

MONTHLY REPORT
ON
INDIGENOUS CRUDE OIL PRODUCTION, CRUDE OIL
IMPORT AND PROCESSING
&
PRODUCTION, IMPORT AND EXPORT OF PETROLEUM
PRODUCTS
August 2024



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

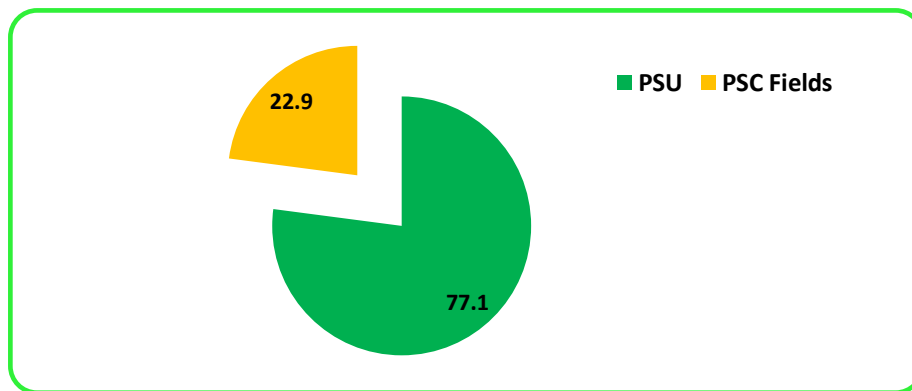
- Indigenous crude oil and condensate production during August 2024 was 2.4 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.5 MMT during August 2024. There is a de-growth of 3.4 % in crude oil and condensate production during August 2024 as compared with the corresponding period of the previous year.
- Total Crude oil processed during August 2024 was 21.5 MMT which is 1.9% lower than August 2023, where PSU/JV refiners processed 14.3 MMT and private refiners processed 7.2 MMT of crude oil. Total indigenous crude oil processed was 1.9 MMT and total imported crude oil processed was 19.6 MMT by all Indian refineries (PSU+JV+PVT). However, there was a growth of 1.3 % in total crude oil processed in April-August FY 2024 – 25 as compared to same period of FY 2023 – 24.
- Production of petroleum products was 22.7 MMT during August 2024 which is 1 % lower than August 2023. Out of 22.7 MMT, 22.4 MMT was from refinery production & 0.3 MMT was from fractionator. There was a growth of 1.8 % in production of petroleum products in April-August FY 2024 – 25 as compared to same period of FY 2023 – 24. Out of total POL production, in August 2024, share of major products including HSD is 40.3 %, MS 17.6 %, Naphtha 6.5 %, ATF 6.3 %, Pet Coke 5.5 %, LPG 4.6%, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports increased by 6.4% and 3.3% during August 2024 and April-August FY 2024-25 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 1.4% and increased by 8.6% during August 2024 and April-August FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-August FY 2024-25 were mainly due to increase in imports of liquified petroleum gas (LPG), petcoke and lubes/LOBS etc.
- Exports of POL products decreased by 13.7% and 2.8% during August 2024 and April-August FY 2024-25 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-August FY 2024-25 were mainly due to decrease in exports of high-speed diesel (HSD), vacuum gas oil (VGO) and motor spirit (MS) etc.

Part A: Production

2. Indigenous crude oil and condensate production

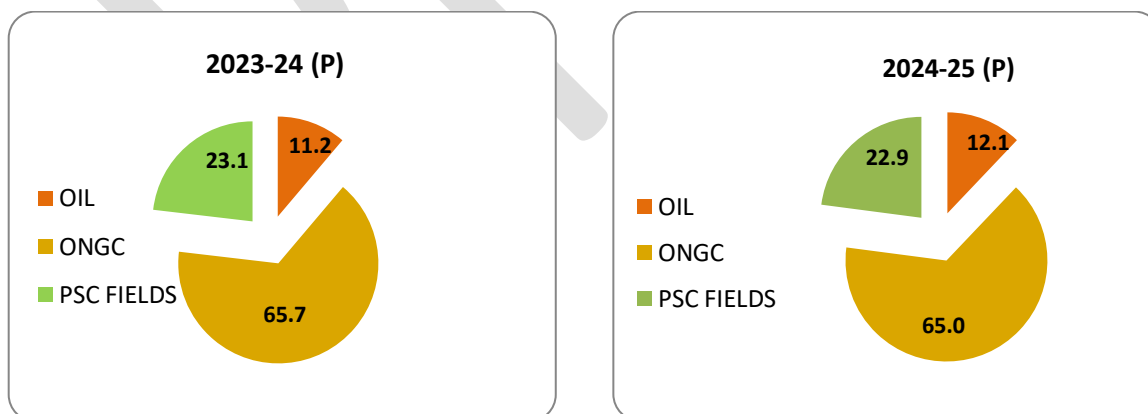
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April-August FY 2024-25 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April-August FY 2024-25 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April-August FY 2023-24 (P) and April-August FY 2024-25 (P) is shown in figure-2 below:

