

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

**&**

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

**February 2022**



**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

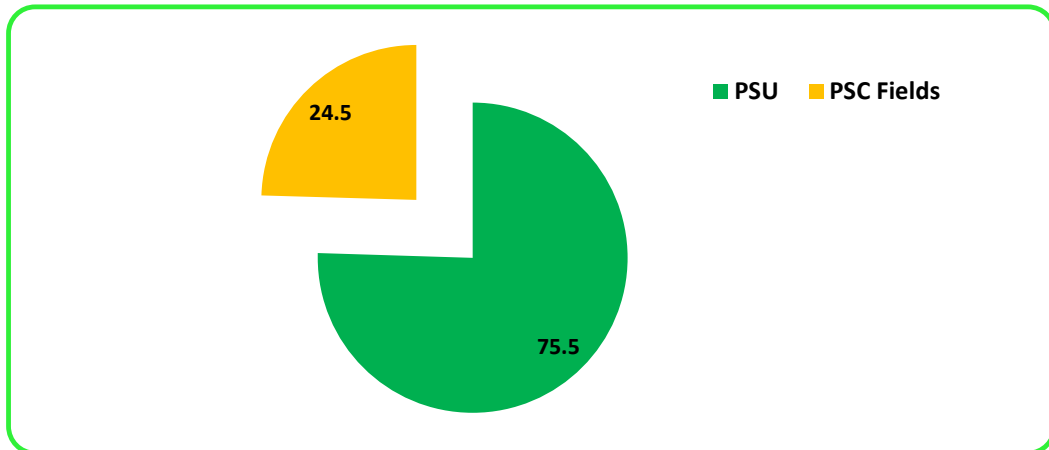
- Indigenous crude oil and condensate production during February 2022 and April – February 2022 was lower by 2.2 % and 2.6 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during February 2022 was 20.4 MMT, which was 9.8 % higher than February 2021. On cumulative basis total crude oil processed was 219.4 MMT which was higher by 9.3 % during April – February 2022 as compared to April – February 2021.
- Production of petroleum products saw a growth of 8.8 % and 9.1 % during February 2022 and April – February 2022 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 15.5% and 8.6% during February 2022 and April-February 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 1.2% and 5.9% during February 2022 and April-February 2022 respectively as compared to the corresponding period of the previous year. Decrease in POL product imports during April-February 2022 were due to decrease in imports of petcoke, high speed diesel (HSD), motor sprit (MS), naphtha and superior kerosene oil (SKO).
- Exports of POL products increased by 18.4% and 10.5% during February 2022 and April-February 2022 respectively as compared to the corresponding period of the previous year. Increase in POL product exports during April-February 2022 (P) were due to increase in exports of all products except LOBS/Lubes oil, Bitumen, petcoke/CBFS and superior kerosene oil (SKO).

## Part A: Production

## 2. Indigenous crude oil and condensate production

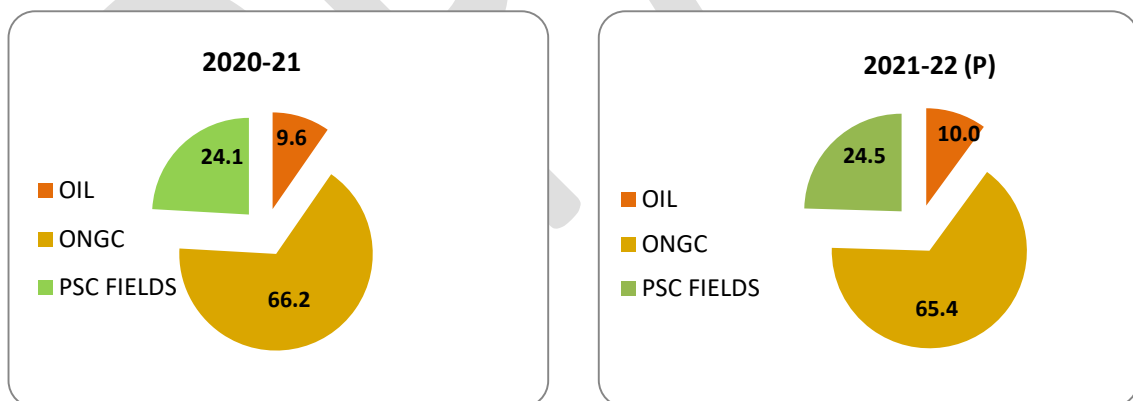
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – February<sup>(P)</sup> is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – February 2022<sup>(P)</sup>



