

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

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

July 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 July 2021 and April – July 2021 was lower by 3.2 % and 3.4 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during July 2021 was 19.4 MMT, which was 9.6 % higher than July 2020. On cumulative basis total crude oil processed was 76.6 MMT which was higher by 15.6 % during April – July 2021 as compared to April – July 2020.
- Production of petroleum products saw a growth of 6.7 % and 13.1 % during July 2021 and April – July 2021 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 21.8% and 16.2% during July 2021 and April-July 2021 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 7.7% and 4.6% during July 2021 and April-July 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April-July 2021 was due to decrease in imports of petcoke, high speed diesel (HSD), liquified petroleum gas (LPG) and aviation turbine fuel (ATF).
- Exports of POL products increased by 19.9% and decreased by 1.3% during July 2021 and April-July 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-July 2021 (P) was due to decrease in exports of petcoke/CBFS, high speed diesel (HSD), naphtha and LOBS/Lube oil.

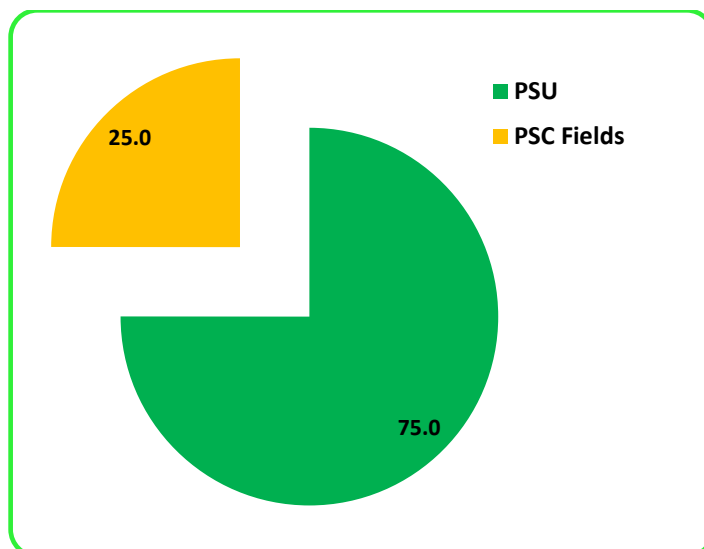
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Part A: Production

2. Indigenous crude oil and condensate production

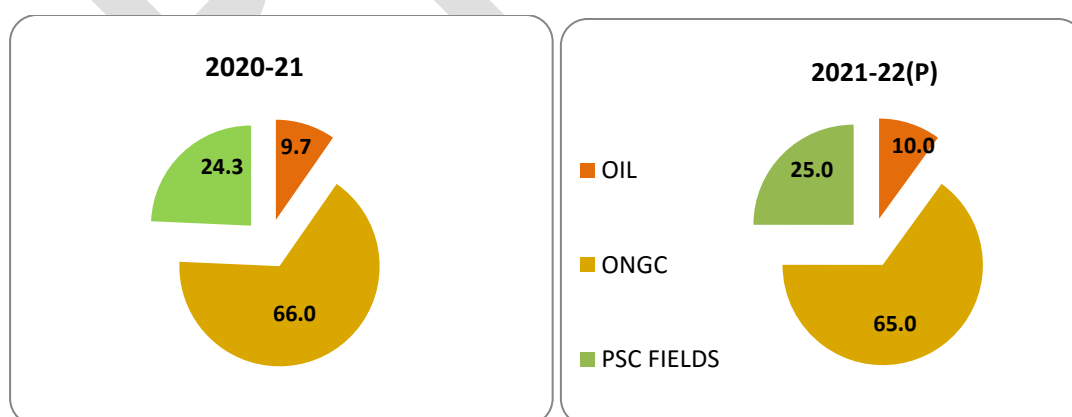
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – July 2021 ^(P) is shown in figure-1 below:

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



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

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

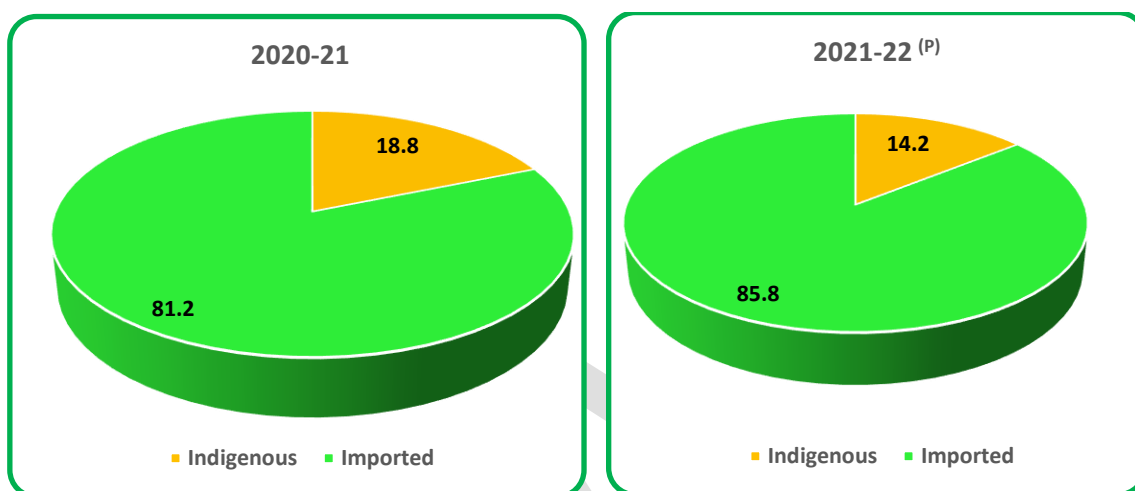


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-July

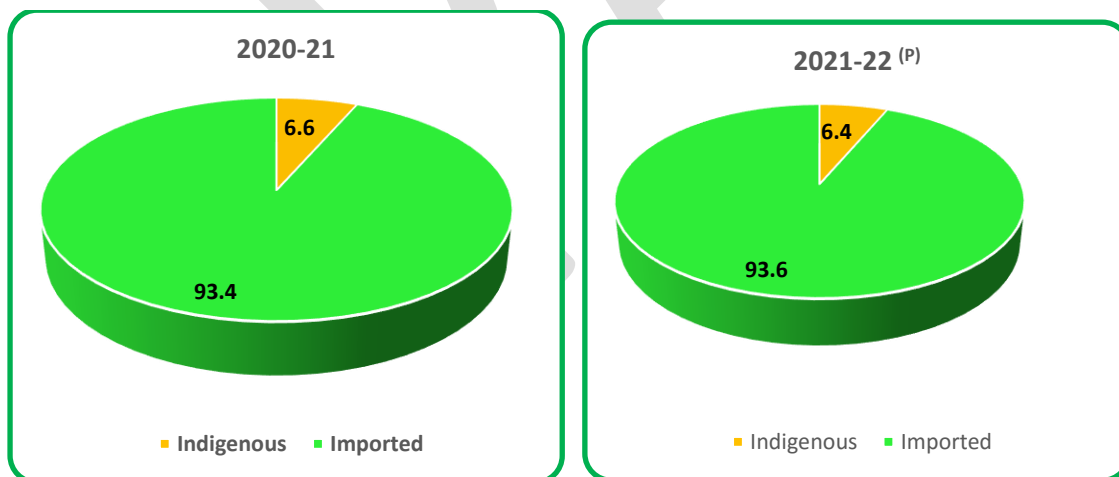


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	July		April –July	
	2020-21	2021-22 (P)	2020-21	2021-22 (P)
	Qty. in MMT			
High sulphur crude (HS)	12.6	14.7	48.2	57.4
Low sulphur crude (LS)	5.1	4.7	18.1	19.2
Total crude processed	17.7	19.4	66.3	76.6
% share of HS crude in total crude	71.4%	75.6%	72.7%	74.9%

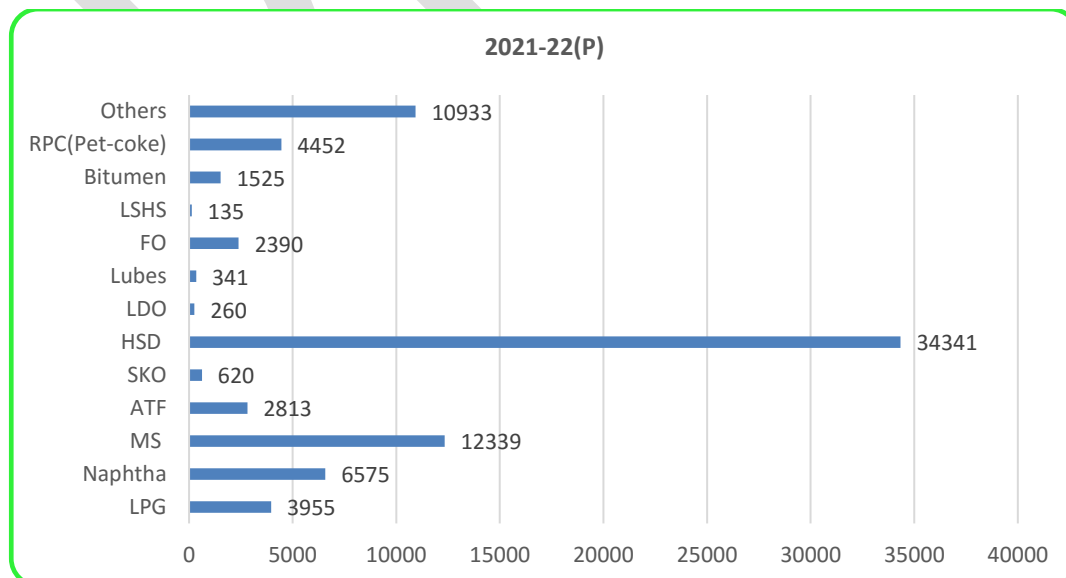
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	July 2021 ^(P)
LPG	972
Naphtha	1719
MS	3200
ATF	604
SKO	195
HSD	8930
LDO	53
Lubes	107
FO	654
LSHS	13
Bitumen	291
RPC(Pet-coke)	1197
Others	2752
Total	20686

