

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

&

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

August 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.

Highlights

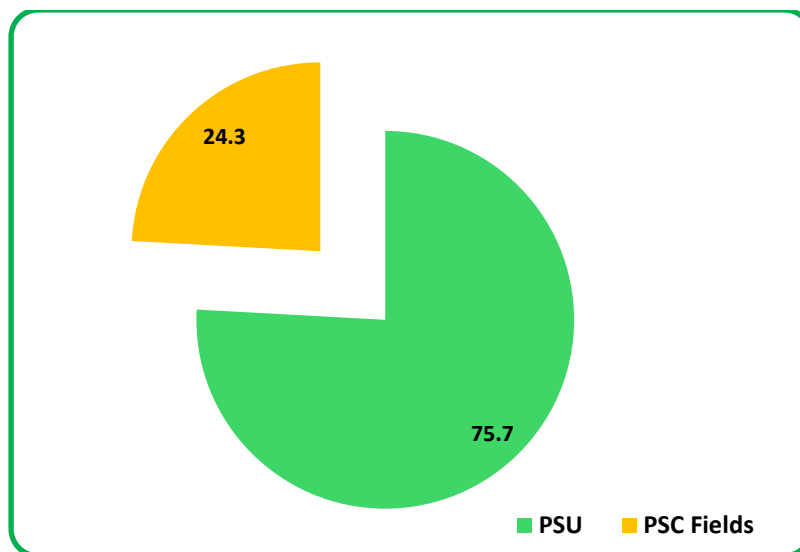
- Indigenous crude oil and condensate production during August 2020 and April – August 2020 was lower by 6.3% and 6.1% respectively as compared to the corresponding period of the previous year.
- Crude oil processed in refineries during August 2020 was 16.1 MMT, which was 26.4% lower than August 2019. On cumulative basis total crude oil processed was 82.5 MMT which was lower by 22.4% during April – August 2020 as compared to April – August 2019.
- Production of petroleum products saw a de-growth of 19.1% and 17.5% respectively during August 2020 and April – August 2020 over the corresponding period of the previous year.
- Crude oil imports decreased by 23.4% and 22.1% during August 2020 and April - August 2020 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 1.5% and 7.4% during August 2020 and April - August 2020 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April - August 2020 was due to increase in imports of fuel Oil (FO), LPG, petcoke and bitumen.
- Exports of POL products decreased by 13.5% and 0.8% during August 2020 and April - August 2020 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April - August 2020 was due to decrease in exports of ATF, naphtha, LPG, motor spirit (MS), VGO and bitumen.

Part A: Production

2. Indigenous crude oil and condensate production

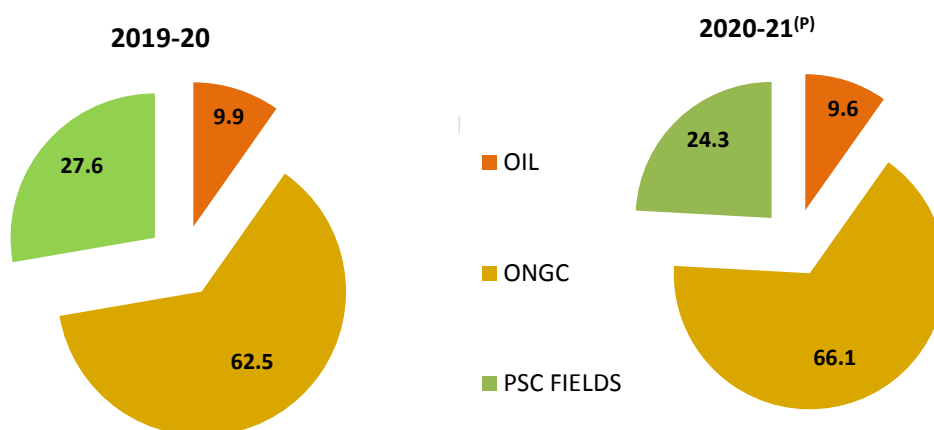
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – August 2020 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – August 2020 ^(P)



