

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

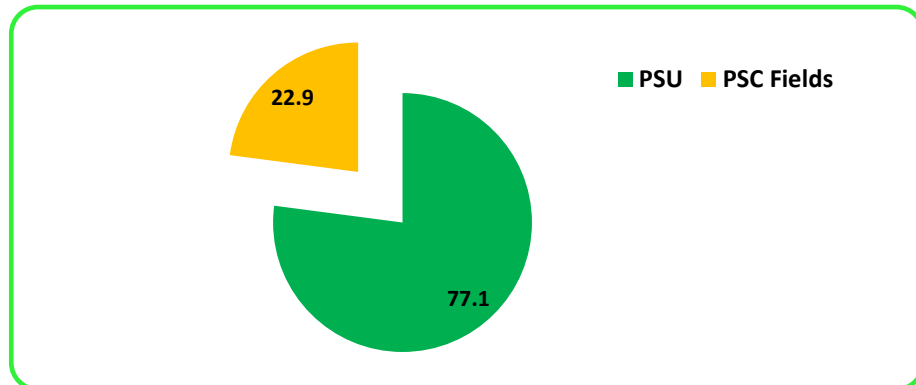
- Indigenous crude oil and condensate production during September 2024 was 2.3 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.5 MMT whereas PSC/RSC registered production of 0.5 MMT during September 2024. There is a de-growth of 4% in crude oil and condensate production during September 2024 as compared with the corresponding period of the previous year.
- Total Crude oil processed during September 2024 was 21.3 MMT which is 4.4 % higher than September 2023, where PSU/JV refiners processed 14 MMT and private refiners processed 7.3 MMT of crude oil. Total indigenous crude oil processed was 2.1 MMT and total imported crude oil processed was 19.2 MMT by all Indian refineries (PSU+JV+PVT). However, there was a growth of 1.8 % in total crude oil processed in April-September FY 2024 – 25 as compared to same period of FY 2023 – 24.
- Production of petroleum products was 22.7 MMT during September 2024, which is 5.8 % higher than September 2023. Out of 22.7 MMT, 22.4 MMT was from refinery production & 0.3 MMT was from fractionator. Out of total POL production, in September 2024, share of major products including HSD is 39.4 %, MS 17 %, Naphtha 6.4 %, ATF 6.7 %, Pet Coke 5 %, LPG 4.4%, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports increased by 6.0% and 3.9% during September 2024 and April-September FY 2024-25 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 2.9% and 10.3% during September 2024 and April-September FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-September FY 2024-25 were mainly due to an increase in imports of liquified petroleum gas (LPG), petcoke and lubes/LOBS etc.
- Exports of POL products increased by 34.9% and 3.3% during September 2024 and April-September FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-September FY 2024-25 were mainly due to increase in exports of petcoke/CBFS, fuel (FO) and aviation turbine fuel (ATF) etc.

Part A: Production

2. Indigenous crude oil and condensate production

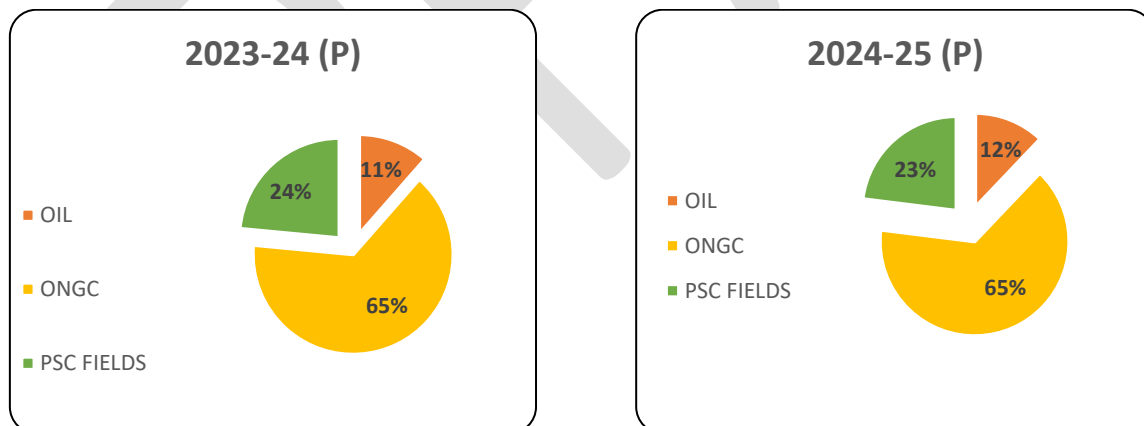
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April-September FY 2024-25 (P) is shown in figure-1 below:

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



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

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



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

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

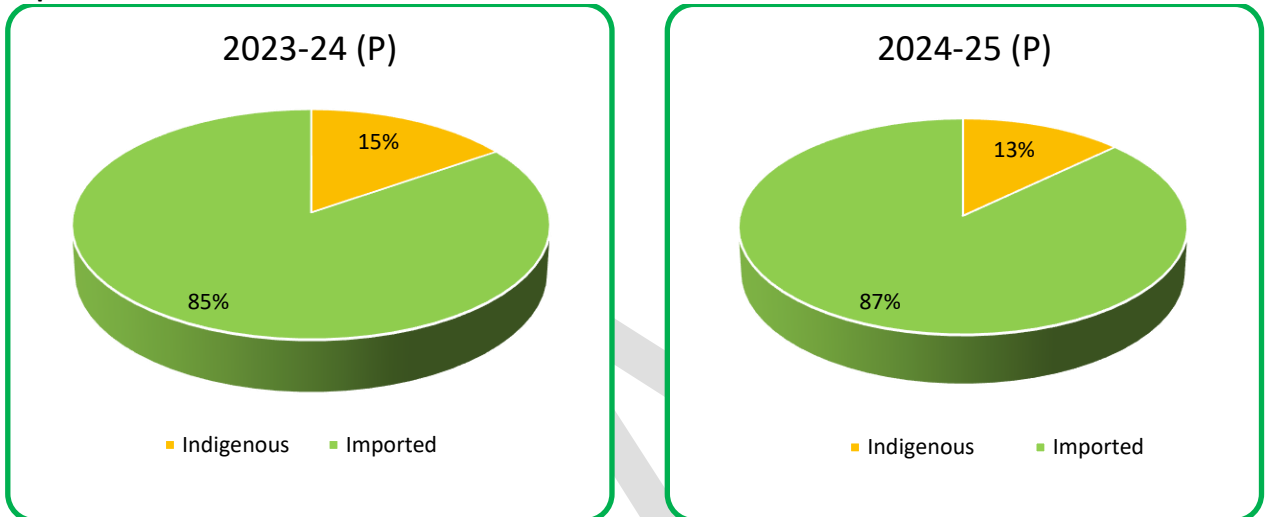
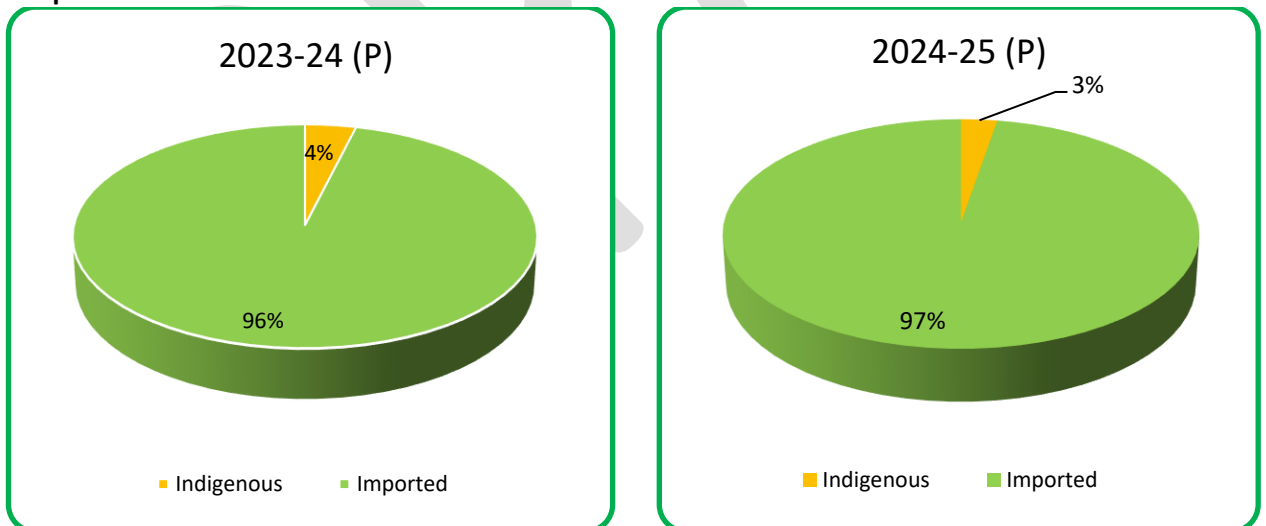


