

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

&

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

June 2021



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

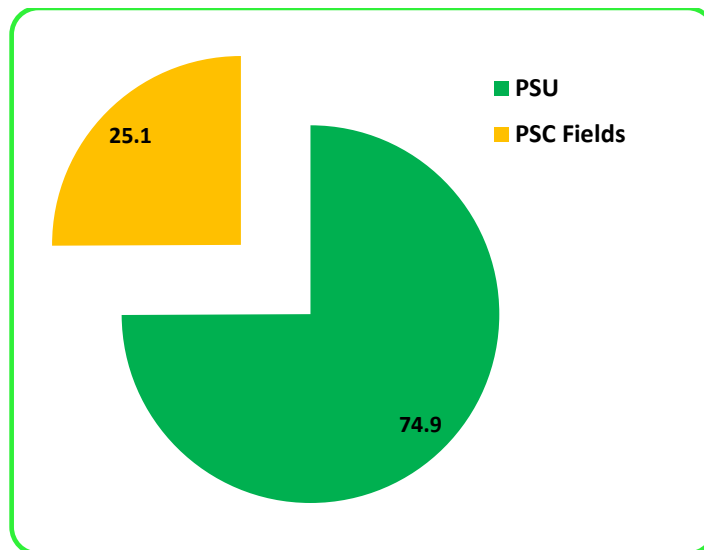
- Indigenous crude oil and condensate production during June 2021 and April – June 2021 was lower by 1.8 % and 3.4 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during May 2021 was 18.4 MMT, which was 4.9 % higher than June 2020. On cumulative basis total crude oil processed was 57.3 MMT which was higher by 17.7 % during April – June 2021 as compared to April – June 2020.
- Production of petroleum products saw a growth of 2.4 % and 15.4 % during June 2021 and April – June 2021 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 16.3% and 14.7% during June 2021 and April-June 2021 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 3% and decreased by 3.2% during June 2021 and April-June 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April-June 2021 was due to decrease in imports of petcoke, liquified petroleum gas (LPG), high speed diesel (HSD) and aviation turbine fuel (ATF).
- Exports of POL products increased by 24.9% and decreased by 6.4% during June 2021 and April-June 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-June 2021 (P) was due to decrease in exports of high speed diesel (HSD), petcoke/CBFS, naphtha, fuel oil (FO) and LOBS/Lube oil.

Part A: Production

2. Indigenous crude oil and condensate production

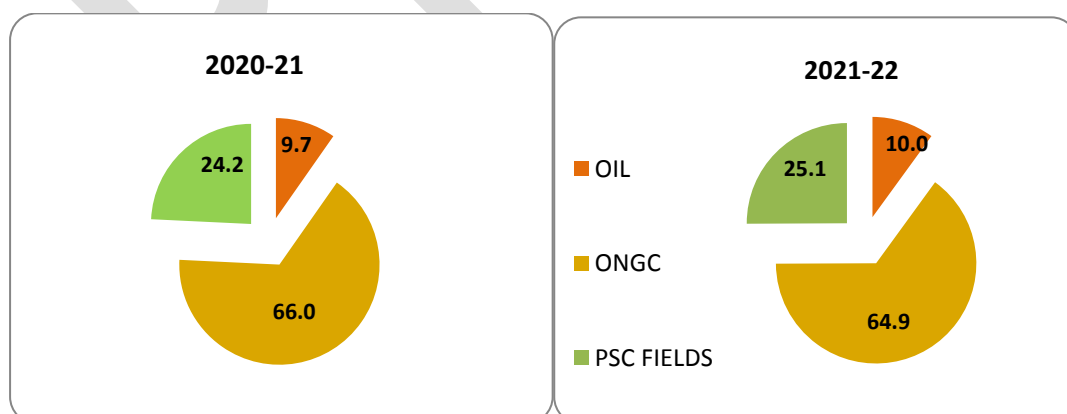
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – June 2021 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – June 2021 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – June 2021 and April – June 2020 is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – June ^(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 – June 2021 and April – June 2020 is given below:

