



Petroleum Planning & Analysis Cell
Ministry of Petroleum & Natural Gas, Government of India



JUNE 2021

Industry POL and NG Consumption Report



Contents

Consumption	4
All Products:.....	4
Petrol/Motor Spirit (MS):.....	5
Other Factors impacting consumption of MS:.....	6
High Speed Diesel (HSD):	7
Other Factors impacting consumption of HSD:	9
Kerosene:.....	11
Bitumen:	12
LPG:.....	13
Naphtha:.....	14
ATF:.....	15
Furnace oil & Low sulphur heavy stock (FO/LSHS):	15
Petcoke:	15
LDO:	16
Natural Gas:	16

Highlights

The month of June 2021 saw normalcy being restored as the second wave of COVID-19 subsided. With subsiding new cases and high number of vaccinations administered during the month, the economy has started moving towards recovery, though a few local restrictions continued to remain in few states/UTs to contain the pandemic.

The summary of product-wise POL consumption pattern during the month of June 2021 is as follows.

1. The consumption of petroleum products in June 2021 with a volume of 16.3 MMT recorded a growth of 1.5% over a volume of 16.1 MMT in June 2020. Trade and business started moving towards normalcy with the subsiding of COVID-19 cases during the month.
2. MS (Petrol) consumption during the month of June 2021 with a volume of 2.4 MMT (0.71 million barrels per day, mbpd) registered a growth of 5.6% over the volume of 2.3 MMT (0.68 mbpd) in June 2020. The growth in consumption can be attributed to opening up of economic activities as the second wave subsided and an increased preference for personal mobility. The Sale of Passenger Vehicles in June 2021 grew by 119% MoM over June 20 sale of 105,617 PVs. There was 4% growth in the two wheelers sales MoM but 1091 Electric 2 Wheelers were sold in June 2021 as compared to a sale of only 30 electric 2Ws in June 2020.
3. HSD (Diesel) consumption during the month of June 2021 with a volume of 6.2 MMT (1.57 mbpd) recovered to 98.5% of the volume of 6.3 MMT (1.60 mbpd) in the month of June 2020. Industries continued to operate under restricted manpower in the states/UTs with local lockdown restrictions in place to contain the pandemic. The power demand in June 2021 increased by 8.6% as compared to June 2020 and power deficit decreased to -0.3% as compared to -0.4% in the month of June 2020. Rainfall during the month was 10% above the normal. A growth of 19.5% was recorded in port traffic during June 2021 as compared to June 2020.
4. LPG consumption during the month of June 2021 with a volume of 2.3 MMT recorded a growth of 9.7% against a volume of 2.1 MMT in the month of June 2020. The growth in LPG consumption during the month can be attributed to higher consumption by PMUY customers.
5. ATF consumption during June 2021 with a volume of 0.3 MMT registered a growth of 16.5% over a volume of 0.2 MMT during the month of June 2020. Domestic air travel remained limited to essential travelling while international air travel remained restricted during the month.
6. Bitumen consumption during June 2021 with a volume of 0.5 MMT recovered to 67.8% of volume of 0.8 MMT in the month of June 2020. Road construction projects have started a slow recovery after the second wave of COVID-19 as local restrictions ease.
7. Kerosene (SKO) consumption registered a de-growth of -15.6% in June 2021 as compared to June 2020. Ten States/UTs have gone kerosene free while the states of Uttrakhand and Telangana registered nil sales of PDS SKO during the month.
8. Consumption of Natural Gas with a volume of 5.0 BCM during the month of June 2021 recovered to 98.0% of the volume of 5.1 BCM in the month of June 2020.

This report analyses the trend of consumption of petroleum products in the country during the month of June 2021. Data on product-wise monthly consumption of petroleum products for June 2021 is uploaded on the PPAC website (www.ppac.gov.in) and on the mobile app “PPACE (PPAC-Easy)”. A small summary of Natural Gas consumption is also provided. Detailed NG production and consumption reports are available at www.ppac.gov.in.

Consumption

The growth (%) in consumption of petroleum products, category-wise, for the month of June 2021 is given in Table-1.

Table-1: Petroleum Products Consumption (Quantity in TMT)

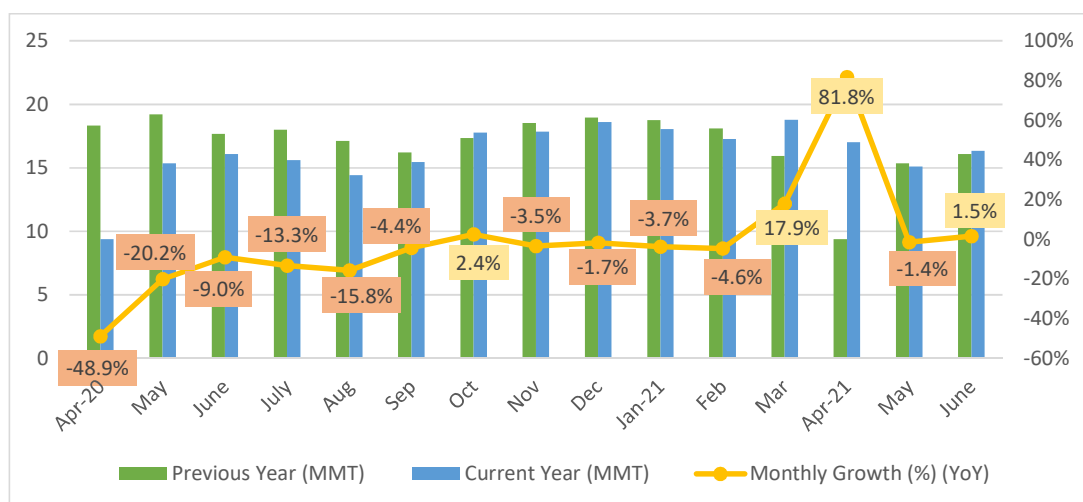
Product Type	Share %	June - 2020	June - 2021	Growth (%)	Products included
Sensitive Products	14.7	2224	2399	7.9	SKO & LPG
Major Decontrolled Products	70.3	11615	11488	-1.1	HSD, MS, Naphtha, Lubes, LDO, FO/LSHS, Bitumen & ATF
Minor Decontrolled Products	15.0	2250	2448	8.8	Petcoke & other minor products
Total	100	16089	16335	1.5	