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - September



	2023 - 24 (P)	September		April – September	
		2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
				Qty. in MMT	
High Sulphur crude (HS)	205.2	15.1	16.4	97.4	103.3
Low Sulphur crude (LS)	56.3	5.2	4.8	32.4	28.9
Total crude processed	261.5	20.3	21.3	129.8	132.1
% Share of HS crude in total crude processed	78.5%	74.4%	77.6%	75.0%	78.1%

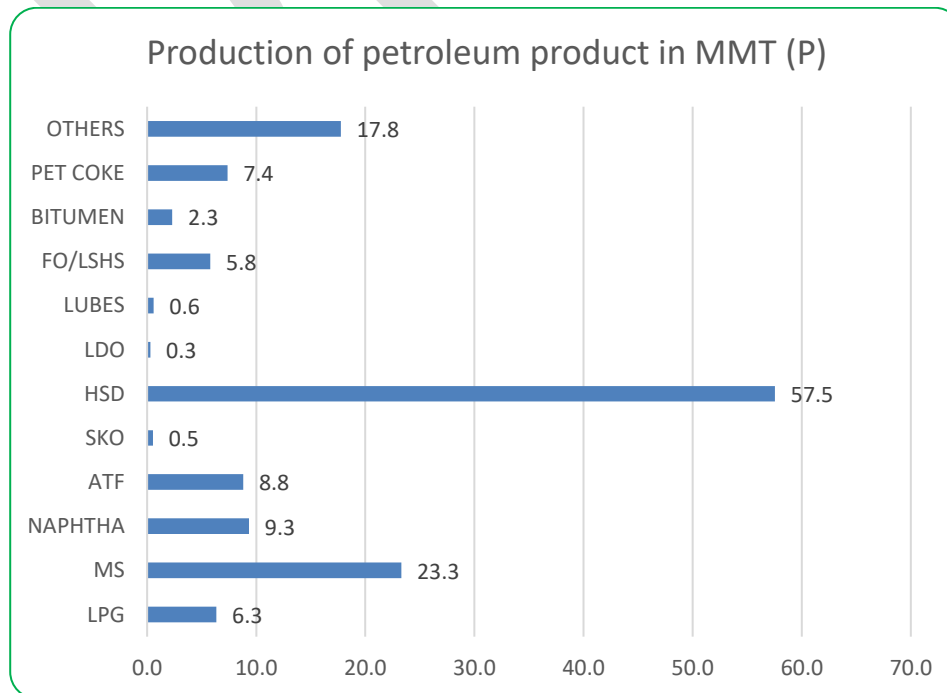
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	September 2024 ^(P)
LPG	1000
Naphtha	1460
MS	3854
ATF	1518
SKO	75
HSD	8956
LDO	80
Lubes	89
FO	941
LSHS	40
Bitumen	210
RPC(Pet-coke)	1131
Others	3373
Total	22727

