

**MONTHLY REPORT ON INDIGENOUS CRUDE OIL  
PRODUCTION, IMPORT AND PROCESSING**

**&**

**PRODUCTION, IMPORT AND EXPORT OF PETROLEUM  
PRODUCTS**

**June 2020**



**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.

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## Highlights

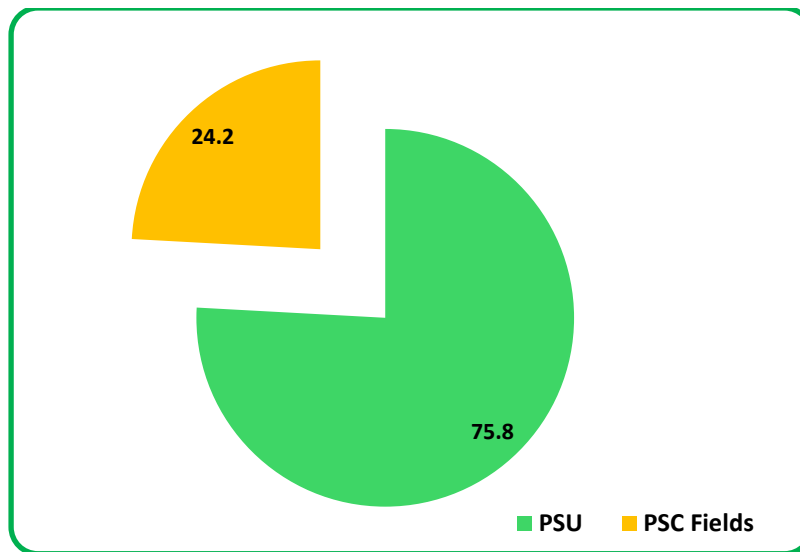
- Indigenous crude oil and condensate production during June 2020 and April – June 2020 was lower by 6% and 6.5% respectively as compared to the corresponding period of the previous year.
- Crude oil processed in refineries during June 2020 was 17.5 MMT, which was 13.6% lower than June 2019. On cumulative basis total crude oil processed was 48.6 MMT which was lower by 22.2% during April – June 2020 as compared to April – June 2019.
- Production of petroleum products saw a de-growth of 8.9% and 18.2% respectively during June 2020 and April – June 2020 over the corresponding period of the previous year.
- Crude oil imports decreased by 18.9% and 19.1% during June 2020 and April - June 2020 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 5.2% during June 2020 whereas decreased by 0.9% during April - June 2020 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April - June 2020 was due to decrease in imports of Petcoke, lubes, high-speed diesel (HSD), motor spirit (MS) and ATF.
- Exports of POL products decreased by 5.9% during June 2020 and increased by 11.5% during April - June 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April - June 2020 was due to increase in exports of high-speed diesel (HSD), LOBS/lube oil, fuel oil and petcoke/CBFS etc.

## Part A: Production

## 2. Indigenous crude oil and condensate production

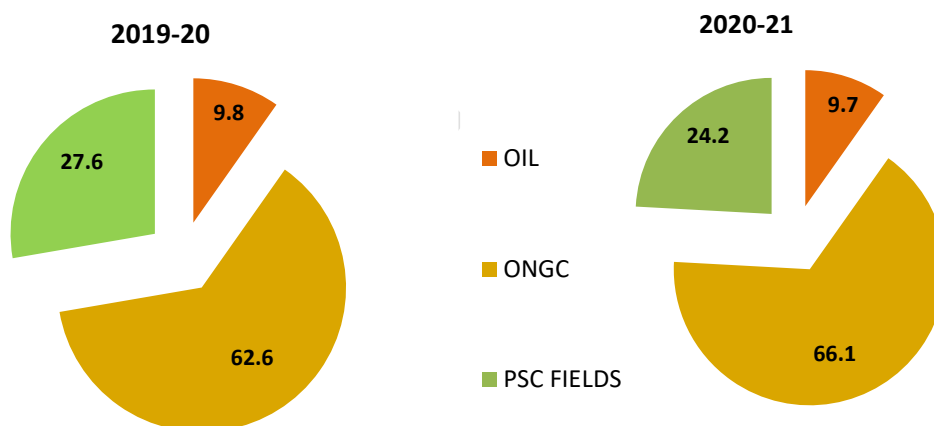
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – June 2020 <sup>(P)</sup> is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – June 2020 <sup>(P)</sup>



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – June 2020 and April – June 2019 is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – June <sup>(P)</sup>



### 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 – June 2020 and April – June 2019 is given below:

Figure-3; Percentage share of Indigenous/imported crude oil processed in PSU/JV refineries in April-June<sup>(P)</sup>

