

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

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

February 2021



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 February 2021 and April – February 2021 was lower by 3.2 % and 5.4 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed in refineries during February 2021 was 18.6 MMT, which was 11.8% lower than February 2020. On cumulative basis total crude oil processed was 200.8 MMT which was lower by 13.9 % during April – February 2021 as compared to April – February 2020.
- Production of petroleum products saw a de-growth of 10.9 % and 12.2 % respectively during February 2021 and April – February 2021 over the corresponding period of the previous year.
- Crude oil imports decreased by 18.3% and 14.2% during February 2021 and April-February 2021 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 11.1% and decreased by 1.6% during February 2021 and April-February 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products imports during April-February 2021 was due to decrease in imports of high speed diesel (HSD), motor sprit (MS), LOBS/Lube oil, naphtha and aviation turbine fuel (ATF).
- Exports of POL products decreased by 17.6% and 15.2% during February 2021 and April-February 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-February 2021 (P) was due to decrease in exports of all products except LOBS/Lube oil and petcoke/CBFS.

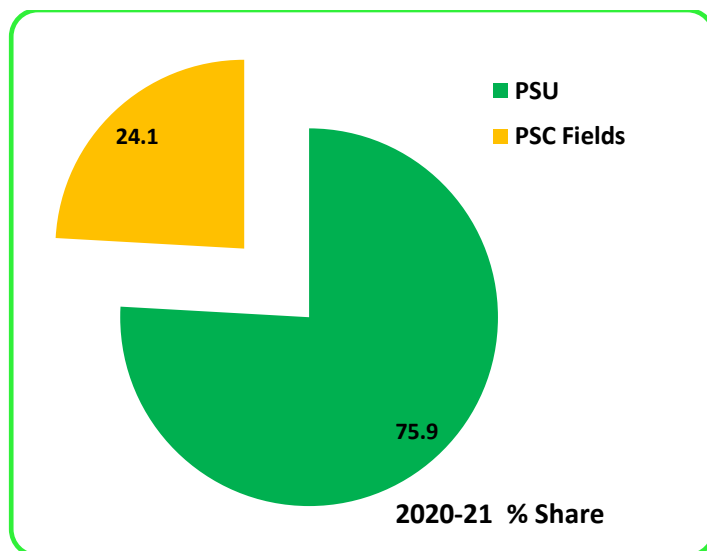
Part A: Production

PPAC

2. Indigenous crude oil and condensate production

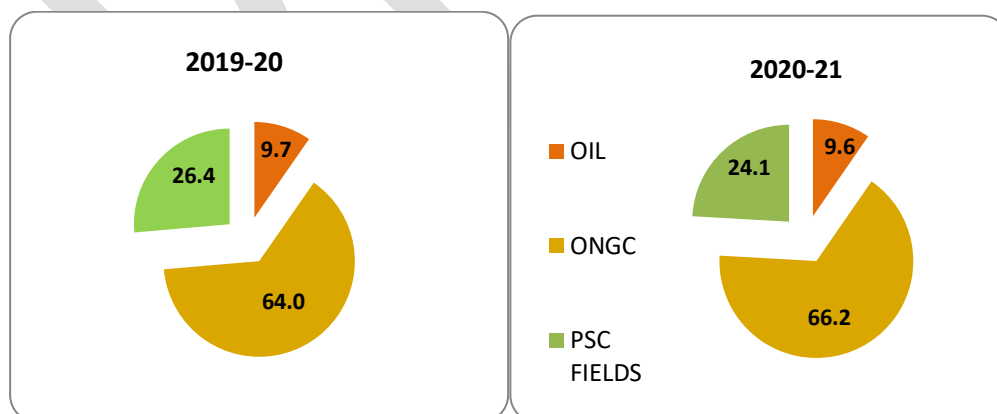
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – February 2021 ^(P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – February 2021 ^(P)



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – February 2021 and April – February 2020 is shown in figure-2 below:

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



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 – February 2021 and April – February 2020 is given below:

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

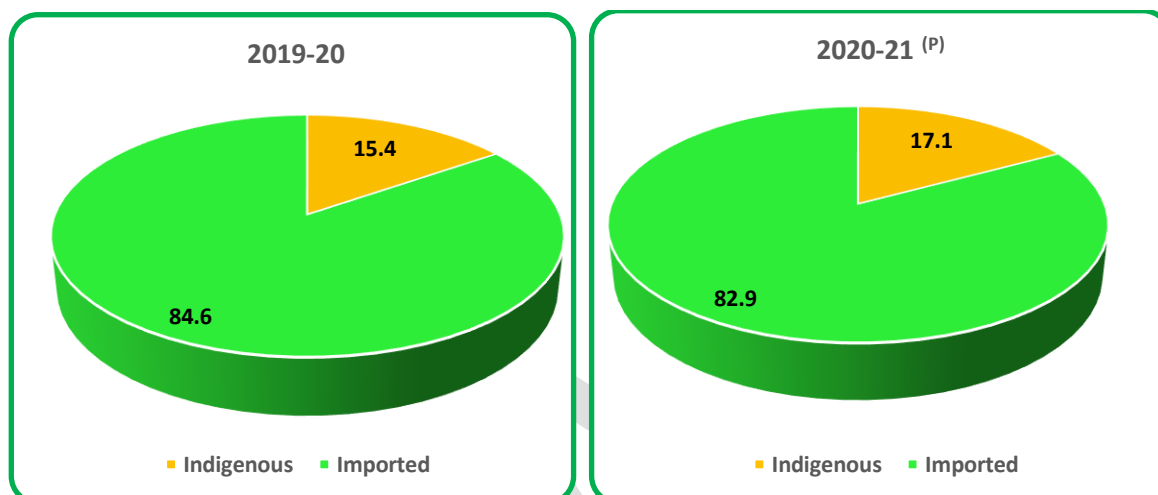


Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April-February

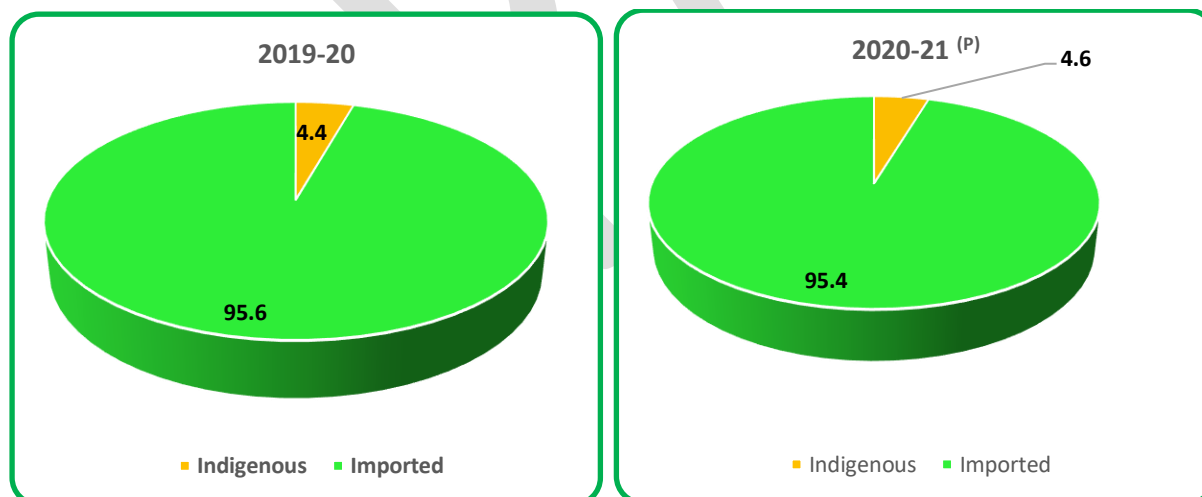


Table-1; High sulphur crude oil processed as percentage of total crude oil processed.

