

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

&

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

June 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

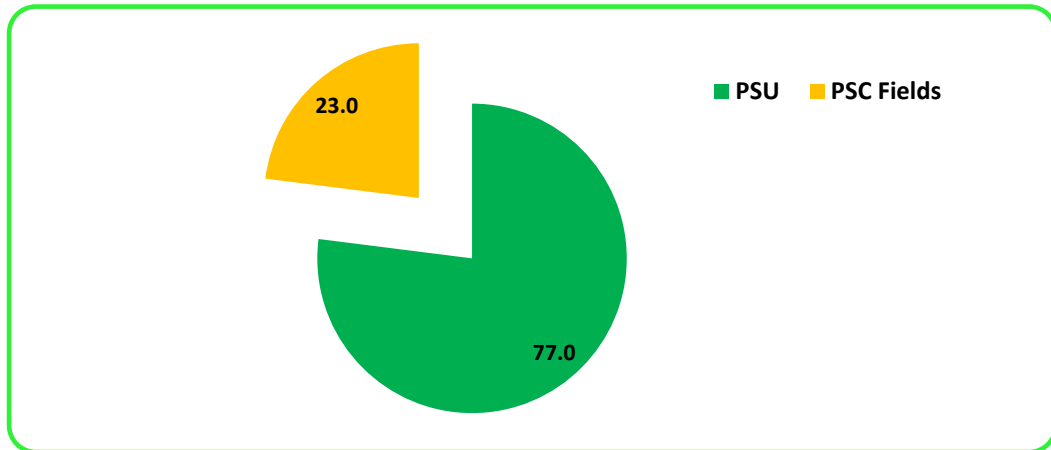
- Indigenous crude oil and condensate production during June 2022 and April – June 2022 was lower by 1.7 % and higher by 0.6 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during June 2022 was 21.6 MMT, which was 17.3 % higher than June 2021. On cumulative basis total crude oil processed was 65.8 MMT which was higher by 14.9 % during April – June 2022 as compared to April – June 2021.
- Production of petroleum products saw a growth of 15.1 % and 13.5 % during June 2022 and April – June 2022 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 20.8% and 17.2% during June 2022 and April-June 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 13.3% and 18.9% during June 2022 and April-June 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-June 2022 were due to increase in imports of all products except naphtha and bitumen etc.
- Exports of POL products decreased by 0.2% and increased by 9.1% during June 2022 and April-June 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-June 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel Oil (FO) and VGO etc.

Part A: Production

2. Indigenous crude oil and condensate production

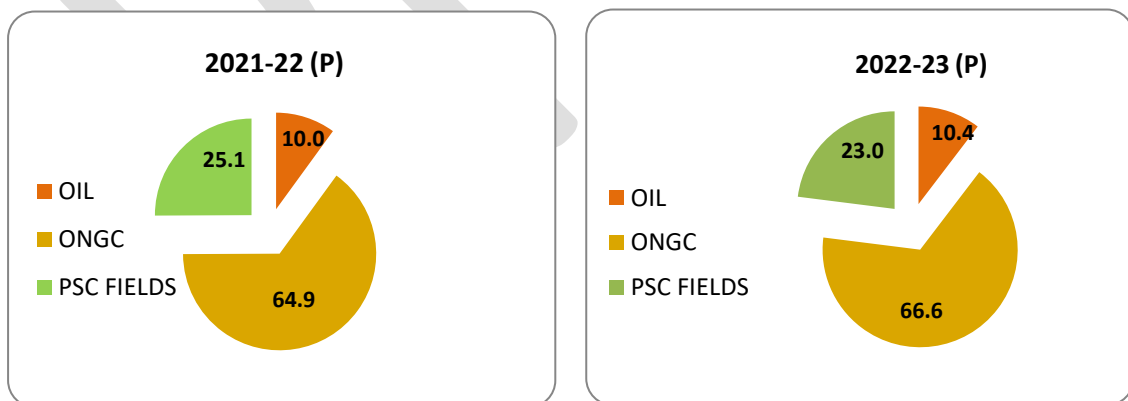
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – June (P) is shown in figure-1 below:

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



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

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



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

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

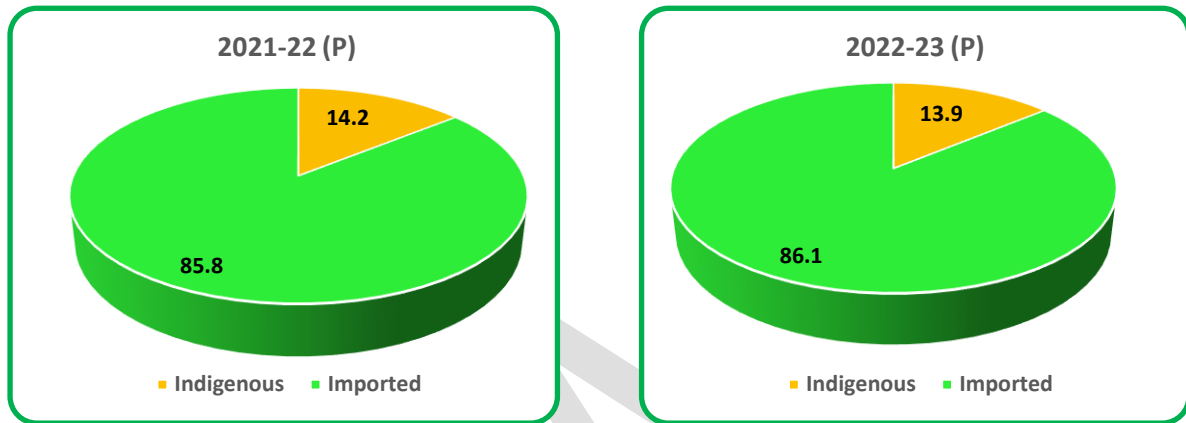


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - June

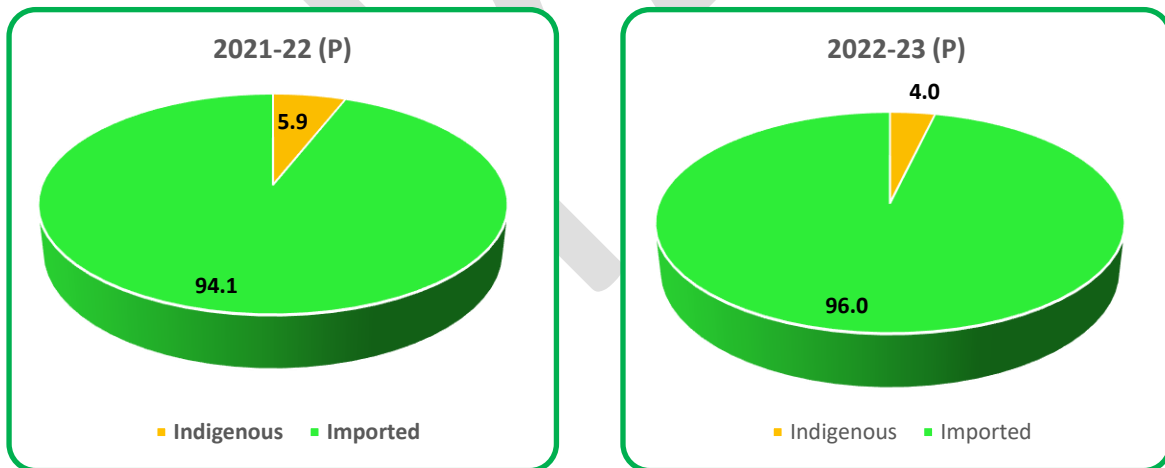


Table-1; High Sulphur crude oil processed as percentage of total crude oil processed

	June		April – June	
	2021-22 (P)	2022-23 (P)	2021-22 (P)	2022-23 (P)
	Qty. in MMT			
High Sulphur crude (HS)	13.7	16.7	42.7	51.2
Low Sulphur crude (LS)	4.7	4.9	14.5	14.6
Total crude processed	18.4	21.6	57.3	65.8
% Share of HS crude in total crude processed	74.5%	77.4%	74.7%	77.7%

4. Production of Petroleum Products

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

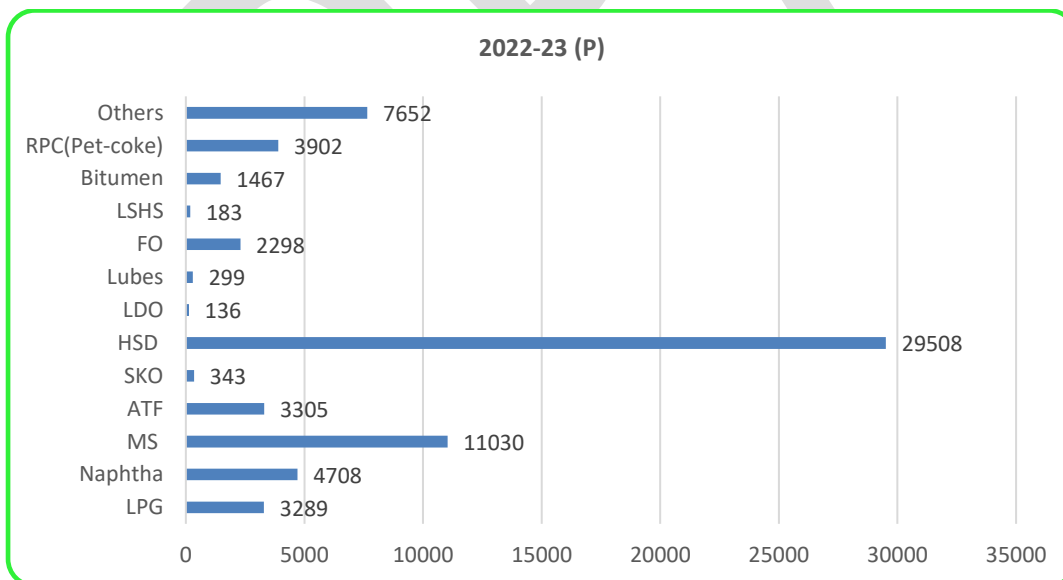
Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	June 2022 ^(P)
LPG	1065
Naphtha	1541
MS	3683
ATF	1180
SKO	93
HSD	9572
LDO	45
Lubes	79
FO	659
LSHS	50
Bitumen	410
RPC(Pet-coke)	1267
Others	2414
Total	22059