All Products:

Overall consumption of all petroleum products in June 2021 with a volume of 16.3 MMT recorded a growth of 1.5% over the volume of 16.1 MMT in June 2020. The products which registered a growth in the month of June 2021 were LPG 9.7%, Petrol (MS) 5.6%, Aviation Turbine Fuel (ATF) 16.5%, Furnace Oil & Low Sulphur Heavy Stock (FO/LSHS) 2.1%, Lubes & Greases 15.8%, Light Diesel Oil (LDO) 53.6%, Pet coke 13.4% and products categorised under “Others” category 1.0% while the products which registered de-growth during the month were Diesel (HSD) -1.5%, Naphtha -3.1% and Bitumen -32.2%. Kerosene (SKO) recorded a de-growth of -15.6% during the current month as compared to June 2020.

Figure-1 gives a comparison of monthly POL consumption (MMT) and growth (%) since April 2020.

Figure-1: Comparison of monthly POL consumption (MMT) and growth (%) since April 2020



PPAC analyzes the sales recorded by the Industry and domestic sales by SEZ units based on available data. Data on direct private imports is received from DGCIS, which is added to the final sales reported by oil companies and domestic sales by SEZ units, for estimation of consumption figures, are available up to June 2020. Private imports data for July 2020 to June 2021 are projected based on July 2019 to June 2020 actual data.

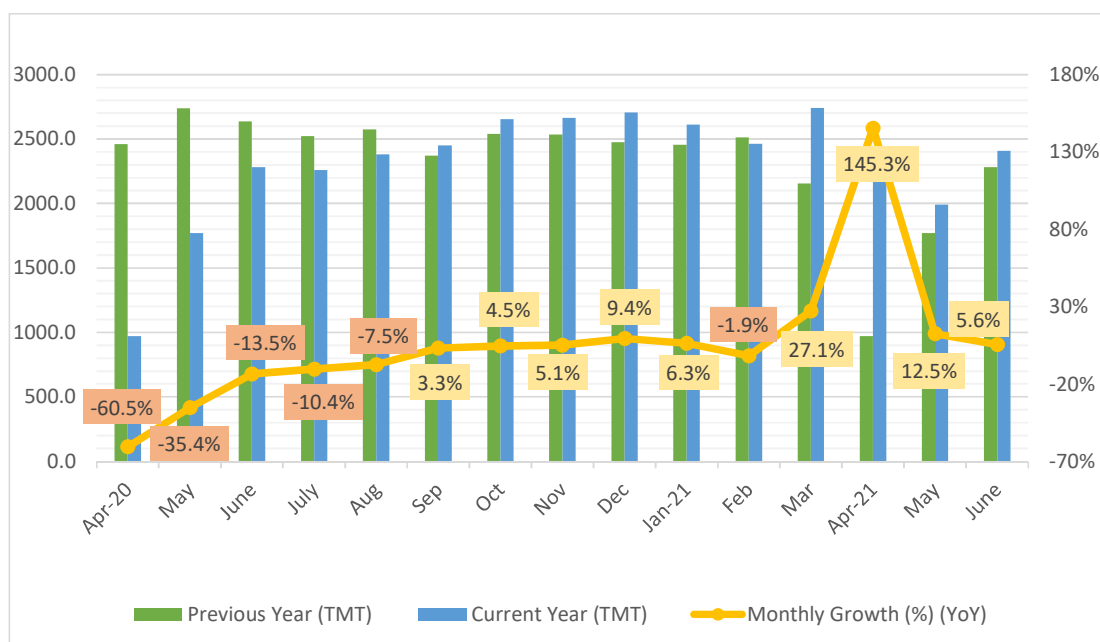
Petrol/Motor Spirit (MS):

MS (Petrol) consumption during the month of June 2021 with a volume of 2.4 MMT recorded a growth of 5.6% over the volume of 2.3 MMT in June 2020. Major factors contributing to MS consumption during the month are as follows:

- There has been a free movement of people in both urban and rural markets except for local restrictions imposed by few state/UTs like night curfews and weekend lockdowns.
- Personal mobility has again gained traction after the second wave of COVID-19.
- Economic activities and associated movement of people has been unrestricted in most part of the country during the month.

Figure-2 gives month-wise MS consumption volume (TMT) and month-on-month growth (%) since April 2020.

Figure-2: Month wise MS consumption (TMT) and growth (%) since April 2020



Other Factors impacting consumption of MS:

Passenger Vehicle Sales:

The passenger vehicle sales during the month of June 2021 with a sale of 2.3 Lac vehicles has clocked a growth of 119.3% over its historical sale of 1.1 Lac vehicles during the month of June 2020 due to low base of last year, revived personal mobility and pent up demand of the previous months. Both passenger cars and utility vehicles have been growth drivers for the passenger vehicles during the month.

Passenger car, utility vehicles and vans recorded a growth of 118.7%, 118.1% and 142.3% respectively during the current month as compared to the same period previous year.

Table-2: Passenger vehicle sales in the month of June 2021

Vehicle Segment	June		
	2020-21	2021-22	Growth %age
Passenger Cars	55,497	121,378	118.7
Utility Vehicles	46,201	100,760	118.1
Vans	3,919	9,495	142.3
Total PV	105,617	231,633	119.3

Two Wheeler Sales:

The two-wheeler sales during the month of June 2021 with a sale of 10.6 Lac vehicles has clocked a growth of 4.0% over its historical sale of 10.1 Lac vehicles during the month of June 2020 due to low base during lockdown. Personal mobility has been a key driver in the growth seen in the two-wheeler sales during the month.

Motor cycle sales registered a growth of 10.3%, while Scooters/Scooterette and Mopeds registered a de-growth of -10.4% and -11.6% respectively during the current month as compared to the same period previous year.

