

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

&

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

April 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

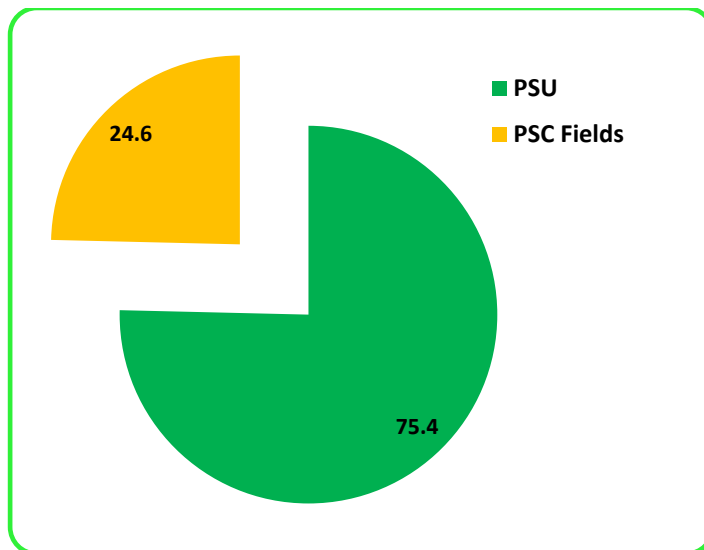
- Indigenous crude oil and condensate production during April 2021 was lower by 2.1% as compared to April 2020.
- Crude oil processed in refineries during April 2021 was 19.9 MMT, which was 34.9% higher than April 2020.
- Production of petroleum products saw a growth of 30.9% during April 2021 over April 2020.
- Crude oil imports increased by 10.3% during April 2021 as compared to the corresponding period of the previous year.
- POL products imports increased by 24.2% as compared to the corresponding period of the previous year. Increase in POL products imports during April 2021 was due to increase in imports of all products except liquified petroleum gas (LPG) and high speed diesel (HSD).
- Exports of POL products decreased by 35.7% during April 2021 as compared to the corresponding period of the previous year. Decrease in POL products exports during April 2021 was due to decrease in exports of high speed diesel (HSD), naphtha, aviation turbine fuel (ATF), fuel oil (FO) and petcoke/CBFS.

Part A: Production

2. Indigenous crude oil and condensate production

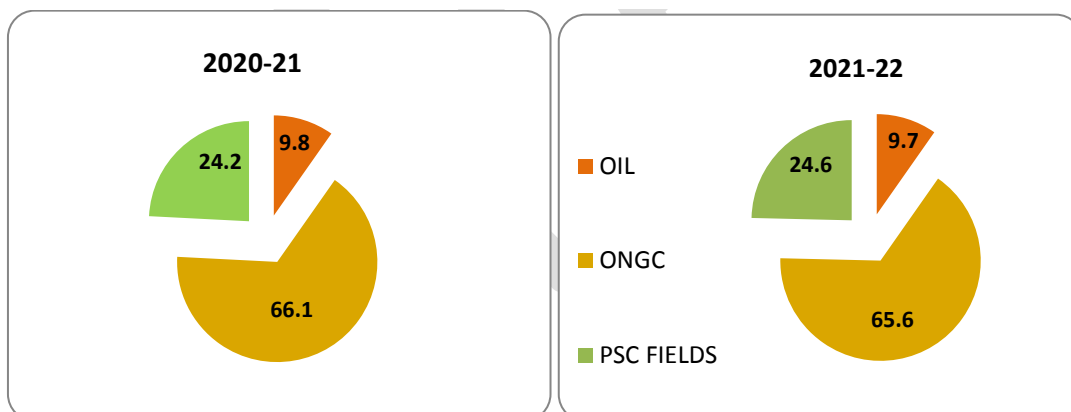
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April 2021^(P) is shown in figure-1 below:

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



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

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

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

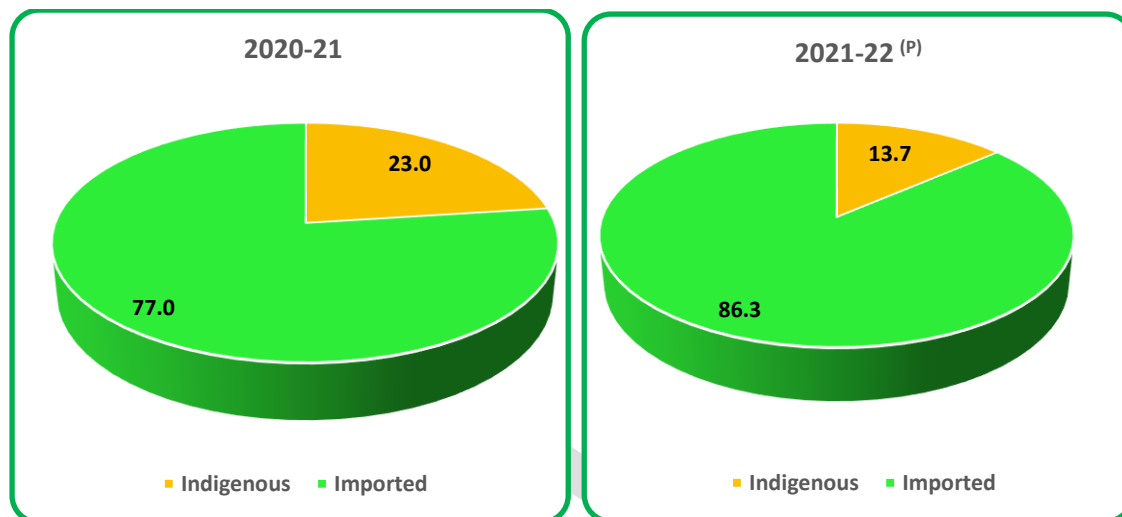


Figure-4; Percentage share of Indigenous/imported crude oil processed in private refineries in April(P)

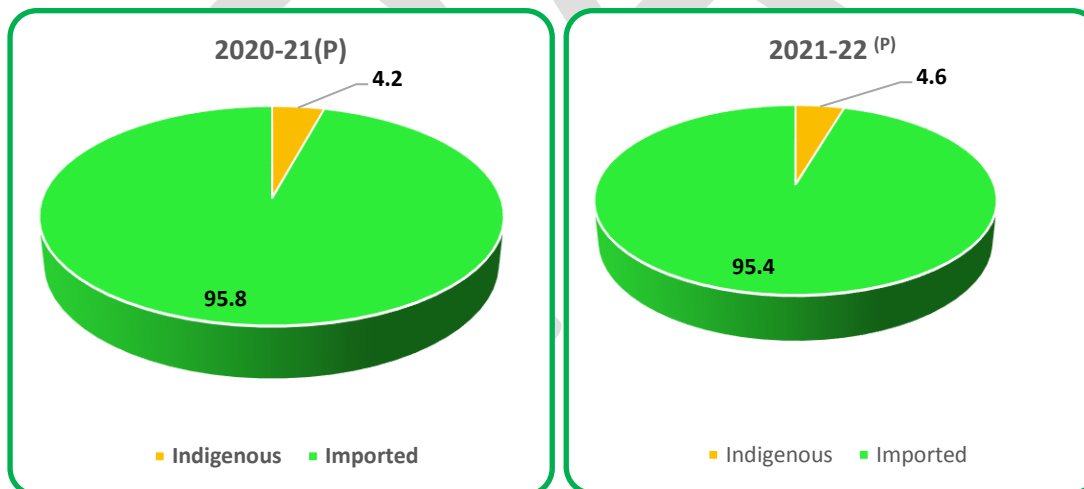


Table-3; High sulphur crude oil processed as percentage of total crude oil processed

	April ^(P)	
	2020-21	2021-22
	Qty. in MMT	
High sulphur crude (HS)	10.7	15.0
Low sulphur crude (LS)	4.1	4.8
Total crude processed	14.7	19.9
% share of HS crude in total crude processed	72.3%	75.6%

