

MONTHLY REPORT
ON
INDIGENOUS CRUDE OIL PRODUCTION, CRUDE OIL
IMPORT AND PROCESSING
&
PRODUCTION, IMPORT AND EXPORT OF PETROLEUM
PRODUCTS
April 2023



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(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

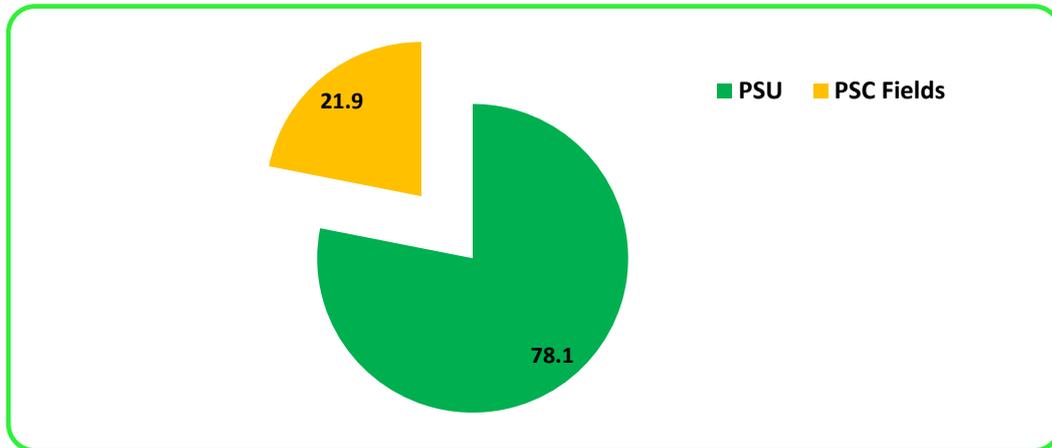
- Indigenous crude oil and condensate production during April 2023 was 2.4 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC registered production of 0.5 MMT during April 2023.
- Total Crude oil processed during April 2023 was 21.45 MMT. Where PSU/JV Refiners processed 14.42 MMT and PVT Refiners Processed 7.03 MMT of Crude Oil. Total Indigenous Crude Oil processed was 1.97 MMT and total Imported Crude oil processed was 19.48 by all Indian Refineries (PSU+JV+PVT)
- Production of petroleum products was 22.5 MMT during April 2023, where 22.2 MMT was from Refinery production & 0.3 MMT was from Fractionator. HSD (42.1 %), MS (16.1 %), Naphtha (6.1 %) and ATF (6.0 %) have maximum share in production basket during April 2023.
- Crude oil imports were down by 8.3% during April 2023 as compared to the corresponding period of the previous year.
- POL products imports decreased by 28.3% during April 2023 as compared to the corresponding period of the previous year. Decrease in POL products imports during April 2023 were mainly due to decrease in imports of liquefied petroleum gas (LPG), fuel oil and petcoke etc.
- Exports of POL products recovered to 80.3% in April 2023 as compared to the corresponding period of the previous year. Decrease in POL products exports during April 2023 were mainly due to decrease in exports of high-speed diesel (HSD) and motor spirit (MS) etc.

