



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

Industry POL & NG Consumption Report



Contents

Highlights	3
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:.....	8
Kerosene:.....	11
Bitumen:.....	12
LPG:	13
Naphtha:.....	14
ATF:	14
Furnace oil & Low sulphur heavy stock (FO/LSHS):	15
Petcoke:.....	15
LDO:	16
Natural Gas:	16

Highlights

The month of September 2021 saw a rise in economic activities led by rural markets. Goods and Services Tax collection during the month crossed the 1 lakh crore for third straight month indicating a consistent recovery in economic activities. India's merchandise exports during the month of September 2021 stood at a value of USD 33.4 billion with a growth of 21% as compared to September 2020.

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

1. The consumption of petroleum products in September 2021 with a volume of 15.9 MMT recorded a growth of 5.2% over a volume of 15.1 MMT in September 2020. The consumption has been driven by increased mobility and industrial activities during the month.
2. MS (Petrol) consumption during the month of September 2021 with a volume of 2.6 MMT (0.77 million barrels per day, mbpd) registered a growth of 6.0% over the volume of 2.5 MMT (0.73 mbpd) in September 2020. Increased movement of people in urban areas owing to opening up of most of the offices and inclination towards personal mobility has led the growth. The Sale of Passenger Vehicles in September 2021 stood at 1.6 lacs with a de-growth of -41.2% over the same period last year, mainly owing to cut in productions due to worldwide semiconductor shortages. Two-wheeler sales with a volume of 15.3 lacs during September 2021 registered a MOM growth of 14.8% over the volumes in August 2021. Further 1,408 Electric 2 Wheelers were sold in September 2021 as compared to a sale of 295 electric 2Ws in September 2020.
3. HSD (Diesel) consumption during the month of September 2021 with a volume of 5.51 MMT (1.40 mbpd) recorded a growth of 0.5% over the volume of 5.49 MMT (1.39 mbpd) in the month of September 2020. Excess rainfall dampened the consumption in rural areas as well as affected mining activities. The power demand in September 2021 increased by 1.8% as compared to September 2020 and power deficit increased to -0.3% as compared to -0.1% in the month of September 2020. Rainfall during the month was 35% above the normal. A growth of 0.4% was recorded in traffic at major ports during September 2021 as compared to September 2020.
4. LPG consumption during the month of September 2021 with a volume of 2.4 MMT recorded a growth of 4.5% against a volume of 2.3 MMT in the month of September 2020. The growth in LPG consumption during the month has come from both domestic as well as non-domestic consumption.
5. ATF consumption during September 2021 with a volume of 0.4 MMT registered a growth of 30.5% over a volume of 0.3 MMT during the month of September 2020. There is an increase in air travel as people drop their inhibitions due to widespread vaccinations and undertake both business and leisure trips. International air travel remained restricted during the month.
6. Bitumen consumption during September 2021 with a volume of 0.44 MMT recorded a growth of 7.1% over the volume of 0.42 MMT in the month of September 2020. Excessive rainfall in several parts of the country have slowed down the road network expansion work.

7. Kerosene (SKO) consumption registered a de-growth of -20.9% in September 2021 as compared to September 2020. Ten States/UTs have gone kerosene free while the state of Uttarakhand registered nil sales of PDS SKO during the month.
8. Consumption of Natural Gas with a volume of 5.5 BCM during the month of September 2021 recorded a growth of 7.9% over the volume of 5.1 BCM in the month of September 2020.

This report analyses the trend of consumption of petroleum products in the country during the month of September 2021. Data on product-wise monthly consumption of petroleum products for September 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 September 2021 is given in Table-1.