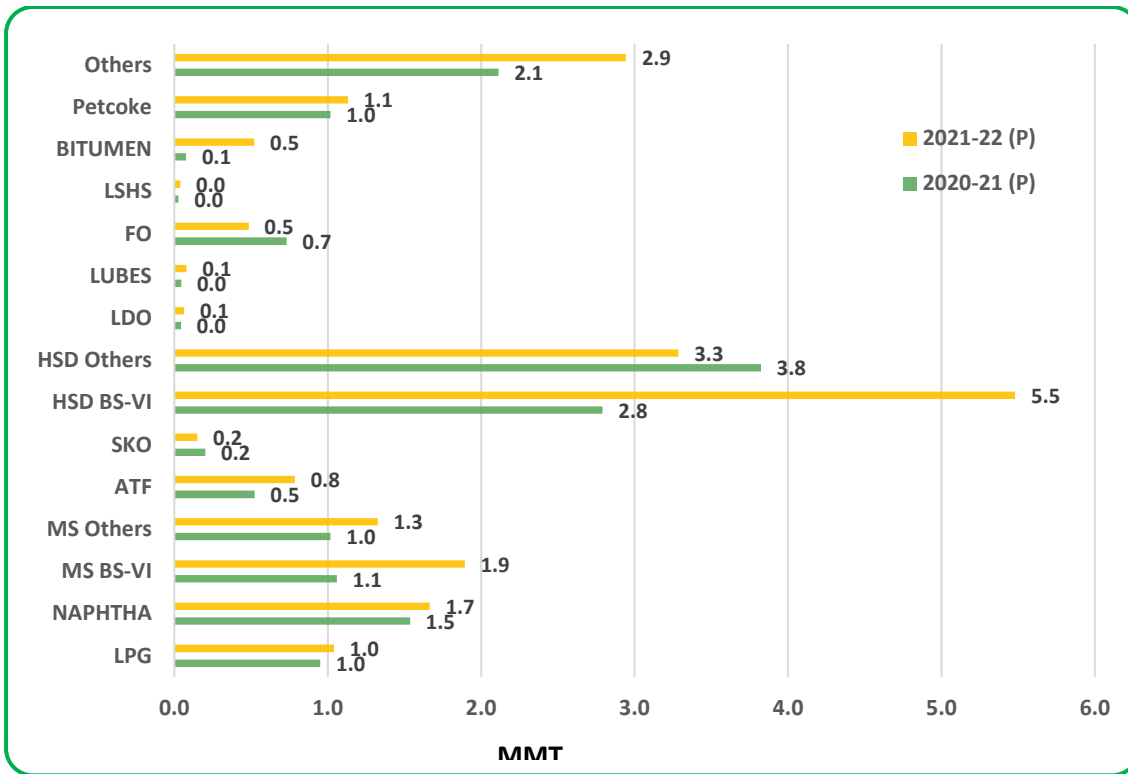
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
<i>(Thousand Metric Tonnes)</i>	
Products	April 2021 ^(P)
LPG	1040
Naphtha	1665
MS	3221
ATF	785
SKO	150
HSD	8766
LDO	64
Lubes	80
FO	485
LSHS	39
Bitumen	521
RPC(Pet-coke)	1132
Others	2944
Total	20892

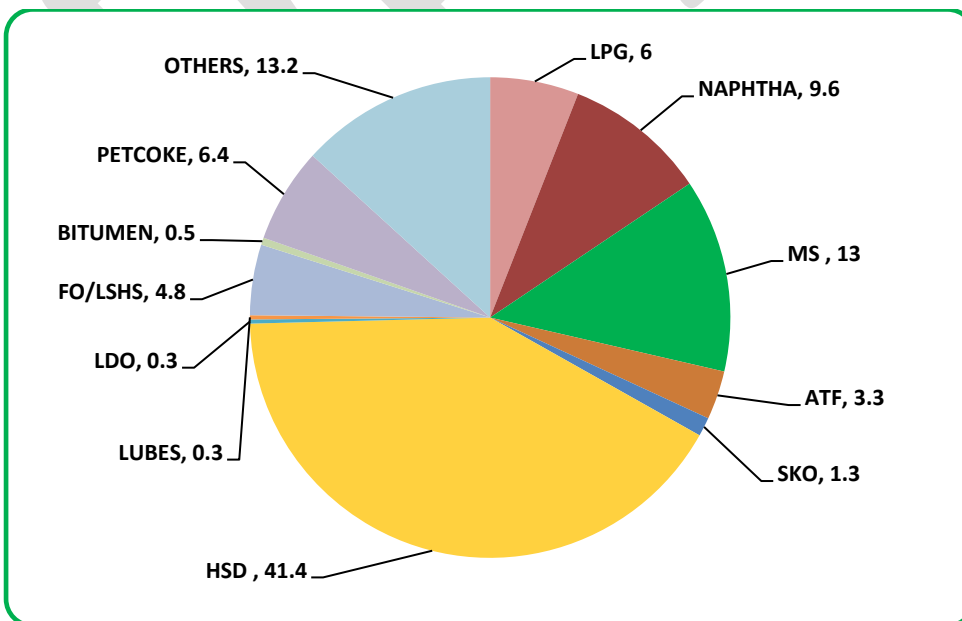
Note: (P): Provisional. Source: Oil Companies
** Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.*
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