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

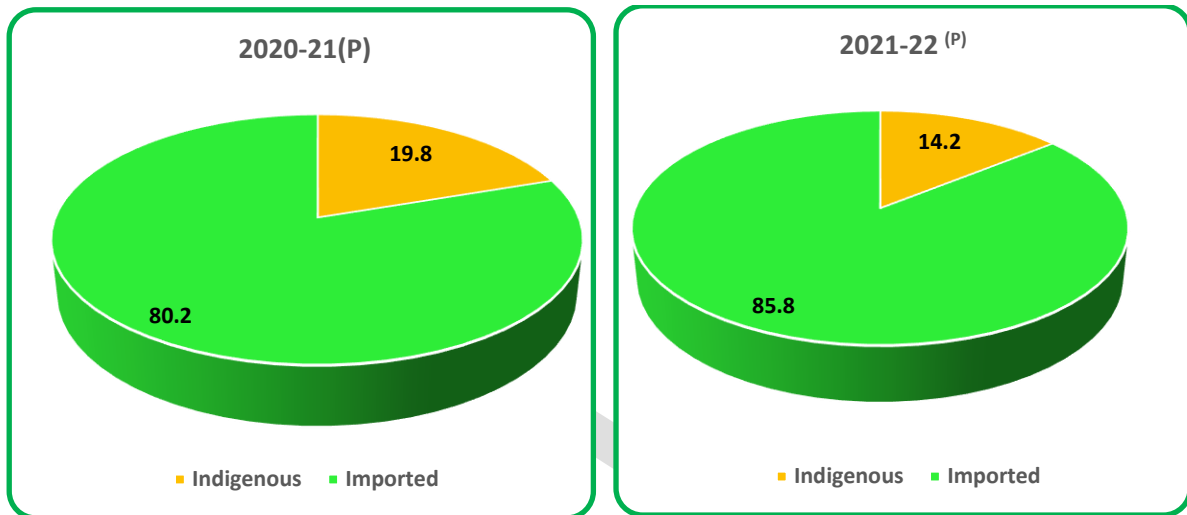


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-June^(P)

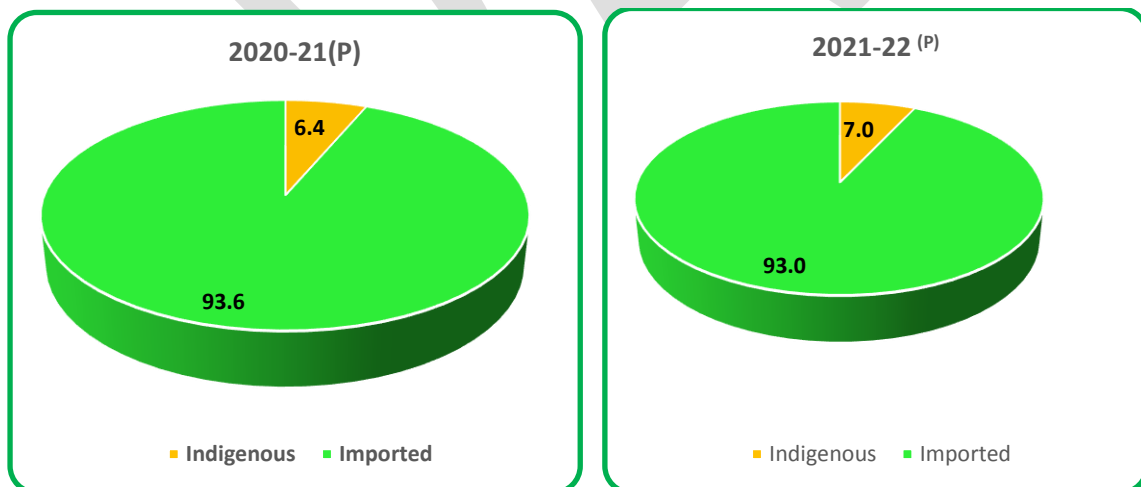


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	June ^(P)		April – June ^(P)	
	2020-21	2021-22	2020-21	2021-22
	Qty. in MMT			
High sulphur crude (HS)	12.7	13.5	35.5	42.5
Low sulphur crude (LS)	4.8	4.9	13.2	14.7
Total crude processed	17.5	18.4	48.6	57.3
% share of HS crude in total crude	72.4%	73.3%	72.9%	74.3%