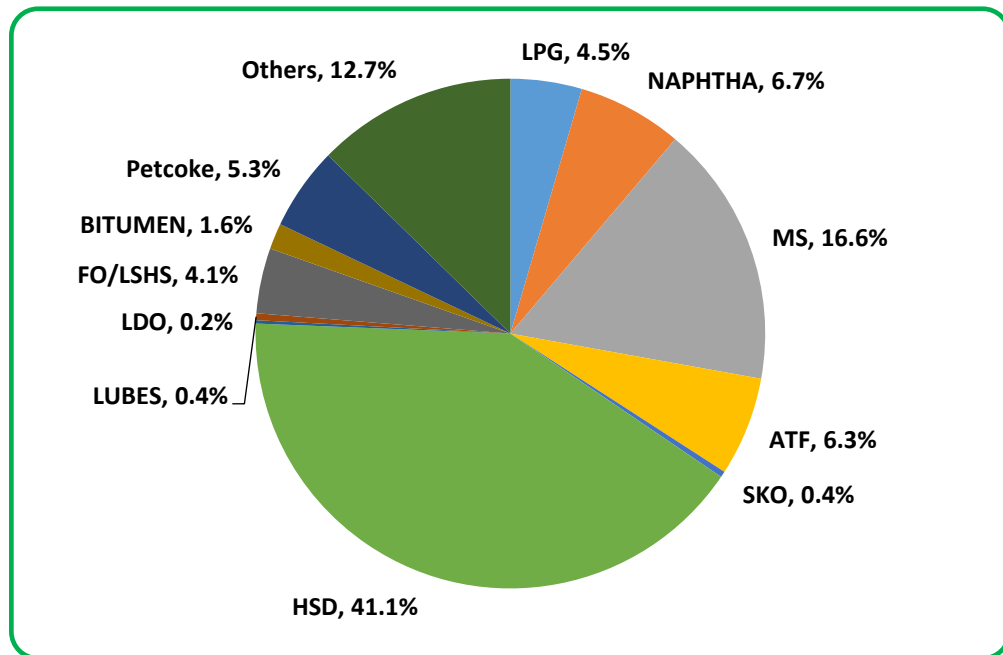
Note: (P): Provisional. Source: Oil Companies, Total may not tally due to rounding off.
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformat, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum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



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

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



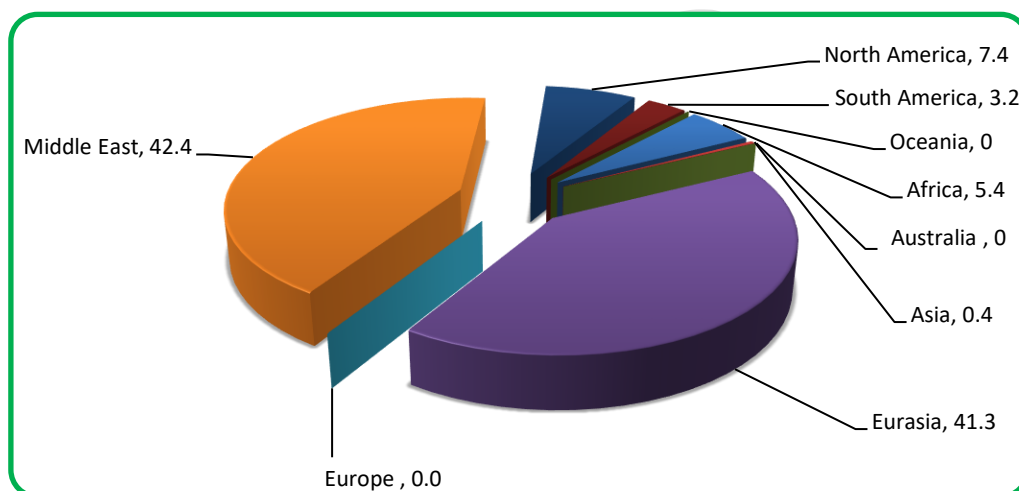
Part B: Import /Export

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	September 2024 ^(P)	April to September FY 2024-25 ^(P)
Crude Oil	18557	120425

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



- Crude oil imports increased by 6.0% and 3.9% during September 2024 and April-September FY 2024-25 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 48.4% of total imports during April-September FY 2024-25 as compared to 47.2% during April-September FY 2023-24.