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April – February 2022 and April – February 2021 is shown in figure-2 below:

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

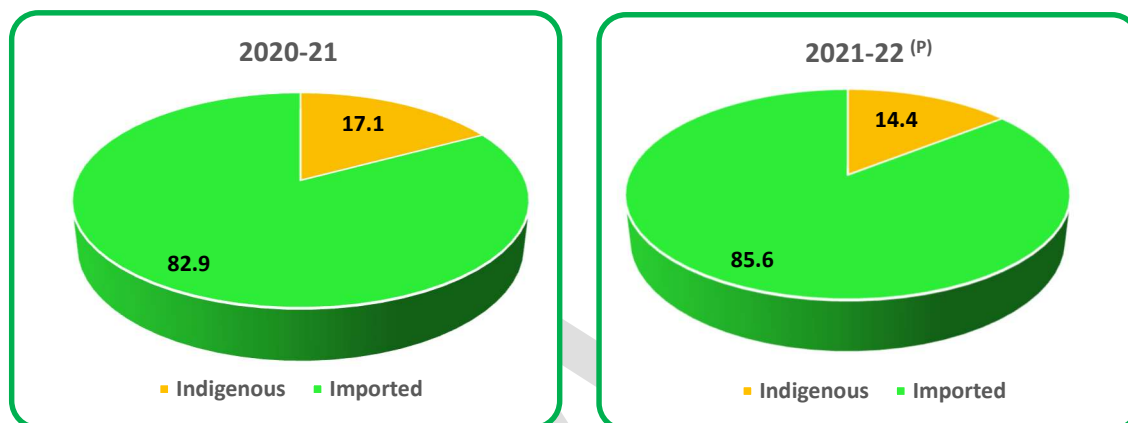


### 3. Crude oil processing by Oil Companies

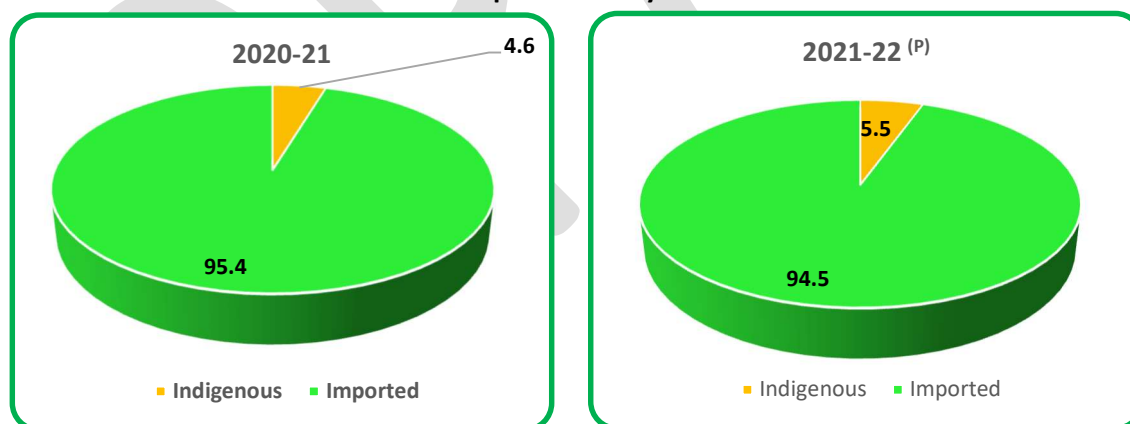
#### Analysis of crude oil processing by refineries:

- Analysis of type of crude oil processed (i.e. indigenous, imported and low sulphur & high sulphur) in Indian refineries during April – February 2022 and April – February 2021 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	
	2020-21	2021-22 (P)	2020-21	2021-22 (P)
	Qty. in MMT			
High Sulphur crude (HS)	13.0	15.9	146.1	167.7
Low Sulphur crude (LS)	5.6	4.6	54.6	51.6
Total crude processed	18.6	20.4	200.8	219.4
<b>% Share of HS crude in total crude processed</b>	<b>69.8%</b>	<b>77.7%</b>	<b>72.8%</b>	<b>76.5%</b>

