

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

**&**

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

**January 2019**



**Petroleum Planning & Analysis Cell**

(Ministry of Petroleum & Natural Gas)

1. In this report, indigenous crude oil production, imports and processing as well as production and imports/exports of petroleum products by oil companies are analyzed on a monthly basis to assess the domestic availability of petroleum products in the country for consumption.

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### Highlights

- Indigenous crude oil and condensate production during January 2019 was lower by 4.3% than that of January 2018. ONGC, OIL and PSC fields registered de-growth of 3.8%, 10.7% and 3.3% respectively during January 2019 as compared to January 2018. On cumulative basis de-growth of 3.8% was registered during April 2018 – January 2019 over the corresponding period of the previous year.
- Total crude oil processed during January 2019 was 21.9 MMT, which was a decrease of 3.6% over January 2018. On cumulative basis an increase of 1.8% was registered in the total crude oil processed during April 2018 – January 2019 over the corresponding period of the previous year.
- Production of petroleum products during January 2019 saw a de-growth of 2.6% over January 2018. On cumulative basis an increase of 3.4% was registered in the total production of petroleum products during April 2018 – January 2019 over the corresponding period of the previous year.
- Crude oil imports decreased by 1.9% during January 2019 and increased by 3.2% during April 2018 – January 2019 as compared to the same period of the previous year.
- Product imports decreased by 3.6% during January 2019 and 10.1% during April 2018 – January 2019 over the corresponding period of the previous year. Decrease in POL product imports during April 2018 – January 2019 was mainly due to decrease in imports of HSD and petcoke.
- Exports of products decreased by 24.3% during January 2019 and 8.6% during April 2018 – January 2019 over the corresponding period of the previous year. Decrease in POL product exports during April 2018 – January 2019 was due to decrease in exports of MS, naphtha, HSD, LOBS/lube Oil, FO, bitumen and VGO.

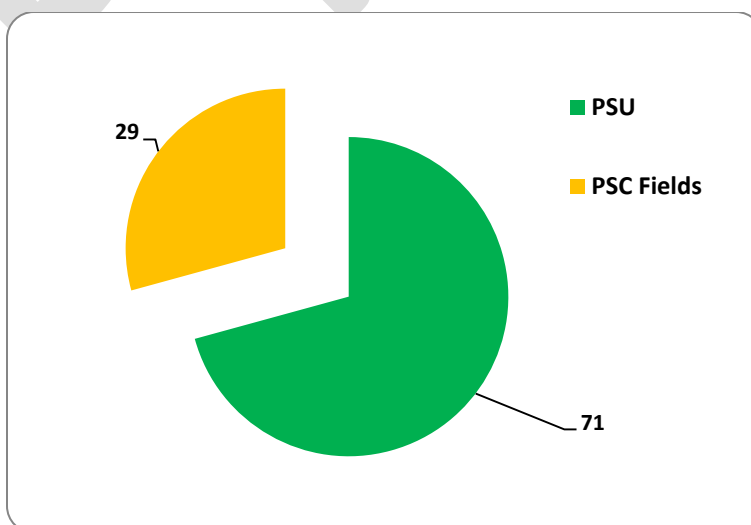
## 2. Indigenous crude oil and condensate production

2.1. Production of indigenous crude oil and condensate registered a de-growth of 4.3% during January 2019 as compared to January 2018 and a de-growth of 3.8% during April 2018 – January 2019 as compared to April 2017 – January 2018.

- OIL's crude oil production in January 2019 was lower by 10.7% as compared to the production during January 2018. OIL's crude oil production registered a de-growth of 2.2% during April 2018 - January 2019 as compared to the corresponding period of the previous year.
- In case of ONGC, crude oil and condensate production in January 2019 was lower by 3.8% as compared to January 2018. De-growth of 5.4% in production was recorded during April 2018 - January 2019 vis- a- vis April 2017- January 2018.
- Indigenous crude oil and condensate production under PSC fields decreased by 3.3% during January 2019 as compared to January 2018. On cumulative basis the PSC field's production during April 2018 - January 2019 was 0.6% lower than the crude oil and condensate production during April 2017 - January 2018.

