

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

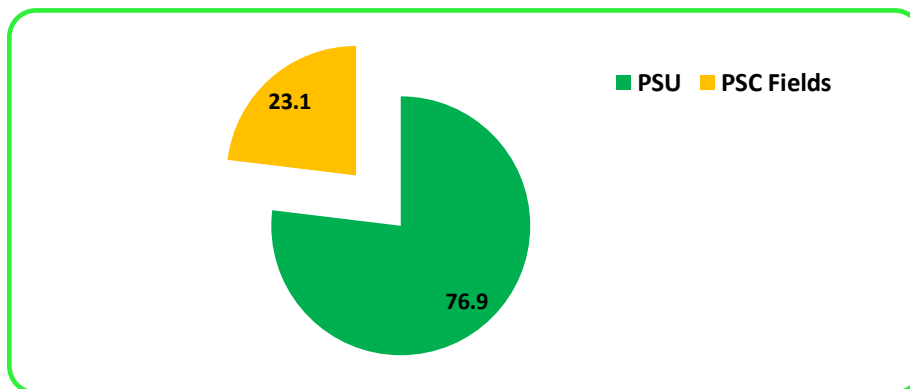
- Indigenous crude oil and condensate production during July 2024 was 2.4 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.5 MMT during July 2024. There is a degrowth of 2.9 % in crude oil and condensate production during July 2024 as compared to July 2023.
- Total Crude oil processed during July 2024 was 22.6 MMT which is 3.2% higher than July 2023, where PSU/JV refiners processed 15.3 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 20.5 by all Indian refineries (PSU+JV+PVT). There was a growth of 2.1 % in total crude oil processed in April-July FY 2024 – 25 as compared to same period of FY 2023 – 24.
- Production of petroleum products was 24.4 MMT during July 2024 which is 7.1% higher than July 2023. Out of 24.4 MMT, 24.1 MMT was from refinery production & 0.3 MMT was from fractionator. There was a growth of 2.5 % in production of petroleum products in April-July FY 2024 – 25 as compared to same period of FY 2023 – 24. Out of total POL production, in July 2024, share of major products including HSD is 42.4 %, MS 15.7 %, Naphtha 7.3 %, ATF 6.1 %, Pet Coke 5.3 %, LPG 4.5%, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports decreased by 0.7% and increased by 2.5% during July 2024 and April-July 2024 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 15.5% and 11.8% during July 2024 and April-July 2024 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-July 2024 were mainly due to increase in imports of liquified petroleum gas (LPG), petcoke and lubes/LOBS etc.
- Exports of POL products decreased by 4.3% and increased by 0.4% during July 2024 and April-July 2024 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-July 2024 were mainly due to increase in exports of petcoke/CBFS and fuel oil etc.

Part A: Production

2. Indigenous crude oil and condensate production

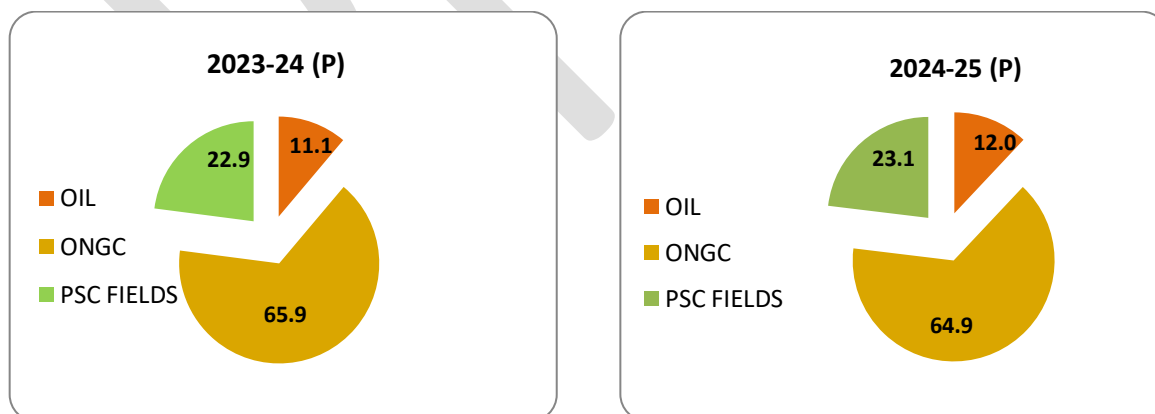
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April-July FY 2024-25 (P) is shown in figure-1 below:

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



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

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

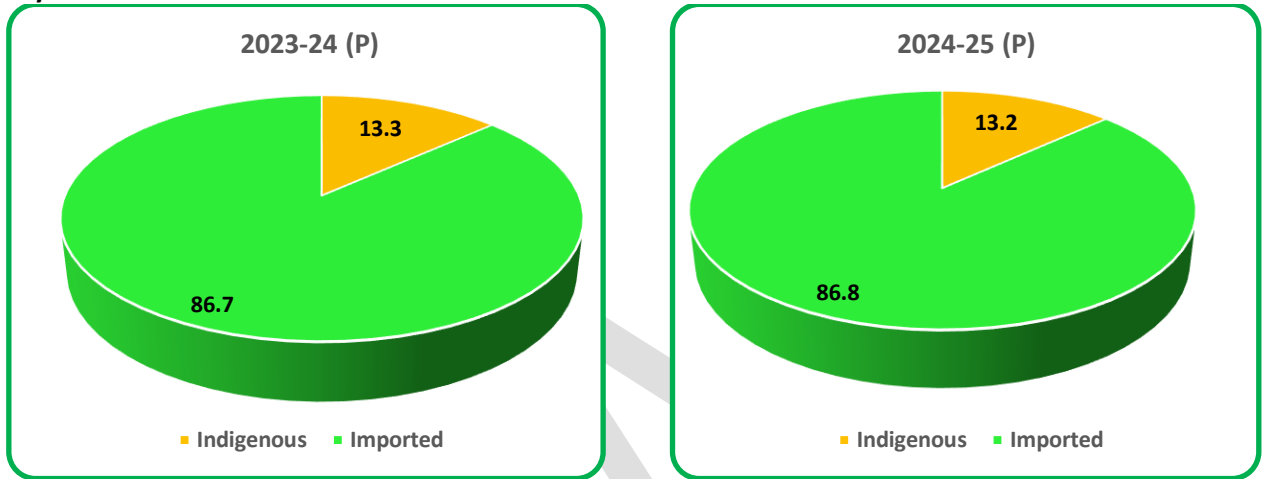
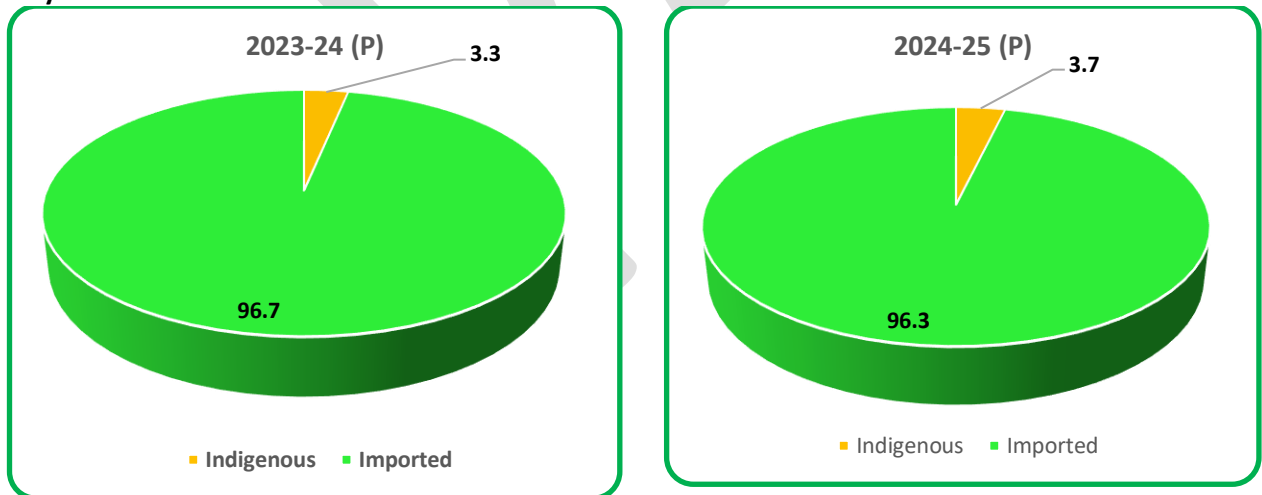