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



The percentage share of various products in total POL production during April 2021 is shown in figure-6 below:

Figure-6; Percentage share of POL products in production; April 2021 ^(P)



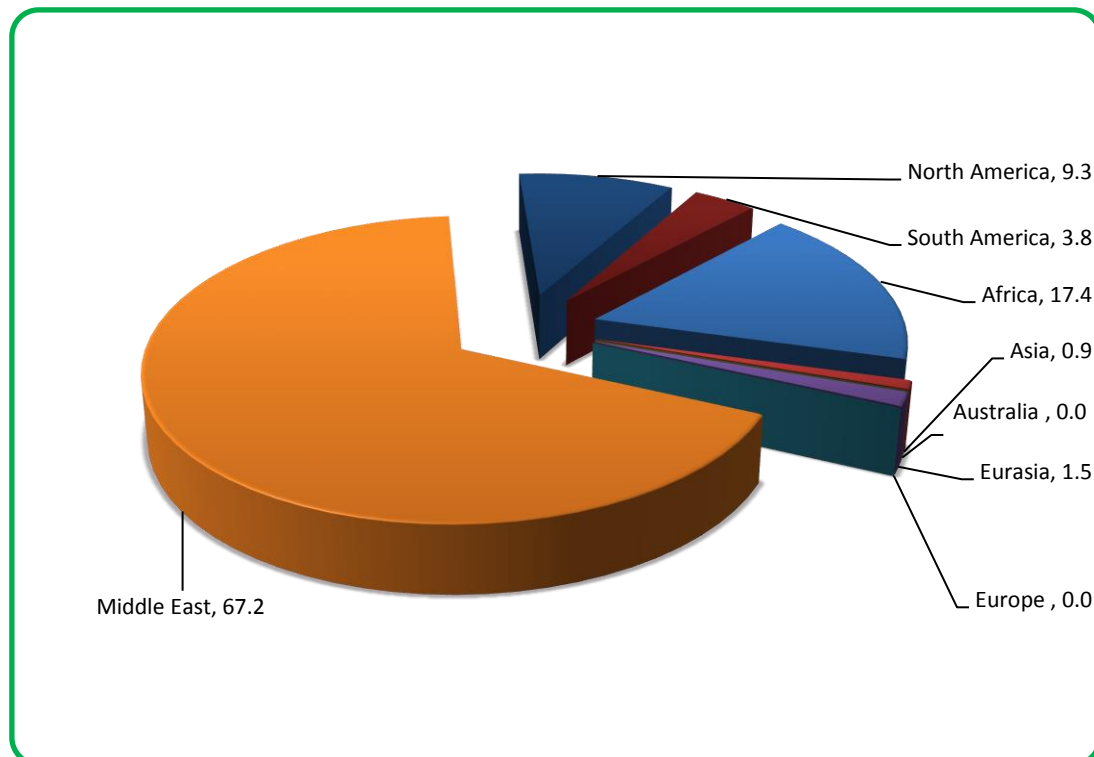
Part B: Import /Export

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	April 2021 ^(P)
Crude Oil	18255

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



- Crude oil imports increased by 10.3% during April 2021 as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 79.1% of total imports during April 2021 as compared to 69.6% during April 2020.

