

**MONTHLY REPORT ON INDIGENOUS CRUDE OIL
PRODUCTION, IMPORT AND PROCESSING
&
PRODUCTION, IMPORT AND EXPORT OF PETROLEUM
PRODUCTS
May 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

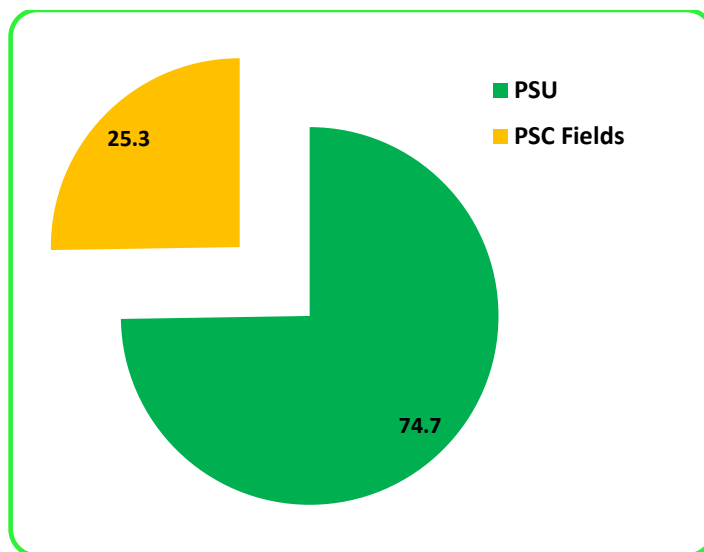
- Indigenous crude oil and condensate production during May 2021 and April – May 2021 was lower by 6.3% and 4.2% respectively as compared to the corresponding period of the previous year.
- Crude oil processed during May 2021 was 19.0 MMT, which was 16.0 % higher than May 2020. On cumulative basis total crude oil processed was 38.9 MMT which was higher by 25.0% during April – May 2021 as compared to April – May 2020
- Production of petroleum products saw a growth of 15.5% and 22.8% during May 2021 and April – May 2021 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 18.2% and 14% during May 2021 and April-May 2021 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 26.2% and 6.1% during May 2021 and April-May 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April-May 2021 was due to decrease in imports of petcoke, liquified petroleum gas (LPG) and high speed diesel (HSD).
- Exports of POL products decreased by 0.3% and 18.4% during May 2021 and April-May 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-May 2021 (P) was due to decrease in exports of high speed diesel (HSD), naphtha, petcoke/CBFS, fuel oil (FO), aviation turbine fuel (ATF) and LOBS/Lube oil.

Part A: Production

2. Indigenous crude oil and condensate production

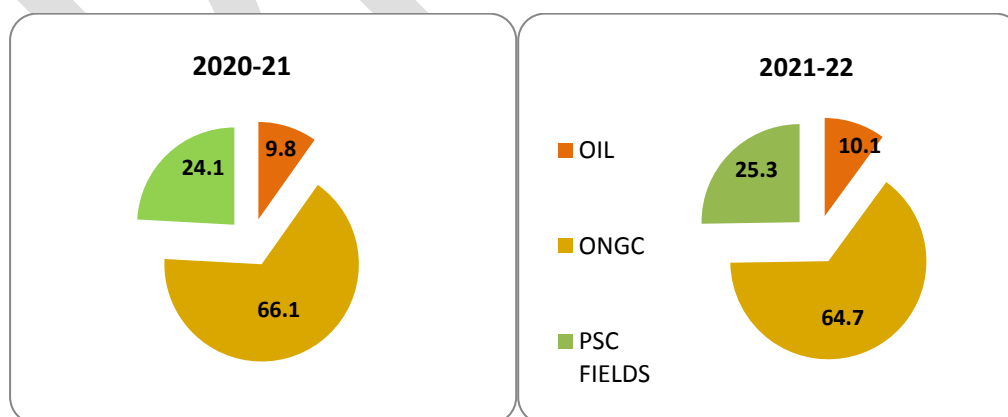
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – May 2021 ^(P) is shown in figure-1 below:

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



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

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

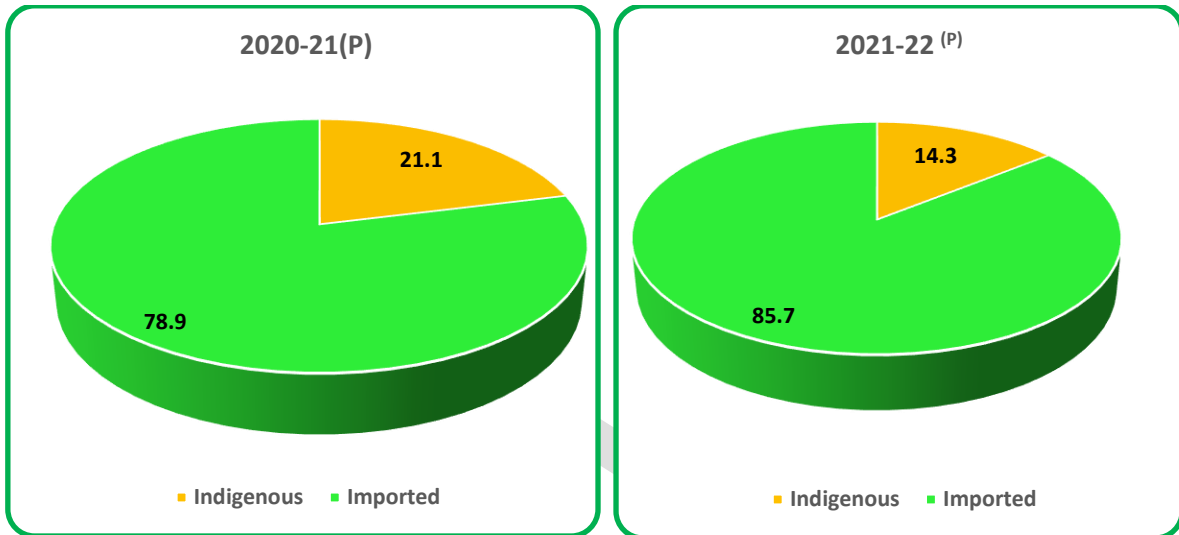


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-May^(P)

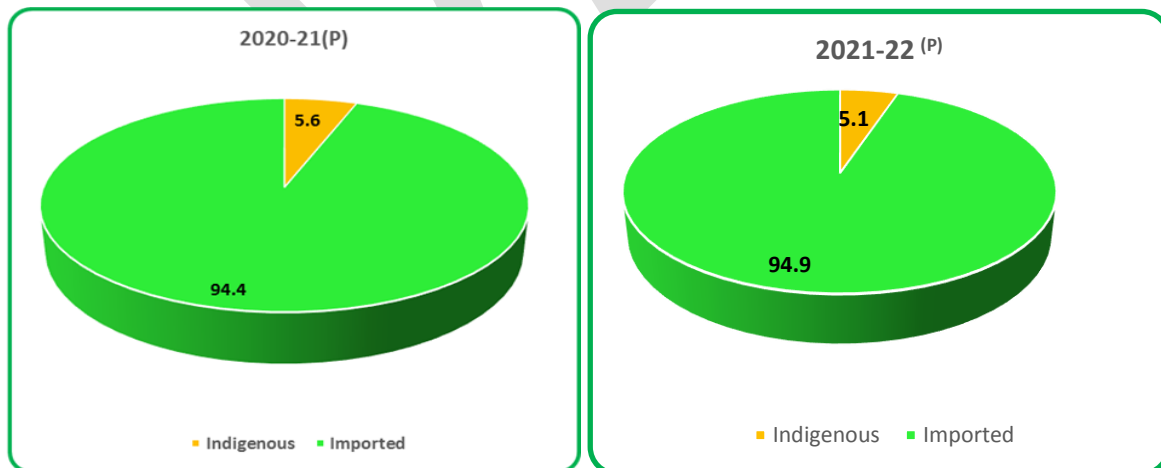


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	May ^(P)		April – May ^(P)	
	2020-21	2021-22	2020-21	2021-22
	Qty. in MMT			
High sulphur crude (HS)	12.1	14.0	22.8	29.0
Low sulphur crude (LS)	4.2	5.0	8.3	9.8
Total crude processed	16.3	19.0	31.1	38.9
% share of HS crude in total crude	74.1%	73.8%	73.2%	74.8%