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.

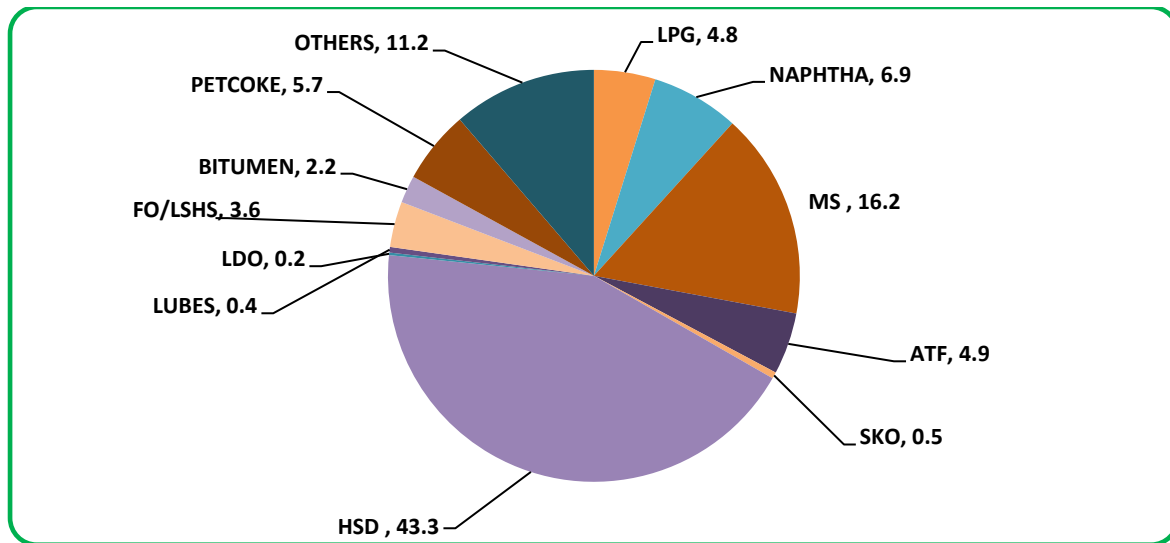
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

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



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

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



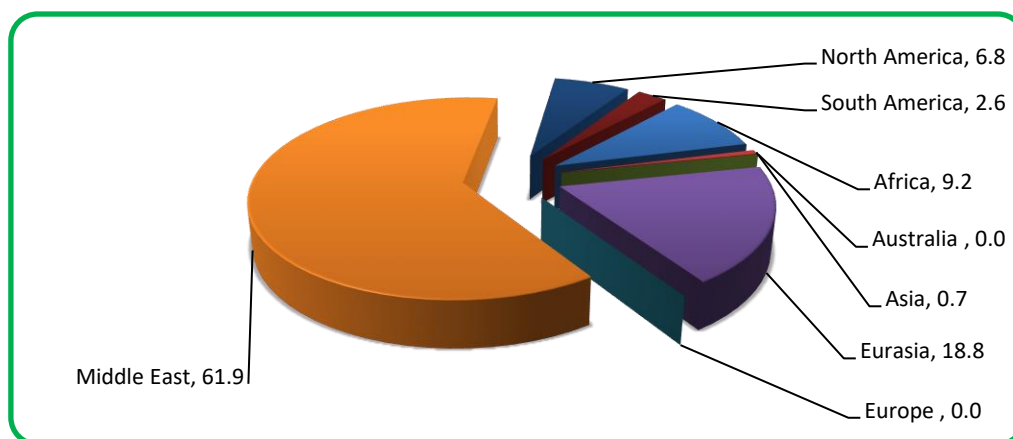
Part B: Import /Export

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	June 2022 ^(P)	April to June 2022 ^(P)
Crude Oil	19206	60280

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



- Crude oil imports increased by 20.8% and 17.2% during June 2022 and April-June 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 64.8% of total imports during April-June 2022 as compared to 69.7% during April- June 2021.