5.b Import Petroleum Products

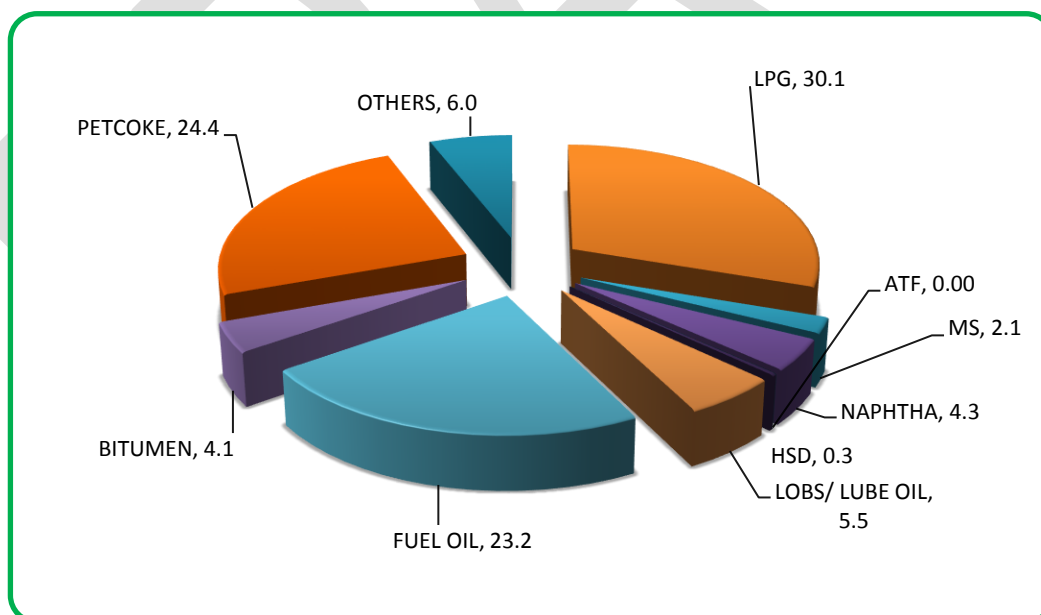
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		(Thousand Metric Tonnes)
Product	April 2021 ^(P)	
LPG		1054
MS/ Petrol		74
NAPHTHA		149
ATF		0
HSD		10
LOBS/LUBE OIL		193
FUEL OIL		810
BITUMEN		142
PETCOKE		854
OTHERS\$		211
TOTAL IMPORTS		3497

Notes: (P): Provisional. Source: Oil Companies & DGCIS
July 2021 - April 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 2021 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 35.7% share of total POL products import during April 2021 as compared to 53.9% during April 2020.
- Import of petcoke accounted for 24.4% of the total POL imports during April 2021. The entire quantity was imported by private importers and mainly by cement industry.

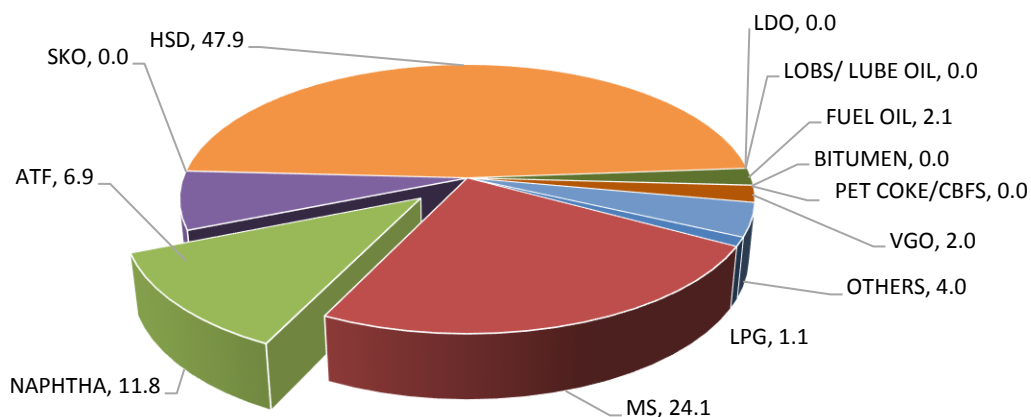
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products	
(Thousand Metric Tonnes)	
Product	April 2021 ^(P)
LPG	42
MS	934
Naphtha	458
ATF	270
SKO	1
HSD	1861
LDO	0
LOBS/LUBE OIL	0
FUEL OIL	80
BITUMEN	0
PETCOKE	1
VGO	78
OTHERS [#]	156
TOTAL EXPORT	3881

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 2021 (P)



- Exports of POL products decreased by 35.7% during April 2021 as compared to the corresponding period of the previous year. Decrease in POL products exports during April 2021 was due to decrease in exports of high speed diesel (HSD), naphtha, aviation turbine fuel (ATF), fuel oil (FO) and petcoke/CBFS.