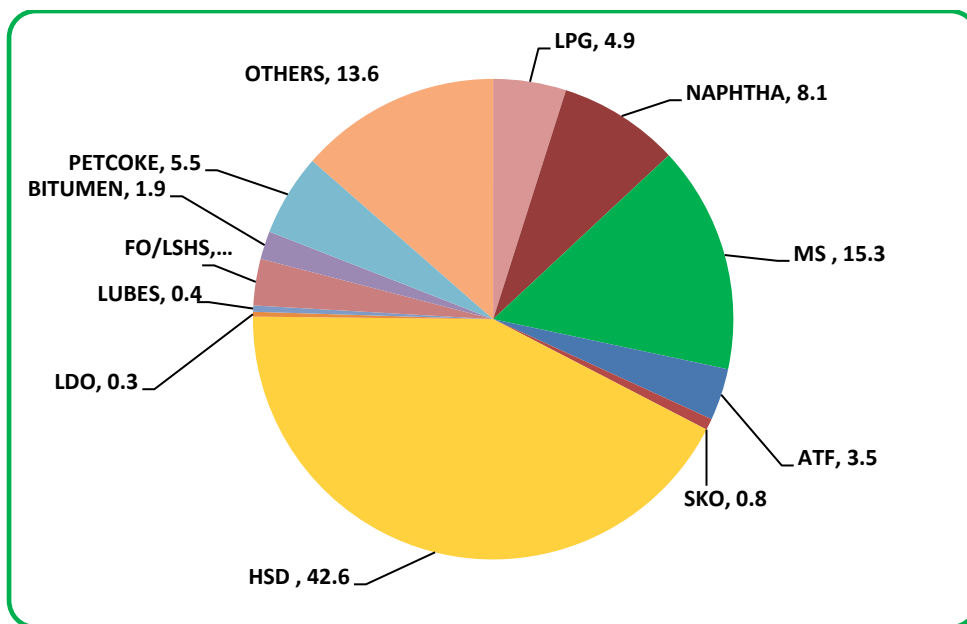
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

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



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

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



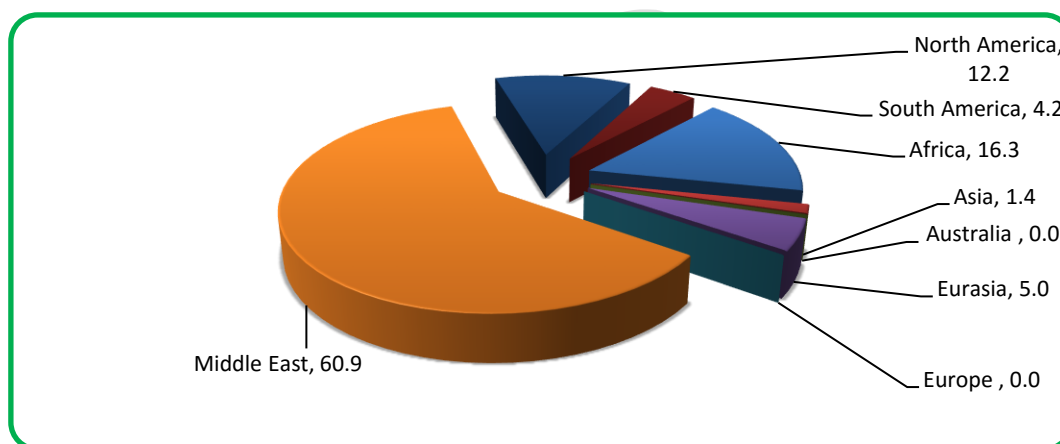
Part B: Import /Export

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	July 2021 ^(P)	April to July 2021 ^(P)
Crude Oil	15019	66440

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



- Crude oil imports increased by 21.8% and 16.2% during July 2021 and April-July 2021 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 71.6% of total imports during April to July 2021 as compared to 71.2% during April to July 2020.

