

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

**&**

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

**August 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

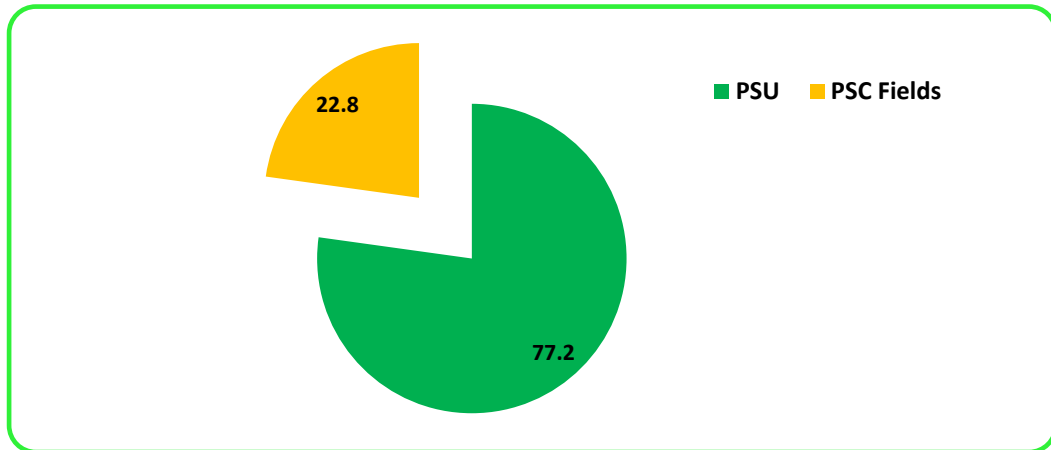
- Indigenous crude oil and condensate production during August 2022 and April – August 2022 was lower by 3.3 % and 1.1 % respectively as compared to the corresponding period of the previous year.
- Crude oil processed during August 2022 was 19.5 MMT, which was 5.9 % higher than August 2021. On cumulative basis total crude oil processed was 106.8 MMT which was higher by 12.3 % during April – August 2022 as compared to April – August 2021.
- Production of petroleum products saw a growth of 7.0 % and 10.7 % during August 2022 and April – August 2022 respectively over the corresponding period of the previous year.
- Crude oil imports increased by 0.9% and 17% during August 2022 and April-August 2022 respectively as compared to the corresponding period of the previous year.
- POL products imports increased by 13.7% and 14.5% during August 2022 and April-August 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-August 2022 were due to increase in imports of all products except aviation turbine fuel (ATF) and fuel oil (FO) etc.
- Exports of POL products increased by 9% and 7.3% during August 2022 and April-August 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-August 2022 were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO) and vacuum gas oil (VGO) etc.

## Part A: Production

## 2. Indigenous crude oil and condensate production

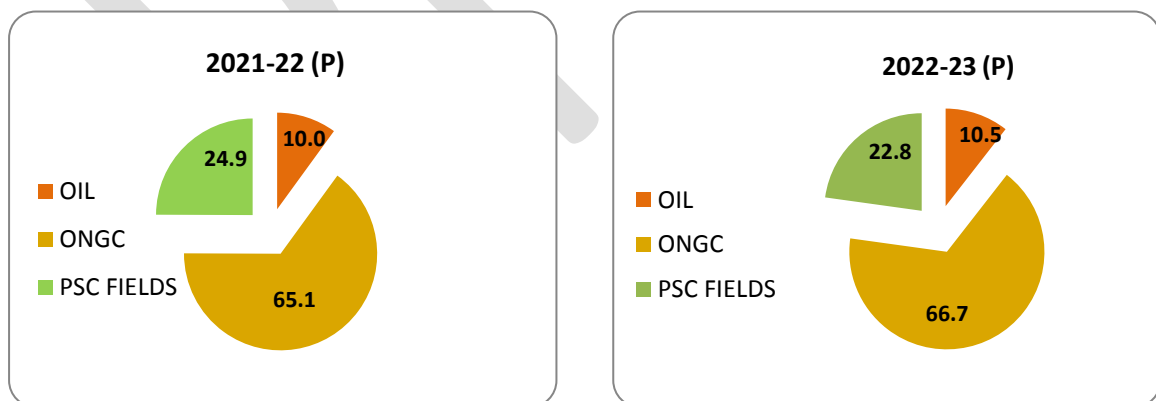
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April – August (P) is shown in figure-1 below:

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



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

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

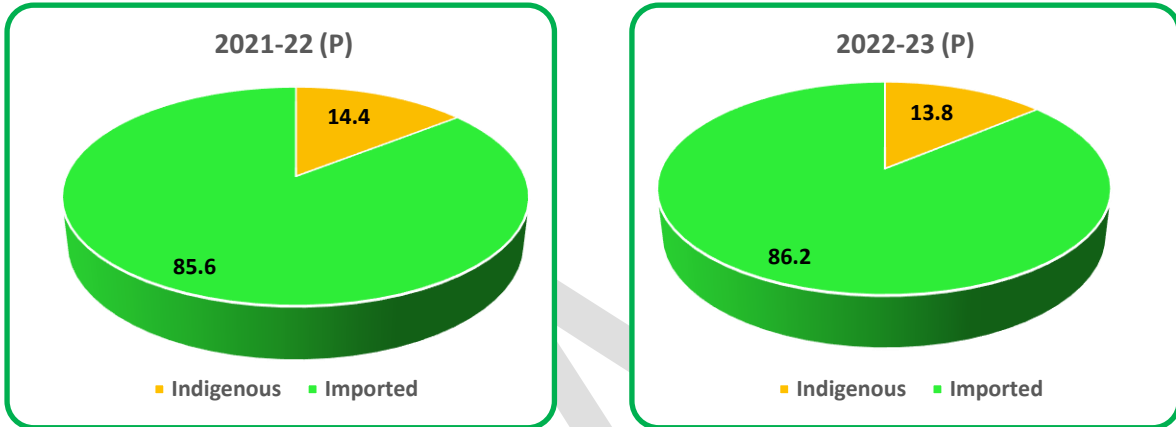


### 3. Crude oil processing by Oil Companies

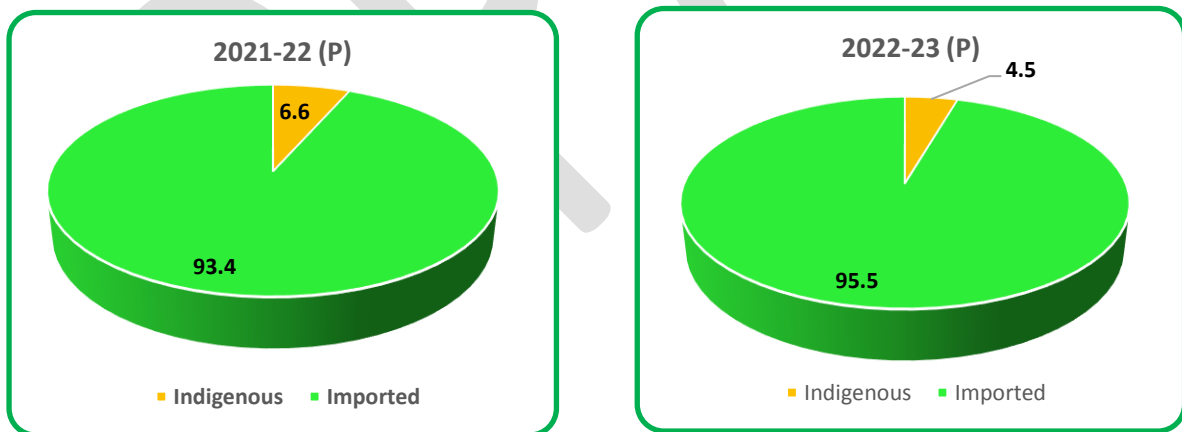
#### Analysis of crude oil processing by refineries:

- Analysis of type of crude oil processed (i.e. indigenous, imported and low sulphur & high sulphur) in Indian refineries during April – August 2022 and April – August 2021 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	
	2021-22 (P)	2022-23 (P)	2021-22 (P)	2022-23 (P)
	Qty. in MMT			
High Sulphur crude (HS)	13.9	15.0	71.3	83.2
Low Sulphur crude (LS)	4.5	4.5	23.8	23.5
Total crude processed	18.4	19.5	95.1	106.8
<b>% Share of HS crude in total crude processed</b>	<b>75.4%</b>	<b>76.7%</b>	<b>75.0%</b>	<b>78.0%</b>

## 4. Production of Petroleum Products

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

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	August 2022 <sup>(P)</sup>
LPG	951
Naphtha	1420
MS	3285
ATF	1205
SKO	48
HSD	8852
LDO	39
Lubes	101
FO	966
LSHS	53
Bitumen	195
RPC(Pet-coke)	1216
Others	2603
<b>Total</b>	<b>20934</b>

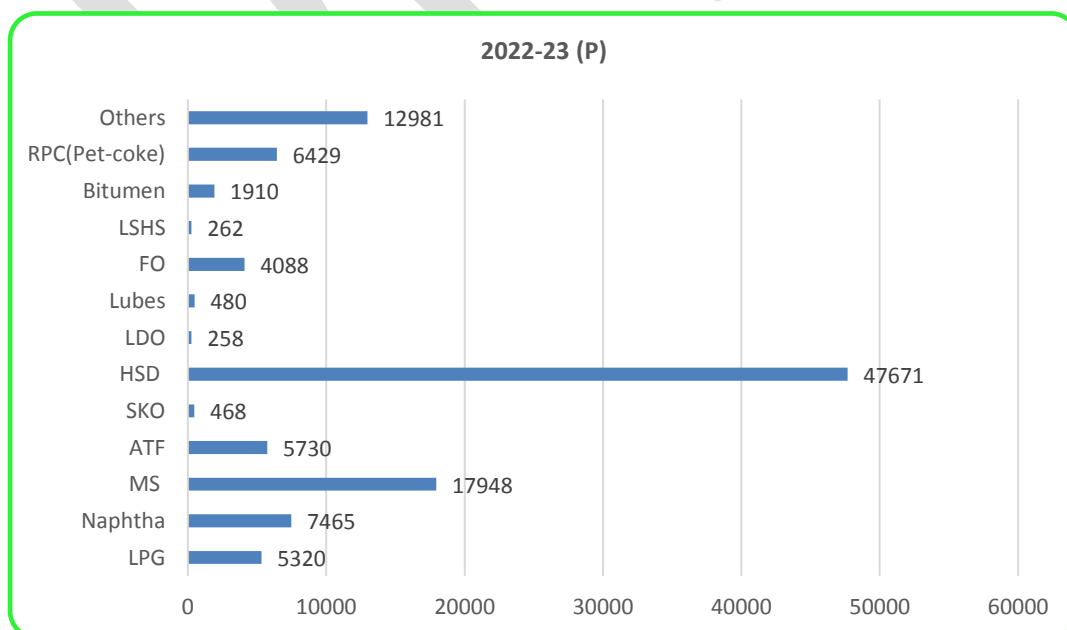
Note: (P): Provisional. Source: Oil Companies

\* 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;