## 4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during February 2022<sup>(P)</sup> are given in Table-2.

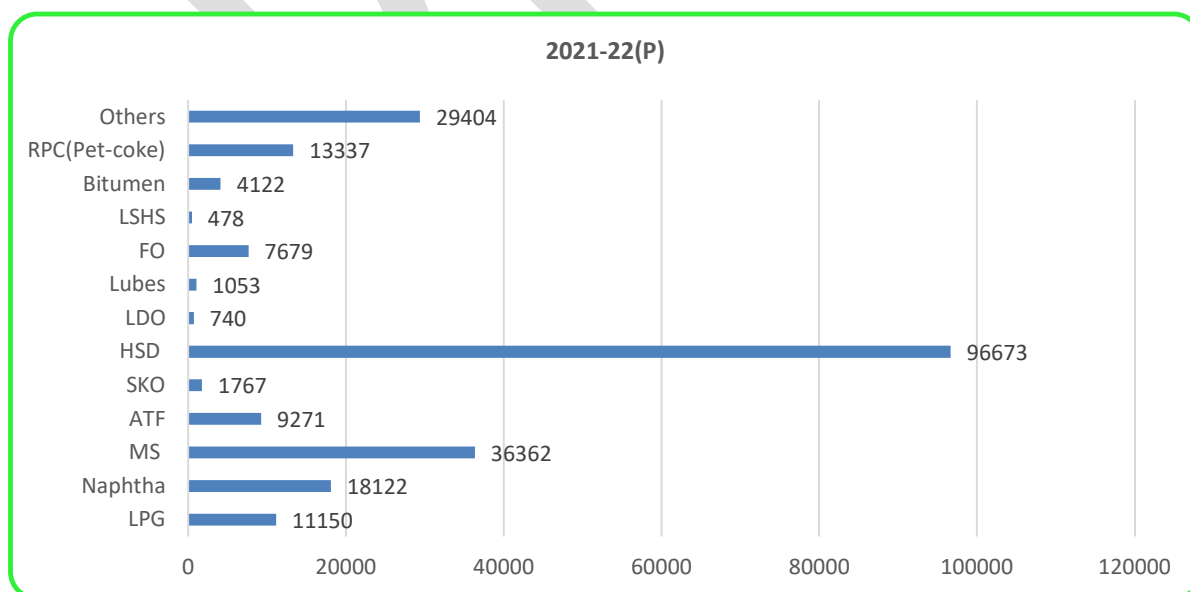
Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	February 2022 <sup>(P)</sup>
LPG	1033
Naphtha	1655
MS	<b>3306</b>
ATF	925
SKO	188
HSD	<b>8768</b>
LDO	76
Lubes	104
FO	631
LSHS	32
Bitumen	547
RPC(Pet-coke)	1250
Others	2636
<b>Total</b>	<b>21152</b>

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.

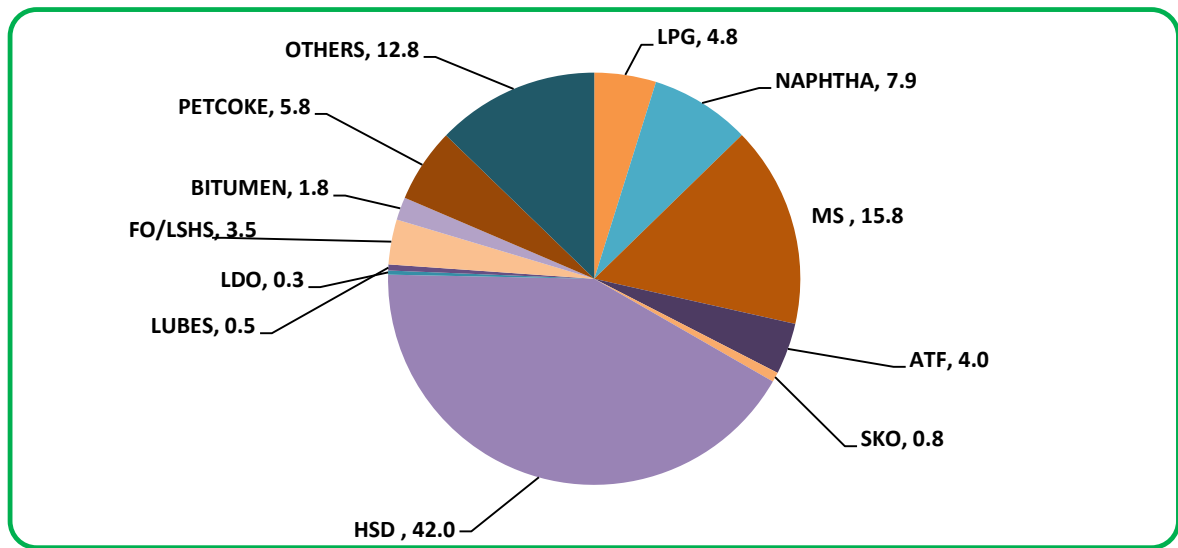
LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April – February 2022<sup>(P)</sup>



