

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

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

July 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

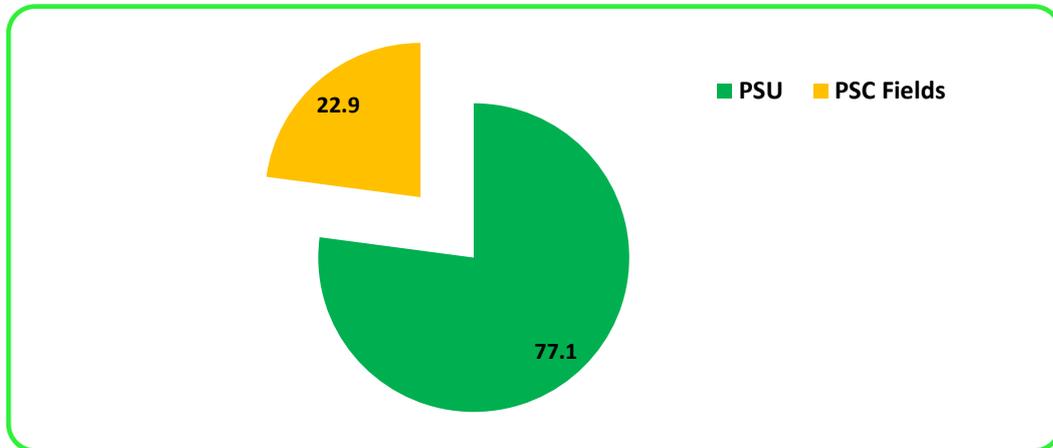
- Indigenous crude oil and condensate production during July 2022 and April – July 2022 was lower by 3.8 % and 0.5 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during July 2022 was 21.4 MMT, which was 10.5 % higher than July 2021. On cumulative basis total crude oil processed was 87.2 MMT which was higher by 13.8 % during April – July 2022 as compared to April – July 2021.
- Production of petroleum products saw a growth of 6.2 % and 11.7 % during July 2022 and April – July 2022 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 35.4% and 21.3% during July 2022 and April-July 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 5.3% and 15.0% during July 2022 and April-July 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-July 2022 were due to increase in imports of all products except naphtha, fuel oil and bitumen etc.
- Exports of POL products decreased by 0.3% and increased by 6.8% during July 2022 and April-July 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-July 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO) and vacuum gas oil (VGO) etc.

Part A: Production

2. Indigenous crude oil and condensate production

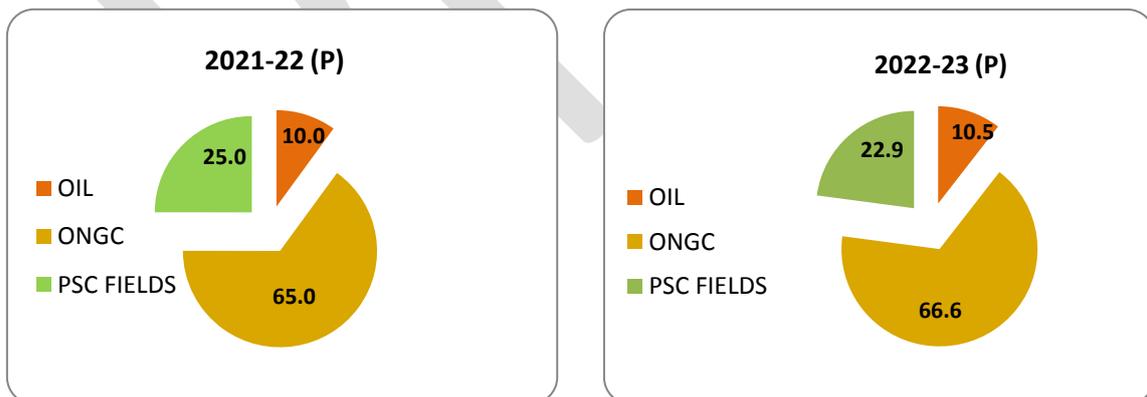
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – July (P) is shown in figure-1 below:

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



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

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

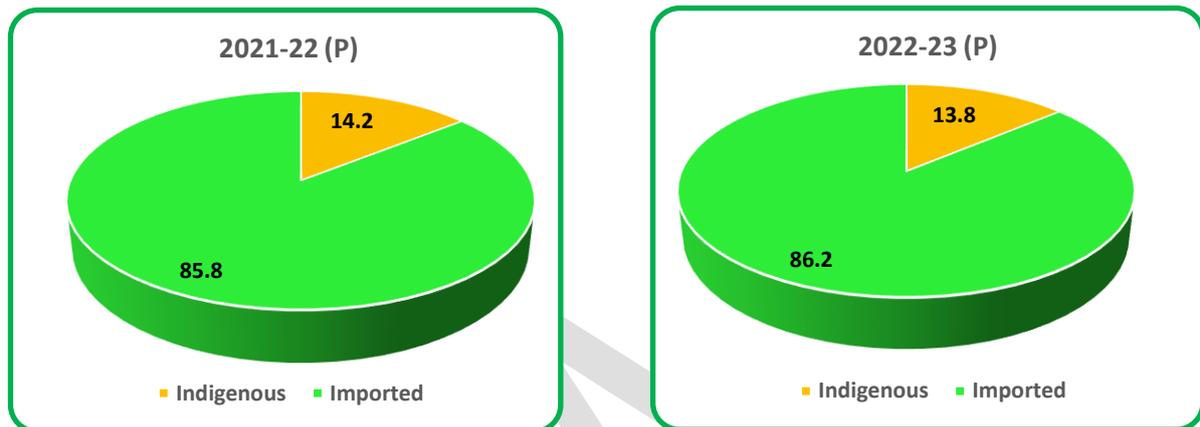


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - July

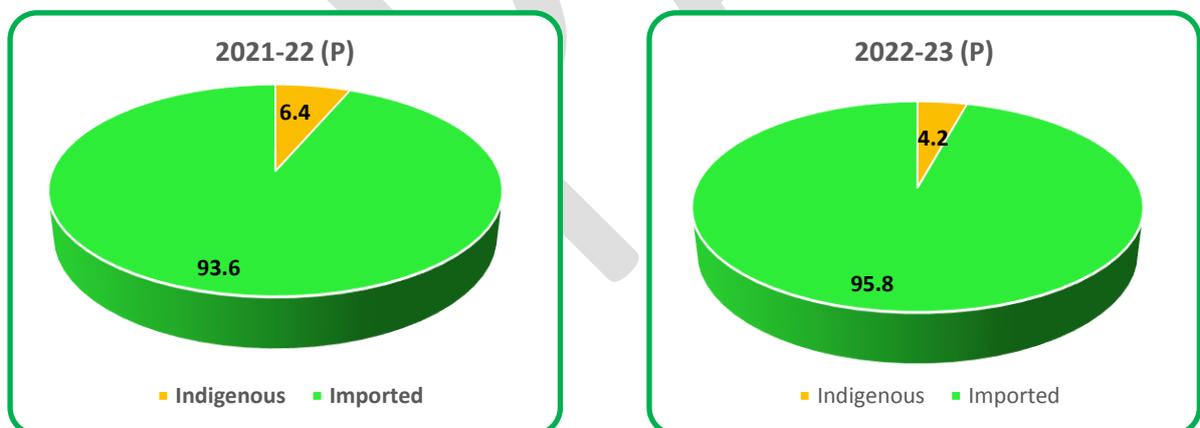


Table-1; High Sulphur crude oil processed as percentage of total crude oil processed

	July		April – July	
	2021-22 (P)	2022-23 (P)	2021-22 (P)	2022-23 (P)
	Qty. in MMT			
High Sulphur crude (HS)	14.7	17.1	57.4	68.2
Low Sulphur crude (LS)	4.7	4.3	19.2	19.0
Total crude processed	19.4	21.4	76.6	87.2
% Share of HS crude in total crude processed	75.6%	79.8%	74.9%	78.2%