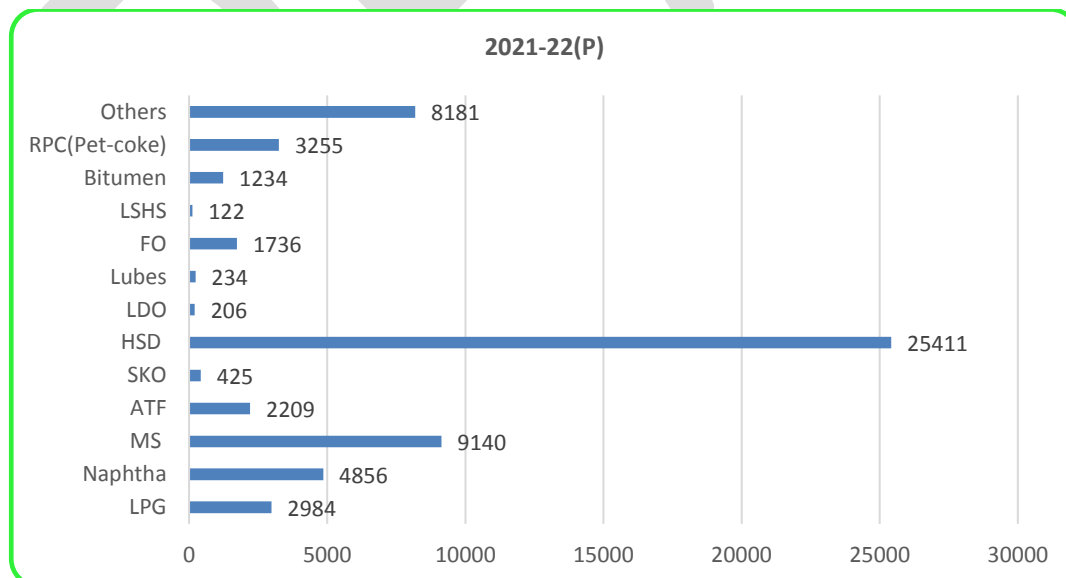
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during June 2021^(P) are given in Table-2.

Table-2; Production of petroleum products	
<i>(Thousand Metric Tonnes)</i>	
Products	June 2021 ^(P)
LPG	935
Naphtha	1586
MS	2765
ATF	674
SKO	109
HSD	8305
LDO	78
Lubes	74
FO	597
LSHS	51
Bitumen	342
RPC(Pet-coke)	1093
Others	2562
Total	19172

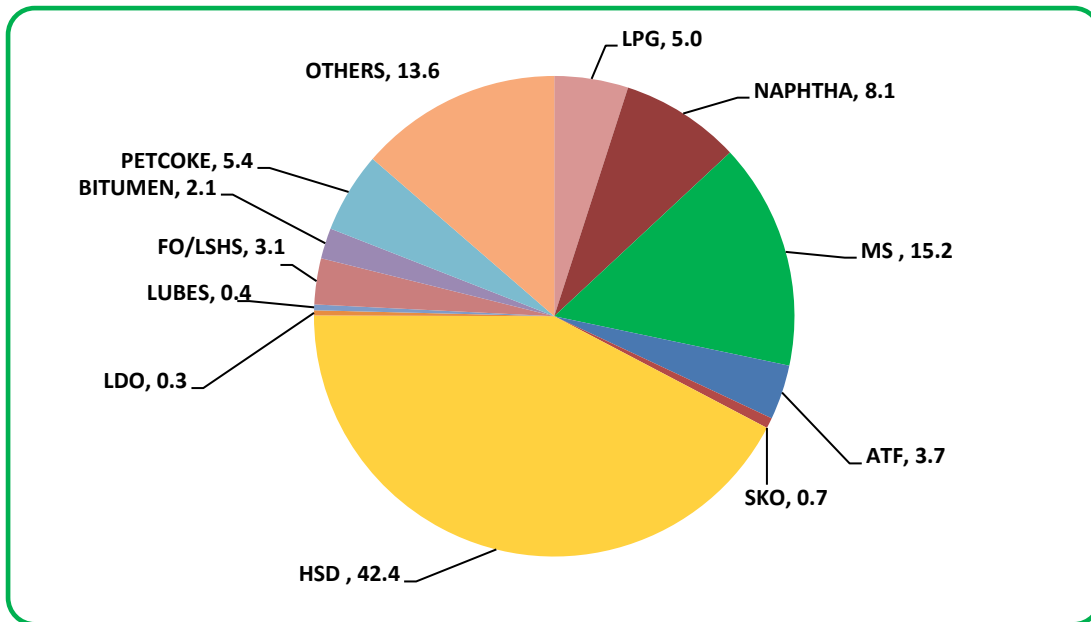
Note: (P): Provisional. Source: Oil Companies
** Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.*
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