5.b Import Petroleum Products

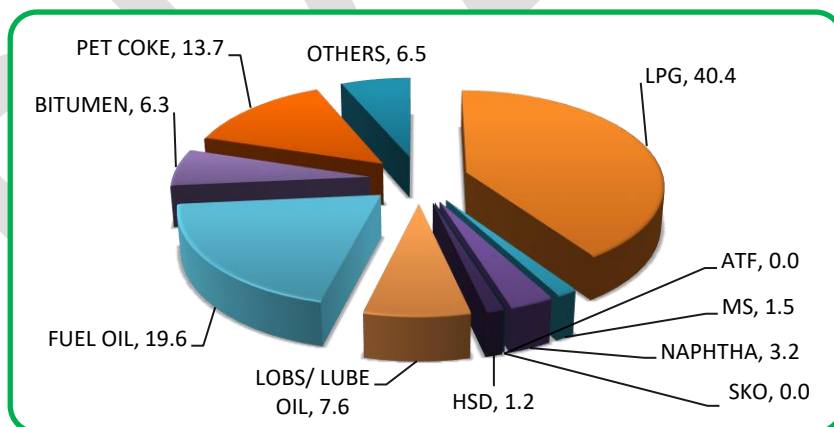
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	June 2022 ^(P)	April to June 2022 ^(P)
LPG	1307	4246
MS/ Petrol	128	157
NAPHTHA	99	333
ATF	0	0
SKO	0.02	0.1
HSD	118	131
LOBS/LUBE OIL	260	793
FUEL OIL	590	2061
BITUMEN	219	662
PETCOKE	478	1435
OTHERS [§]	172	682
TOTAL IMPORTS	3371	10500

Notes: (P): Provisional. Source: Oil Companies & DGCIS
[#] Private imports are prorated for the period April-2022 to June-2022 on the basis of actual data received from DGCIS for the period April-2021 to March-2022

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

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



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 48.0% share of total POL products import during April-June 2022 as compared to 48.1% during April-June 2021.
- Import of petcoke accounted for 13.7% of the total POL imports during April-June 2022. The entire quantity was imported by private importers.

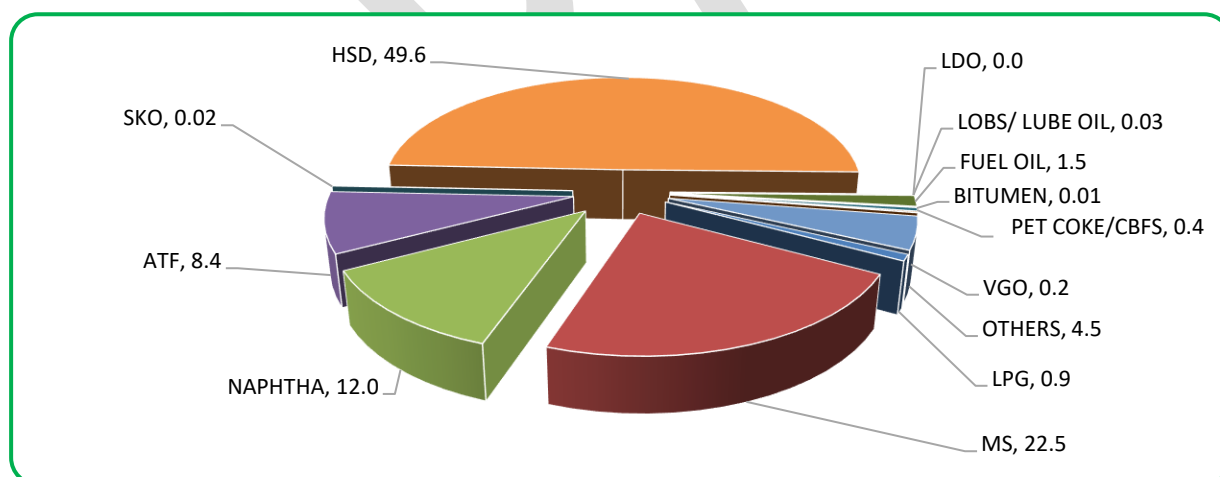
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	June 2022 ^(P)	April to June 2022 ^(P)
LPG	49	144
MS	1162	3721
Naphtha	815	1982
ATF	591	1388
SKO	1	4
HSD	2452	8203
LDO	0	0
LOBS/LUBE OIL	0.4	5
FUEL OIL	127	246
BITUMEN	1	1
PETCOKE	36	73
VGO	0	26
OTHERS [#]	267	746
TOTAL EXPORT	5501	16538

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 June 2022 (P)



- Exports of POL products decreased by 0.2% and increased by 9.1% during June 2022 and April-June 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-June 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel Oil (FO) and VGO etc.