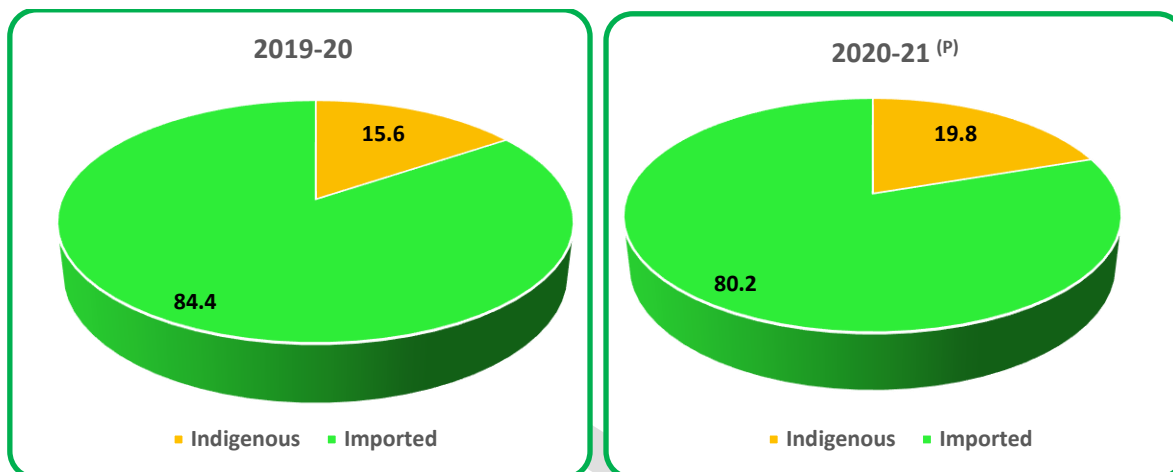


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-June<sup>(P)</sup>

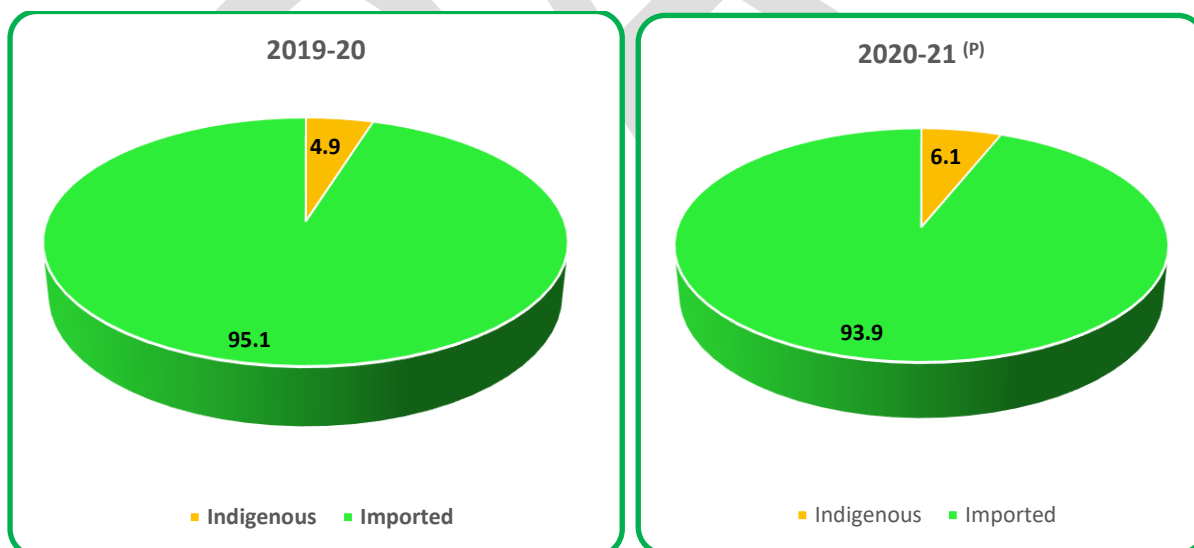


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	June		April – June	
	2019-20	2020-21 <sup>(P)</sup>	2019-20	2020-21 <sup>(P)</sup>
	Qty. in MMT			
High sulphur crude (HS)	14.3	12.7	46.3	35.5
Low sulphur crude (LS)	6.0	4.8	16.2	13.1
Total crude processed	<b>20.3</b>	<b>17.5</b>	<b>62.5</b>	<b>48.6</b>
% share of HS crude in total crude	<b>70.4%</b>	<b>72.7%</b>	<b>74.1%</b>	<b>73.0%</b>

