

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

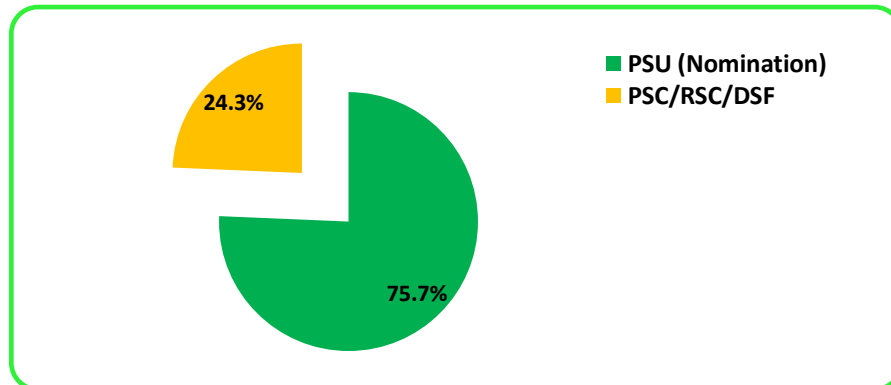
- Indigenous crude oil and condensate production during December 2024 was 2.5 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.6 MMT during December 2024. There is a growth of 0.6 % in crude oil and condensate production during December 2024 as compared with the corresponding period of the previous year.
- Total Crude oil processed during December 2024 was 23.9 MMT which is 5.2 % higher than December 2023, where PSU/JV refiners processed 16.3 MMT and private refiners processed 7.5 MMT of crude oil. Total indigenous crude oil processed was 2.1 MMT and total Imported crude oil processed was 21.8 by all Indian refineries (PSU+JV+PVT). There was a growth of 2.2 % in total crude oil processed in April-December in the current Financial Year as compared to same period of previous Financial Year.
- Production of petroleum products was 25.3 MMT during December 2024 which is 2.9% higher than December 2023. Out of 25.3 MMT, 24.9 MMT was from refinery production & 0.3 MMT was from fractionator. There was a growth of 2.8 % in production of petroleum products in April-December FY 2024 – 25 as compared to same period of FY 2023 – 24. Out of total POL production, in December 2024, share of major products including HSD is 41.8 %, MS 17.3 %, Naphtha 6.2 %, ATF 6.6 %, Pet Coke 5.2 %, LPG 4.5 %, and rest is shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports increased by 1.5% and 3.3% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 4.3% and 6.9% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-December FY 2024-25 were mainly due to increase in imports of liquified petroleum gas (LPG) and petcoke etc.
- Exports of POL products decreased by 1.5% and increased by 2.3% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-December FY 2024-25 were mainly on account of increase in exports of motor-spirit (MS), petcoke/CBFS and aviation turbine fuel (ATF) etc

Part A: Production

2. Indigenous crude oil and condensate production

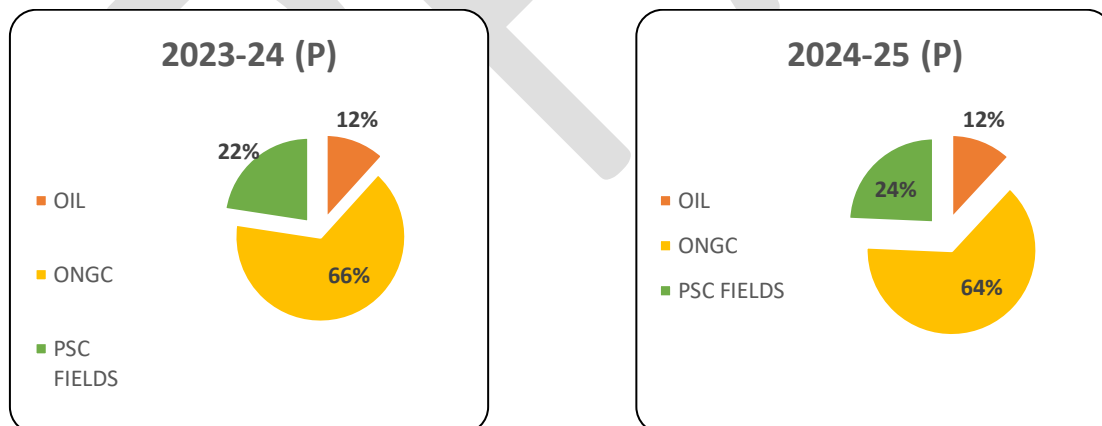
- The percentage share of PSU upstream companies through Nomination Blocks and PSC, RSC and DSF fields in overall crude oil and condensate production during April-December FY 2024-25 (P) is shown in figure-1 below:

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



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

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



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

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

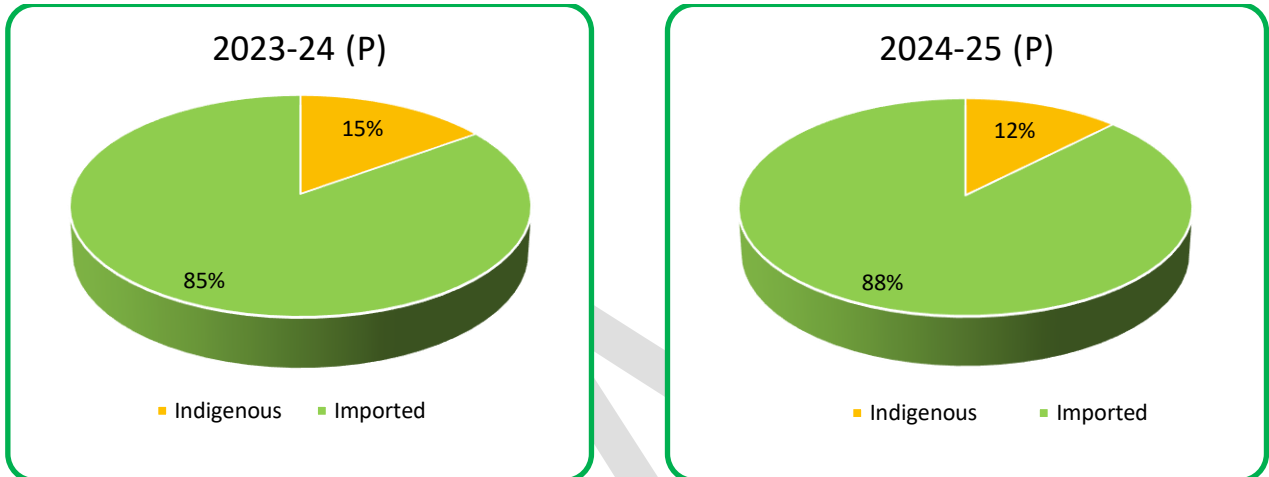
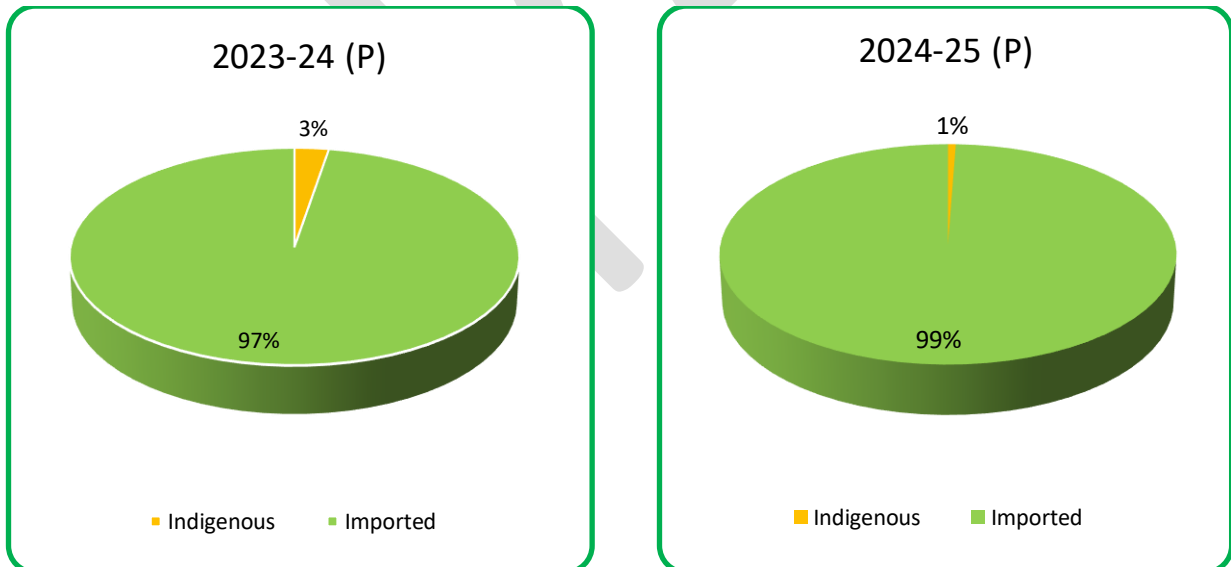


