

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

&

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

January 2022



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

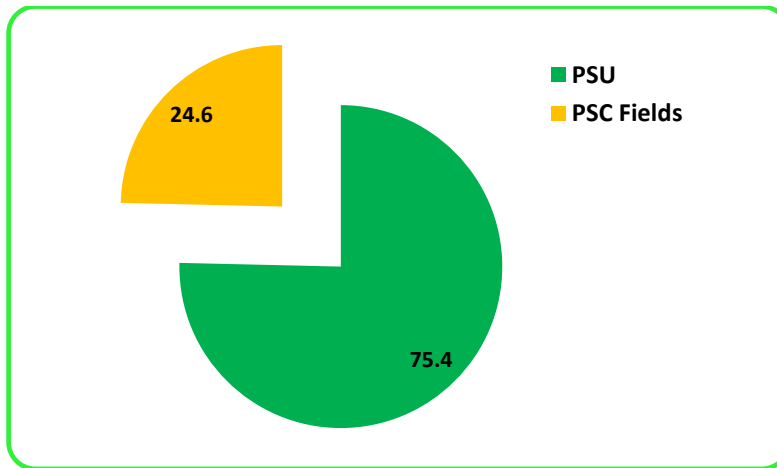
- Indigenous crude oil and condensate production during January 2022 and April – January 2022 was lower by 2.4 % and 2.6 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during January 2022 was 21.7 MMT, which was 0.5 % lower than January 2021. On cumulative basis total crude oil processed was 198.92 MMT which was higher by 9.2 % during April – January 2022 as compared to April – January 2021.
- Production of petroleum products saw a growth of 3.7 % and 8.9 % during January 2022 and April – January 2022 respectively over the corresponding period of the previous year.
- Crude oil imports decreased by 1.7% and increased by 7.9% during January 2022 and April-January 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 12.4% and decreased by 6.4% during January 2022 and April-January 2022 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April-January 2022 was due to decrease in imports of petcoke, high speed diesel (HSD), motor spirit (MS) and superior kerosene oil (SKO).
- Exports of POL products increased by 14.4% and 9.8% during January 2022 and April-January 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-January 2022 (P) was due to increase in increase in exports of all products except LOBS/Lubes oil, Bitumen and petcoke/CBFS.

Part A: Production

2. Indigenous crude oil and condensate production

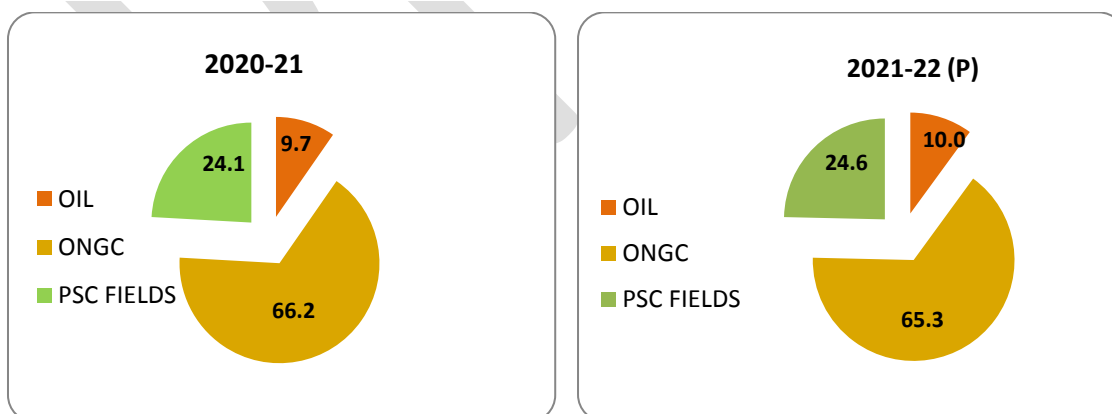
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – January ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – January 2022 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – January 2022 and April – January 2021 is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – January



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 – January 2022 and April – January 2021 is given below:

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

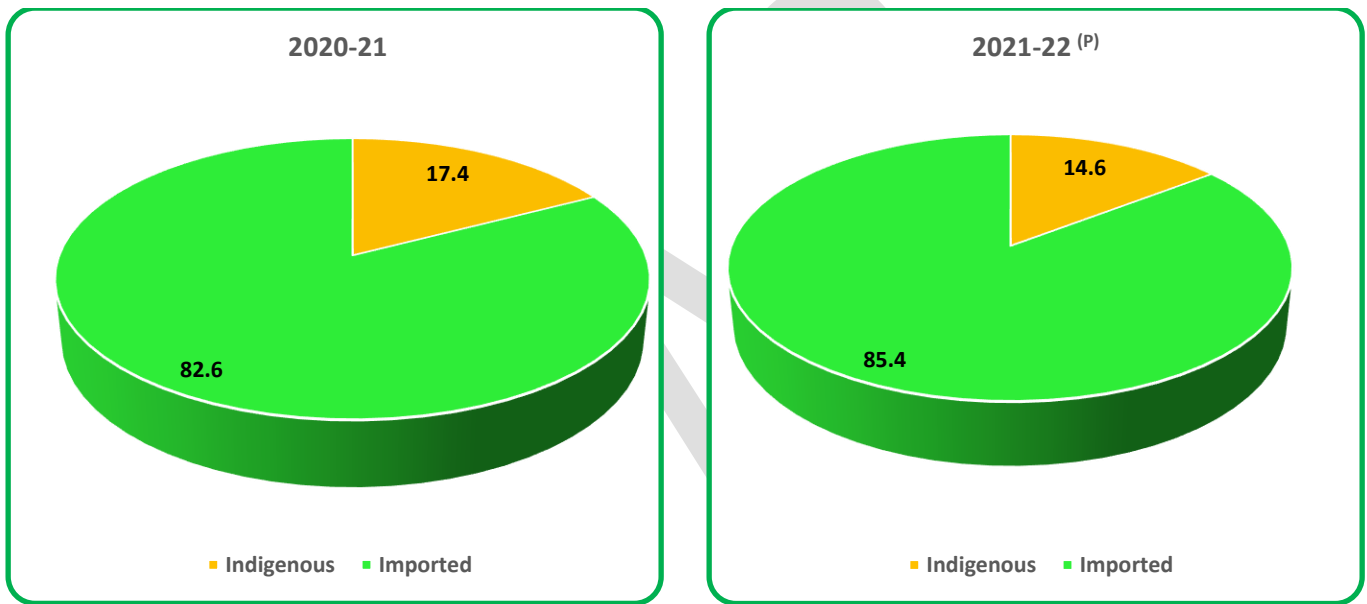


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April- January

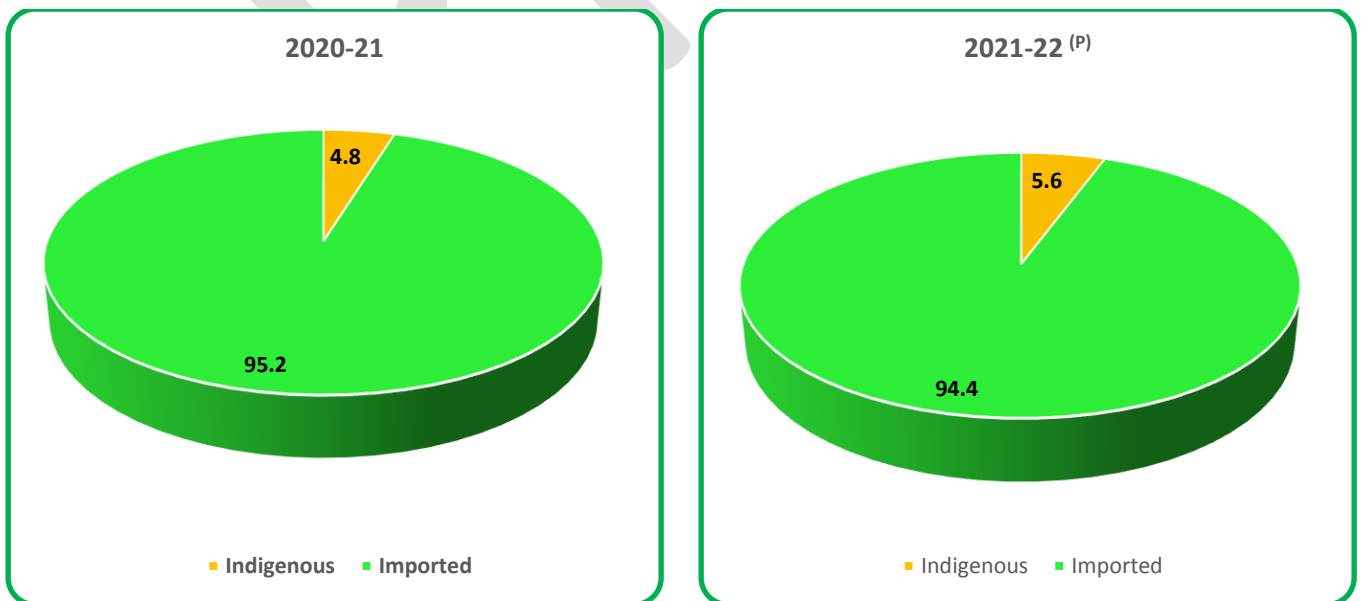


Table-1; High Sulphur crude oil processed as percentage of total crude oil processed

	January		April – January	
	2020-21	2021-22 (P)	2020-21	2021-22 (P)
	Qty. in MMT			
High Sulphur crude (HS)	15.8	17.1	133.1	151.9
Low Sulphur crude (LS)	6.0	4.6	49.0	47.1
Total crude processed	21.8	21.7	182.2	198.9