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

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

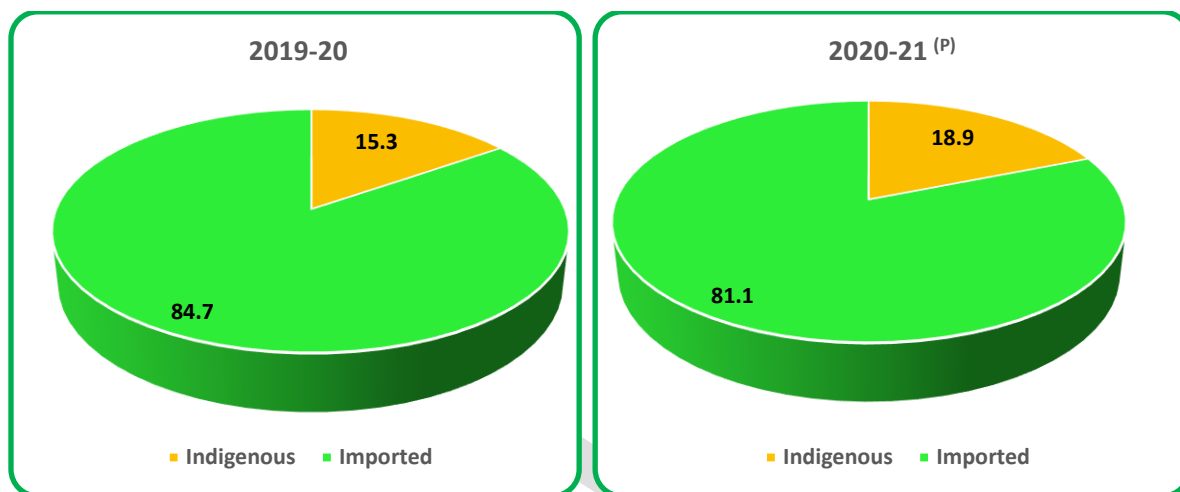


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-August

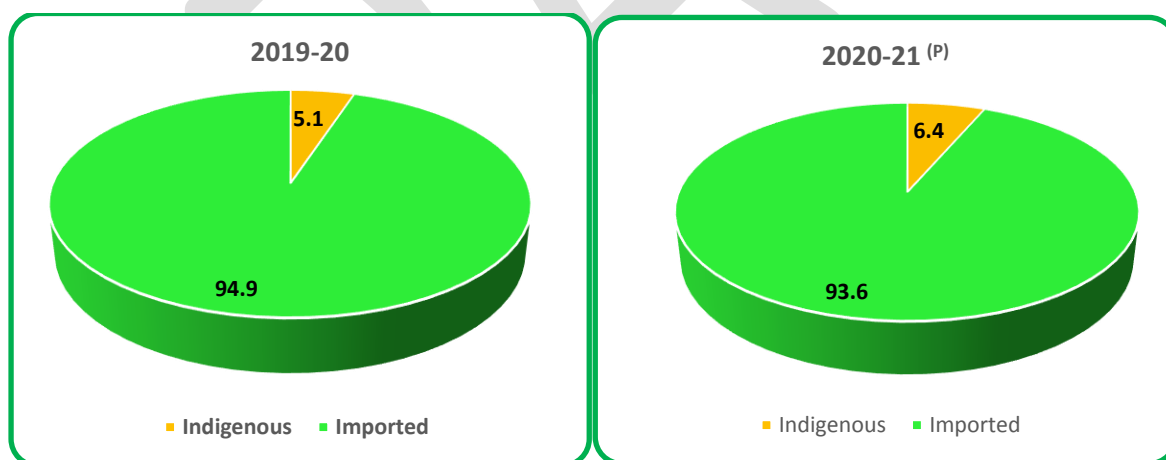


Table-1; High sulphur crude oil processed as percentage of total crude oil processed

	August		April – August	
	2019-20	2020-21 ^(P)	2019-20	2020-21 ^(P)
	Qty. in MMT			
High sulphur crude (HS)	16.5	11.7	78.8	59.8
Low sulphur crude (LS)	5.5	4.4	27.5	22.7
Total crude processed	22.0	16.1	106.3	82.5
% share of HS crude in total crude	75.1%	72.5%	74.1%	72.5%