Figure-5; Product wise production of POL products by refineries and fractionators: April - June 2021^(P)



The percentage share of various products in total POL production during April – June 2021 is shown below:

Figure-5; Percentage share of products in total POL production: April - June 2021 ^(P)



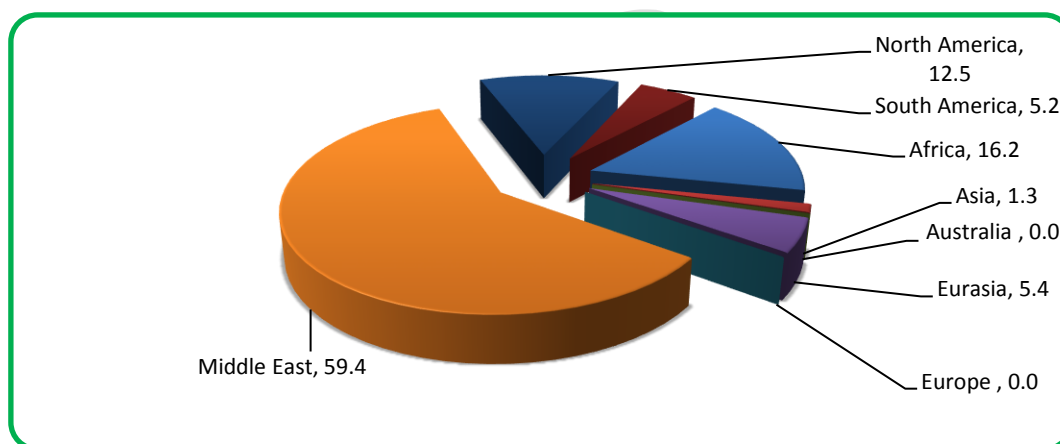
Part B: Import /Export

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	June 2021 ^(P)	April to June 2021 ^(P)
Crude Oil	15905	51420

Figure 7: Region wise percentage share (%) of crude oil during April to June 2021 (P)



- Crude oil imports increased by 16.3% and 14.7% during June 2021 and April-June 2021 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 69.7% of total imports during April to June 2021 as compared to 72.1% during April to June 2020.