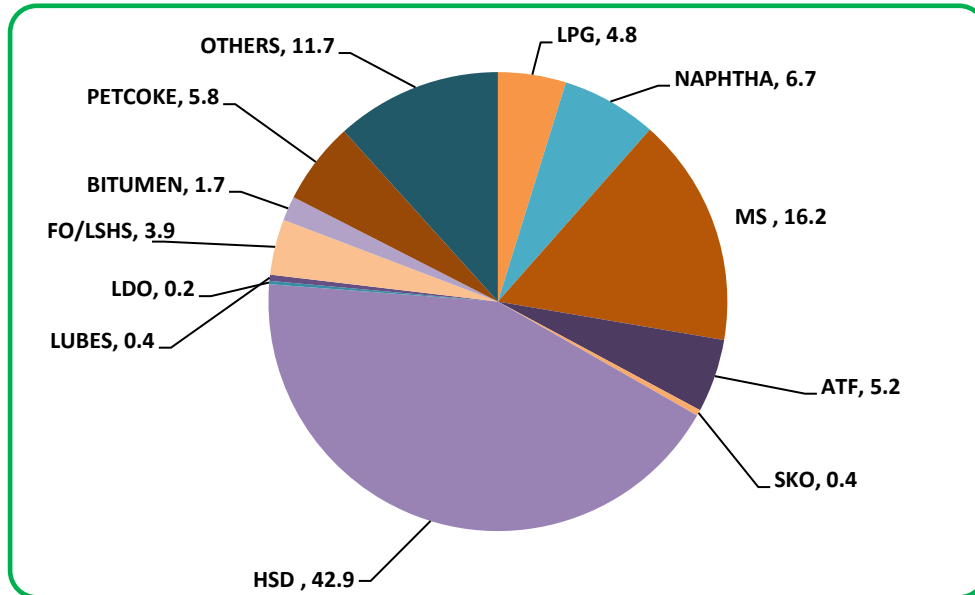
Figure-5; Product wise production of POL products by refineries and fractionators: April – August 2022

(P)



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

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



## Part B: Import /Export

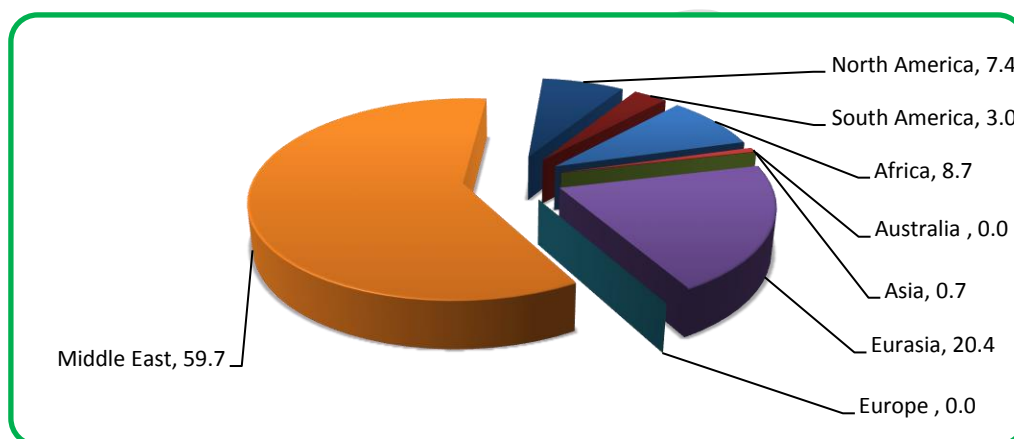


## 5.a Import of Crude oil

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

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	August 2022 <sup>(P)</sup>	April to August 2022 <sup>(P)</sup>
Crude Oil	17549	98117

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



- Crude oil imports increased by 0.9% and 17% during August 2022 and April-August 2022 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 63.6% of total imports during April-August 2022 as compared to 70.6% during April- August 2021.