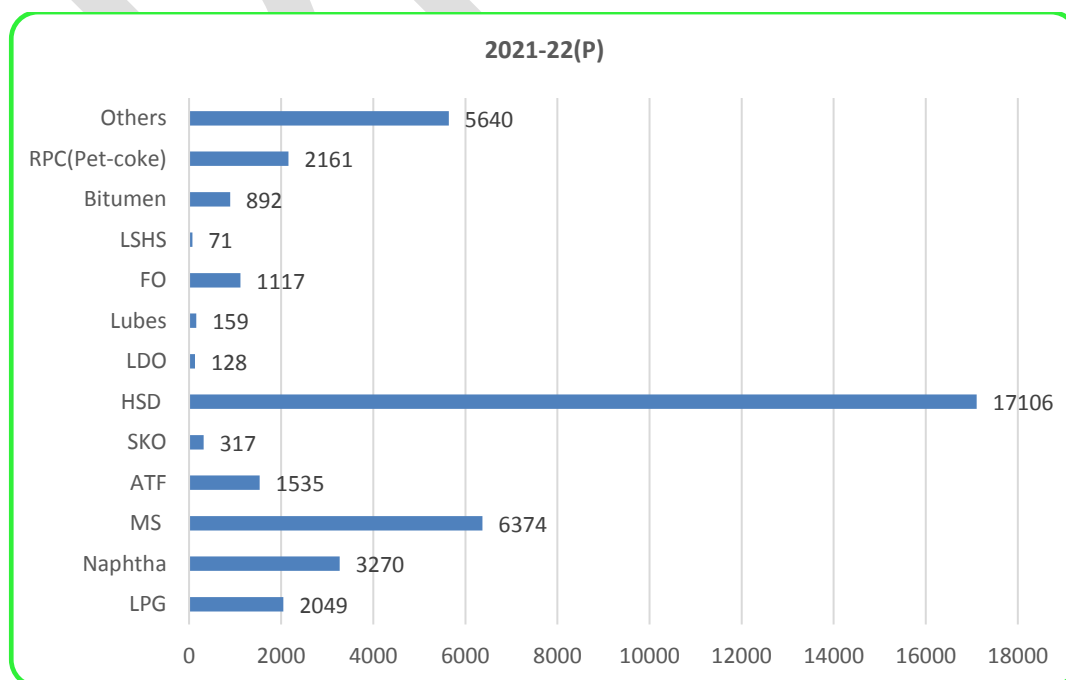
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	May 2021 ^(P)
LPG	1009
Naphtha	1605
MS	3154
ATF	750
SKO	166
HSD	8340
LDO	64
Lubes	80
FO	632
LSHS	32
Bitumen	371
RPC(Pet-coke)	1029
Others	2696
Total	19928