The percentage share of various products in total POL production during April – February 2022 is shown below:

**Figure-6; Percentage share of products in total POL production: April – February 2022 <sup>(P)</sup>**



## Part B: Import /Export

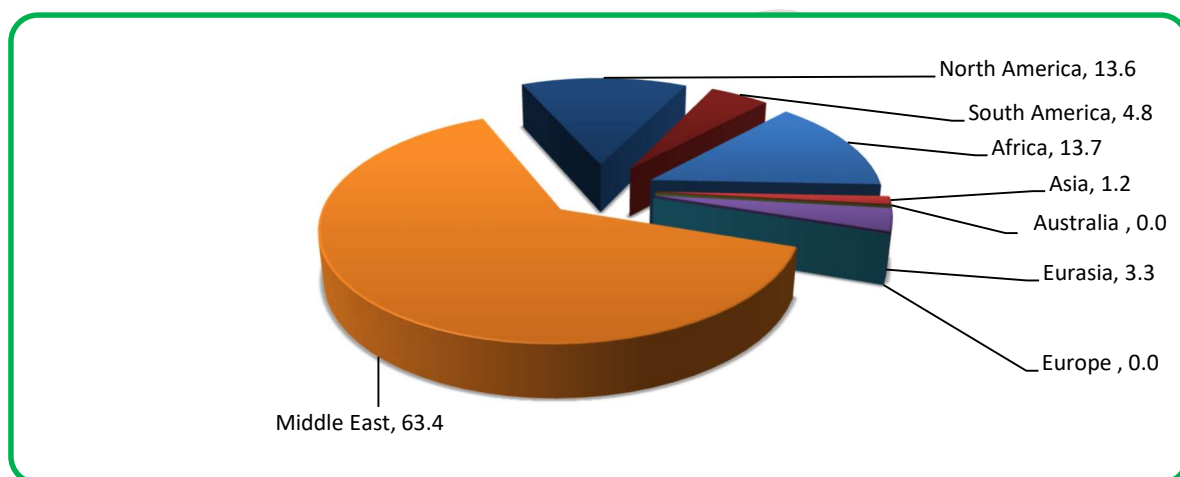


## 5.a Import of Crude oil

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

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	February 2022 <sup>(P)</sup>	April to February 2022 <sup>(P)</sup>
Crude Oil	17592	193490

Figure 7: Region wise percentage share (%) of crude oil during April to February 2022 (P)



- Crude oil imports increased by 15.5% and 8.6% during February 2022 and April-February 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 71.6% of total imports during April-February 2022 as compared to 72.3% during April- February 2021.