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - December



	2023 - 24 (P)	December		April – December	
		2023-24 (P)	2024-25 (P)	2023-24 (P)	2024-25 (P)
					Qty. in MMT
High Sulphur crude (HS)	205.2	18.0	19.4	151.7	156.1
Low Sulphur crude (LS)	56.3	4.7	4.5	43.1	42.8
Total crude processed	261.5	22.7	23.9	194.7	198.9
% Share of HS crude in total crude processed	78.5%	79.4%	81.3%	77.9%	78.5%

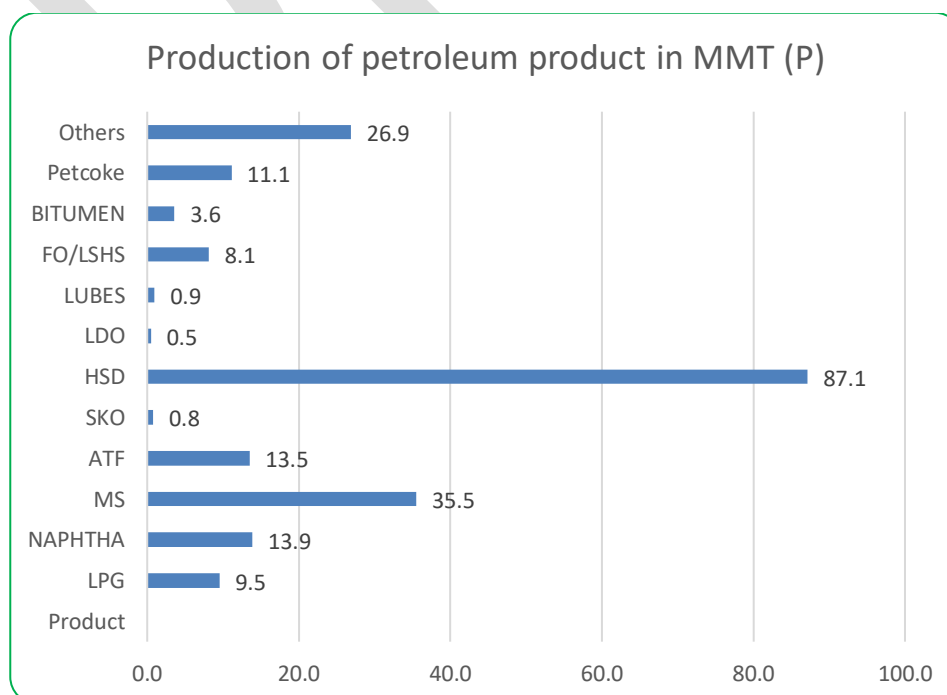
4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	December 2024 ^(P)
LPG	1125
Naphtha	1563
MS	4378
ATF	1660
SKO	87
HSD	10545
LDO	57
Lubes	129
FO	699
LSHS	44
Bitumen	571
RPC(Pet-coke)	1312
Others	3084
Total	25254