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



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-August FY 2023-24 (P) and April-August FY 2024-25 (P) is given below

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

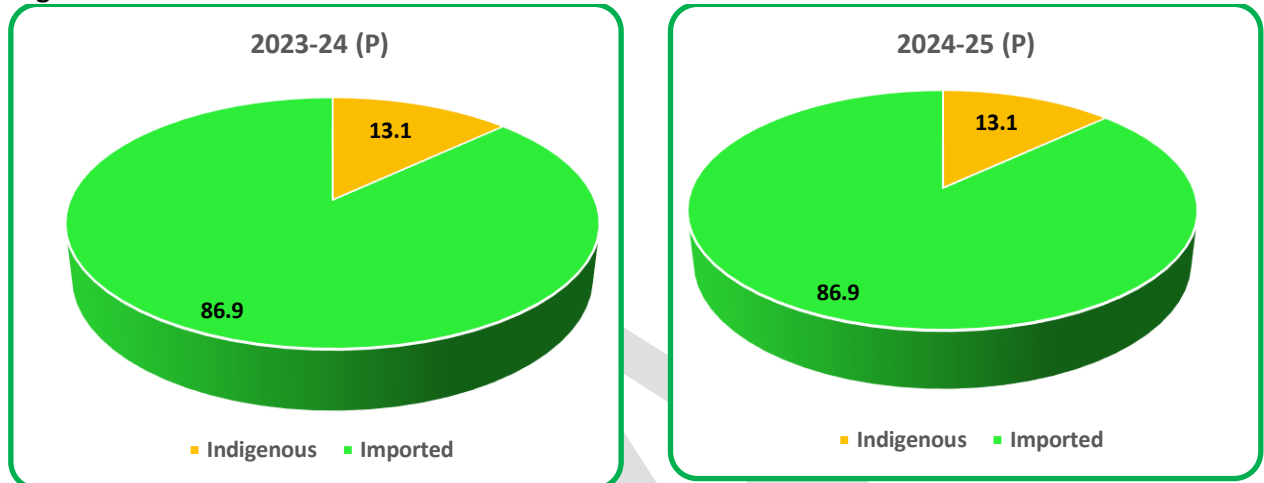
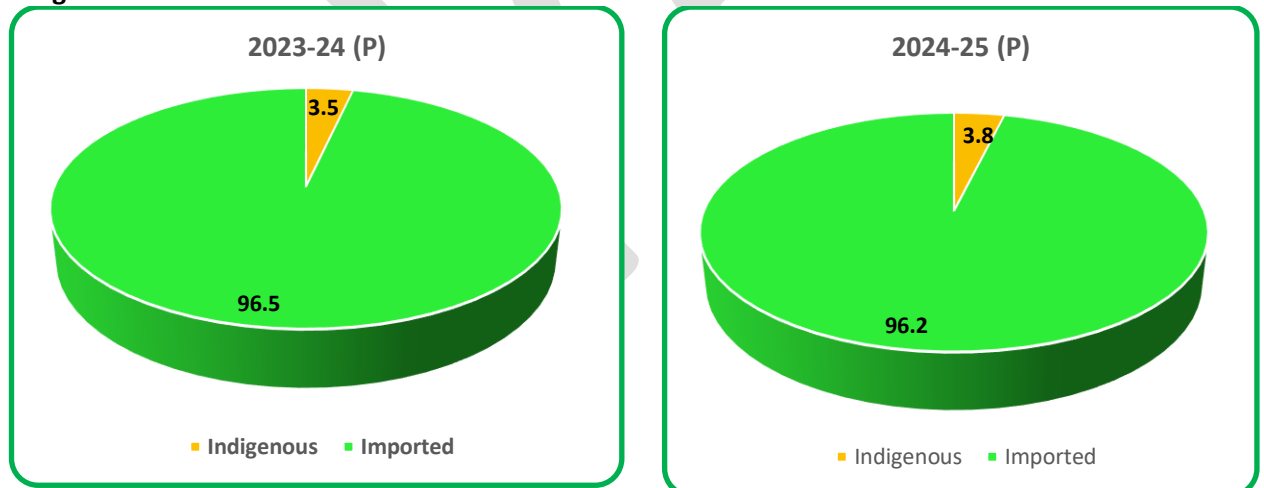