## 5.b Import Petroleum Products

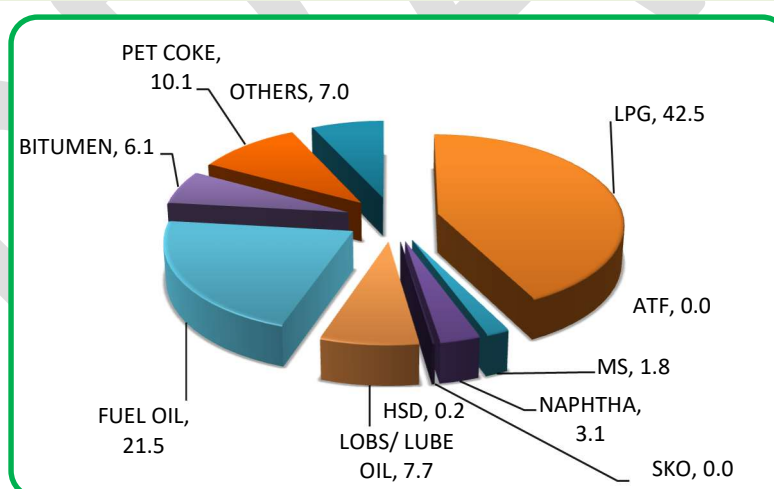
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	February 2022 <sup>(P)</sup>	April to February 2022 <sup>(P)</sup>
LPG	1256	15681
MS/ Petrol	1	673
NAPHTHA	90	1157
ATF	0	0
SKO	0	0
HSD	8	73
LOBS/LUBE OIL	252	2825
FUEL OIL	943	7937
BITUMEN	218	2262
PETCOKE	342	3723
OTHERS§	215	2593
<b>TOTAL IMPORTS</b>	<b>3324</b>	<b>36923</b>

Notes: (P): Provisional. Source: Oil Companies & DGCIS  
 # Private imports are prorated for the period Dec-2021 to Feb-2022 on the basis of actual data received from DGCIS for the period Dec-2020 to Nov-2021

§ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.

Figure 8: Percentage share of petroleum products in imports: April to February 2022 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 50.1% share of total POL products import during April-February 2022 as compared to 44.8% during April-February 2021.
- Import of petcoke accounted for 10.1% of the total POL imports during April-February 2022. The entire quantity was imported by private importers.

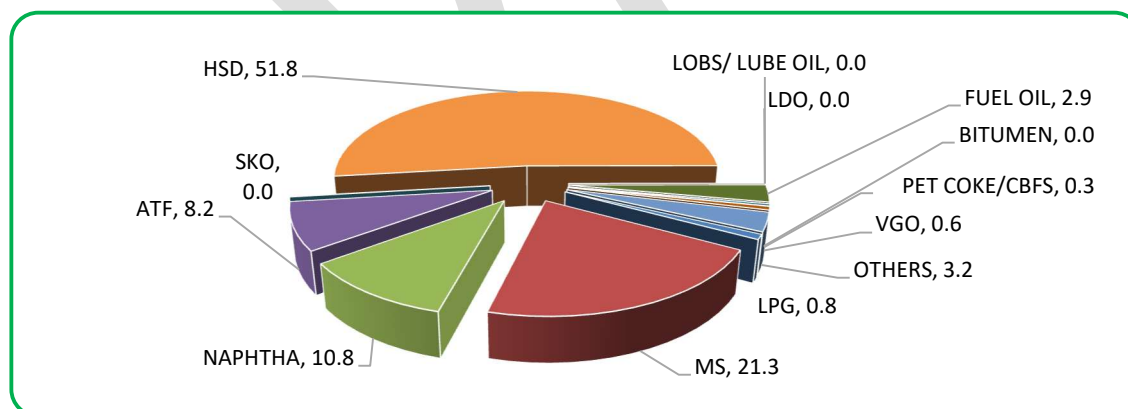
## 5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
<i>(Thousand Metric Tonnes)</i>		
Product	February 2022 <sup>(P)</sup>	April to February 2022 <sup>(P)</sup>
LPG	45	476
MS	1277	11942
Naphtha	438	6070
ATF	414	4568
SKO	1	13
HSD	2412	29033
LDO	0	0
LOBS/LUBE OIL	5	9
FUEL OIL	90	1623
BITUMEN	0	6
PETCOKE	44	182
VGO	0	319
OTHERS <sup>#</sup>	186	1779
<b>TOTAL EXPORT</b>	<b>4912</b>	<b>56021</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 export: April to February 2022 (P)**



Exports of POL products increased by 18.4% and 10.5% during February 2022 and April-February 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-February 2022 (P) was due to increase in exports of all products except LOBS/Lubes oil, bitumen, petcoke/CBFS and superior kerosene oil (SKO).