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - July



| | 2023 - 24 (P) | July | | April – July | |
|--|---------------|--------------|--------------|--------------|--------------|
| | | 2023-24 (P) | 2024-25 (P) | 2023-24 (P) | 2024-25 (P) |
| | | | | | Qty. in MMT |
| High Sulphur crude (HS) | 205.3 | 16.9 | 17.6 | 68.4 | 70.1 |
| Low Sulphur crude (LS) | 56.2 | 5.0 | 5.0 | 19.2 | 19.3 |
| Total crude processed | 261.5 | 21.9 | 22.6 | 87.6 | 89.4 |
| % Share of HS crude in total crude processed | 78.5% | 77.3% | 77.7% | 78.0% | 78.4% |

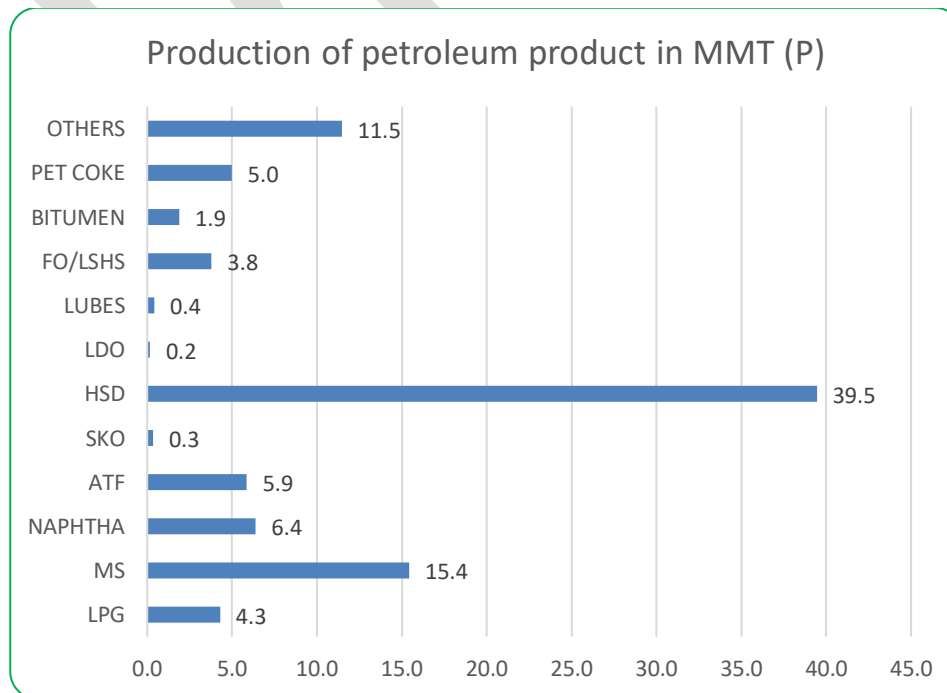
4. Production of Petroleum Products

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

| Table-2; Production of petroleum products | |
|---|--------------------------|
| (Thousand Metric Tonnes) | |
| Products | July 2024 ^(P) |
| LPG | 1097 |
| Naphtha | 1777 |
| MS | 3816 |
| ATF | 1475 |
| SKO | 76 |
| HSD | 10345 |
| LDO | 40 |
| Lubes | 75 |
| FO | 1022 |
| LSHS | 34 |
| Bitumen | 282 |
| RPC(Pet-coke) | 1296 |
| Others | 3051 |
| Total | 24385 |