	February		April – February	
	2019-20	2020-21 ^(P)	2019-20	2020-21 ^(P)
	Qty. in MMT			
High sulphur crude (HS)	16.5	13.0	176.1	146.0
Low sulphur crude (LS)	4.6	5.6	57.1	54.8
Total crude processed	21.1	18.6	233.2	200.8
% share of HS crude in total crude	78.1%	69.8%	75.5%	72.7%

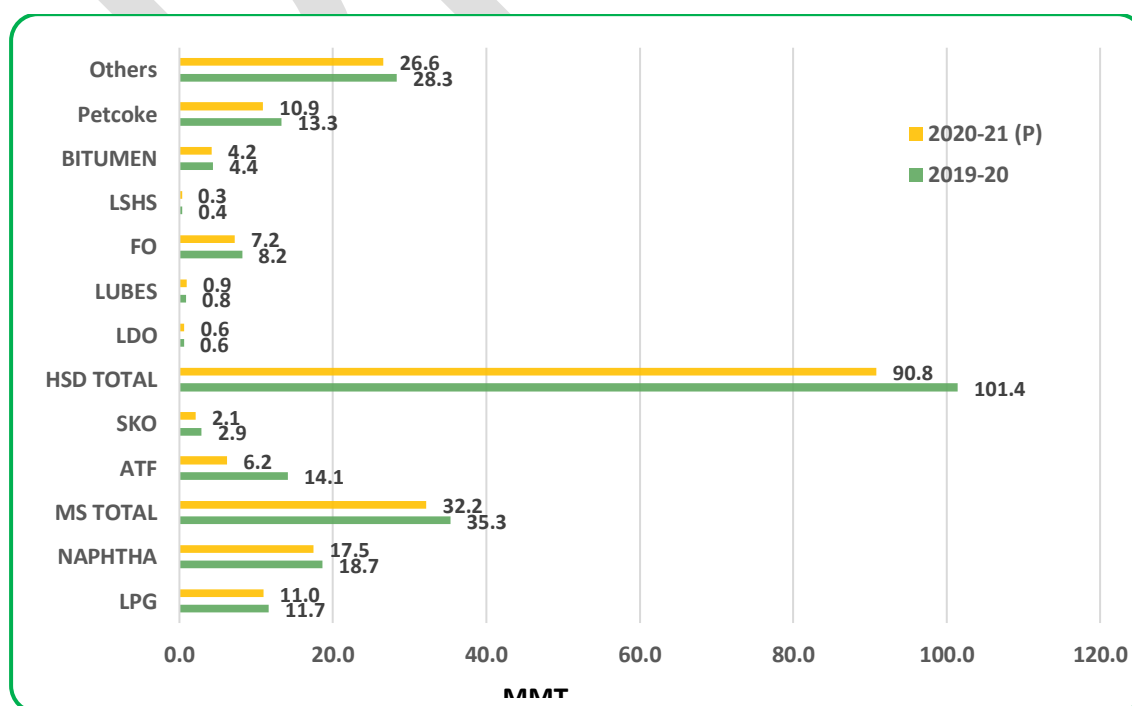
4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during February 2021^(P) are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	February 2021 ^(P)
LPG	985
Naphtha	1649
MS	3026
ATF	780
SKO	139
HSD	8384
LDO	64
Lubes	112
FO	508
LSHS	34
Bitumen	575
RPC (Pet-coke)	991
Others	2194
Total	19439