## 5.b Import Petroleum Products

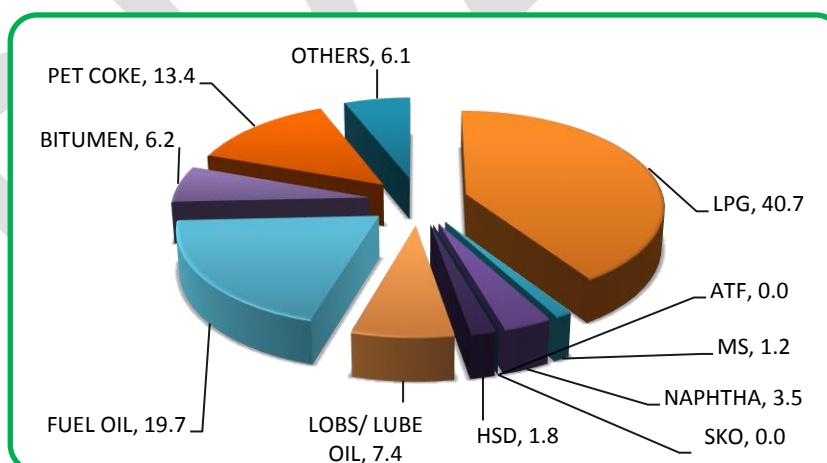
Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	August 2022 <sup>(P)</sup>	April to August 2022 <sup>(P)</sup>
LPG	1576	7248
MS/ Petrol	0.002	220
NAPHTHA	158	626
ATF	0	0
SKO	0.02	0.12
HSD	6	322
LOBS/LUBE OIL	262	1311
FUEL OIL	689	3507
BITUMEN	223	1105
PETCOKE	478	2391
OTHERS <sup>§</sup>	235	1088
<b>TOTAL IMPORTS</b>	<b>3629</b>	<b>17818</b>

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

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

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



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 48.0% share of total POL products import during April-August 2022 as compared to 50.4% during April-August 2021.
- Import of petcoke accounted for 13.4% of the total POL imports during April-August 2022. The entire quantity was imported by private importers.

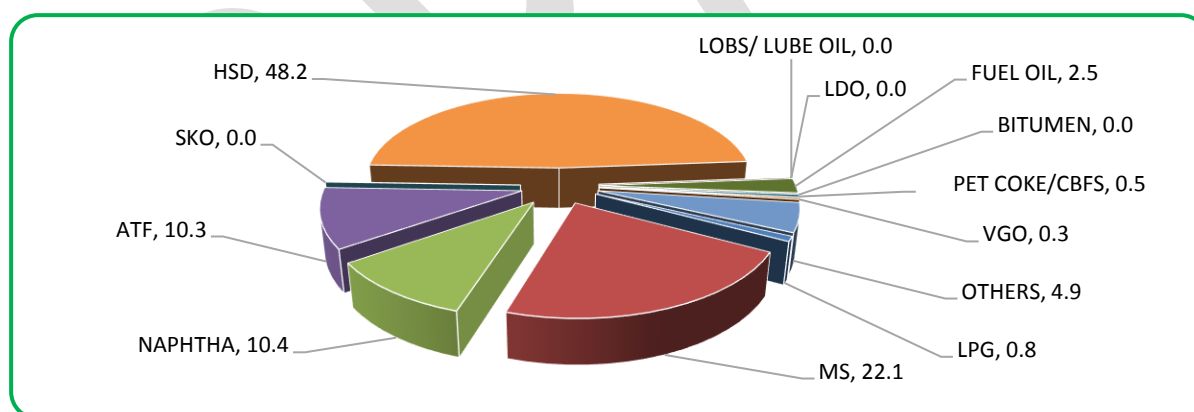
## 5.c Export of Petroleum Products

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

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	August 2022 <sup>(P)</sup>	April to August 2022 <sup>(P)</sup>
LPG	39	224
MS	1012	5842
Naphtha	420	2756
ATF	745	2716
SKO	0.4	5
HSD	2361	12748
LDO	0	0
LOBS/LUBE OIL	0.1	6
FUEL OIL	221	653
BITUMEN	0	1
PETCOKE	39	122
VGO	50	76
OTHERS <sup>#</sup>	348	1307
<b>TOTAL EXPORT</b>	<b>5235</b>	<b>26457</b>

Note: (P): Provisional. Source: Oil Companies  
<sup>#</sup> 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 2022 (P)



- Exports of POL products increased by 9% and 7.3% during August 2022 and April-August 2022 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-August 2022 were due to increase in exports of all products except superior kerosene oil (SKO), fuel oil (FO) and vacuum gas oil (VGO) etc.