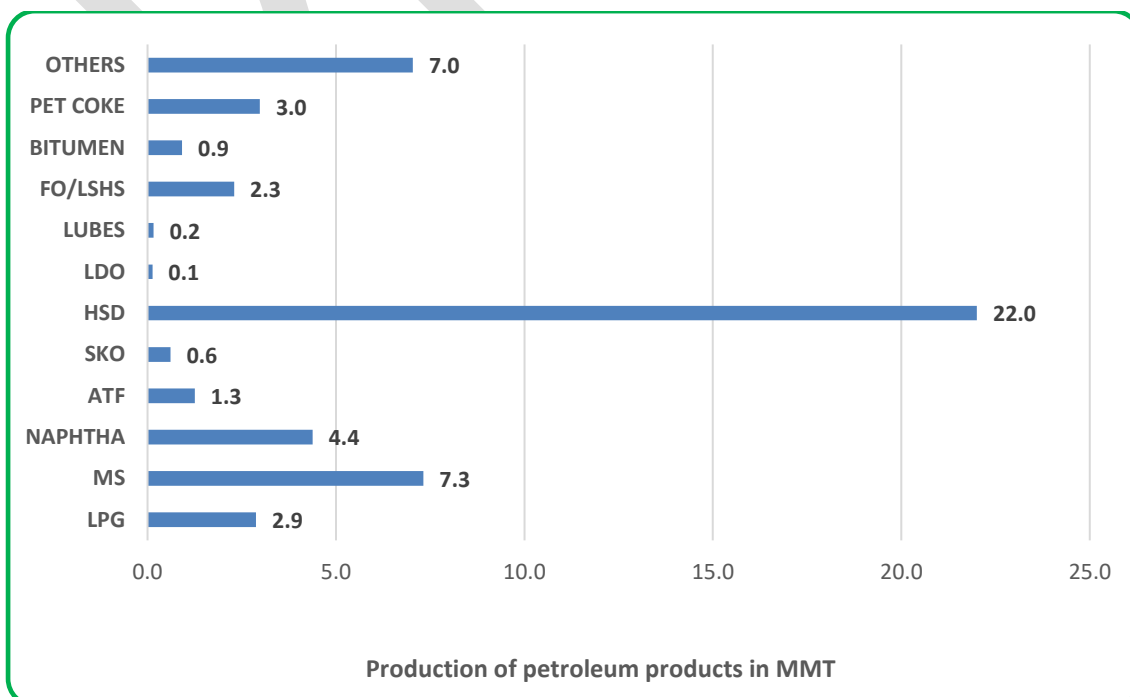
## 4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during June 2020<sup>(P)</sup> are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	June 2020 <sup>(P)</sup>
LPG	962
Naphtha	1430
MS	2873
ATF	359
SKO	227
HSD	8008
LDO	58
Lubes	53
FO	746
LSHS	12
Bitumen	482
RPC(Pet-coke)	982
Others	2532
<b>Total</b>	<b>18725</b>

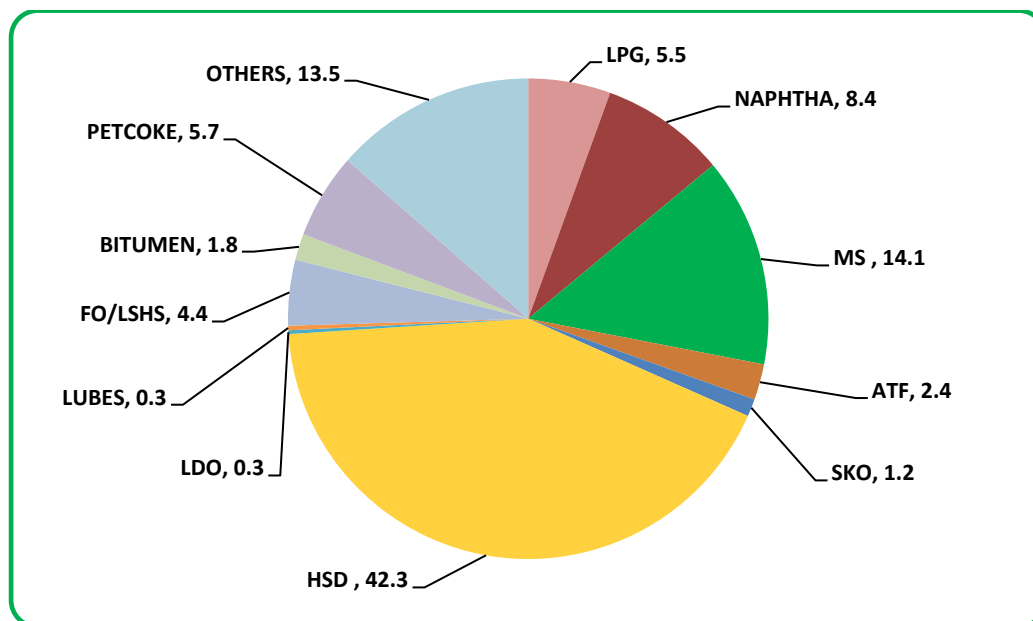
Note: (P): Provisional. Source: Oil Companies  
 \* Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.  
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April – June 2020<sup>(P)</sup>