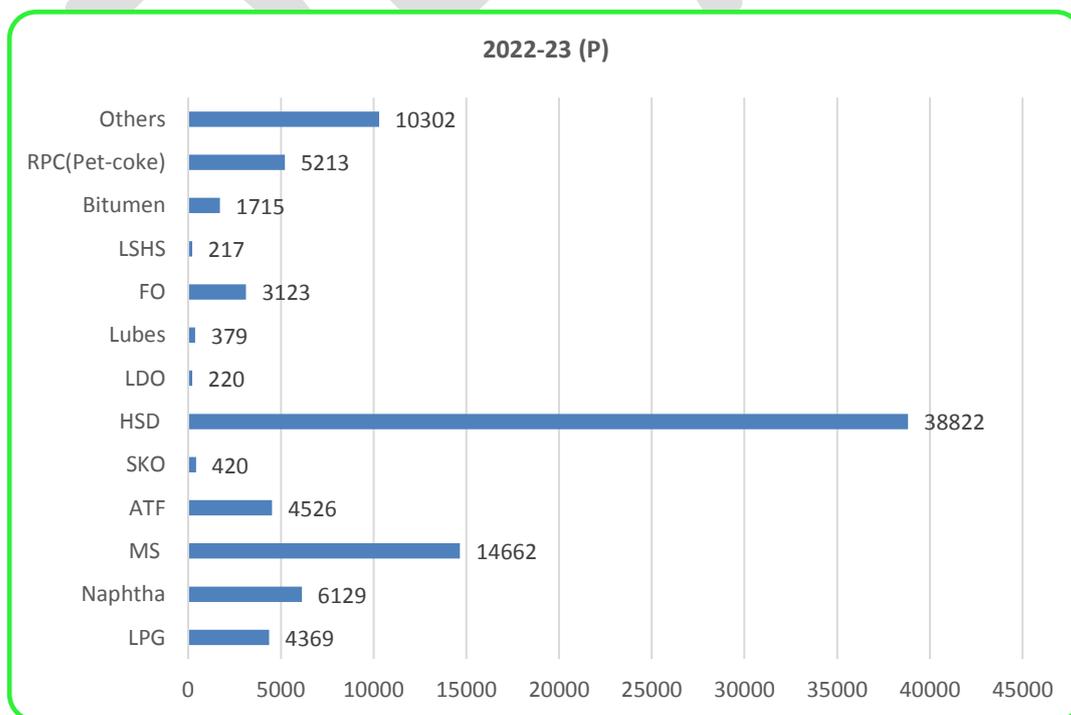
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	July 2022 ^(P)
LPG	1080
Naphtha	1421
MS	3632
ATF	1221
SKO	76
HSD	9314
LDO	83
Lubes	79
FO	825
LSHS	34
Bitumen	248
RPC(Pet-coke)	1311
Others	2650
Total	21975

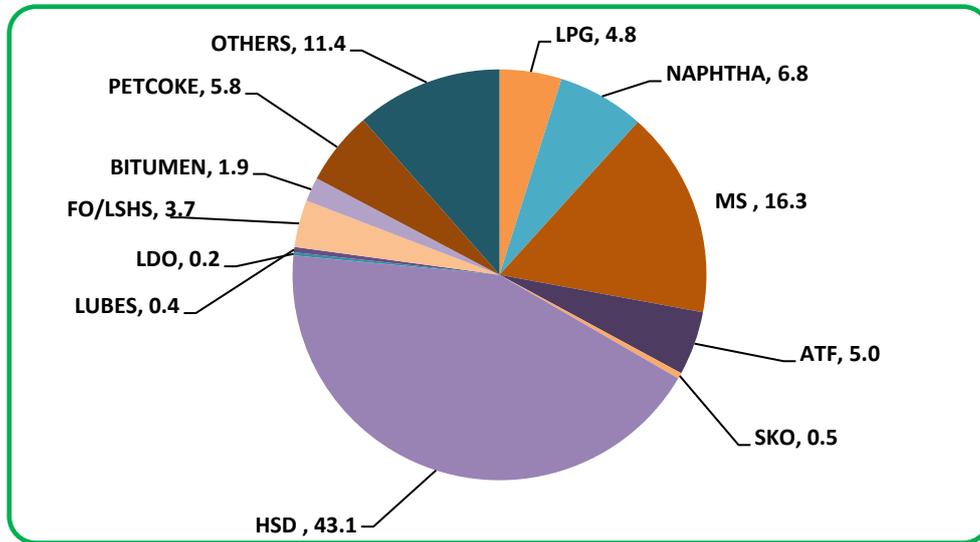
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

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



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

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



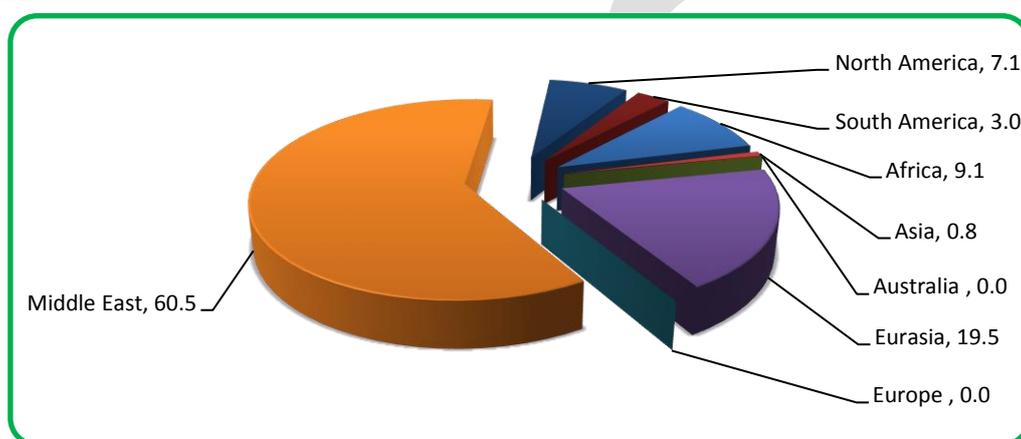
Part B: Import /Export

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	July 2022 ^(P)	April to July 2022 ^(P)
Crude Oil	20342	80569

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



- Crude oil imports increased by 35.4% and 21.3% during July 2022 and April-July 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 64.1% of total imports during April-July 2022 as compared to 71.6% during April- July 2021.