Table-3: Two Wheelers vehicle sales in the month of June 2021

Vehicle Segment	June		
	2020-21	2021-22	Growth %ge
Scooters/Scooterette	269,812	241,689	-10.4
Motor Cycles	704,365	777,100	10.3
Mopeds	40,620	35,897	-11.6
Electric Two Wheelers	30	1,091	3536.7
Total 2 Wheelers	1,014,827	1,055,777	4.0

High Speed Diesel (HSD):

HSD (Diesel) consumption during the month of June 2021 with a volume of 6.2 MMT recovered to 98.5% of the volume of 6.3 MMT in the month of June 2020.

Factors affecting diesel consumption during the current month:

- Economic activities increased steadily with manpower availability and a robust supply chain.
- The drop in COVID-19 cases during the month has helped revive consumer demand for both goods and services.
- Heavy rainfall in states like Madhya Pradesh, Uttar Pradesh, Bihar etc has adversely affected agriculture related activities.
- Sectoral analysis of direct consumer segment indicated that consumption of diesel during June 2021 has grown in manufacturing and mining activities by 2.7% and 21.0% respectively of its level in in the month of June 2020.

Figure-3 gives month-wise HSD consumption volume (TMT) and month-on-month growth (%) since April 2020.

Figure-3: Month-wise HSD consumption (TMT) and growth (%) since April 2020

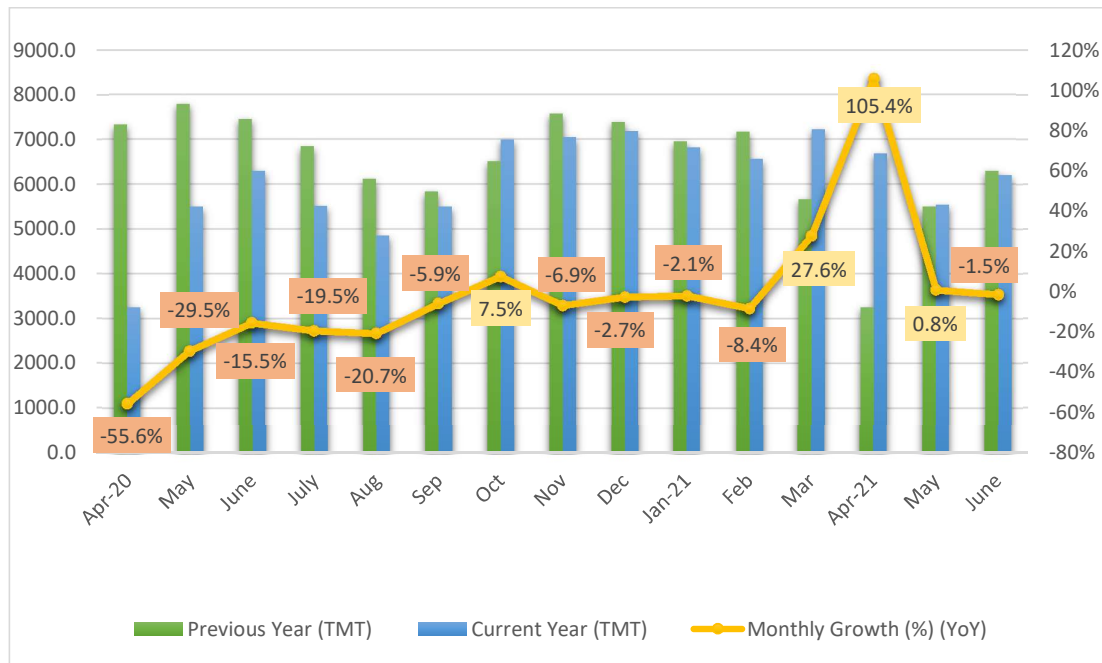
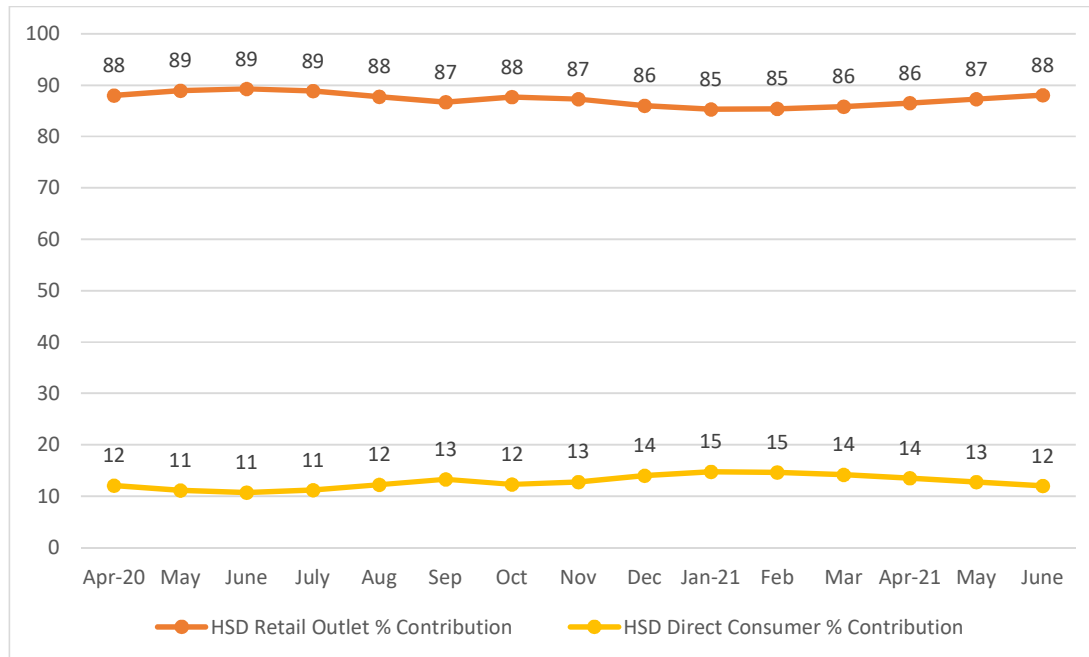


Figure-4 gives a comparison of month-wise percentage of HSD consumption through retail outlets and direct consumer business since April 2020.