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

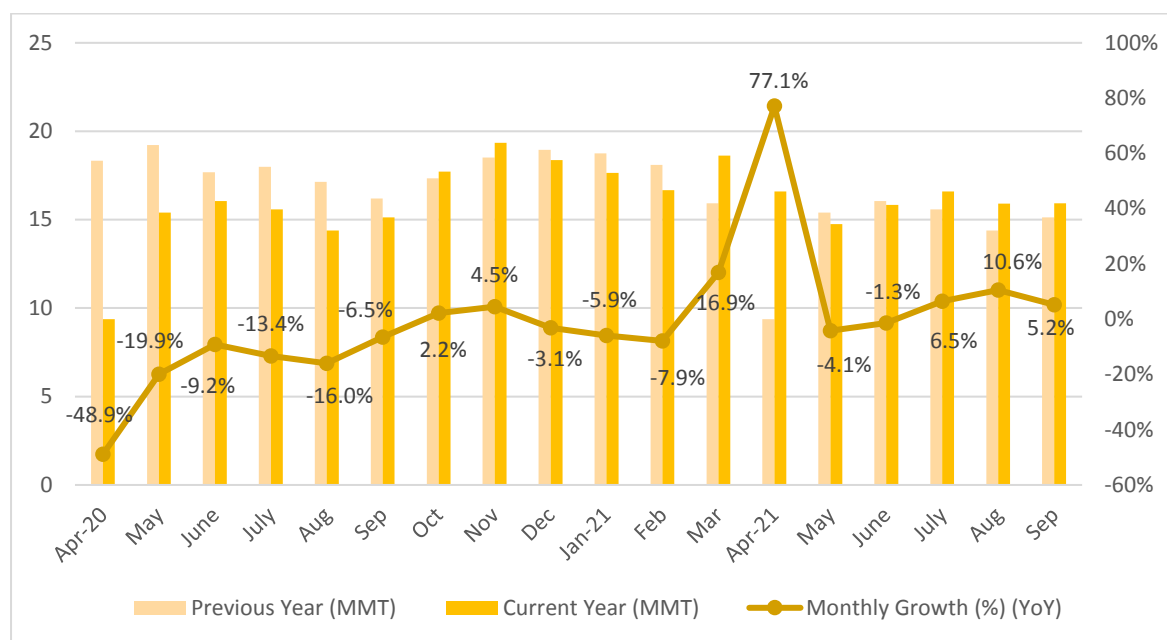
Product Type	Share %	September - 2020	September - 2021	Growth (%)	Products included
Sensitive Products	15.7	2428	2494	2.7	SKO & LPG
Major Decontrolled Products	69.7	10700	11100	3.7	HSD, MS, Naphtha, Lubes, LDO, FO/LSHS, Bitumen & ATF
Minor Decontrolled Products	14.6	2002	2324	16.1	Petcoke & other minor products
Total	100	15130	15918	5.2	

All Products:

Overall consumption of all petroleum products in September 2021 with a volume of 15.9 MMT recorded a growth of 5.2% over the volume of 15.1 MMT in September 2020. The products which registered a growth in the month of September 2021 were LPG 4.5%, Diesel (HSD) 0.5%, Petrol (MS) 6.0%, Aviation Turbine Fuel (ATF) 30.5%, Bitumen 7.1%, Furnace Oil & Low Sulphur Heavy Stock (FO/LSHS) 21.1%, Light Diesel Oil (LDO) 31.1%, Pet coke 2.7% and products categorised under "Others" category 32.6% while the products which registered de-growth during the month were Naphtha -0.5%, and Lubes & Greases -1.5%. Kerosene (SKO) recorded a de-growth of -20.9% during the current month as compared to September 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 analyses 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 July 2021. Private imports data for August 2021 to September 2021 are projected based on August 2020 to July 2021 actual data.

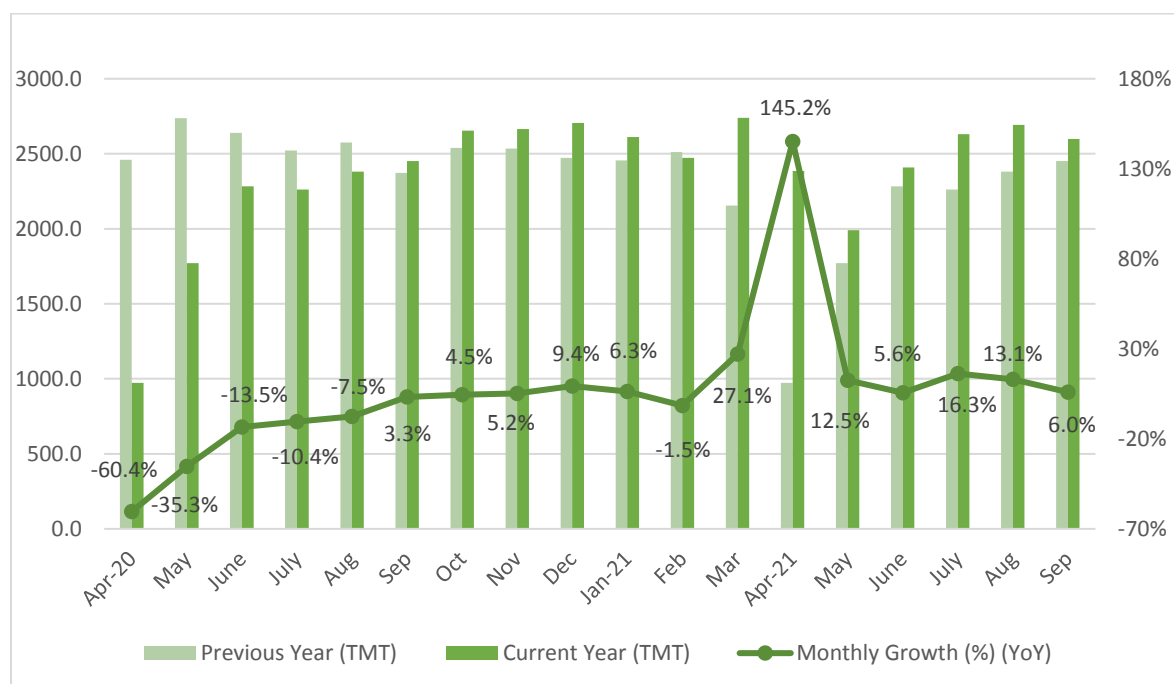
Petrol/Motor Spirit (MS):