Part A: Production

2. Indigenous crude oil and condensate production

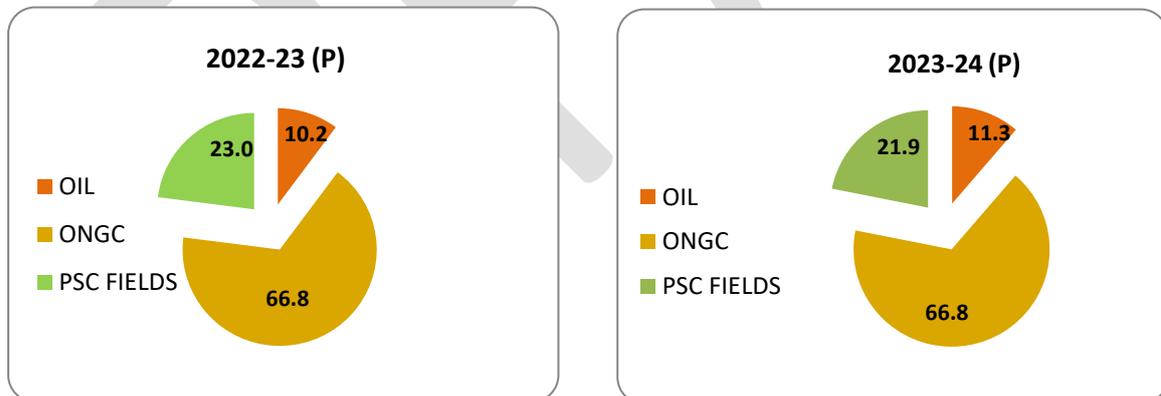
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April 2023 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April 2023 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April 2023 (P) and April 2022 (P) is shown in figure-2 below:

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



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 2023 (P) and April 2022 (P) is given below:

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

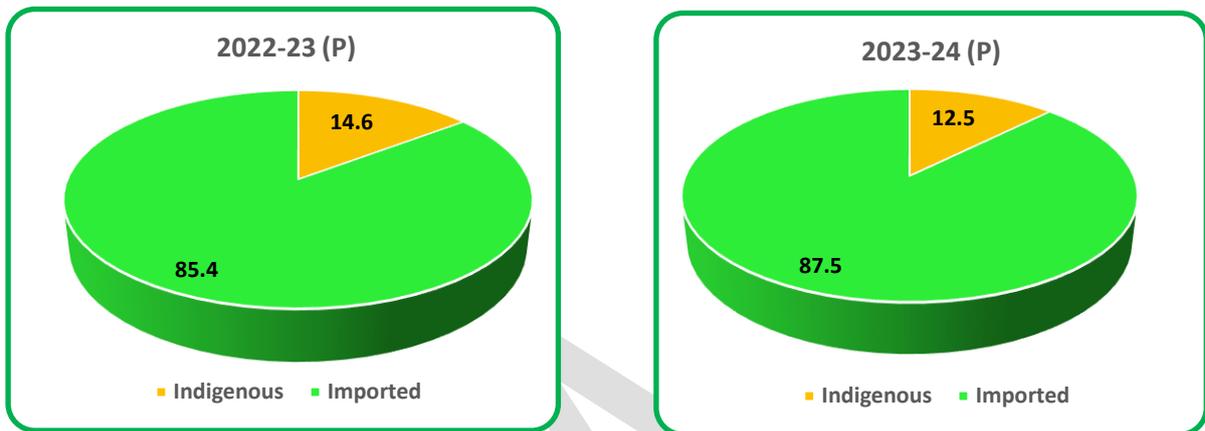


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April

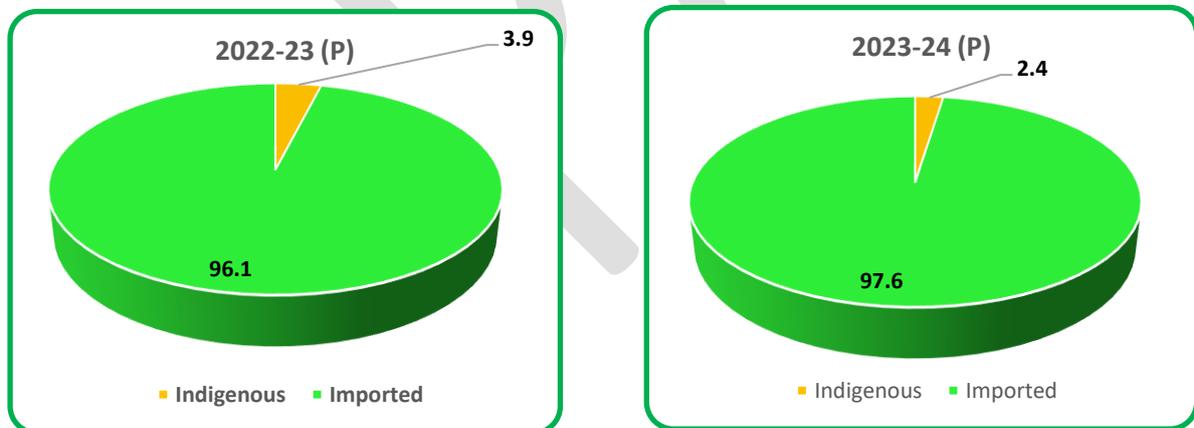


Table-1; High Sulphur crude oil processed as percentage of total crude oil processed

	April (P)	
	2022-23	2023-24
	Qty. in MMT	
High Sulphur crude (HS)	16.5	16.8
Low Sulphur crude (LS)	5.1	4.7
Total crude processed	21.6	21.5
% Share of HS crude in total crude processed	76.6%	78.3%

4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during April 2023^(P) are given in Table-2.

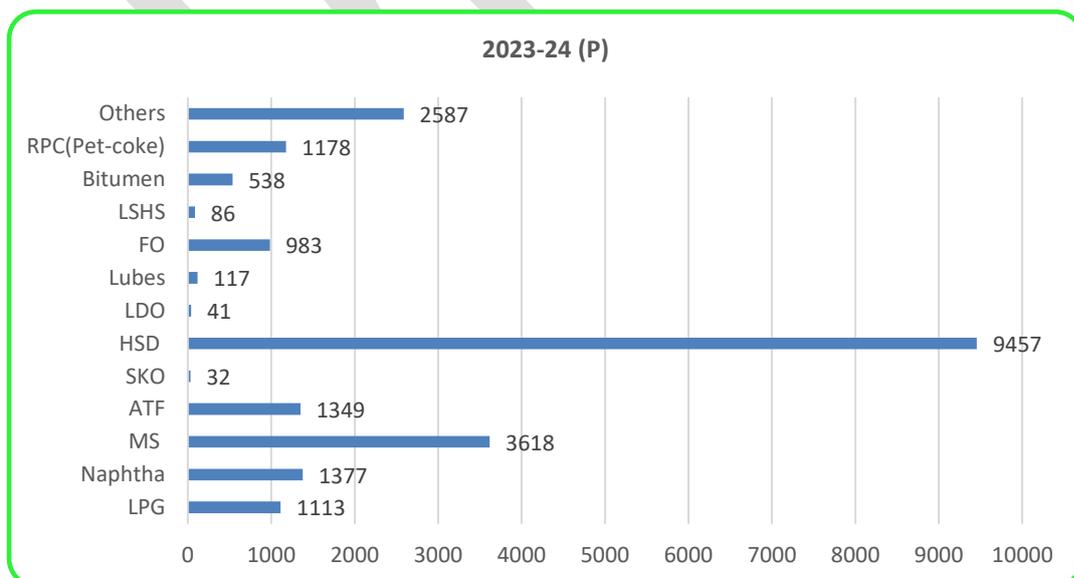
Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	April 2023 ^(P)
LPG	1113
Naphtha	1377
MS	3618
ATF	1349
SKO	32
HSD	9457
LDO	41
Lubes	117
FO	983
LSHS	86
Bitumen	538
RPC(Pet-coke)	1178
Others	2587
Total	22474

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.