The percentage share of various products in total POL production during April – June 2020 is shown in figure-6 below:

**Figure-6; Percentage share of POL products in production; April - June 2020<sup>(P)</sup>**



## Part B: Import /Export

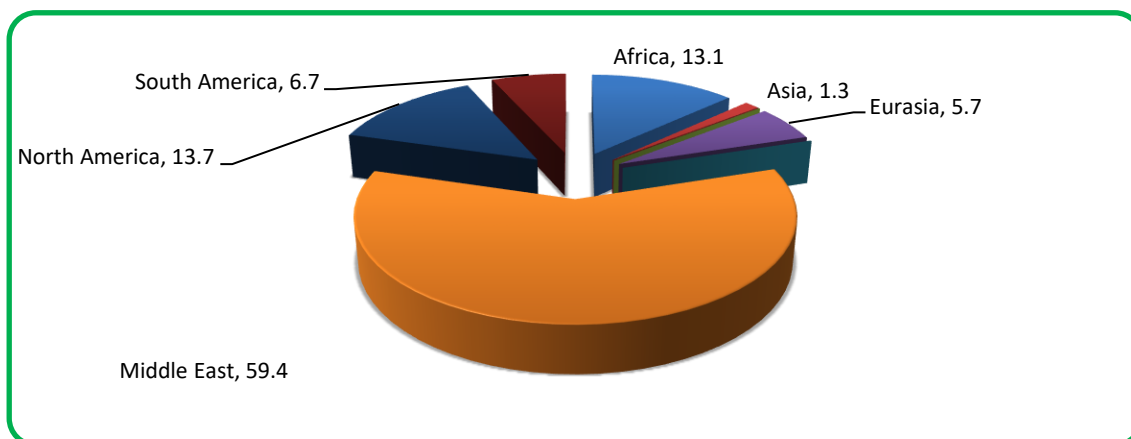


## 5.a Import of Crude oil

Details of import of crude oil given in Table-3 below:

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	June <sup>(P)</sup>	April - June <sup>(P)</sup>
Crude Oil	13677	44836

Figure 7: Region wise percentage share (%) of crude oil during April to June 2020 <sup>(P)</sup>



- Crude oil imports decreased by 18.9% and 19.1% during June 2020 and April - June 2020 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 73.9% of total imports during April to June 2020 as compared to 76.6% during April to June 2019.