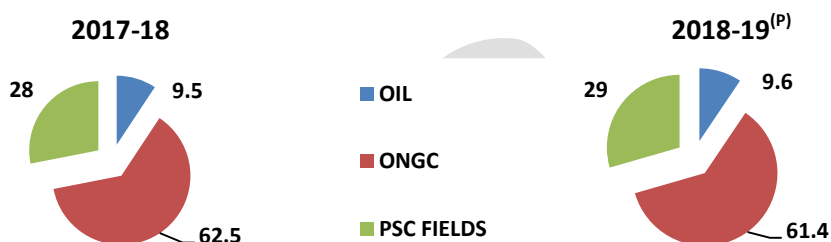
The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April 2018 - January 2019 <sup>(P)</sup> is shown in figure-1 below:

**Figure-1; Percentage share in crude oil and condensate production; April 2018 – January 2019<sup>(P)</sup>**



The percentage share of ONGC in overall crude oil production including condensate decreased during April 2018 - January 2019<sup>1)</sup> as compared to April 2017- January 2018 while the share of OIL and PSC fields increased during April 2018 - January 2019 as compared to April 2017 - January 2018. The comparison is shown in figure-2 below:

**Figure-2; Percentage share in crude oil production: April – January**



### 3. Crude oil processing by Oil Companies

3.1. Total crude oil processed by Indian refineries was 21.9 MMT during January 2019 and 214.6 MMT during April 2018 - January 2019.

- During January 2019 crude oil processed was lower by 3.6% over January 2018. However during April 2018 - January 2019 crude oil processed was higher by 1.8% over the corresponding period of the previous year.
- Refineries processed 74.4% of high sulphur crudes during January 2019 as compared to 77.1% in January 2018. During April 2018 - January 2019, 75.8% high sulphur crudes were processed against 74.7% in the corresponding period of the previous year.
- Based on processing of indigenous crude oil/condensate and the country's domestic POL consumption, self-sufficiency of petroleum products was 15.3% in January 2019 against 16.9% during January 2018. During April 2018 - January 2019 self-sufficiency was 16.3% against 17.2% during the corresponding period of the previous year.

## 4. Production of Petroleum Products

4.1. Details of production of petroleum products are given in Table-1.

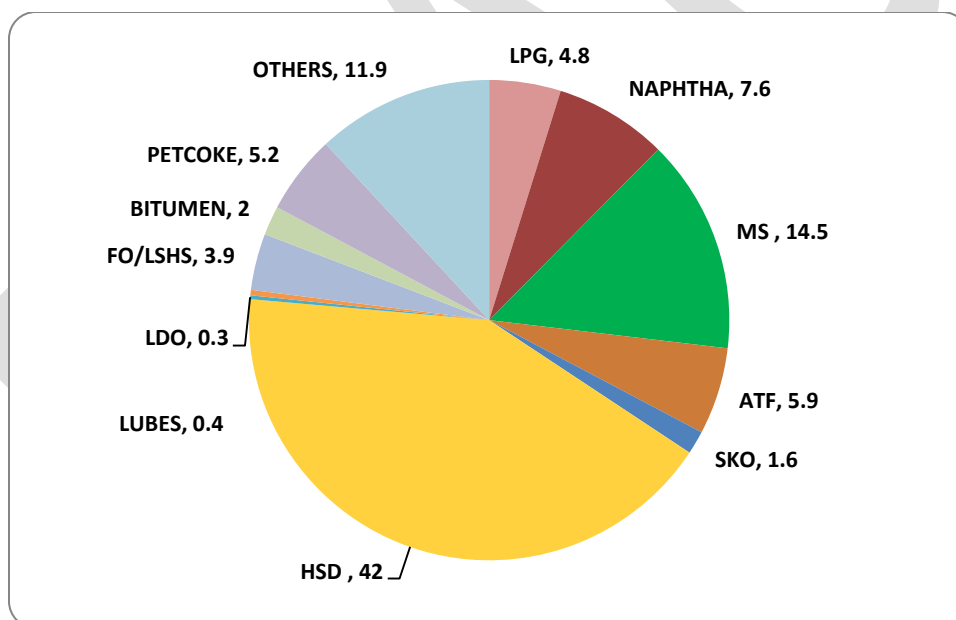
<b>Table-1; Production of petroleum products</b>		
<i>(Thousand Metric Tonnes)</i>		
<b>PRODUCTS</b>	<b>January 2019 <sup>(P)</sup></b>	<b>April 2018 – January 2019<sup>(P)</sup></b>
LPG	1108	10582
NAPHTHA	1602	16565
MS BS-IV	2019	19719
MS BS-VI	51	519
MS Others	1193	11447
ATF	1373	12898
SKO	361	3443
HSD BS-IV	6238	58780
HSD BS-VI	40	678
HSD Others	3022	32635
LDO	58	562
LUBES	72	786
FO	1008	8191
LSHS	36	341
BITUMEN	555	4416
RPC(Petcoke)	1010	11462
Others	2589	26002
<b>TOTAL</b>	<b>22335</b>	<b>219024</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.*

