importers and mainly by cement industry.

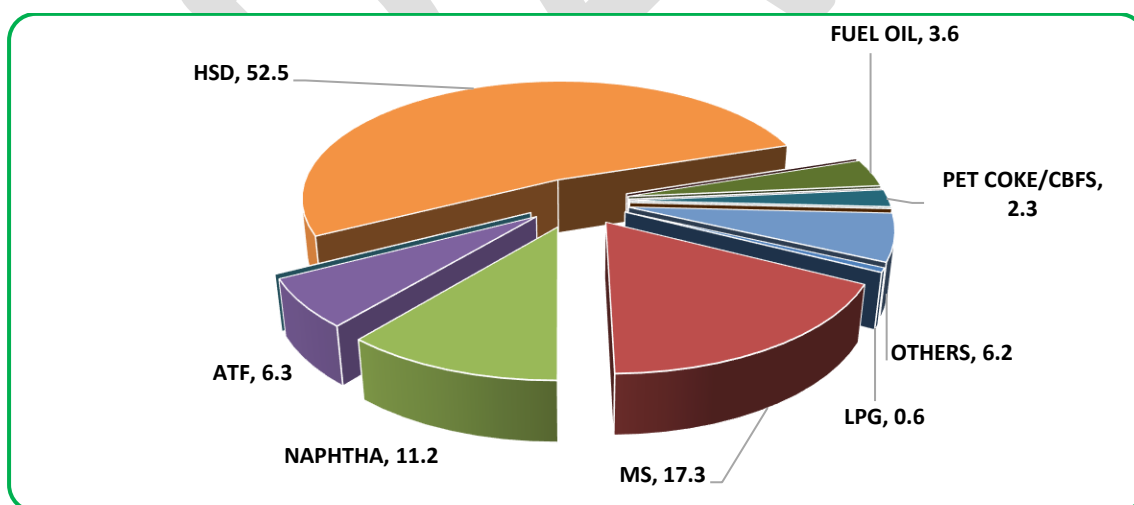
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	May 2020 ^(P)	April – May 2020 ^(P)
LPG	32	67
MS	1108	2040
Naphtha	642	1325
ATF	304	743
SKO	0	0
HSD	2786	6190
LDO	0	0
LOBS/LUBE OIL	3	3
FUEL OIL	250	428
BITUMEN	0	0
PETCOKE	207	266
VGO	0	0
OTHERS [#]	421	725
TOTAL EXPORT	5752	11788

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 exports: April – May 2020^(P)



Exports of POL products increased by 5.9% and 19.8% during May 2020 and April - May 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April - May 2020 was due to increase in exports of high-speed diesel (HSD), LOBS/lube oil, fuel oil and petcoke/CBFS etc.