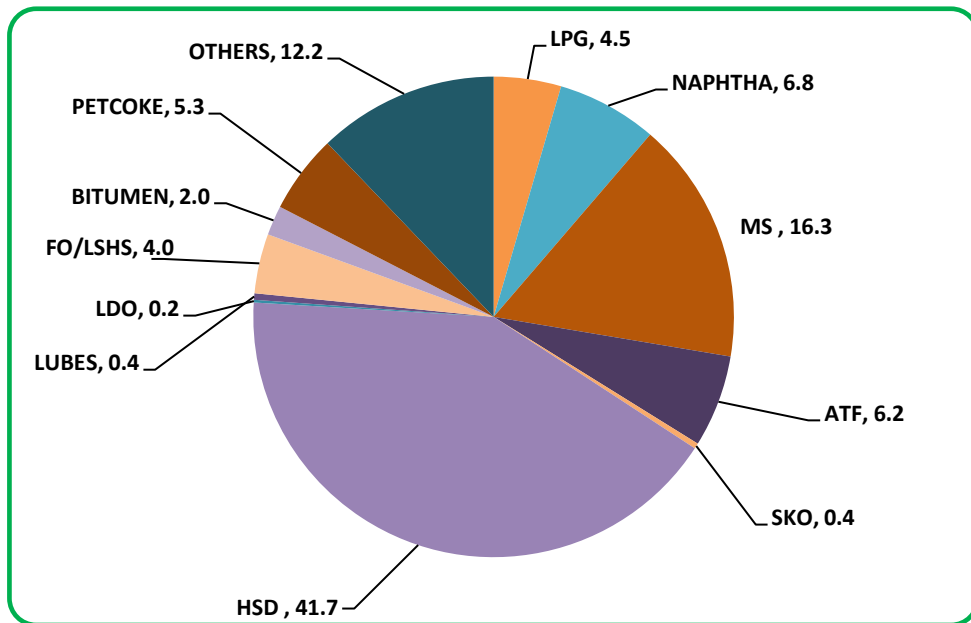
Note: (P): Provisional. Source: Oil Companies, Total July not tally due to rounding off.
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum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



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

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



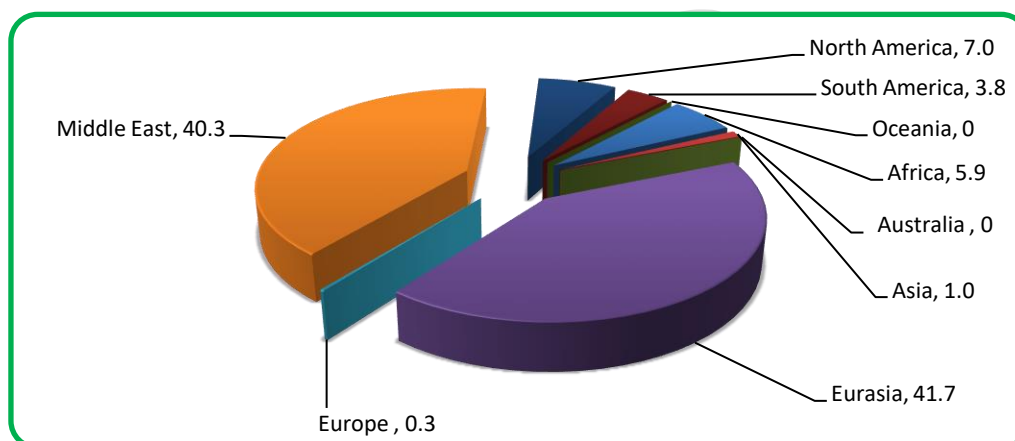
Part B: Import /Export

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 | July 2024 ^(P) | April to July FY 2024-25 ^(P) |
| Crude Oil | 19362 | 81647 |

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



- Crude oil imports decreased by 0.7% and increased by 2.5% during July 2024 and April-July 2024 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 47.2% of total imports during April-July FY 2024-25 as compared to 44.9% during April-July FY 2023-24.

5.b Import Petroleum Products

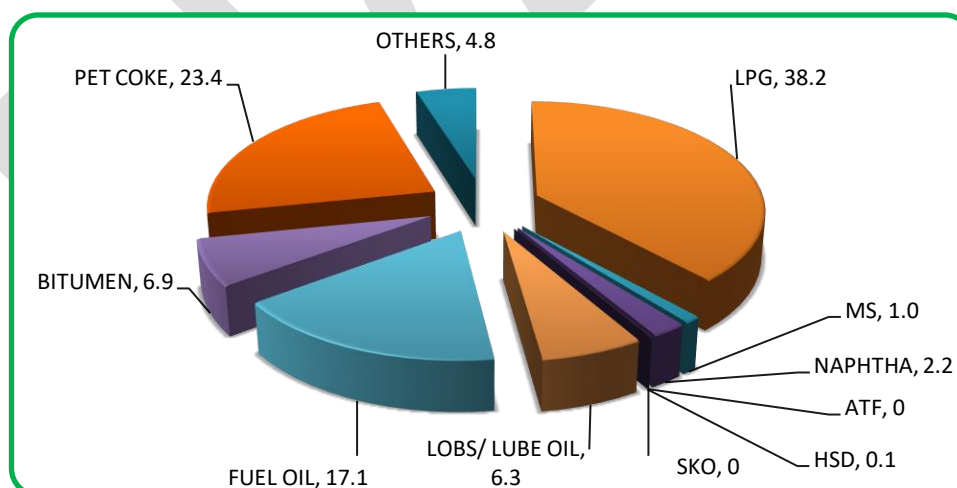
Details of import of petroleum products given in Table-4 below:

| Table-4; Import of Petroleum products | | |
|---------------------------------------|--------------------------|---|
| (Thousand Metric Tonnes) | | |
| Product | July 2024 ^(P) | April to July FY 2024-25 ^(P) |
| LPG | 1805 | 6385 |
| MS/ Petrol | 54 | 171 |
| NAPHTHA | 103 | 362 |
| ATF | 0.001 | 0.005 |
| SKO | 0 | 0 |
| HSD | 4 | 17 |
| LOBS/LUBE OIL | 215 | 1058 |
| FUEL OIL | 837 | 2866 |
| BITUMEN | 258 | 1146 |
| PETCOKE | 937 | 3905 |
| OTHERS [§] | 138 | 809 |
| TOTAL IMPORTS | 4352 | 16719 |

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



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 44.5% share of total POL products import during April-July FY 2024-25 as compared to 39.8% during April-July FY 2023-24.
- Import of petcoke accounted for 23.4% of the total POL imports during April-July FY 2024-25. The entire quantity was imported by private importers.

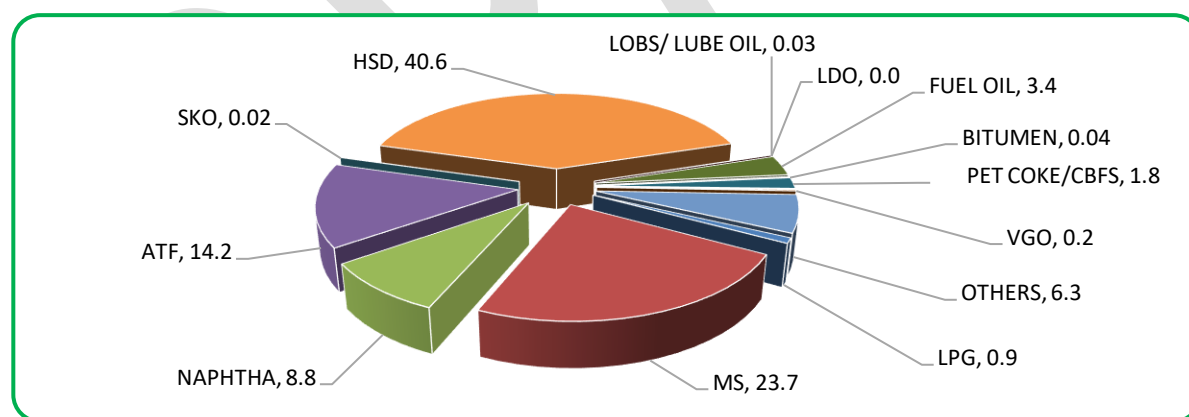
5.c Export of Petroleum Products

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

| Table-5 Export of major Petroleum products | | |
|--|--------------------------|---|
| (Thousand Metric Tonnes) | | |
| Product | July 2024 ^(P) | April to July FY 2024-25 ^(P) |
| LPG | 45 | 178 |
| MS | 1065 | 4760 |
| Naphtha | 458 | 1778 |
| ATF | 719 | 2853 |
| SKO | 1 | 4 |
| HSD | 2082 | 8165 |
| LDO | 0 | 0 |
| LOBS/LUBE OIL | 2 | 6 |
| FUEL OIL | 277 | 686 |
| BITUMEN | 2 | 9 |
| PETCOKE | 104 | 372 |
| VGO | 0 | 39 |
| OTHERS [#] | 371 | 1275 |
| TOTAL EXPORT | 5125 | 20124 |

Note: (P): Provisional. Source: Oil Companies. Total July 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 July FY 2024-25 (P)



- Exports of POL products decreased by 4.3% and increased by 0.4% during July 2024 and April-July 2024 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-July 2024 were mainly due to increase in exports of petcoke/CBFS and fuel oil etc.