

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

&

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

May 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

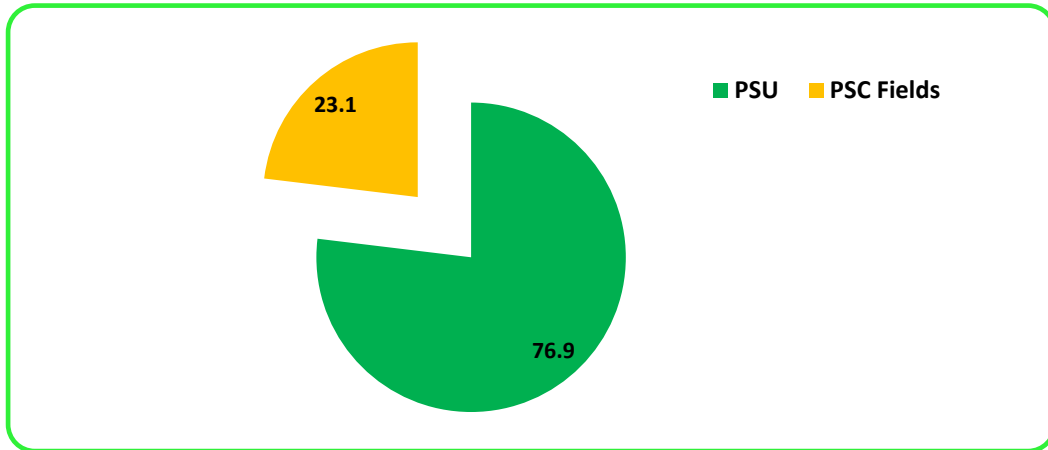
- Indigenous crude oil and condensate production during May 2022 and April – May 2022 was higher by 4.6 % and 1.8 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during May 2022 was 22.6 MMT, which was 19.4 % higher than May 2021. On cumulative basis total crude oil processed was 44.2 MMT which was higher by 13.8 % during April – May 2022 as compared to April – May 2021.
- Production of petroleum products saw a growth of 16.7 % and 12.8 % during May 2022 and April – May 2022 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 13.4% and 15.7% during May 2022 and April-May 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 15.6% and 21.7% during May 2022 and April-May 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-May 2022 were due to increase in imports of all products except motor spirit (MS), LOBS/Lube oil, bitumen etc.
- Exports of POL products decreased by 1% and increased by 14.3% during May 2022 and April-May 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-May 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO), bitumen, vacuum gas oil (VGO) etc.

Part A: Production

2. Indigenous crude oil and condensate production

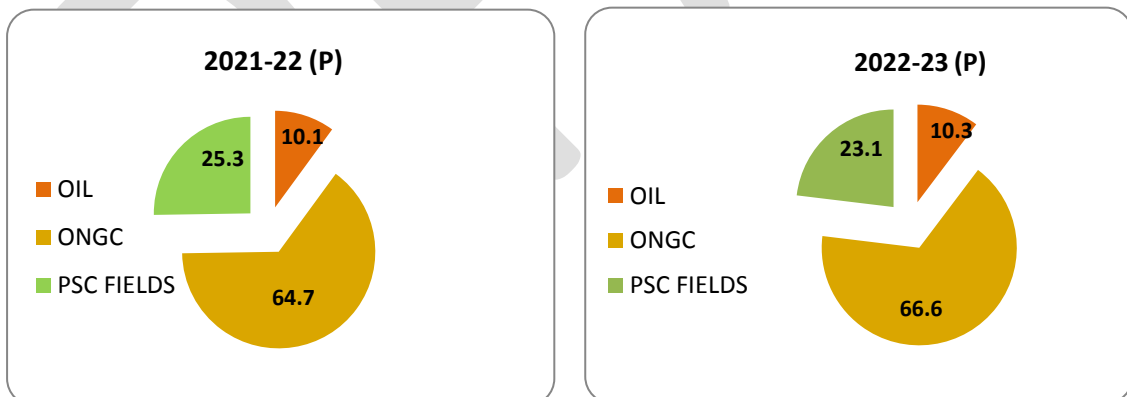
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during May 2022 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; May 2022 (P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during May 2022 (P) and May 2021 (P) is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; May



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 May 2022 (P) and May 2021 (P) is given below:

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

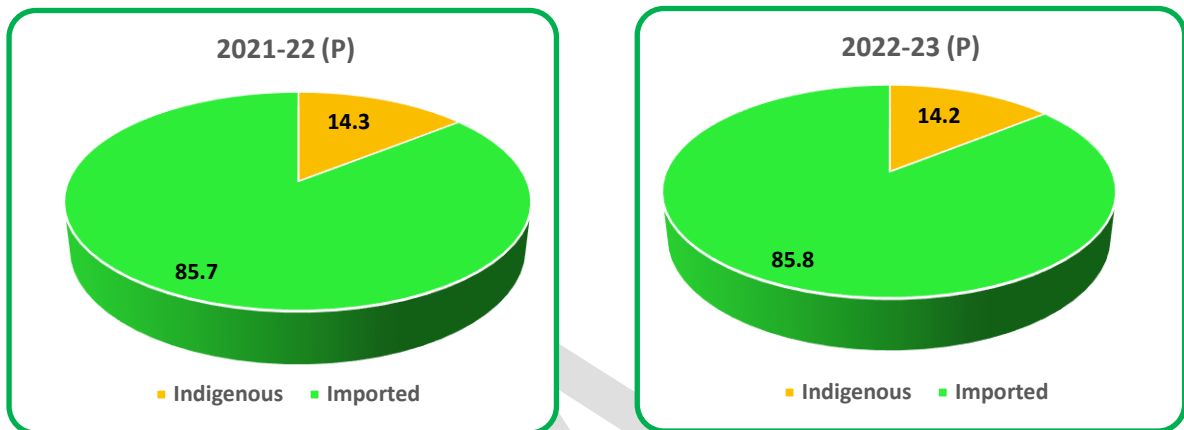
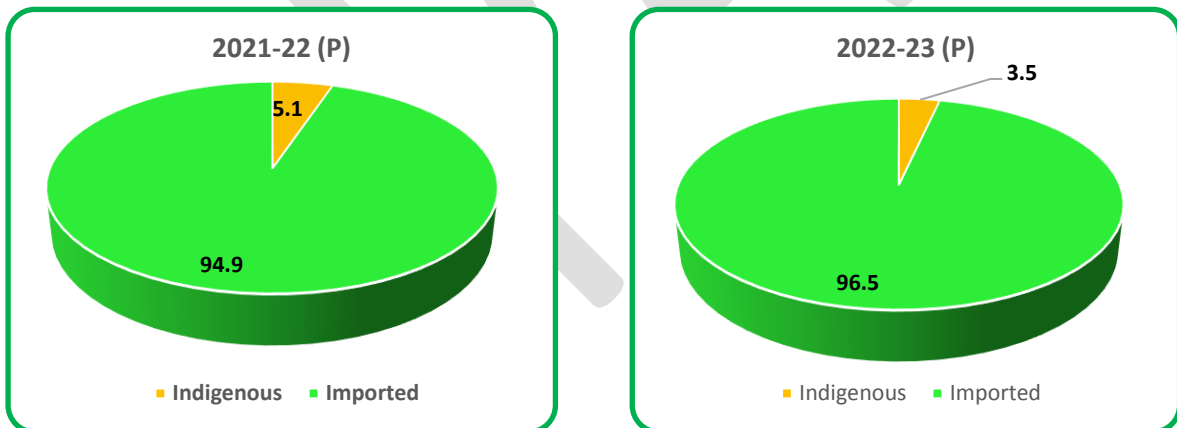


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: May



	2021 - 22 (P)	May		April – May	
		2021-22 (P)	2022-23 (P)	2021-22 (P)	2022-23 (P)
					Qty. in MMT
High Sulphur crude (HS)	185.0	14.0	17.9	29.0	34.5
Low Sulphur crude (LS)	56.7	5.0	4.7	9.8	9.8
Total crude processed	241.7	19.0	22.6	38.9	44.2
% Share of HS crude in total crude processed	76.6%	73.8%	79.2%	74.8%	77.9%