Figure-4: Share of Retail & Direct business (%) in Diesel consumption month-wise since April 2020



Other Factors impacting consumption of HSD:

Commercial Vehicle

Based on data reported by individual companies, there has been growth of over 200% in sales of commercial vehicles in the month of June 2021 as compared to June 2020. Economic activities moving towards normalization has been a growth driver for volumes in the month of June 2021.

Tractor Sale:

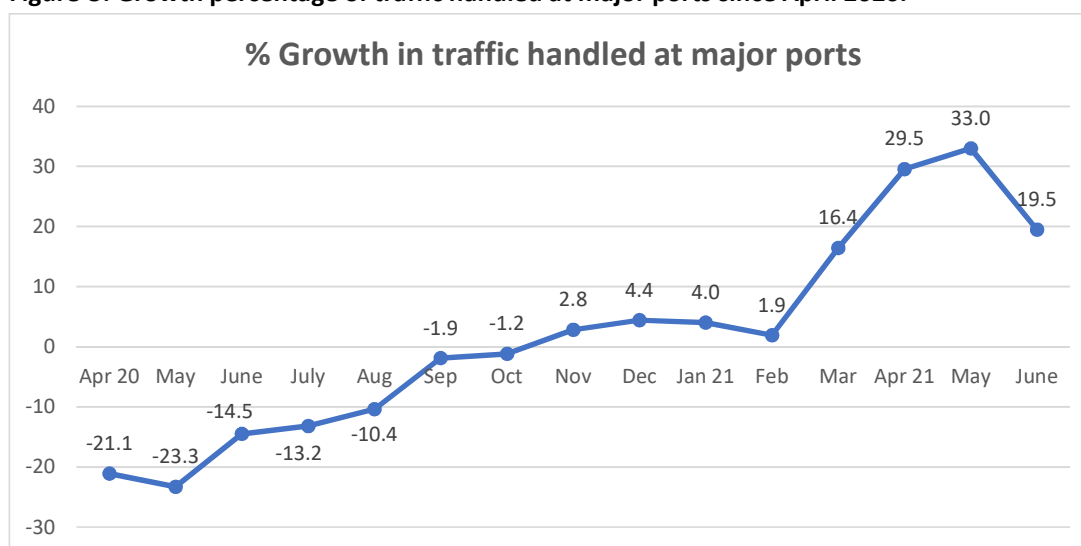
Similarly, tractor sales as reported by major individual companies in the month of June 2021 have shown a growth owing to good monsoon, government support for agriculture activities and drop in COVID cases.

Port Traffic:

The traffic handled at major ports in India recorded a growth of 19.5% and together handled 58.6 MMT of cargo during June 2021 as against 49.1 MMT handled during the corresponding period of the previous year. There has been a growth in traffic handled at major ports for eight consecutive month.

Figure-5 gives a trend in % growth of traffic handled at major ports since April 2020.

Figure-5: Growth percentage of traffic handled at major ports since April 2020.



Growth was observed in cargo handled during the month of June 2021 in the port of Kolkata & Haldia 5.4%, Paradip 2.5%, Visakhapatnam 8.8%, Kamarajar (Ennore) 69.8%, Chennai 44.9%, Cochin 14.8%, New Mangalore 29.4%, Mumbai 24.5%, JNPT 48.5% and Deendayal (Kandla) 31.4%.

During the period April - June 2021, growth was registered in Petroleum Oil & lubricants (POL) 8.7%, other liquids 36.9%, iron ore 14.3%, fertilizer raw 27.8%, thermal & steam coal 52.4%, coking & others coal 15.6%, containers 56.9% and miscellaneous cargo 27.7%. Commodity-wise, the percentage share of POL was maximum i.e. 29.0%, followed by container 22.9%, thermal & steam coal 14.9%, other miscellaneous cargo 10.5%, iron ore & pellets 9.8%, coking & other coal 6.9%, other liquids 3.9%, raw fertilizer 1.1% and fertilizer finished 1.0%.

Table-4: Traffic handled at major ports in June 2021

Ports	June 2020	June 2021	Growth (%)
Kolkata & Haldia	4,392	4,627	5.4
Paradip	9,637	9,877	2.5
Visakhapatnam	5,507	5,991	8.8
Kamarajar (Ennore)	1,941	3,296	69.8
Chennai	2,721	3,943	44.9
V.O. Chidambaranar	2,850	2,749	-3.5
Cochin	2,224	2,553	14.8
New Mangalore	2,478	3,206	29.4
Mormugao	1,481	1,139	-23.1
Mumbai	3,920	4,882	24.5
JNPT	4,071	6,044	48.5
Deendayal	7,860	10,326	31.4
Total:	49,082	58,633	19.5

Source: ipa.nic.in

Power situation:

The position of power supply for the month of June 2021 is given in Table-5. As per the data reported, power deficit position had reduced to -0.3% in the month of June 2021 from -0.4% in the month of June 2020. The deficit was mainly in the UT of J&K and Ladakh and the state of Uttar Pradesh. Also the requirement of power in June 2021 at 114,672 MU has recorded a growth of 8.6% over requirement of power at 105,606 MU in the month of June 2020.