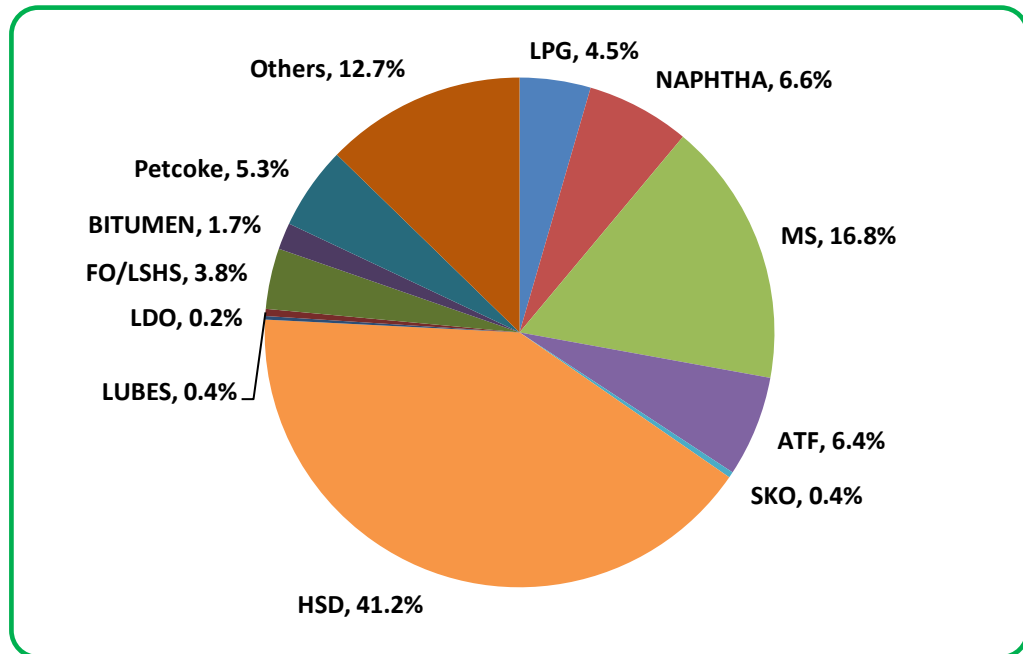
Note: (P): Provisional. Source: Oil Companies, Total may not tally due to rounding off.
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformat, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum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



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

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



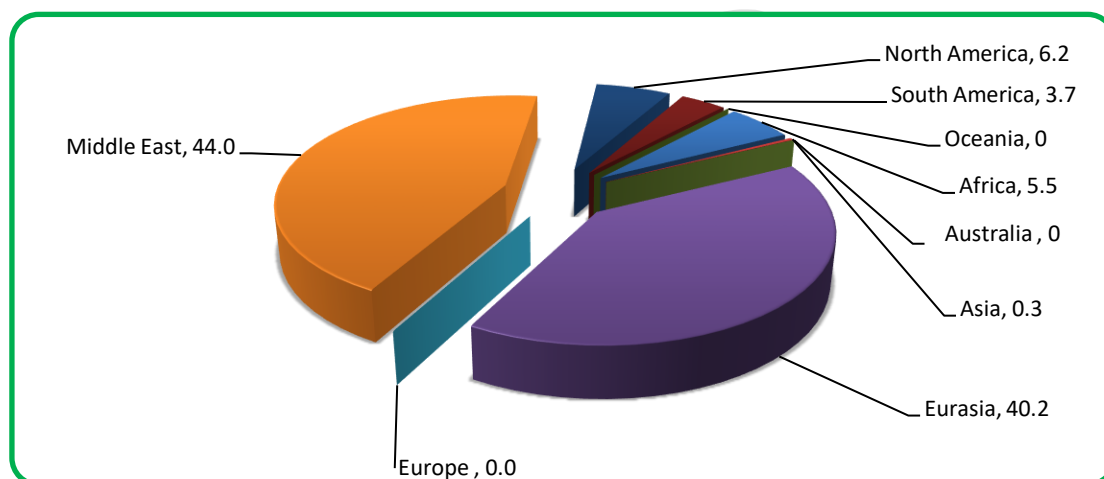
Part B: Import /Export

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	December 2024 ^(P)	April to December FY 2024-25 ^(P)
Crude Oil	19985	179424

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



- Crude oil imports increased by 1.5% and 3.3% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries increased to 47.5% of total imports during April-December FY 2024-25 as compared to 47.3% during April-December FY 2023-24.