4. Production of Petroleum Products

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

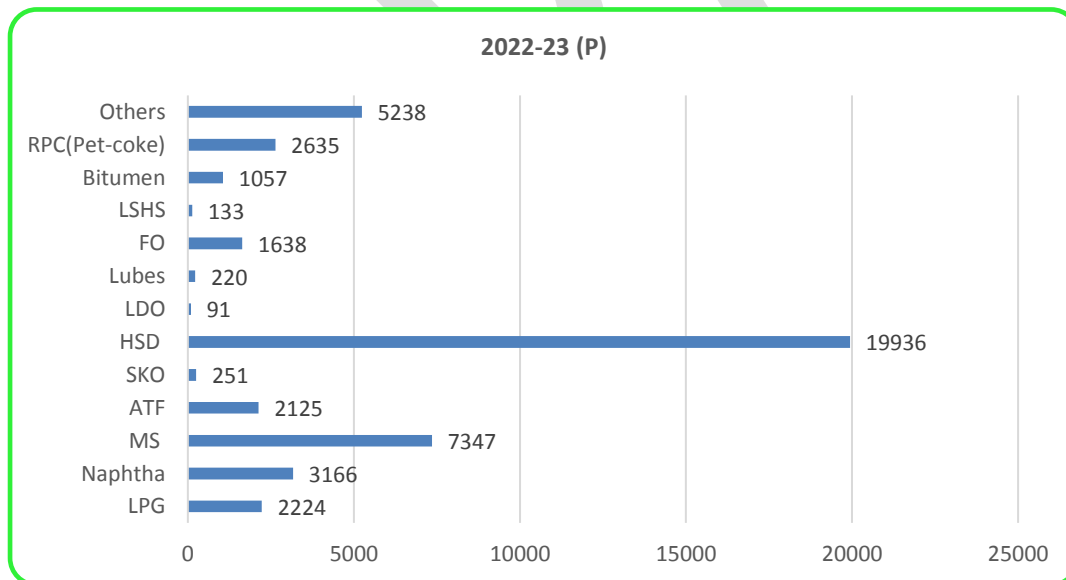
Table-2; Production of petroleum products	
<i>(Thousand Metric Tonnes)</i>	
Products	May 2022 (P)
LPG	1131
Naphtha	1512
MS	3707
ATF	1115
SKO	131
HSD	10118
LDO	31
Lubes	104
FO	886
LSHS	67
Bitumen	509
RPC(Pet-coke)	1321
Others	2618
Total	23250

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.

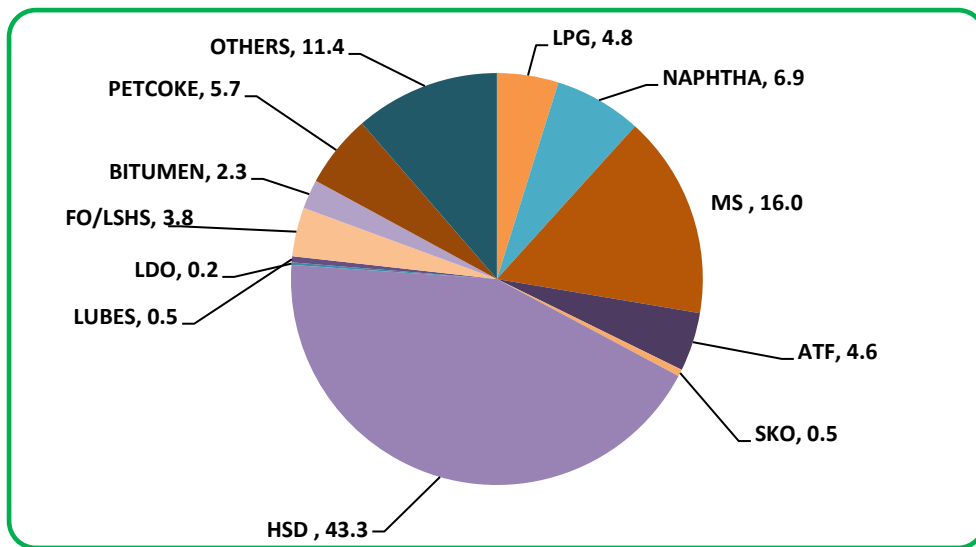
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

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



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

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



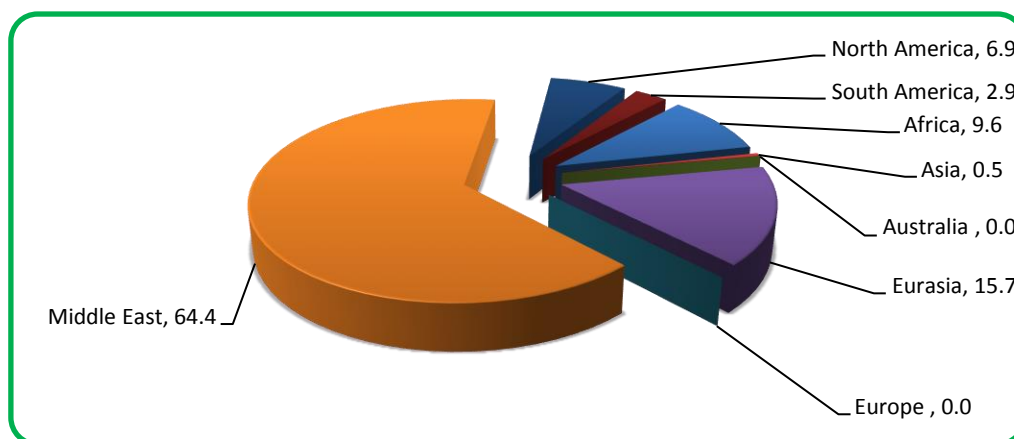
Part B: Import /Export

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	May 2022 ^(P)	April to May 2022 ^(P)
Crude Oil	19566	41100

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



- Crude oil imports increased by 13.4% and 15.7% during May 2022 and April-May 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 67.2% of total imports during April-May 2022 as compared to 71.8% during April- May 2021.