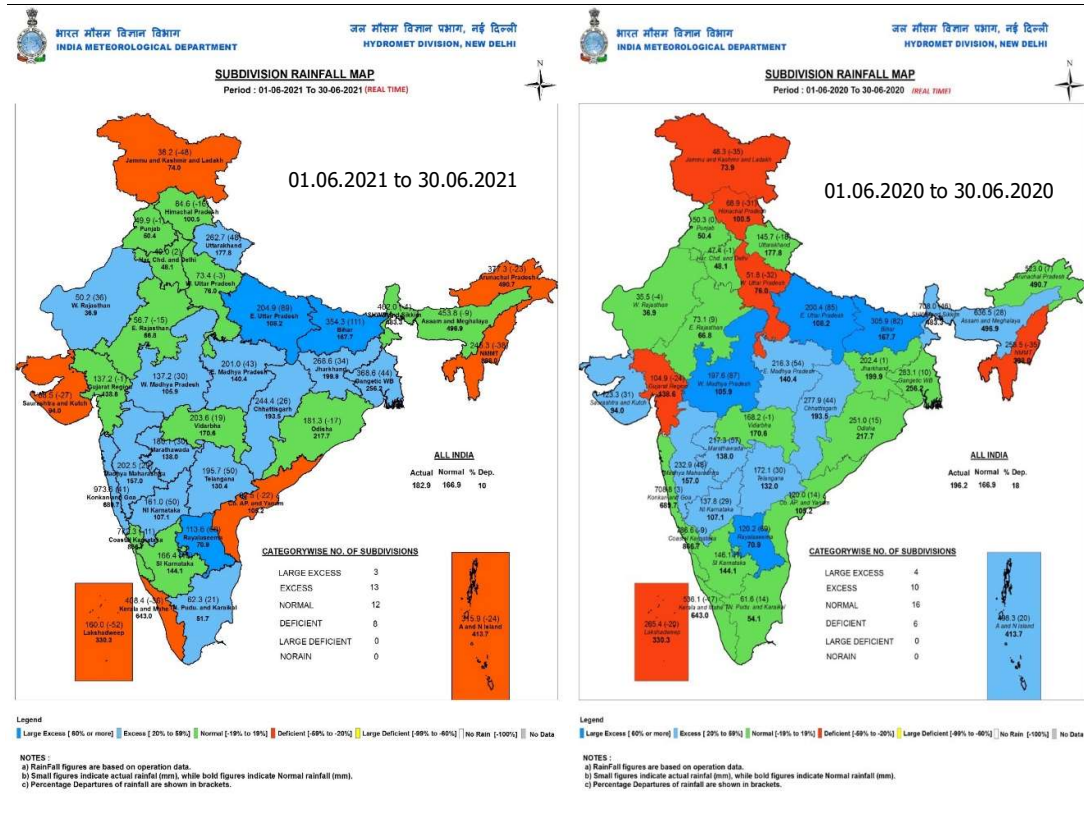
Table-5: Power supplied and deficit for June 2021

Region	June 2021		
	Requirement	Supplied (MU)	Deficit %
North	39,325	39,013	-0.8%
West	33,000	33,000	0.0%
South	27,549	27,542	0.0%
East	13,273	13,273	0.0%
North-East	1,525	1524	-0.1%
Total	114,672	114,352	-0.3%

Source: Central Electricity Authority (CEA)

Seasonal rainfall scenario:

The rainfall in the country during June 2021 was almost 10% above normal precipitation. A rainfall of 182.9 mm was recorded in the month of June 2021 as against a normal reading of 166.9 mm. Out of total 36 sub divisions, 28 divisions received from normal to large excess rainfall whereas 8 divisions received deficient to no rainfall.



Source: India Meteorological Department (IMD)

Kerosene:

Kerosene consumption registered a de-growth of -15.6% during the month of June 2021 as compared to June 2020. There are a total ten number of states/UTs who have voluntarily surrendered the PDS kerosene quota. All UTs except the UT of J&K and Ladakh and the states of Andhra Pradesh, Delhi, Haryana, Punjab, Uttar Pradesh and Rajasthan have been declared kerosene free. The states of Utrkhand and Telangana registered nil sales of PDS SKO during the month.

Figure-6 gives a comparison of SKO sales in PDS and Non-PDS since April 2020.

Figure-6: Month-wise PDS & Non PDS SKO consumption in share (%) since April 2020

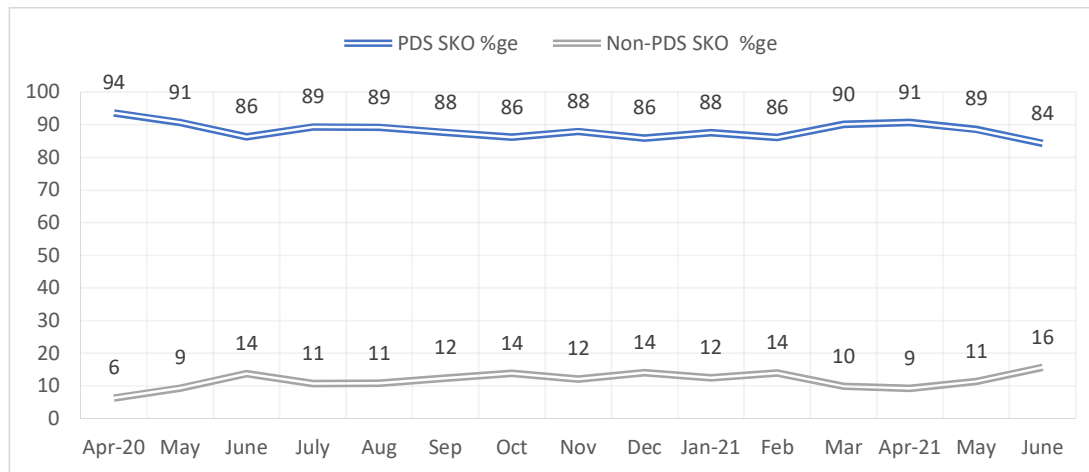
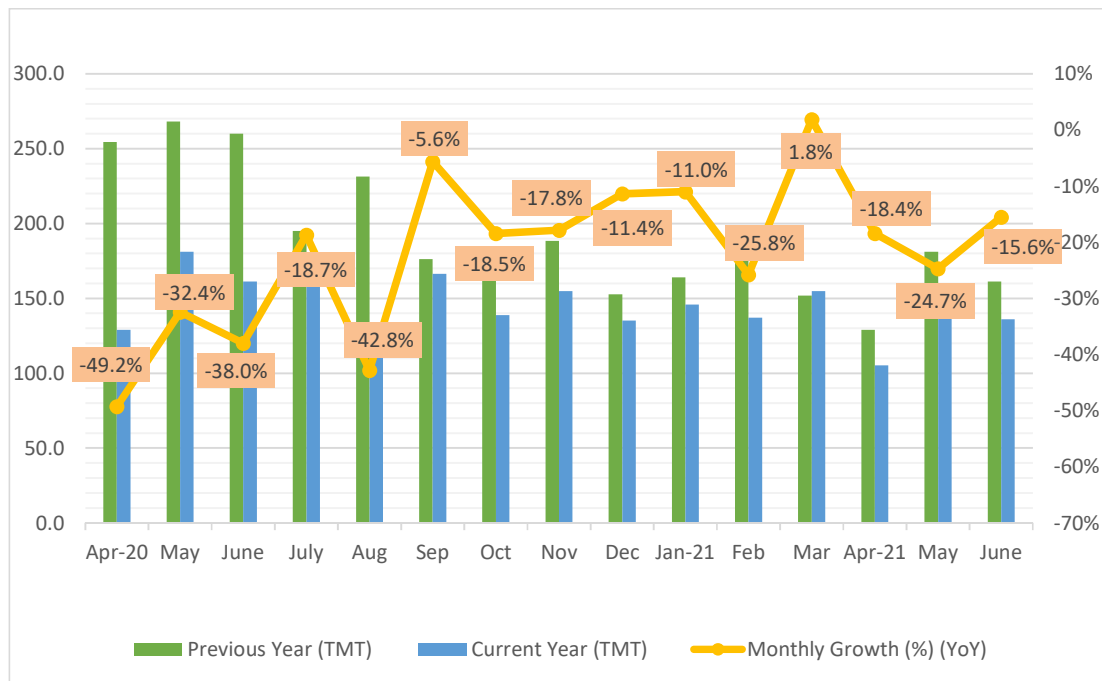