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - August



	2023 - 24 (P)	August		April – August	
		2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
					Qty. in MMT
High Sulphur crude (HS)	205.2	16.6	16.5	85.0	86.6
Low Sulphur crude (LS)	56.3	5.3	5.0	24.5	24.4
Total crude processed	261.5	21.9	21.5	109.5	110.9
% Share of HS crude in total crude processed	78.5%	76.0%	76.6%	77.6%	78.0%

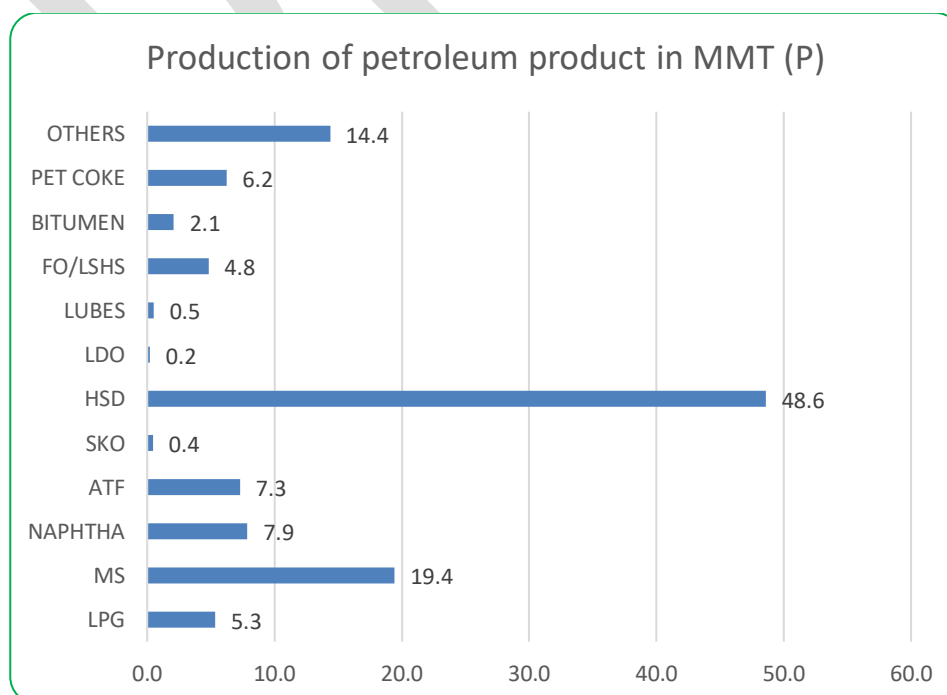
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during August 2024^(P) are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	August 2024 ^(P)
LPG	1047
Naphtha	1483
MS	3985
ATF	1419
SKO	101
HSD	9132
LDO	48
Lubes	106
FO	999
LSHS	26
Bitumen	208
RPC(Pet-coke)	1244
Others	2888
Total	22687