5.b Import Petroleum Products

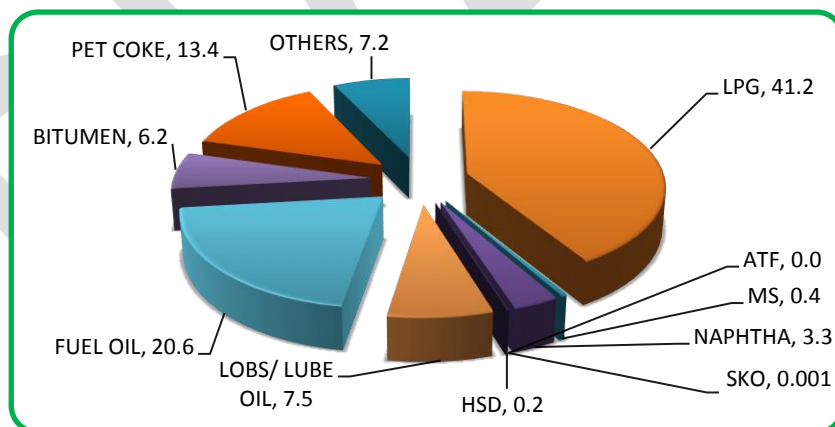
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	May 2022 ^(P)	April to May 2022 ^(P)
LPG	1382	2939
MS/ Petrol	30	30
NAPHTHA	99	234
ATF	0	0
SKO	0.02	0.05
HSD	6	13
LOBS/LUBE OIL	264	533
FUEL OIL	473	1471
BITUMEN	223	443
PETCOKE	478	956
OTHERS\$	272	510
TOTAL IMPORTS	3227	7129

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

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

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



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 48.7% share of total POL products import during April-May 2022 as compared to 45.3% during April-May 2021.
- Import of petcoke accounted for 13.4% of the total POL imports during April-May 2022. The entire quantity was imported by private importers.

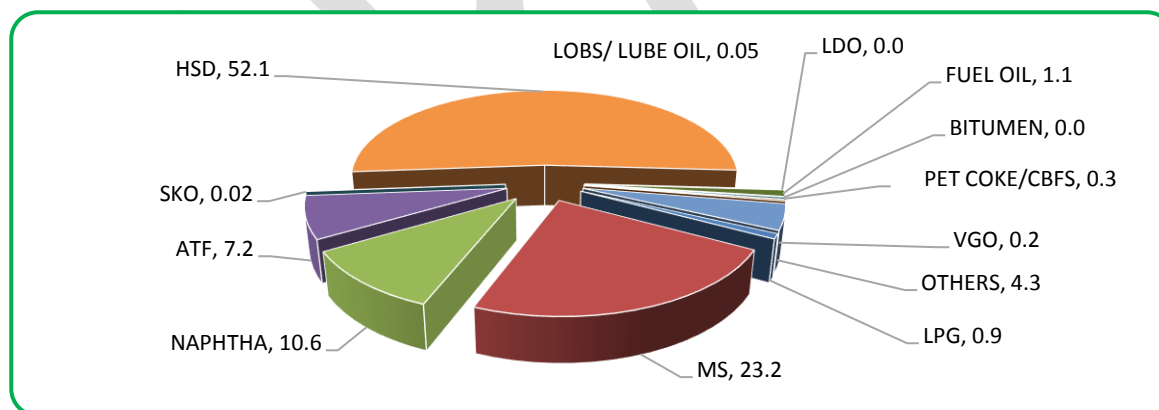
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	May 2022 ^(P)	April to May 2022 ^(P)
LPG	47	94
MS	1157	2559
Naphtha	556	1167
ATF	448	797
SKO	1	2
HSD	3058	5751
LDO	0	0
LOBS/LUBE OIL	0	5
FUEL OIL	77	119
BITUMEN	0	0
PETCOKE	33.0	37
VGO	0	26
OTHERS [#]	300	479
TOTAL EXPORT	5676	11037

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 2022 (P)



- Exports of POL products decreased by 1% and increased by 14.3% during May 2022 and April-May 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-May 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO), bitumen, vacuum gas oil (VGO) etc.