Figure-7 gives the month wise Kerosene consumption and growth since April 2020.

Figure-7: Month-wise Kerosene consumption (TMT) and growth (%) since April 2020

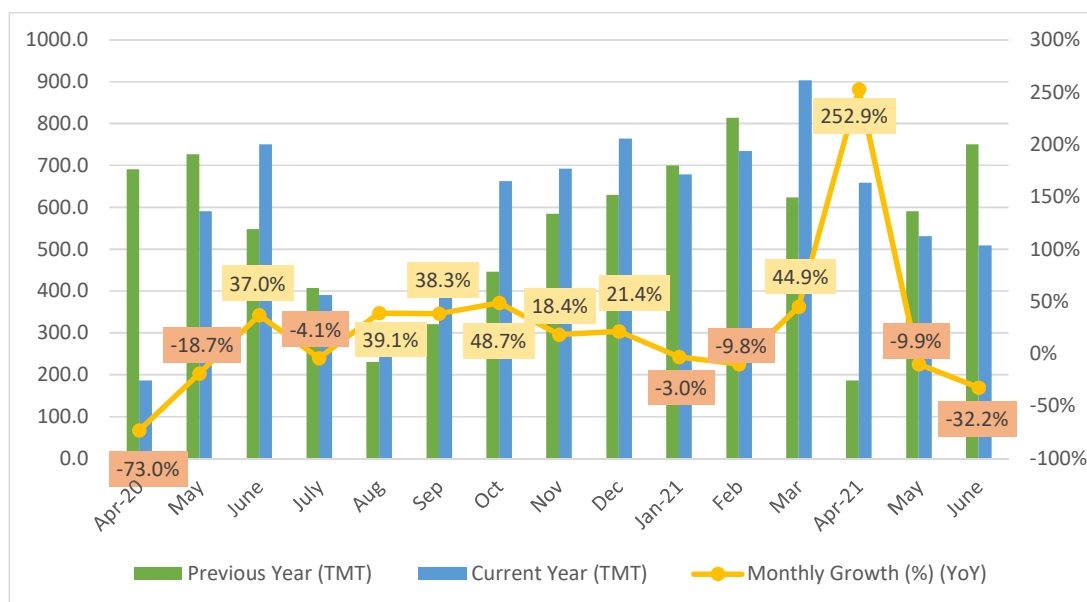


Bitumen:

Bitumen consumption during June 2021 with a volume of 0.5 MMT recovered to 67.8% of volume of 0.8 MMT in the month of June 2020. There has been a slow recovery in road construction projects as the second wave of COVID-19 subsided during the month.

Figure-8 gives the month wise bitumen consumption and growth since April 2020.

Figure-8: Month-wise Bitumen consumption (TMT) and growth (%) since April 2020



LPG:

Total LPG consumption recorded a growth of 9.7% during June 2021 and a cumulative growth of 1.2% during the period April - June 2021. Last year during Jun 2020, a growth of 15.0% was observed and the cumulative growth during April - Jun 2020 was 12.5%. During June 2021, out of the five regions, Northern region had the highest share in total PSU LPG sales of 30.1% followed by Southern region at 27.6%, Western region at 22.1%, Eastern region at 17.7% and North Eastern region at 2.5%.

PSU LPG Packed Domestic category recorded a growth of 6.4% during Jun 2021 and a cumulative de-growth of -2.7% during April - June 2021. Last year during June 2020, a growth of 23.0% was observed and the cumulative growth during April - June 2020 was 23.2%. During April - June 2021, around 13.7 lakh new connections and 11.8 lakh DBCs were released. A total of 8.0 crore BPL households have been covered under PMUY till 30.06.2021 since inception of the scheme. During June 2021, the region-wise share of LPG Packed Domestic consumption was highest in Northern region (31.0%) followed by Southern region (26.7%), Western region (21.2%), Eastern region (18.4%) and North-Eastern region (2.7%). During June 2021, the five states with the highest LPG-Packed domestic sales share were Uttar Pradesh (15.1%), Maharashtra (11.1%), Tamil Nadu (7.9%) West Bengal (7.3%), and Bihar (7.2%). During June 2021, percentage share of LPG-Packed Domestic was 90.9% of total PSU LPG sales whereas it was 93.5% in June 2020.