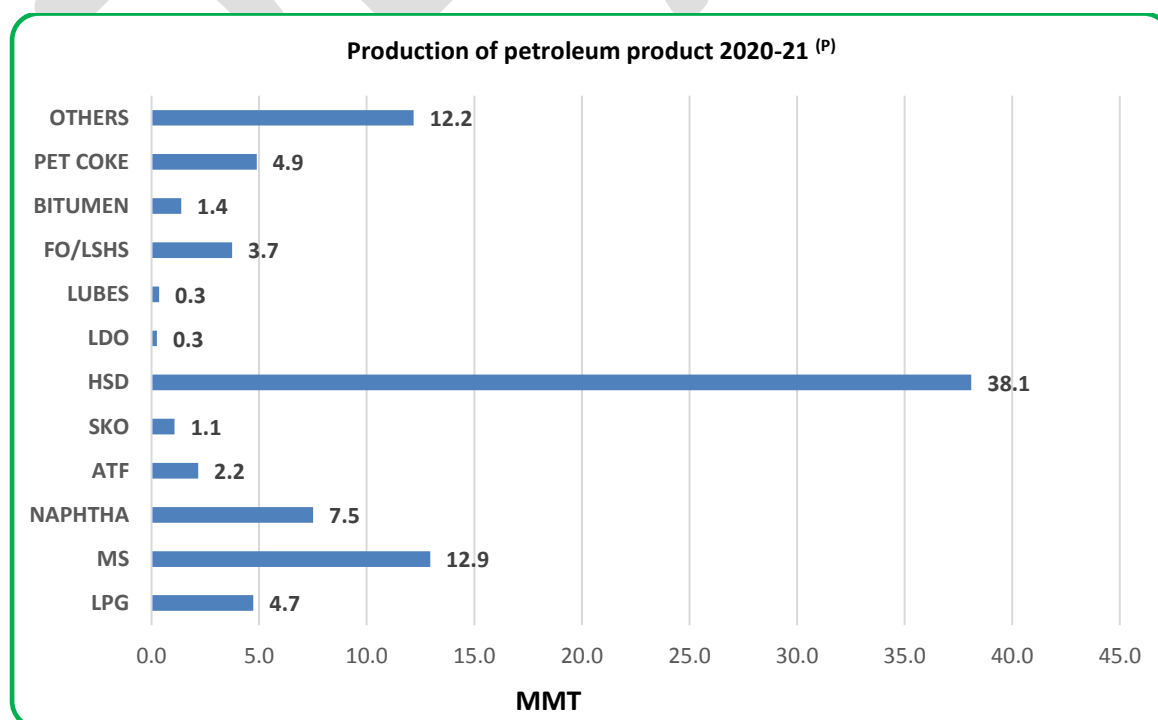
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during August 2020^(P) are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	August 2020 ^(P)
LPG	906
Naphtha	1618
MS	2711
ATF	441
SKO	202
HSD	7559
LDO	46
Lubes	97
FO	729
LSHS	39
Bitumen	179
RPC(Pet-coke)	890
Others	2521
Total	17937

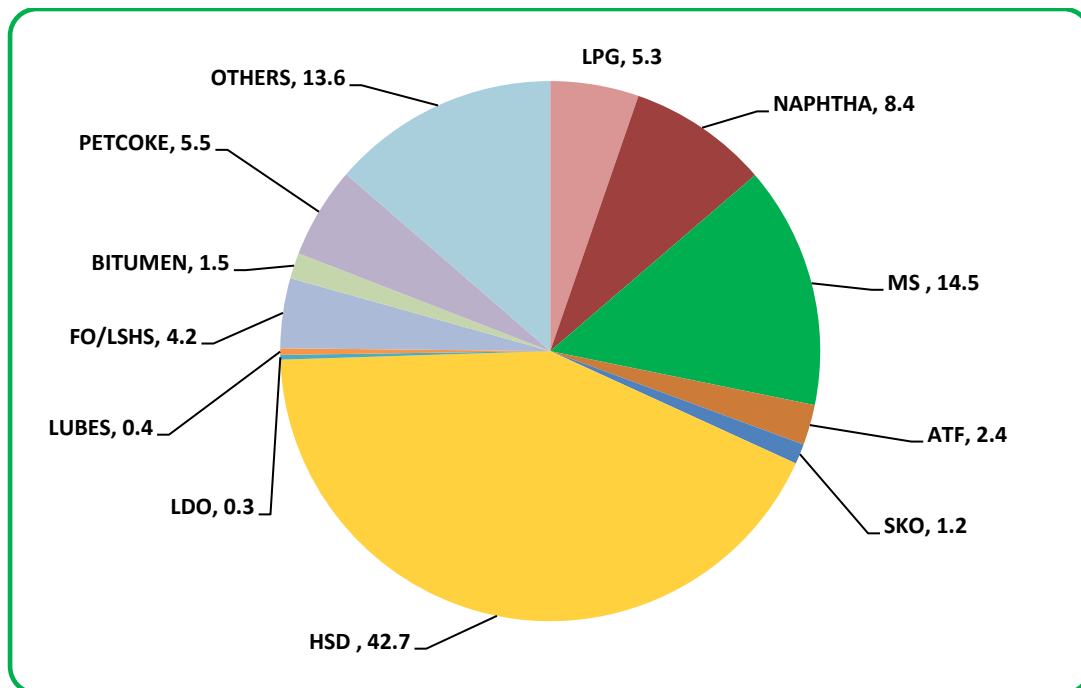
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