% Share of HS crude in total crude processed	72.5%	78.7%	73.1%	76.3%

4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during January 2022^(P) are given in Table-2.

Table-2; Production of petroleum products

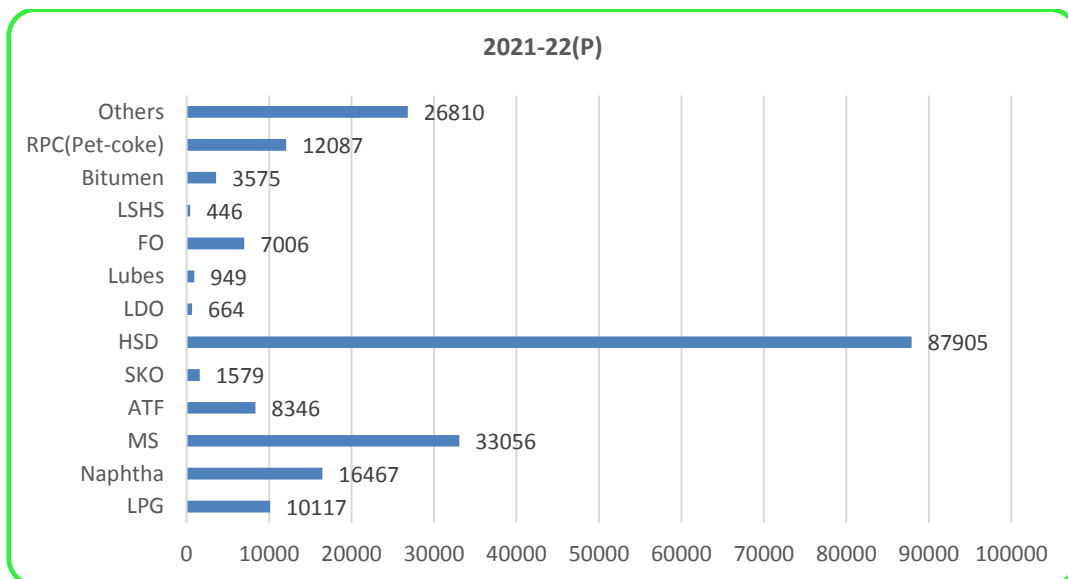
		<i>(Thousand Metric Tonnes)</i>
Products	January 2022 ^(P)	
LPG	1142	
Naphtha	1653	
MS	3691	
ATF	1041	
SKO	161	
HSD	9490	
LDO	65	
Lubes	105	
FO	762	
LSHS	73	
Bitumen	486	
RPC(Pet-coke)	1422	
Others	2907	
Total	22998	

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.