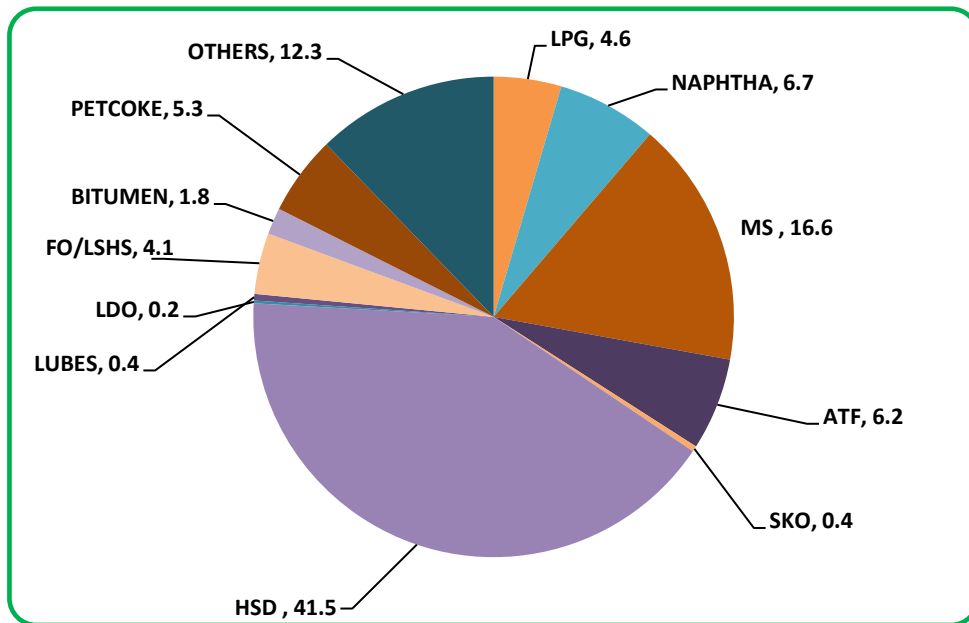
Note: (P): Provisional. Source: Oil Companies, Total may not tally due to rounding off.
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformat, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum 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-August FY 2024-25^(P)



The percentage share of various products in total POL production during April - August FY 2024-25 is shown below:

Figure-6; Percentage share of products in total POL production: April-August 2024-25 ^(P)



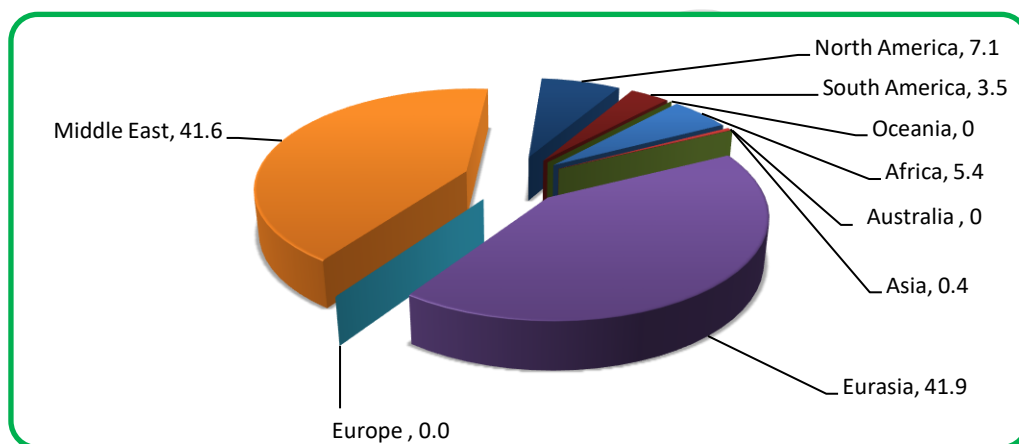
Part B: Import /Export

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	August 2024 ^(P)	April to August FY 2024-25 ^(P)
Crude Oil	19910	101639

Figure 7: Region wise percentage share (%) of crude oil during April to August FY 2024-25 (P)



- Crude oil imports increased by 6.4% and 3.3% during August 2024 and April-August FY 2024-25 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 47.7% of total imports during April-August FY 2024-25 as compared to 46.5% during April-August FY 2023-24.