Figure-5; Product wise production of POL products by refineries and fractionators: April – August 2020 ^(P)



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

Figure-6; Percentage share of POL products in production; April - august 2020 ^(P)



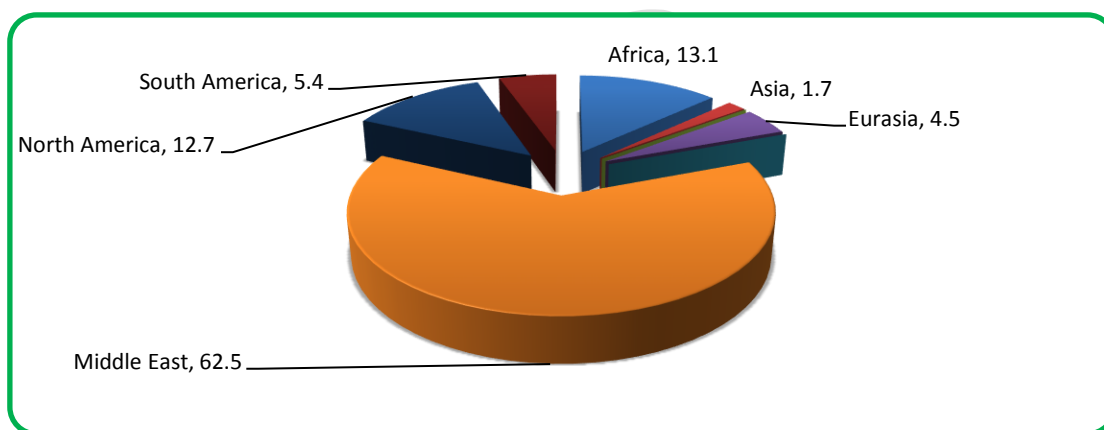
Part B: Import /Export

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 2020 ^(P)	April – August 2020 ^(P)
Crude Oil	15153	73775

Figure 7: Region wise percentage share (%) of crude oil during April to August 2020 ^(P)



- Crude oil imports decreased by 23.4% and 22.1% during August 2020 and April - August 2020 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 75.7% of total imports during April to August 2020 as compared to 78.2% during April to August 2019.

5.b Import Petroleum Products

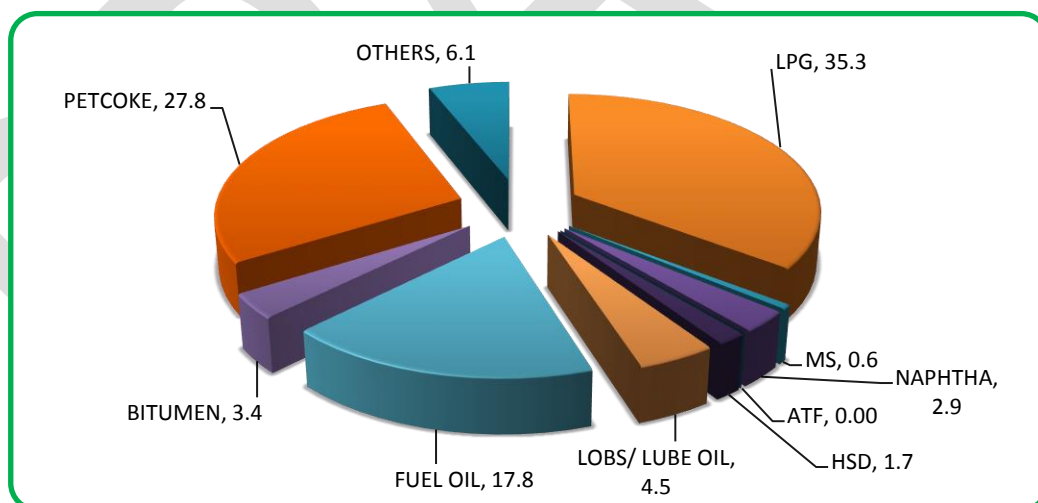
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	August 2020 ^(P)	April – August 2020 ^(P)
LPG	1241	6306
MS/ Petrol	35	108
NAPHTHA	121	512
ATF	0	0
HSD	10	296
LOBS/LUBE OIL	187	796
FUEL OIL	526	3179
BITUMEN	132	609
PETCOKE	837	4960
OTHERS\$	165	1080
TOTAL IMPORTS	3254	17846