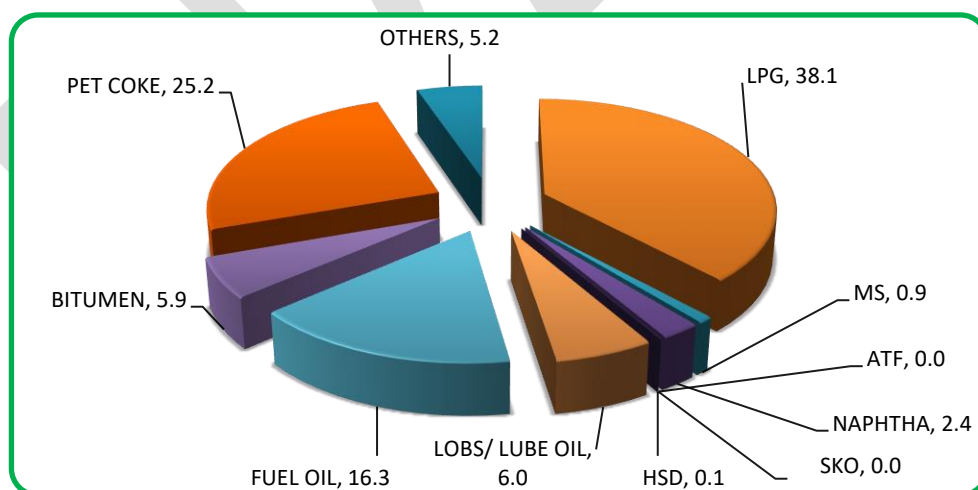
5.b Import Petroleum Products

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

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	September 2024 ^(P)	April to September FY 2024-25 ^(P)
LPG	1640	9816
MS/ Petrol	64	235
NAPHTHA	99	623
ATF	0.001	0.009
SKO	0	0
HSD	4	21
LOBS/LUBE OIL	223	1540
FUEL OIL	651	4189
BITUMEN	249	1508
PETCOKE	1013	6494
OTHERS [§]	232	1342
TOTAL IMPORTS	4174	25767

Notes: (P): Provisional. Source: Oil Companies & DGCI. Total may not tally due to rounding off.
 # Private imports are prorated for the period August-2024 to September-2024 on the basis of actual data received from DGCI for the period August-2023 to July-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 September FY 2024-25 (P)



- Imports made due to a deficit in production viz. LPG and Lubes/LOBS accounted for 44.1% share of total POL products import during April-September FY 2024-25 as compared to 40.7% during April-September FY 2023-24.
- Imports of petcoke accounted for 25.2% of the total POL imports during April-September FY 2024-25. The entire quantity was imported by private importers.

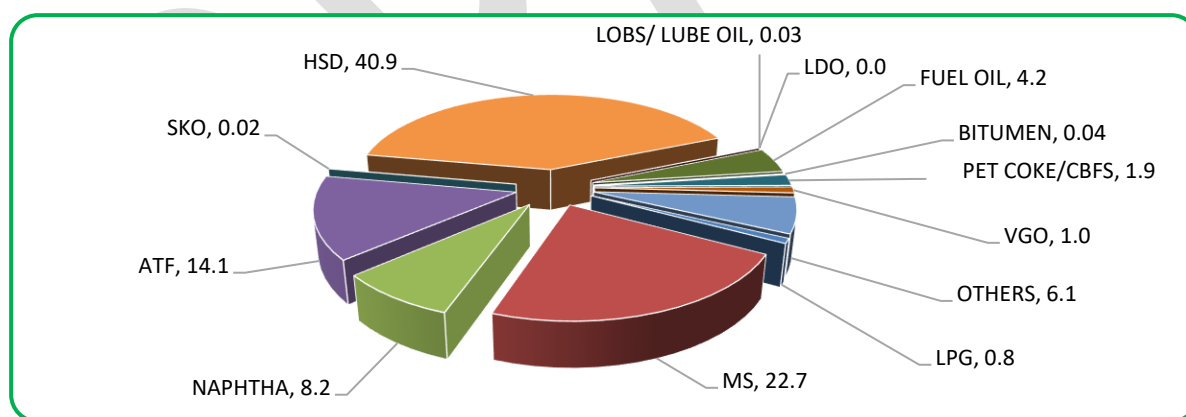
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	September 2024 ^(P)	April to September FY 2024-25 ^(P)
LPG	41	263
MS	1245	7182
Naphtha	415	2611
ATF	924	4479
SKO	1	6
HSD	2694	12958
LDO	0	0
LOBS/LUBE OIL	2	9
FUEL OIL	375	1343
BITUMEN	3	13
PETCOKE	168	595
VGO	279	319
OTHERS [#]	338	1923
TOTAL EXPORT	6486	31701

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 September FY 2024-25 (P)



- Exports of POL products increased by 34.9% and 3.3% during September 2024 and April-September FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-September FY 2024-25 were mainly due to increase in exports of petcoke/CBFS, fuel (FO) and aviation turbine fuel (ATF) etc.