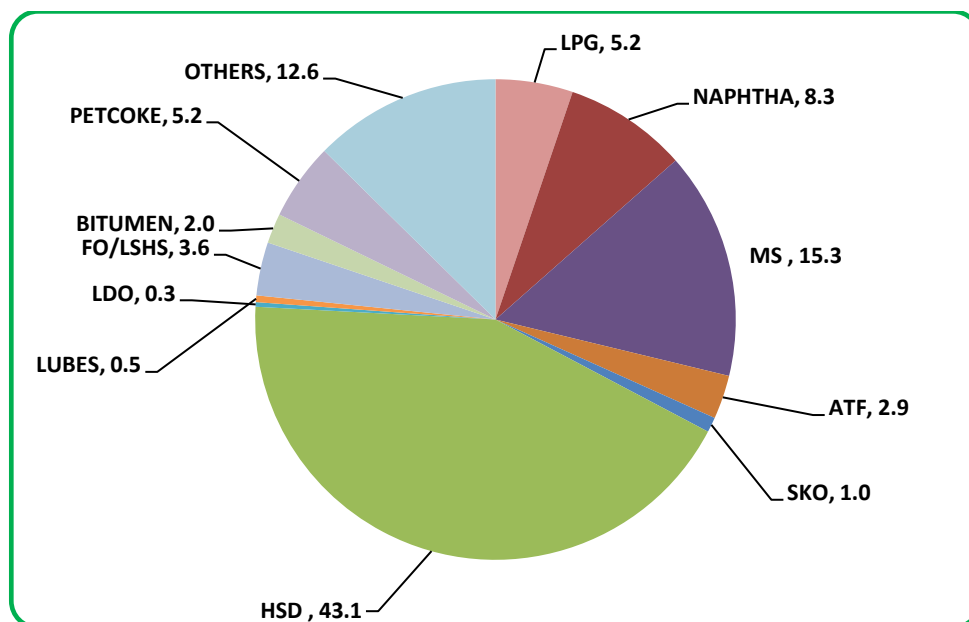
Note: (P): Provisional. Source: Oil Companies
 * Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine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

Figure-5; Product wise production of POL products by refineries and fractionators: April – February 2021^(P)



The percentage share of various products in total POL production during April – February 2021 is shown in figure-6 below:

Figure-6; Percentage share of POL products in production; April – February 2021 ^(P)



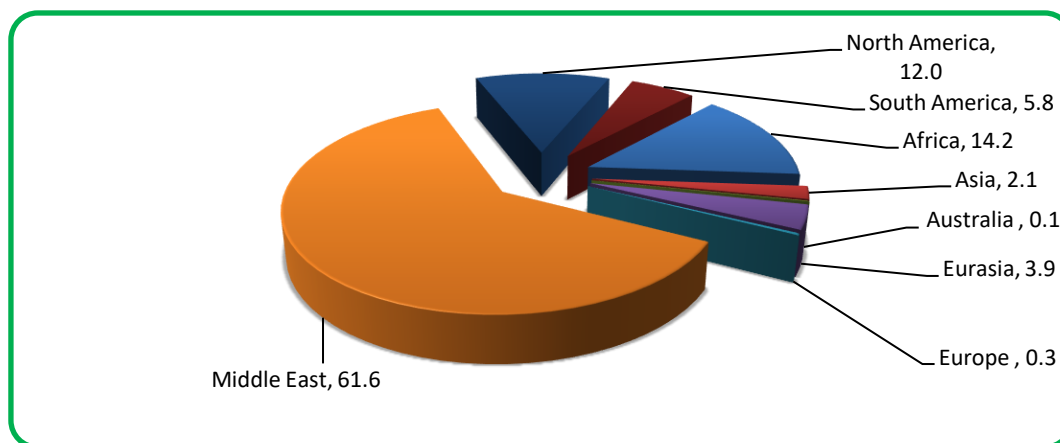
Part B: Import /Export

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	February 2021 ^(P)	April to February 2021 ^(P)
Crude Oil	15235	178078

Figure 7: Region wise percentage share (%) of crude oil during April to February 2021 (P)



- Crude oil imports decreased by 18.3% and 14.2% during February 2021 and April-February 2021 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 74.4% of total imports during April to February 2021 as compared to 79.6% during April to February 2020.