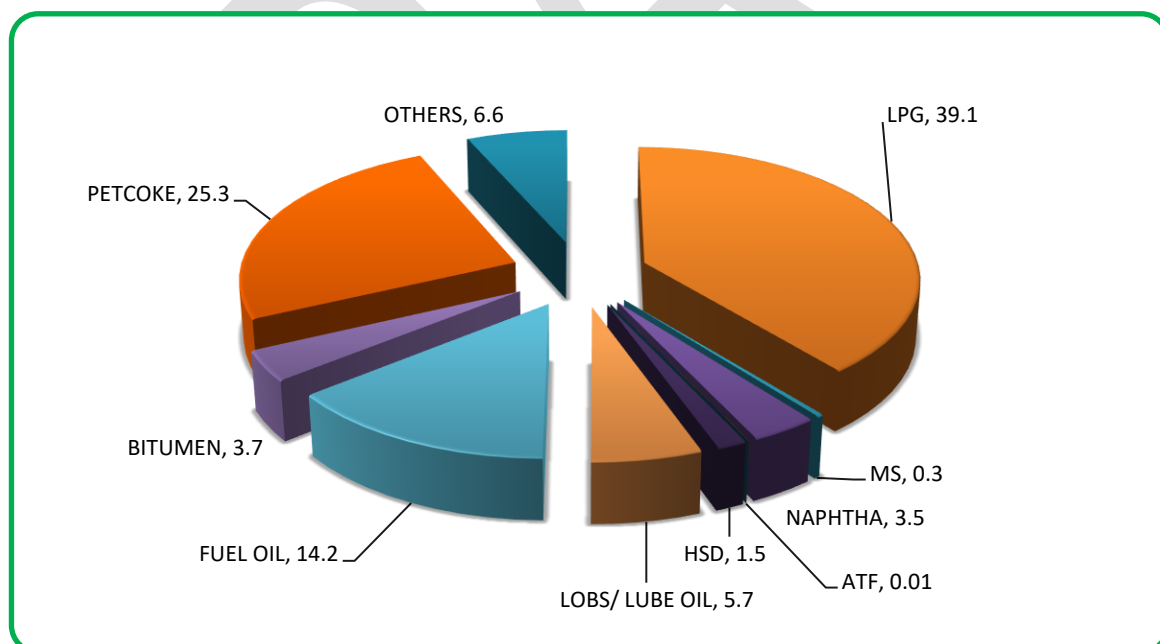
## 5.b Import Petroleum Products

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

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	June <sup>(P)</sup>	April - June <sup>(P)</sup>
LPG	1230	4109
MS/ Petrol	35	35
NAPHTHA	122	367
ATF	0	1
HSD	75	161
LOBS/LUBE OIL	200	600
FUEL OIL	590	1496
BITUMEN	130	391
PETCOKE	888	2664
OTHERS\$	339	697
<b>TOTAL IMPORTS</b>	<b>3611</b>	<b>10522</b>

Notes: (P): Provisional. Source: Oil Companies & DGCIS  
 # April 2020 – June 2020 private import (POL) quantity prorated on the basis of March 2019 – February 2020 actual data provided by DGCIS.  
 \$ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.

**Figure 8: Percentage share of petroleum products in imports: April to June 2020 <sup>(P)</sup>**



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 44.8% share of total POL products import during April – June 2020 as compared to 37% during April – June 2019.
- Import of petcoke accounted for 25.3% of the total POL imports during April – June 2020. entire quantity was imported by private importers and mainly by cement industry.

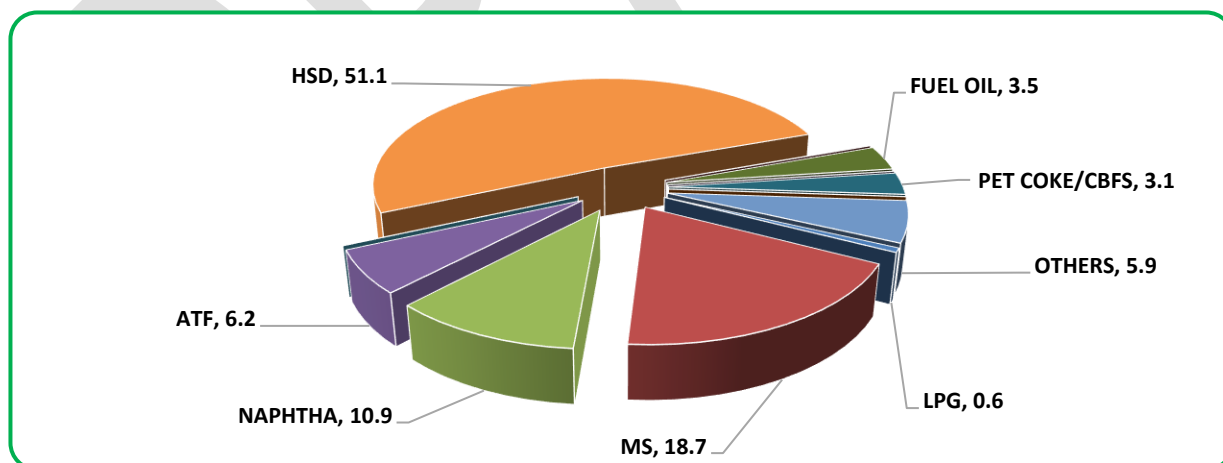
## 5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	June <sup>(P)</sup>	April - June <sup>(P)</sup>
LPG	32	98
MS	985	3026
Naphtha	440	1765
ATF	255	997
SKO	1	1
HSD	2094	8284
LDO	0	0
LOBS/LUBE OIL	5	8
FUEL OIL	137	565
BITUMEN	0	0
PETCOKE	242	508
VGO	0	0
OTHERS <sup>#</sup>	224	950
<b>TOTAL EXPORT</b>	<b>4414</b>	<b>16201</b>

Note: (P): Provisional. Source: Oil Companies  
<sup>#</sup> Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.  
 LPG: Liquified 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 – June 2020<sup>(P)</sup>



- Exports of POL products decreased by 5.9% during June 2020 and increased by 11.5% during April - June 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April - June 2020 was due to increase in exports of high-speed diesel (HSD), LOBS/lube oil, fuel oil and petcoke/CBFS etc.