PSU LPG Packed Non-Domestic category recorded a growth of 55.9% in June 2021 and a cumulative growth of 74.8% during April - June 2021. Last year during June 2020, a de-growth of -41.5% was observed and the cumulative de-growth during April - June 2020 was -59.9%. Share of LPG Packed Non-Domestic in total PSU LPG Sales has increased to 7.1% in June 2021 from 5.0% in June 2020. Region-wise share of LPG Packed Non-Domestic consumption was highest in Southern region (34.3%) followed by Western region (32.3%),

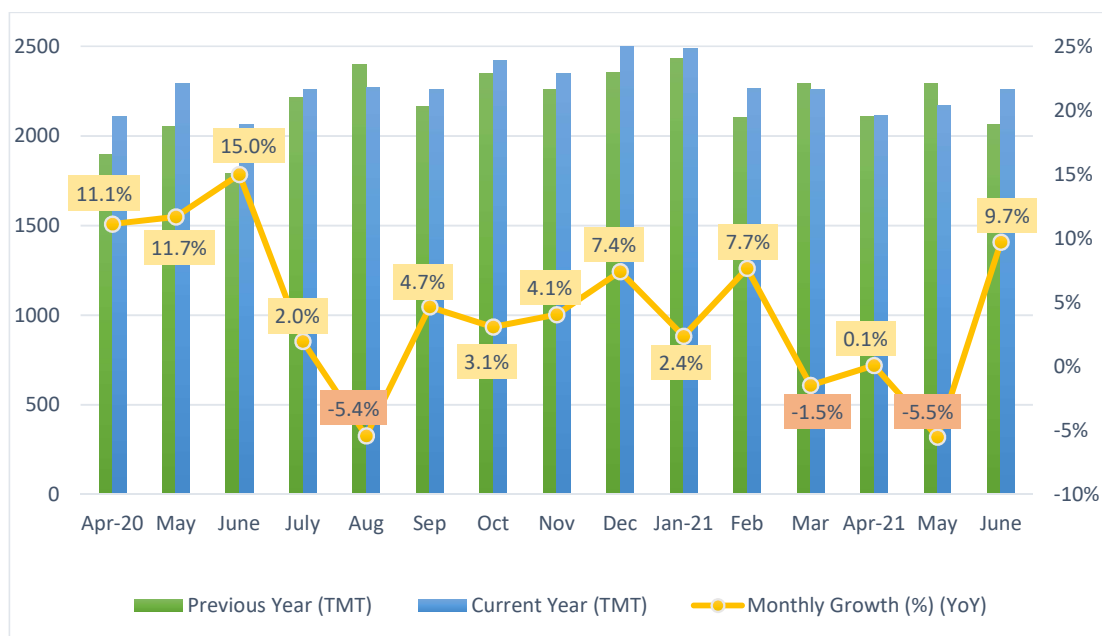
Northern region (25.8%), Eastern region (6.8%) and North-Eastern region (0.8%) during June 2021.

PSU Bulk LPG category registered a growth of 61.3% during June 2021 and a cumulative growth of 80.1% during April - June 2021. Last year in the month of June 2020, there was a growth of 42.9% while for the period April - June 2020, a de-growth of -21.0% was witnessed. Percentage share of Bulk LPG in total PSU LPG sales was 1.7% during June 2021 whereas it was 1.1% in June 2020.

PSU Auto LPG category registered a growth of 8.1% in June 2021 and a cumulative growth of 53.4% during April - June 2021. The sales volume decrease was about 0.4 TMT in June 2021 as compared to June 2020. Last year in the month of June 2020 a de-growth of -36.1% was observed while there was a cumulative de-growth of -65.7% during April - June 2020. During June 2021, the percentage share of Auto LPG was 0.4% of total PSU LPG sales which is the same as in June 2020.

Figure-9 gives the month-wise LPG consumption and growth since April 2020.

Figure-9: Month-wise LPG consumption (TMT) and growth (%) since April 2020



Naphtha:

Naphtha consumption during the month of June 2021 with a volume of 1.19 MMT recovered to 96.9% of volume of 1.23 MMT in the month of June 2020. Petrochemical industries remain the main consumers of naphtha. Naphtha is a feedstock for fertilizer and petrochemical industry and is also used as a fuel for electricity generation. Out of the total naphtha consumption of 1193 TMT during the month, petrochemical sector had consumed 913 TMT.

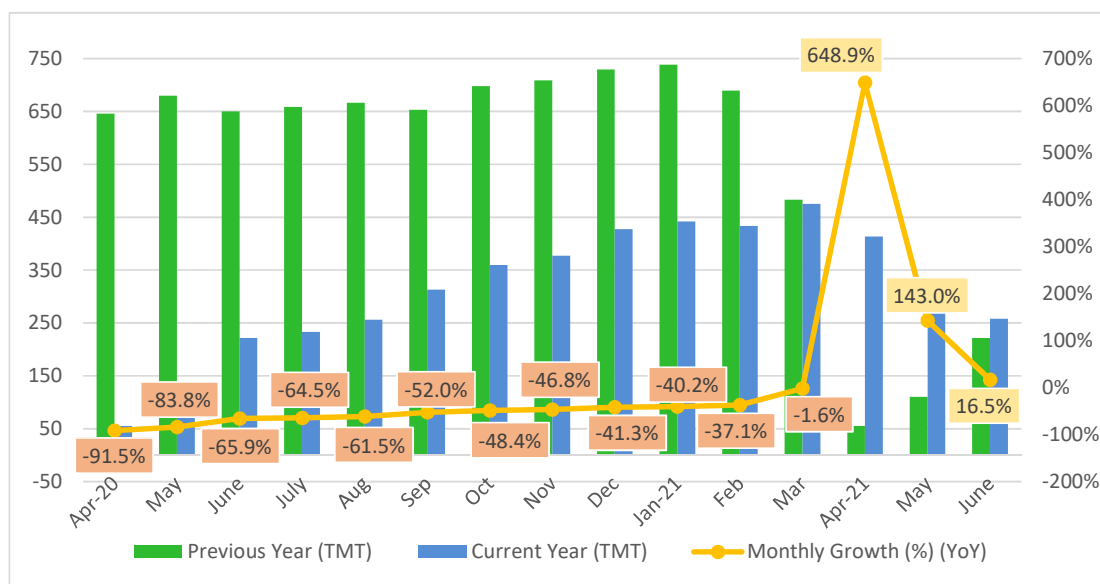
ATF:

ATF consumption during June 2021 registered a growth of 16.5% over the volume of June 2020. Domestic air travel remained limited to essential journeys, while international travel remained restricted during the month.