- Production of petroleum products from refineries and fractionators decreased by 2.6% in January 2019 and increased by 3.4% in April 2018 - January 2019 over the corresponding period of the previous year.
- LPG production registered a de-growth of 1.7% during January 2019 over January 2018. However growth of 3.4% was registered during April 2018 - January 2019 over the corresponding period of the previous year.
- Naphtha production registered a de-growth of 10.4% and 1.5% respectively during January 2019 and April 2018 - January 2019 over the corresponding period of the previous year.

- FO production increased by 36.5% during January 2019 over January 2018. However a decrease of 3.9% was registered during April 2018 - January 2019 over the corresponding period of the previous year.
- Bitumen production registered a growth of 5.9% during January 2019 and growth of 7.4% during April 2018 - January 2019 over the corresponding period of the previous year.
- Petcoke production decreased by 20.5% during January 2019 over January 2018 and by 1.6% during April 2018 - January 2019 over the corresponding period of the previous year.
- The percentage share of various products in total POL production during April 2018 - January 2019 is shown in figure-3 below:

**Figure-3; Percentage share of POL products in production; April 2018 – January 2019<sup>(P)</sup>**



LPG, MS, ATF, SKO and HSD accounted for 68.8% of total POL production during April 2018 - January 2019.

## 5. Import of Crude oil and Petroleum Products

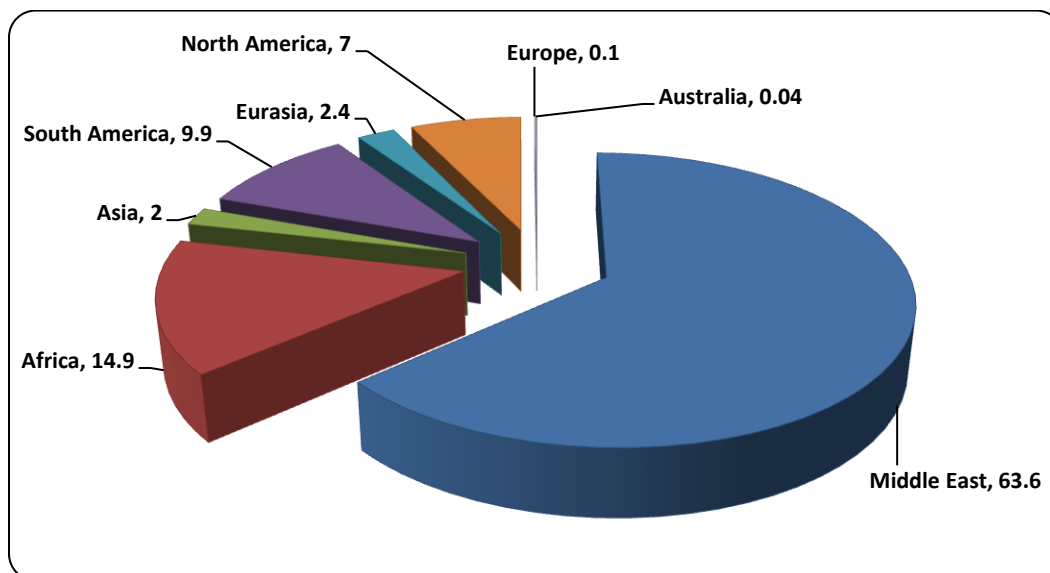
5.1 Details of import of crude oil and petroleum products are given in Table-2 below:

Table-2; Import of Crude oil and Petroleum Products		
<i>( Thousand Metric Tonnes )</i>		
IMPORT	January 2019 <sup>(P)</sup>	April 2018 – January 2019 <sup>(P)</sup>
Crude oil	19685	190211
<b>PRODUCT #</b>		
LPG	1060	10572
MS/ Petrol	66	421
Naphtha	178	1889
ATF	26	269
HSD	6	225
LOBS/Lube oil	234	2284
Fuel Oil	51	1198
Bitumen	79	701
Petcoke	775	6714
Others\$	311	2803
<b>TOTAL</b>	<b>2787</b>	<b>27075</b>
<p><i>""Notes: (P): Provisional. Source : Oil Companies &amp; DGCLIS</i></p> <p><i># October 2018 to January 2019 private import (POL) quantity prorated on the basis of October 2017-September 2018 actual data provided by DGCLIS.</i></p> <p><i>\$ Others include SKO, Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc.</i></p>		

- Crude oil imports decreased by 1.9% during January 2019 and increased by 3.2% during April 2018-January 2019 as compared to the same period of the previous year.
- Crude oil imports from OPEC countries decreased to 82.9% of total imports during April 2018-January 2019 as compared to 83.0% during April 2017-January 2018.
- Crude oil imports by PSU/JV increased by 3.1% and 8.1% during January 2019 and April 2018-January 2019 respectively over the corresponding period of the previous year.
- Crude oil imports by private companies decreased by 9.6% and 4.4% during January 2019 and April 2018-January 2019 respectively over the corresponding period of the previous year.

- Region wise crude oil import share during April 2018-January 2019 is given in figure-4.