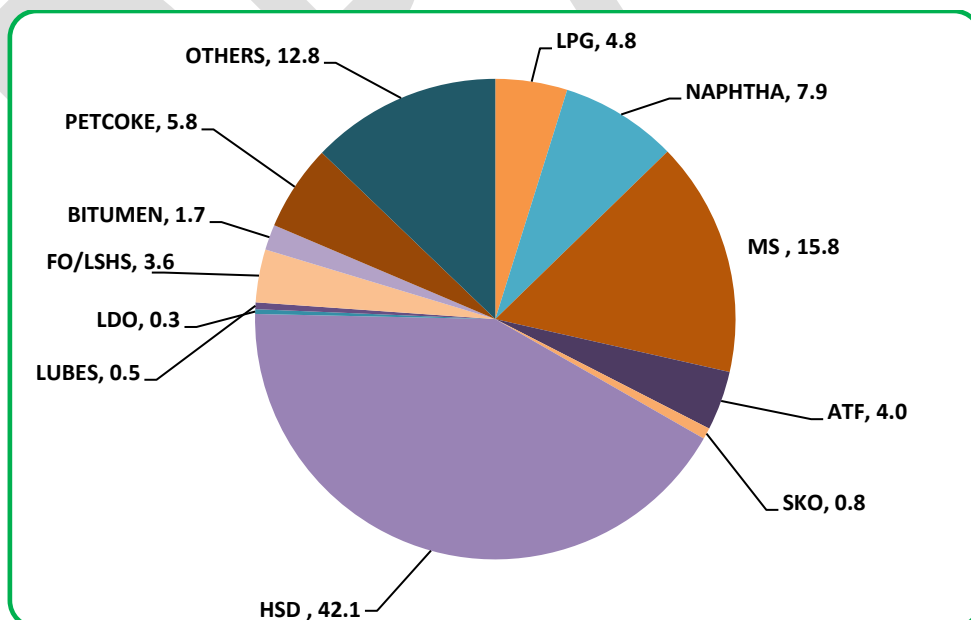
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April – January 2022 ^(P)



The percentage share of various products in total POL production during April – January 2022 is shown below:

Figure-6; Percentage share of products in total POL production: April – January 2022 ^(P)



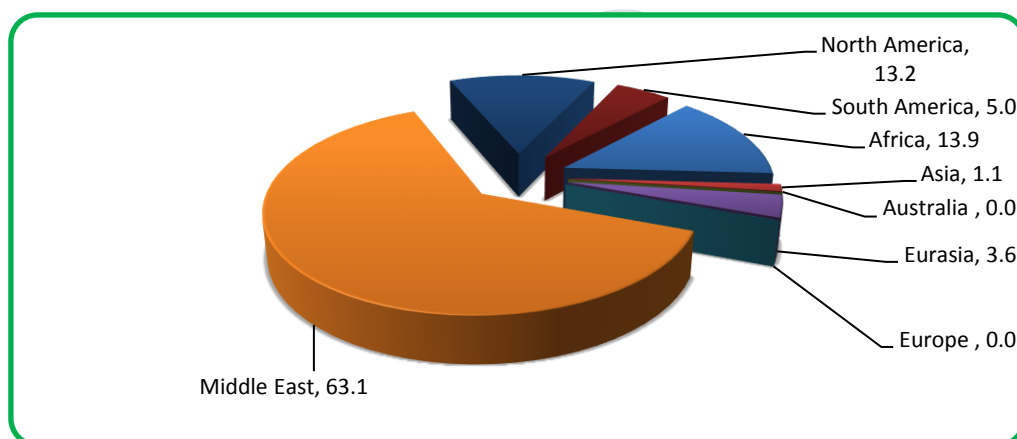
Part B: Import /Export

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	January 2022 ^(P)	April to January 2022 ^(P)
Crude Oil	19255	175900

Figure 7: Region wise percentage share (%) of crude oil during April to January 2022 (P)



- Crude oil imports decreased by 1.7% and increased by 7.9% during January 2022 and April-January 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 71.4% of total imports during April-January 2022 as compared to 73.0% during April- January 2021.