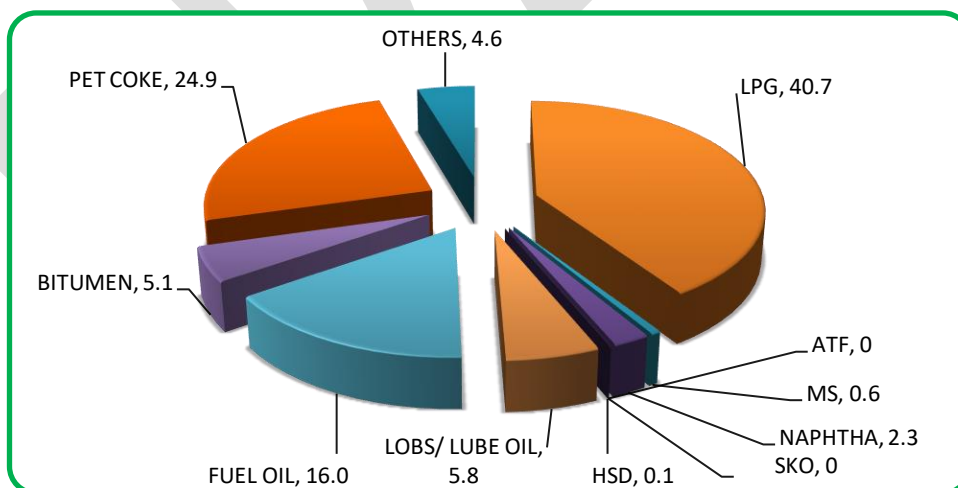
5.b Import Petroleum Products

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

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	December 2024 ^(P)	April to December FY 2024-25 ^(P)
LPG	1863	15656
MS/ Petrol	0.001	235
NAPHTHA	112	875
ATF	0.001	0.017
SKO	0	0
HSD	4	32
LOBS/LUBE OIL	227	2217
FUEL OIL	625	6148
BITUMEN	238	1968
PETCOKE	1045	9570
OTHERS [§]	155	1767
TOTAL IMPORTS	4268	38467

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



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 46.5% share of total POL products import during April-December FY 2024-25 as compared to 42.7% during April-December FY 2023-24.
- Import of petcoke accounted for 24.9% of the total POL imports during April-December FY 2024-25. The entire quantity was imported by private importers.

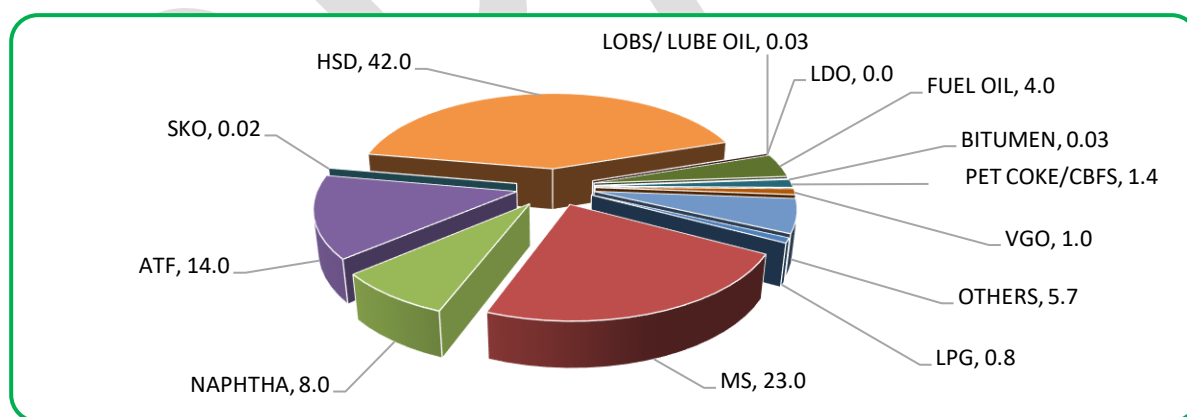
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	December 2024 ^(P)	April to December FY 2024-25 ^(P)
LPG	49	403
MS	1473	11013
Naphtha	425	3811
ATF	838	6712
SKO	2	9
HSD	2489	20085
LDO	0	0
LOBS/LUBE OIL	2	13
FUEL OIL	196	1918
BITUMEN	1	16
PETCOKE	2	657
VGO	42	475
OTHERS [#]	236	2739
TOTAL EXPORT	5755	47851

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 exports: April to December FY 2024-25 (P)



- Exports of POL products decreased by 1.5% and increased by 2.3% during December 2024 and April-December FY 2024-25 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-December FY 2024-25 were mainly on account of increase in exports of motor-spirit (MS), petcoke/CBFS and aviation turbine fuel (ATF) etc.