5.b Import Petroleum Products

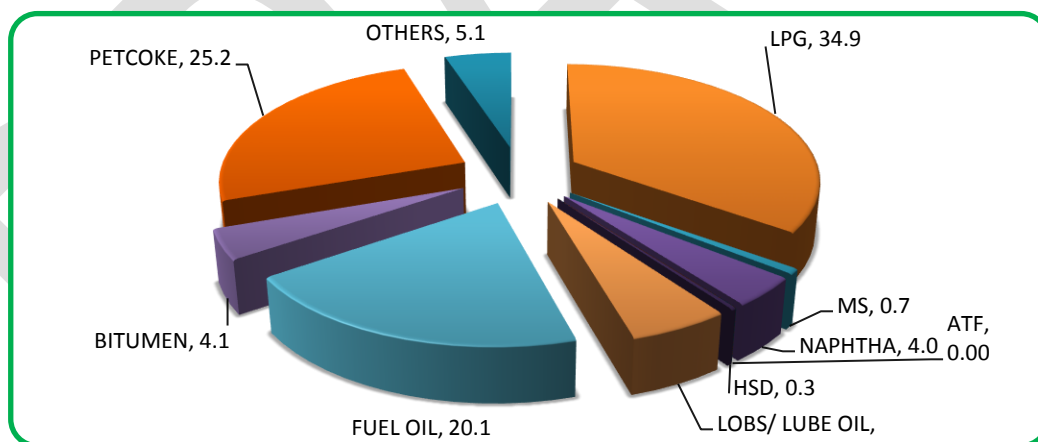
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	June 2021 ^(P)	April to June 2021 ^(P)
LPG	1432	3545
MS/ Petrol	0	74
NAPHTHA	147	407
ATF	0	0
HSD	10	29
LOBS/LUBE OIL	187	570
FUEL OIL	591	2042
BITUMEN	137	416
PETCOKE	854	2563
OTHERS\$	153	517
TOTAL IMPORTS	3512	10161

Notes: (P): Provisional. Source: Oil Companies & DGCIS
July 2020 - June 2021 DGCIS data prorated on the basis of July 2019 - June 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 June 2021 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 40.5% share of total POL products import during April-June 2021 as compared to 42.3% during April-June 2020.
- Import of petcoke accounted for 25.2% of the total POL imports during April-June 2021. The entire quantity was imported by private importers and mainly by cement industry.

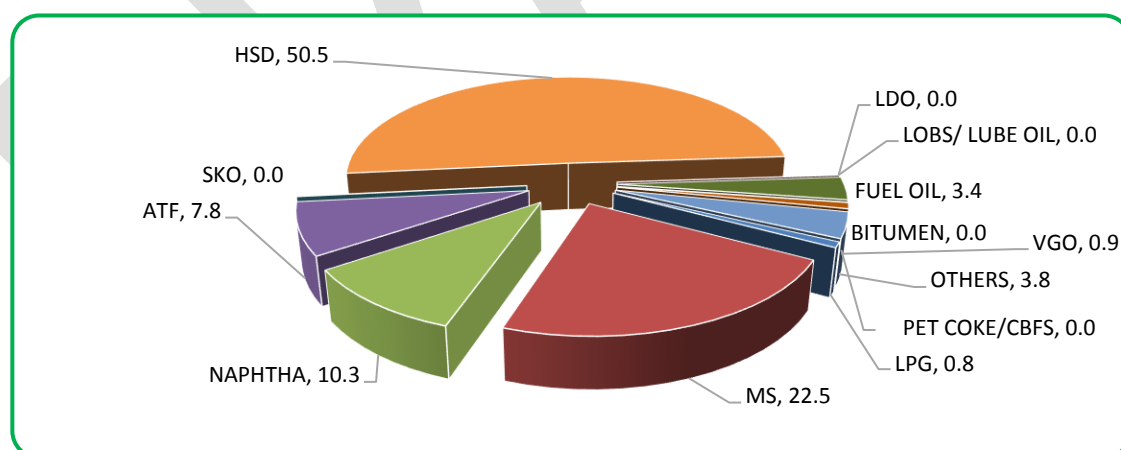
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	June 2021 ^(P)	April to June 2021 ^(P)
LPG	36	124
MS	1146	3413
Naphtha	608	1565
ATF	493	1181
SKO	2	5
HSD	2834	7659
LDO	0	0
LOBS/LUBE OIL	0	1
FUEL OIL	200	512
BITUMEN	0	0
PETCOKE	0	1
VGO	0	131
OTHERS [#]	193	573
TOTAL EXPORT	5511	15164

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 June 2021 (P)



- Exports of POL products increased by 24.9% and decreased by 6.4% during June 2021 and April-June 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-June 2021 (P) was due to decrease in exports of high speed diesel (HSD), petcoke/CBFS, naphtha, fuel oil (FO) and LOBS/Lube oil.