5.b Import Petroleum Products

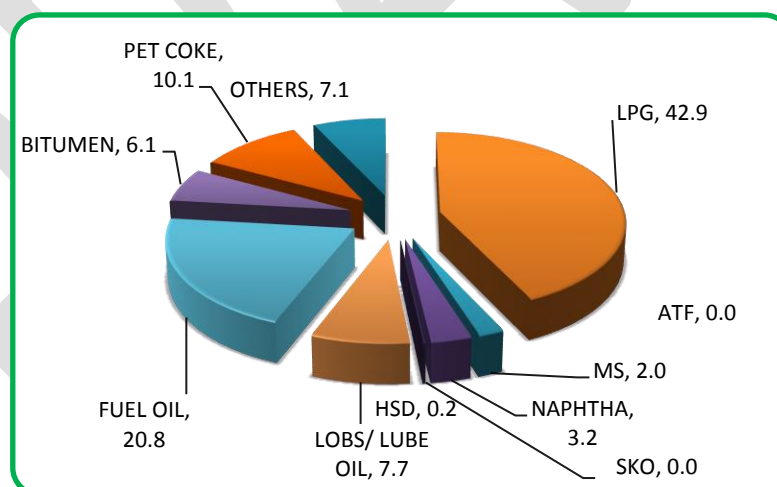
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	January 2022 ^(P)	April to January 2022 ^(P)
LPG	1394	14425
MS/ Petrol	1	672
NAPHTHA	90	1067
ATF	0	0
SKO	0	0
HSD	8	65
LOBS/LUBE OIL	252	2573
FUEL OIL	821	6994
BITUMEN	218	2044
PETCOKE	342	3381
OTHERS§	301	2373
TOTAL IMPORTS	3426	33595

Notes: (P): Provisional. Source: Oil Companies & DGCIS
Private imports are prorated for the period Dec-2021 to Jan-2022 on the basis of actual data received from DGCIS for the period Dec-2020 to Nov-2021

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

Figure 8: Percentage share of petroleum products in imports: April to January 2022 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 50.6% share of total POL products import during April-January 2022 as compared to 44.1% during April-January 2021.
- Import of petcoke accounted for 10.1% of the total POL imports during April-January 2022. The entire quantity was imported by private importers.

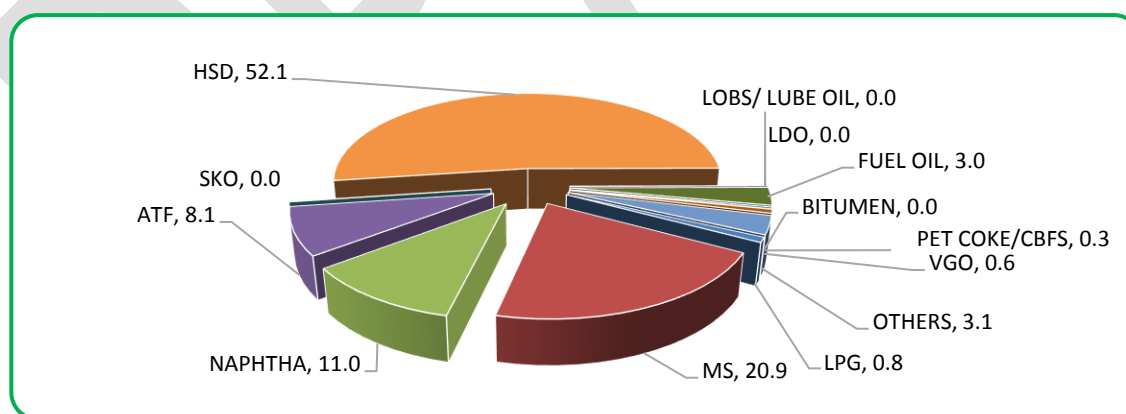
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	January 2022 ^(P)	April to January 2022 ^(P)
LPG	49	431
MS	1082	10666
Naphtha	511	5632
ATF	448	4154
SKO	1	12
HSD	2574	26621
LDO	0	0
LOBS/LUBE OIL	0	4
FUEL OIL	165	1533
BITUMEN	0	6
PETCOKE	0	138
VGO	0	319
OTHERS [#]	237	1594
TOTAL EXPORT	5067	51109

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 January 2022 (P)



- Exports of POL products increased by 14.4% and 9.8% during January 2022 and April-January 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-January 2022 (P) was due to increase in increase in exports of all products except LOBS/Lubes oil, Bitumen and petcoke/CBFS.