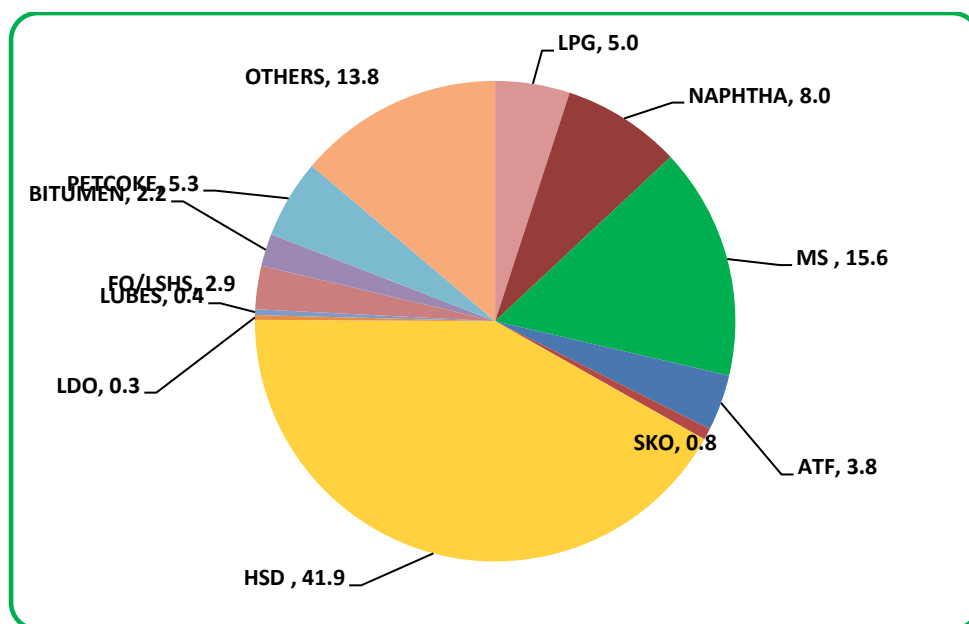
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

Figure-5; Product wise production of POL products by refineries and fractionators: April - May2021^(P)



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

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



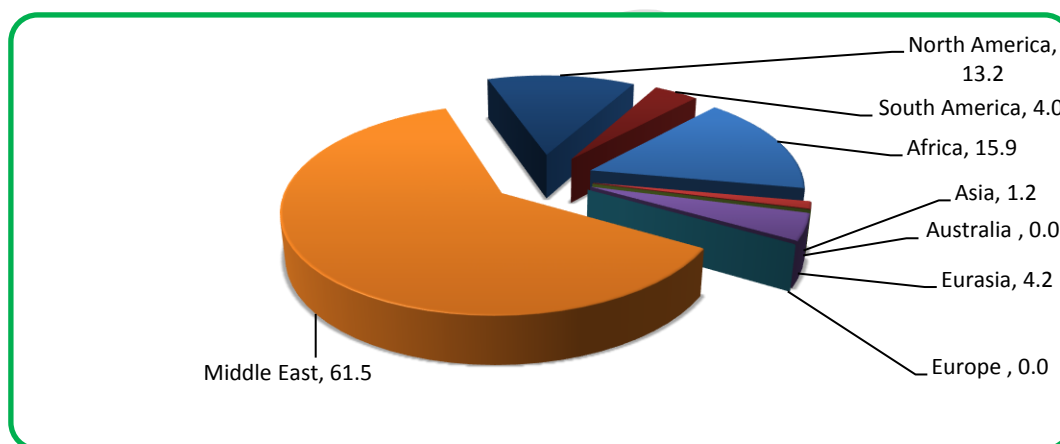
Part B: Import /Export

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	May 2021 ^(P)	April to May 2021 ^(P)
Crude Oil	17259	35516

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



- Crude oil imports increased by 18.2% and 14% during May 2021 and April-May 2021 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 72.8% of total imports during April to May 2021 as compared to 73.3% during April to May 2020.