5.b Import Petroleum Products

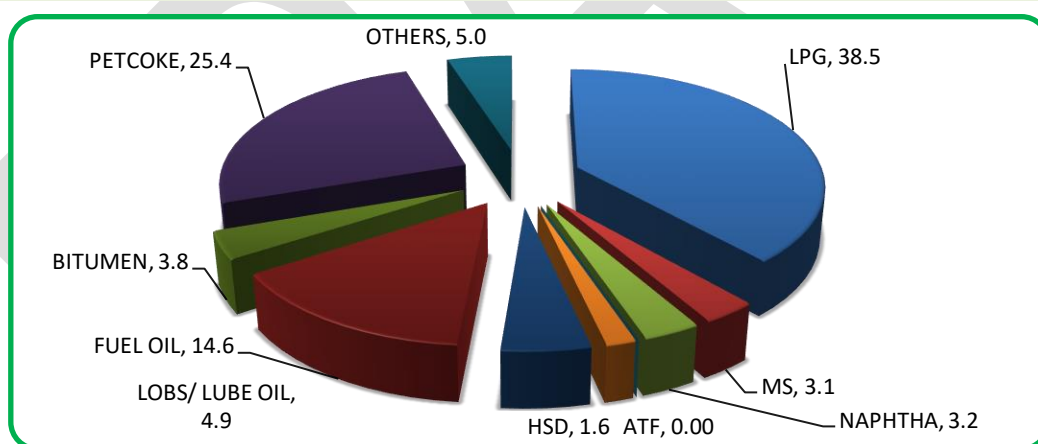
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	February 2021 ^(P)	April to February 2021 ^(P)
LPG	1527	15167
MS/ Petrol	73	1209
NAPHTHA	110	1254
ATF	0	0
HSD	10	648
LOBS/LUBE OIL	190	1939
FUEL OIL	844	5732
BITUMEN	137	1489
PETCOKE	854	9988
OTHERS§	153	1949
TOTAL IMPORTS	3898	39377

Notes: (P): Provisional. Source: Oil Companies & DGCIS
July 2020 to february 2021 DGCIS data prorated on the basis of July 2019 - June 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 February 2021 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 43.4% share of total POL products import during April-February 2021 as compared to 40.2% during April-February 2020.
- Import of petcoke accounted for 25.4% of the total POL imports during April-February 2021. The entire quantity was imported by private importers and mainly by cement industry.

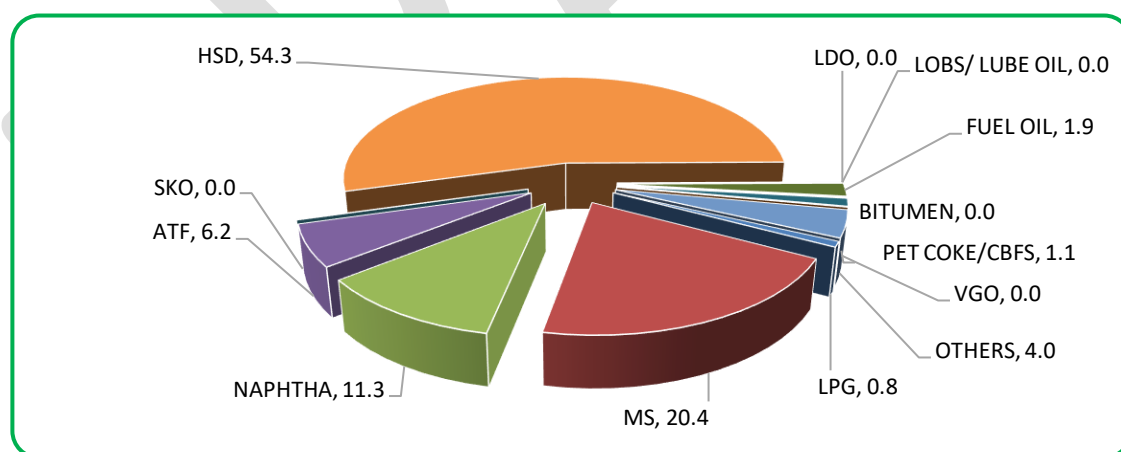
5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	February 2021 ^(P)	April to February 2021 ^(P)
LPG	41	405
MS	884	10316
Naphtha	553	5708
ATF	433	3132
SKO	1	13
HSD	2109	27507
LDO	0	0
LOBS/LUBE OIL	1	14
FUEL OIL	75	977
BITUMEN	0	7
PETCOKE	1	577
VGO	0	0
OTHERS [#]	50	2029
TOTAL EXPORT	4148	50684

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 February 2021 (P)



- Exports of POL products decreased by 17.6% and 15.2% during February 2021 and April-February 2021 respectively as compared to the corresponding period of the previous year. Decrease in POL products exports during April-February 2021 (P) was due to decrease in exports of all products except LOBS/Lube oil and petcoke/CBFS.