Passengers carried by domestic airlines during the month of June 2021 stood at 31.1 lakhs as against 19.8 lakhs during June 2020.

Figure-10 gives the month-wise ATF consumption and growth since April 2020.

Figure-10: Month-wise ATF consumption (TMT) and growth (%) since April 2020



Furnace oil & Low sulphur heavy stock (FO/LSHS):

FO/LSHS consumption during the month of June 2021 recorded a growth of 2.1% over volume in June 2020. Consumption of FO/LSHS is largely driven by manufacturing and other miscellaneous sector in addition to shipping, power, road transport, agriculture, mining and others. Manufacturing consumed 185 TMT, miscellaneous 185 TMT and shipping 90 TMT out of the total consumption of 533 TMT of FO/LSHS in the month of June 2021.

Petcoke:

Petcoke consumption during the month of June 2021 with a volume of 1.6 MMT registered a growth of 13.4% over the volume of 1.4 MMT in the month of June 2020. Directorate General of Foreign Trade (DGFT) under Ministry of Commerce and Industry has banned import of petcoke for use as fuel but has allowed its import only for use as feedstock in some select industries such as cement, lime kiln, calcium carbide and gasification industries. Manufacturing sector consumed 434 TMT and miscellaneous industrial uses

consumed 1020 TMT out of total 1604 TMT of petcoke consumed in the month of June 2021.

LDO:

LDO is extensively used in various types of furnaces. LDO consumption recorded a growth of 53.6% during June 2021 as compared to June 2020. Consumption in power generation 20 TMT and manufacturing 24 TMT were the major sectors contributing to the total consumption of 93 TMT LDO during the month.

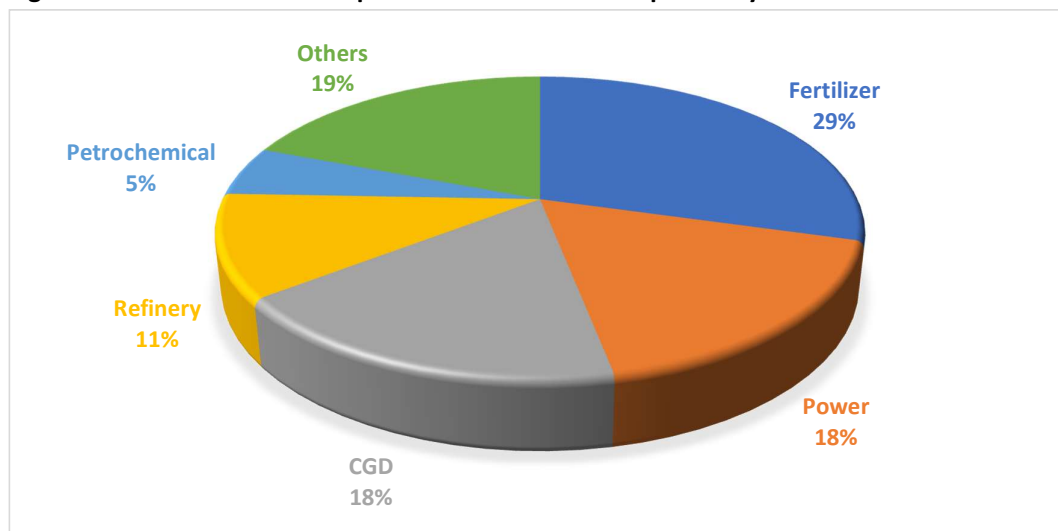
Natural Gas:

Natural Gas is used as a feedstock in several industries like fertilizers, plastics and other commercially important organic chemicals and also used as a fuel for electricity generation, heating purpose in industrial and commercial units. Natural gas is also used for cooking in domestic households and as a transportation fuel for vehicles. Consumption of Natural Gas with a volume of 5.0 BCM during the month of June 2021 recovered to 98.0% of the volume of 5.1 BCM in the month of June 2020.

Approximate sector wise consumption of Natural gas for the period of April - May 2021 were fertilizer (29%), power (18%), City Gas Distribution (CGD) (18%), refinery (11%), petrochemicals (5%) and others (19%).

Figure-11 gives the sector wise consumption of Natural Gas for April –May 2021.

Figure-11: Sector wise consumption of Natural Gas for April - May 2021



Industry Consumption Trend Analysis 2021-22 (Provisional)

('000 MT)

Product	June			April - June		
	2020-21	2021-22	Growth (%)	2020-21	2021-22	Growth (%)
(A) Sensitive Products						
LPG	2063	2263	9.7	6469	6544	1.2
SKO	161	136	-15.6	472	378	-19.9
Sub Total	2224	2399	7.9	6940	6922	-0.3
(B) Major Decontrolled Product						
HSD	6299	6203	-1.5	15044	18424	22.5
MS	2281	2409	5.6	5023	6786	35.1
Naphtha	1231	1193	-3.1	3014	3714	23.2
ATF	222	258	16.5	387	940	142.6
Bitumen	751	509	-32.2	1528	1699	11.2
FO/LSHS	522	533	2.1	1284	1547	20.5
Lubes+Greases	249	288	15.8	574	802	39.8
LDO	61	93	53.6	159	266	66.8
Sub Total	11615	11488	-1.1	27014	34178	26.5
Sub – Total (A + B)	13839	13887	0.3	33954	41100	21.0
(C) Other Minor Decontrolled Products						
Pet.Coke	1414	1604	13.4	4691	4780	1.9
Others*	836	844	1.0	2153	2606	21.0
Sub Total	2250	2448	8.8	6844	7385	7.9
Total	16089	16335	1.5	40798	48485	18.8

*Others include sulphur, propylene, propane, reformat, butane, MTO (Mineral Turpentine oil) etc