5.b Import Petroleum Products

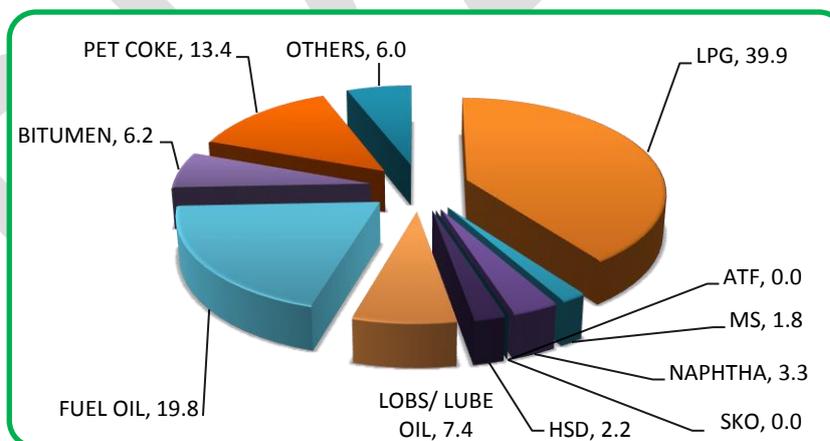
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	July 2022 ^(P)	April to July 2022 ^(P)
LPG	1426	5672
MS/ Petrol	99	257
NAPHTHA	134	468
ATF	0	0
SKO	0.02	0.1
HSD	186	316
LOBS/LUBE OIL	255	1048
FUEL OIL	756	2817
BITUMEN	219	881
PETCOKE	478	1913
OTHERS [§]	171	853
TOTAL IMPORTS	3725	14226

Notes: (P): Provisional. Source: Oil Companies & DGCIS
Private imports are prorated for the period April-2022 to July-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 July 2022 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 47.2% share of total POL products import during April-July 2022 as compared to 47.6% during April-July 2021.
- Import of petcoke accounted for 13.4% of the total POL imports during April-July 2022. The entire quantity was imported by private importers.

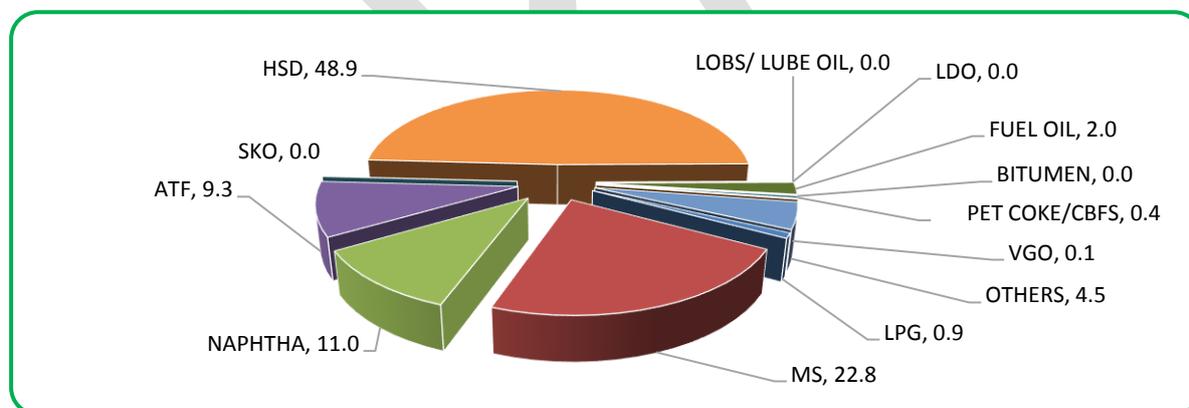
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	July 2022 ^(P)	April to July 2022 ^(P)
LPG	41	185
MS	1109	4830
Naphtha	355	2336
ATF	583	1971
SKO	1	5
HSD	2184	10387
LDO	0	0
LOBS/LUBE OIL	0.20	6
FUEL OIL	186	432
BITUMEN	0	1
PETCOKE	11	84
VGO	0	26
OTHERS [#]	214	960
TOTAL EXPORT	4684	21222

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 July 2022 (P)



- Exports of POL products decreased by 0.3% and increased by 6.8% during July 2022 and April-July 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-July 2022 (P) were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO) and vacuum gas oil (VGO) etc.