**Figure-4; Region wise percentage share of crude oil imports: April 2018 - January 2019 <sup>(P)</sup>**

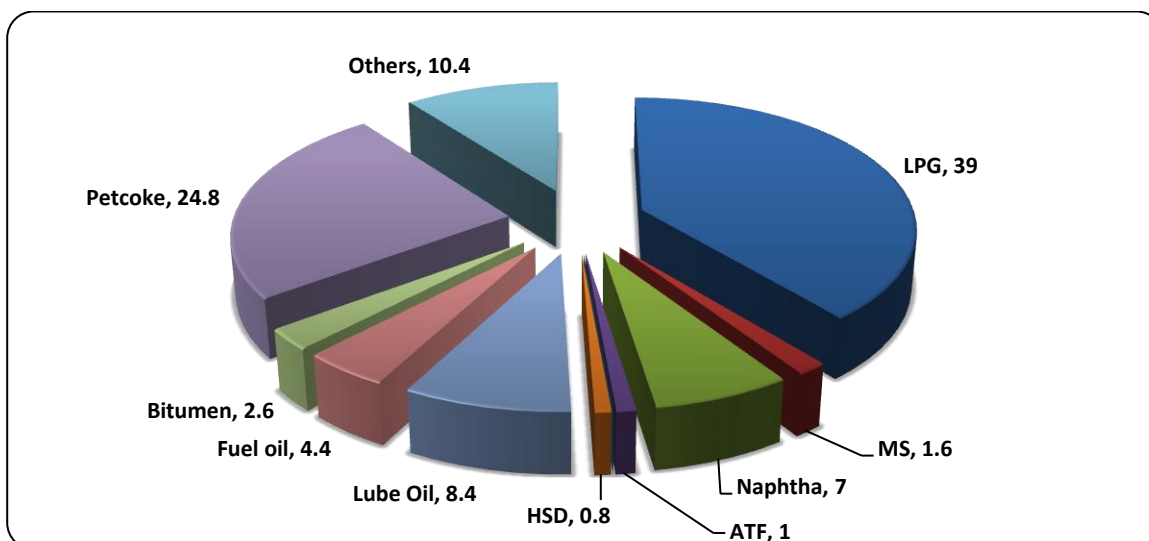


- Product imports decreased by 3.6% during January 2019 and 10.1% during April 2018-January 2019 over the corresponding period of the previous year. Decrease in POL product imports during April 2018-January 2019 was mainly due to decrease in imports of HSD and petcoke.
- Imports of LPG and pet coke accounted for 65.9% share of the total petroleum product imports during January 2019, while LPG alone accounted for 38.0% of total POL imports. Further, 98.5% of total LPG imports were from the Middle Eastern region during April 2018 -January 2019.
- Petcoke imports, with a percentage share of 27.8% of total POL imports registered a de-growth of 4.6% during January 2019 as compared to January 2018.
- Imports of naphtha decreased by 51.2% during January 2019 as compared to January 2018. Private sector accounted for 92.6% of the total naphtha imports during April 2018-January 2019.
- Imports of LOBS/Lube oil decreased by 1.4% during January 2019 as compared to January 2018. Private sector accounted for 96.1% of the total LOBS/Lube oil imports during April 2018-January 2019.



- The percentage share of all major products in the imports of the country during April 2018-January 2019 is shown in figure-5.

**Figure-5; Percentage share of petroleum products in imports April 2018-January 2019 <sup>(P)</sup>**



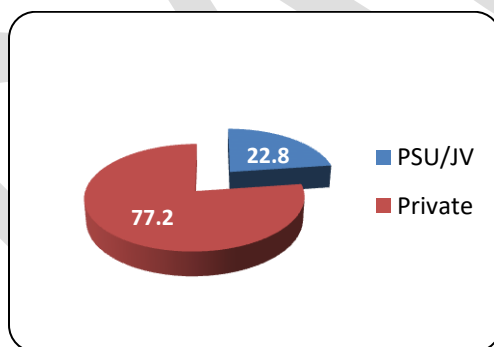
## 6. Export of Petroleum Products

6.1 The details of export of petroleum products are given in Table-3 below:

<b>Table-3; Export of major petroleum products</b>		
<i>( Thousand Metric Tonnes)</i>		
<b>PRODUCT</b>	<b>January 2019 <sup>(P)</sup></b>	<b>April 2018 – January 2019 <sup>(P)</sup></b>
LPG	40	340
MS	1044	10702
Naphtha	456	6077
ATF	606	6148
SKO	2	16
HSD	1837	23290
LDO	0	99
LOBS/Lube oil	1	6
Fuel Oil	270	2030
Bitumen	0	17
Pet Coke	86	883
VGO	92	364
Others <sup>#</sup>	112	1465
<b>TOTAL EXPORT</b>	<b>4544</b>	<b>51436</b>
<i>Note: (P): Provisional. Source : Oil Companies</i>		
<i># Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.</i>		

- Exports of products decreased by 24.3% during January 2019 and 8.6% during April 2018 – January 2019 over the corresponding period of the previous year. Decrease in POL product exports during April 2018-January 2019 was due to decrease in exports of MS, naphtha, HSD, LOBS/lube Oil, FO, bitumen and VGO mainly due to increase in domestic consumption of MS, naphtha and HSD.
- HSD exports decreased by 32.1% and 8.2% during January 2019 and April 2018-January 2019 respectively over the corresponding period of the previous year.
- MS exports decreased by 12.7% and 7.8% during January 2019 and April 2018-January 2019 respectively over the corresponding period of the previous year.
- Percentage share of POL exports by PSU/JV and private oil companies during April 2018 - January 2019 is given in figure -6.

**Figure-6; Percentage share of PSU/JV and private oil companies in POL exports: April 2018 – January 2019<sup>(P)</sup>**



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