5.b Import Petroleum Products

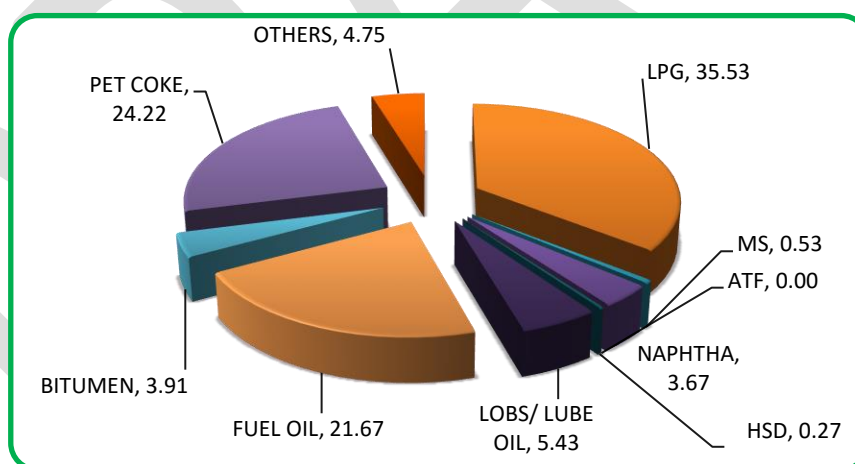
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	July 2021 ^(P)	April to July 2021 ^(P)
LPG	1414	4927
MS/ Petrol	0	74
NAPHTHA	102	509
ATF	0	0
HSD	9	38
LOBS/LUBE OIL	184	753
FUEL OIL	963	3005
BITUMEN	127	543
PETCOKE	795	3358
OTHERS§	142	659
TOTAL IMPORTS	3736	13866

Notes: (P): Provisional. Source: Oil Companies & DGCIS
DGCIS data prorated from July 2020 onwards

§ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.

Figure 8: Percentage share of petroleum products in imports: April to July 2021 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 41.0% share of total POL products import during April-July 2021 as compared to 38.7% during April-July 2020.
- Import of petcoke accounted for 24.2% of the total POL imports during April-July 2021. The entire quantity was imported by private importers.

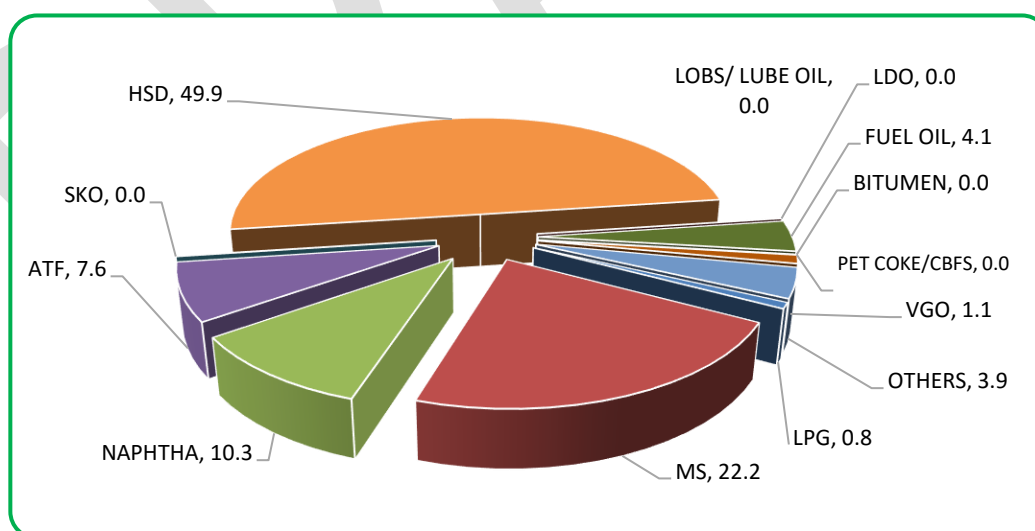
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	July 2021 ^(P)	April to July 2021 ^(P)
LPG	31	156
MS	1002	4416
Naphtha	477	2042
ATF	336	1517
SKO	1	6
HSD	2259	9917
LDO	0	0
LOBS/LUBE OIL	0	1
FUEL OIL	299	810
BITUMEN	0	0
PETCOKE	0	1
VGO	83	214
OTHERS [#]	211	784
TOTAL EXPORT	4700	19863

Note: (P): Provisional. Source: Oil Companies
[#] Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.
 LPG: Liquified 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 2021 (P)



- Exports of POL products increased by 19.9% and decreased by 1.3% during July 2021 and April-July 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-July 2021 (P) was due to decrease in exports of petcoke/CBFS, high speed diesel (HSD), naphtha and LOBS/Lube oil.