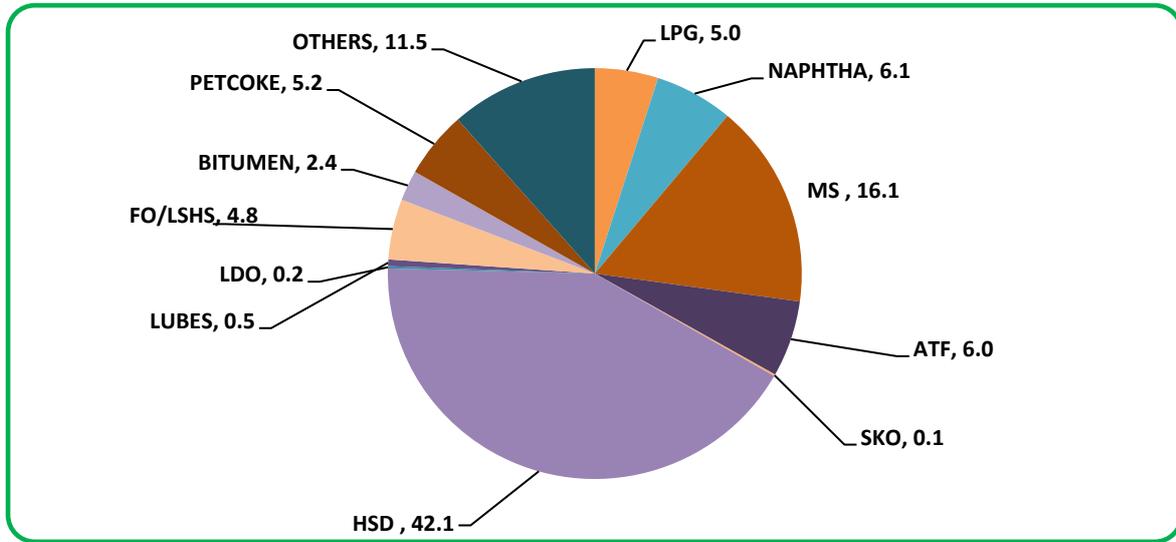
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April 2023 ^(P)



The percentage share of various products in total POL production during April 2023 is shown below:

Figure-6; Percentage share of products in total POL production: April 2023 ^(P)



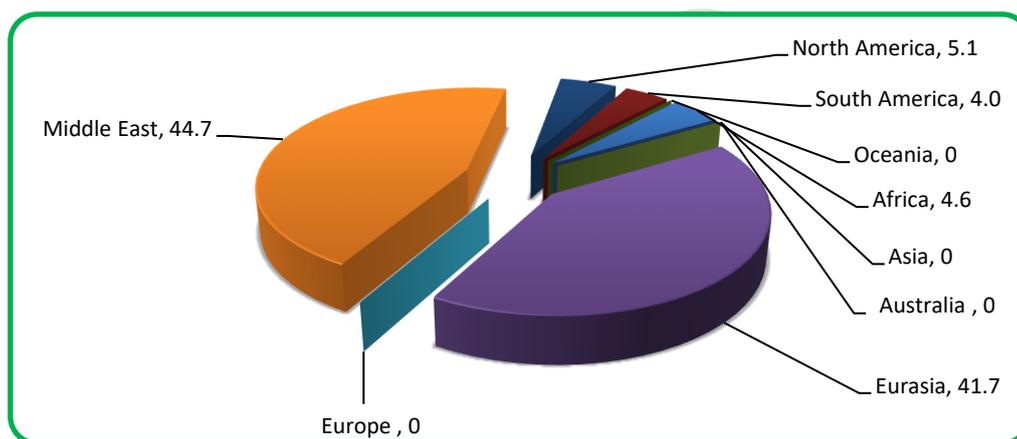
Part B: Import /Export

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	April 2023 ^(P)
Crude Oil	19837

Figure 7: Region wise percentage share (%) of crude oil during April 2023 (P)



- Crude oil imports were down by 8.3% during April 2023 as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 48.6% of total imports during April 2023 as compared to 68.9% during April 2022.