5.b Import Petroleum Products

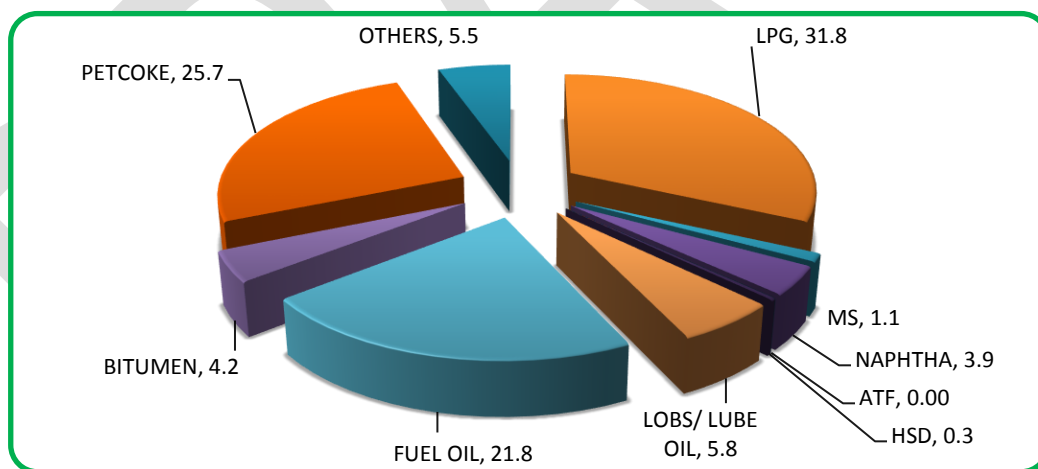
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	May 2021 ^(P)	April to May 2021 ^(P)
LPG	1057	2112
MS/ Petrol	0	74
NAPHTHA	110	259
ATF	0	0
HSD	10	19
LOBS/LUBE OIL	190	383
FUEL OIL	640	1450
BITUMEN	137	279
PETCOKE	854	1709
OTHERS§	153	364
TOTAL IMPORTS	3152	6649

Notes: (P): Provisional. Source: Oil Companies & DGCIS
July 2020 - May 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 May 2021 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 37.5% share of total POL products import during April-May 2021 as compared to 43.8% during April-May 2020.
- Import of petcoke accounted for 25.7% of the total POL imports during April-May 2021. The entire quantity was imported by private importers and mainly by cement industry.

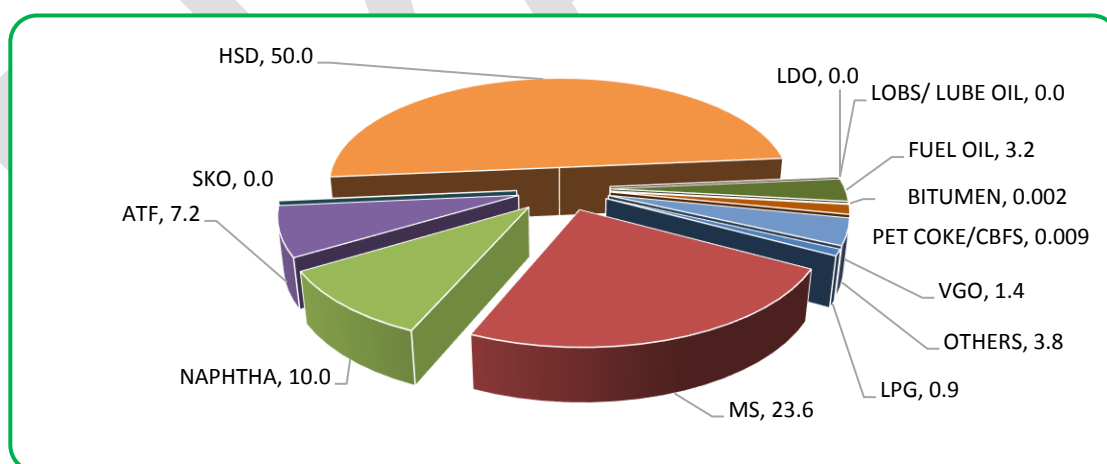
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	May 2021 ^(P)	April to May 2021 ^(P)
LPG	46	88
MS	1334	2268
Naphtha	499	957
ATF	418	688
SKO	1	3
HSD	2945	4806
LDO	0	0
LOBS/LUBE OIL	0	0
FUEL OIL	232	312
BITUMEN	0	0
PETCOKE	0	1
VGO	52	131
OTHERS [#]	207	364
TOTAL EXPORT	5736	9617

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 May 2021 (P)



- Exports of POL products decreased by 0.3% and 18.4% during May 2021 and April-May 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-May 2021 (P) was due to decrease in exports of high speed diesel (HSD), naphtha, petcoke/CBFS, fuel oil (FO), aviation turbine fuel (ATF) and LOBS/Lube oil.