Notes: (P): Provisional. Source: Oil Companies & DGCIS
June-August 2020 data prorated on the basis of June 2019 - May 2020 actual provisional 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 August 2020 ^(P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 39.8 share of total POL products import during April-August 2020 as compared to 38.8% during April-August 2019.
- Import of petcoke accounted for 27.8% of the total POL imports during April-August 2020. The entire quantity was imported by private importers and mainly by cement industry.

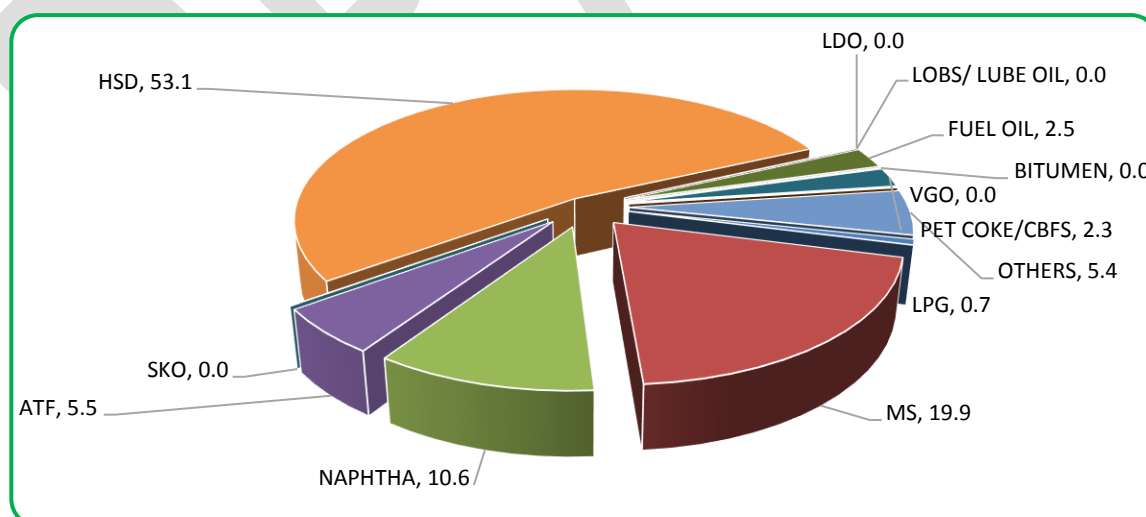
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products			
<i>(Thousand Metric Tonnes)</i>			
Product	August 2020 ^(P)	April – August 2020 ^(P)	
LPG	34	163	
MS	874	4913	
Naphtha	547	2611	
ATF	141	1364	
SKO	1	3	
HSD	2790	13131	
LDO	0	0	
LOBS/LUBE OIL	0	11	
FUEL OIL	0	642	
BITUMEN	0	0	
PETCOKE	7	569	
VGO	0	0	
OTHERS [#]	197	1305	
TOTAL EXPORT	4591	24713	

Note: (P): Provisional. Source: Oil Companies
[#] 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 2020 ^(P)



- Exports of POL products decreased by 13.5% and 0.8% during August 2020 and April - August 2020 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April - August 2020 was due to decrease in exports of ATF, naphtha, LPG, motor spirit (MS), VGO and bitumen.