5.b Import Petroleum Products

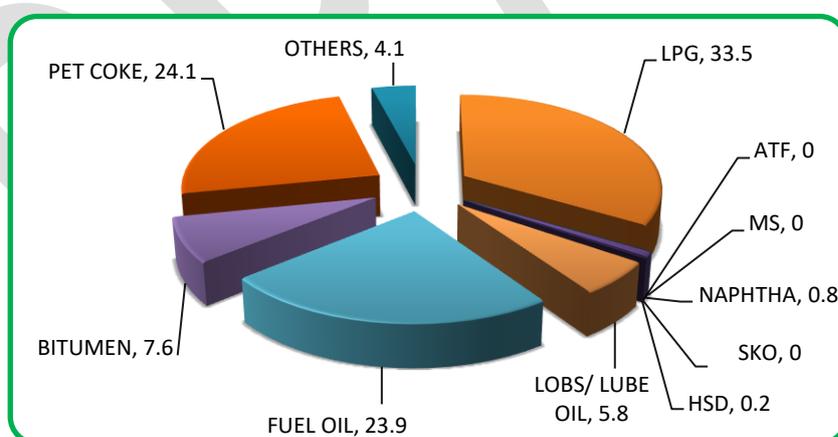
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products	
(Thousand Metric Tonnes)	
Product	April 2023 ^(P)
LPG	1004
MS/ Petrol	0.001
NAPHTHA	23
ATF	0
SKO	0
HSD	6
LOBS/LUBE OIL	173
FUEL OIL	716
BITUMEN	229
PETCOKE	722
OTHERS [§]	122
TOTAL IMPORTS	2995

Notes: (P): Provisional. Source: Oil Companies & DGCIS, Total may not tally due to rounding off.
 # Private imports are prorated for April-2023 on the basis of actual data received from DGCIS for the period April-2022 to March-2023

§ Others include Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc. LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, MTBE: Methyl tert-butyl ether.

Figure 8: Percentage share of petroleum products in imports: April 2023 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 39.3% share of total POL products import during April 2023 as compared to 43.9% during April 2022.
- Import of petcoke accounted for 24.1% of the total POL imports during April 2023. The entire quantity was imported by private importers.

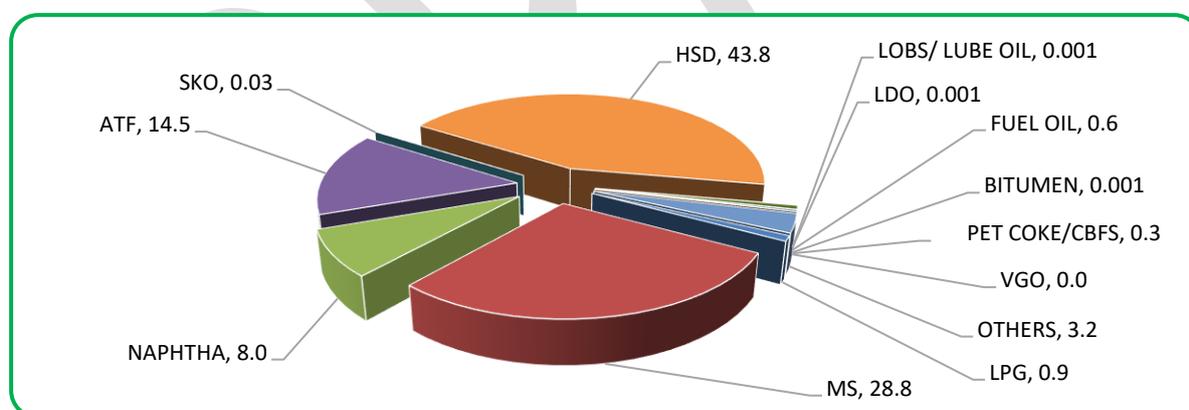
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products	
(Thousand Metric Tonnes)	
Product	April 2023 ^(P)
LPG	40
MS	1257
Naphtha	347
ATF	631
SKO	1
HSD	1910
LDO	0.1
LOBS/LUBE OIL	0.03
FUEL OIL	28
BITUMEN	0.05
PETCOKE	11
VGO	0
OTHERS [#]	140
TOTAL EXPORT	4365

Note: (P): Provisional. Source: Oil Companies. Total may not tally due to rounding off.
[#] 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 2023 (P)



- Exports of POL products recovered to 80.3% in April 2023 as compared to the corresponding period of the previous year. Decrease in POL products exports during April 2023 were mainly due to decrease in exports of high-speed diesel (HSD) and motor spirit (MS) etc.