5.b Import Petroleum Products

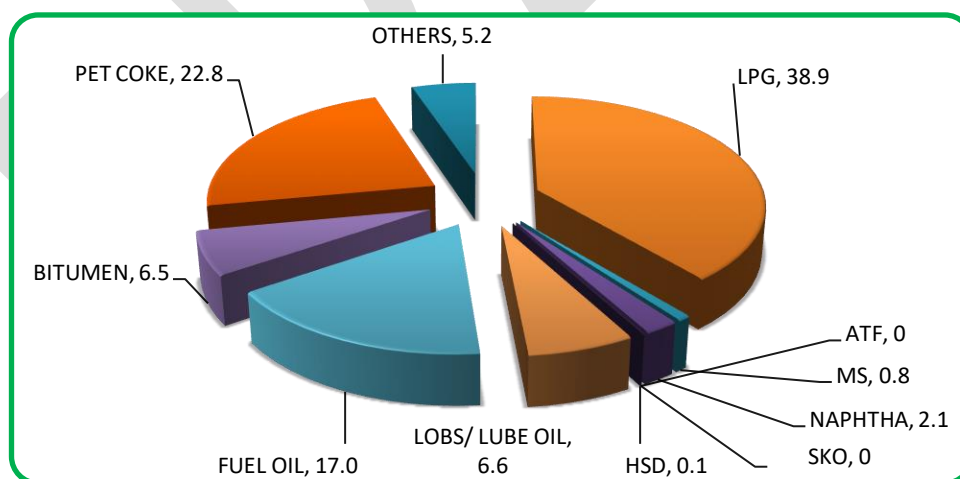
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	August 2024 ^(P)	April to August FY 2024-25 ^(P)
LPG	1763	8160
MS/ Petrol	0.001	171
NAPHTHA	151	444
ATF	0.001	0.005
SKO	0	0
HSD	4	19
LOBS/LUBE OIL	232	1377
FUEL OIL	660	3564
BITUMEN	255	1363
PETCOKE	949	4778
OTHERS [§]	281	1086
TOTAL IMPORTS	4294	20961

Notes: (P): Provisional. Source: Oil Companies & DGCI. Total may not tally due to rounding off.
 # Private imports are prorated for the period July-2024 to August-2024 on the basis of actual data received from DGCI for the period July-2023 to June-2024

§ 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 to August FY 2024-25 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 45.5% share of total POL products import during April-August FY 2024-25 as compared to 39.9% during April- August FY 2023-24.
- Import of petcoke accounted for 22.8% of the total POL imports during April-August FY 2024-25. The entire quantity was imported by private importers.

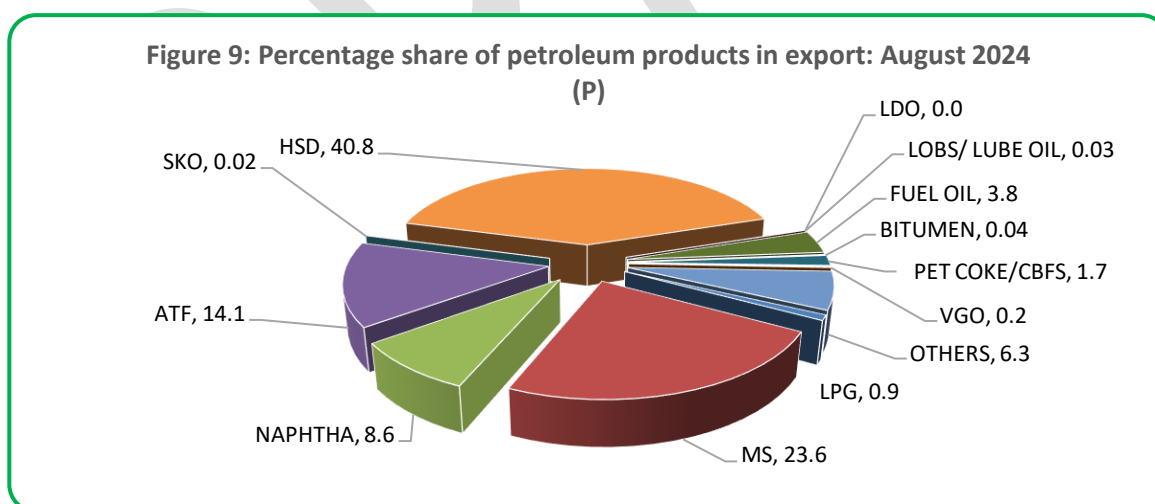
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	August 2024 ^(P)	April to August FY 2024-25 ^(P)
LPG	44	222
MS	1177	5937
Naphtha	377	2155
ATF	702	3554
SKO	1	5
HSD	2099	10263
LDO	0	0
LOBS/LUBE OIL	1	7
FUEL OIL	260	946
BITUMEN	1	10
PETCOKE	56	427
VGO	0	39
OTHERS [#]	309	1584
TOTAL EXPORT	5026	25151

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 to August FY 2024-25 (P)



- Exports of POL products decreased by 13.7% and 2.8% during August 2024 and April-August FY 2024-25 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-August FY 2024-25 were mainly due to decrease in exports of high-speed diesel (HSD), vacuum gas oil (VGO) and motor spirit (MS) etc.