MS (Petrol) consumption during the month of September 2021 with a volume of 2.6 MMT recorded a growth of 6.0% over the volume of 2.5 MMT in September 2020. Major factors contributing to MS consumption during the month are as follows:

- Offices across sectors have started operating in full strength leading to increased mobility.
- Urban markets have shown higher growth with increased economic activities while rural markets remain subdued due to excessive rainfall during the month.
- Public transport still remains limited as people opt for personalised transportation.
- Leisure travel is gaining traction with increased holiday trips and weekend outings.

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 September 2021 with a sale of 1.6 Lac vehicles has registered a de-growth of -41.2% over its historical sale of 2.7 Lac vehicles during the month of September 2020. Though there has been a robust festive demand, the global semiconductor shortage has led to the degrowth during the month.

Passenger cars, utility vehicles and vans recorded a de-growth of -60.8%, -9.2% and -28.9% respectively during the current month as compared to the same period previous year.

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

Vehicle Segment	September		
	2020-21	2021-22	Growth %age
Passenger Cars	1,63,981	64,235	-60.8
Utility Vehicles	96,633	87,720	-9.2
Vans	11,413	8,115	-28.9
Total PV	2,72,027	1,60,070	-41.2

Source: SIAM

Two-Wheeler Sales:

The two-wheeler sales during the month of September 2021 with a sale of 15.3 Lac vehicles has registered a MOM growth of 14.8% over the sale of 13.3 Lac vehicles in the month of August 2021.

Scooters/Scooterette, Motorcycle and Moped sales registered a de-growth of -7.0%, -22.5% and -10.5% respectively during the current month as compared to the same period previous year. Electric two wheelers registered a sale of 1,408 vehicles during the month as compared to 295 vehicles sold in the month of September 2020.

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

Vehicle Segment	September		
	2020-21	2021-22	Growth %ge
Scooters/Scooterette	5,56,205	5,17,239	-7.0
Motorcycles	12,24,117	9,48,161	-22.5
Mopeds	68,929	61,664	-10.5
Electric Two Wheelers	295	1,408	377.3
Total 2 Wheelers	18,49,546	15,28,472	-17.4

Source: SIAM

High Speed Diesel (HSD):

HSD (Diesel) consumption during the month of September 2021 with a volume of 5.51 MMT recorded a growth of 0.5% over the volume of 5.49 MMT in the month of September 2020.

Factors affecting diesel consumption during the current month:

- Excess rainfall in several parts of the country has subdued both mining and agriculture activities.
- The growth during the month has been led by urban markets as mobility increases with movement of buses and local transport.
- There has been an increase in movement of goods by rail affecting consumption in road transport.
- IHS Markit Manufacturing Purchasing Manager's Index (PMI) increased to 53.7 in September 2021 against 52.3 in the month of August 2021 indicating a robust festive demand in the coming months.
- Sectoral analysis of direct consumer segment indicated that consumption of diesel during September 2021 has grown in manufacturing activities by 4.2% of its level in in the month of September 2020.
- Increase in consumption of biodiesel in industries as well as road transport has also affected diesel consumption.

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

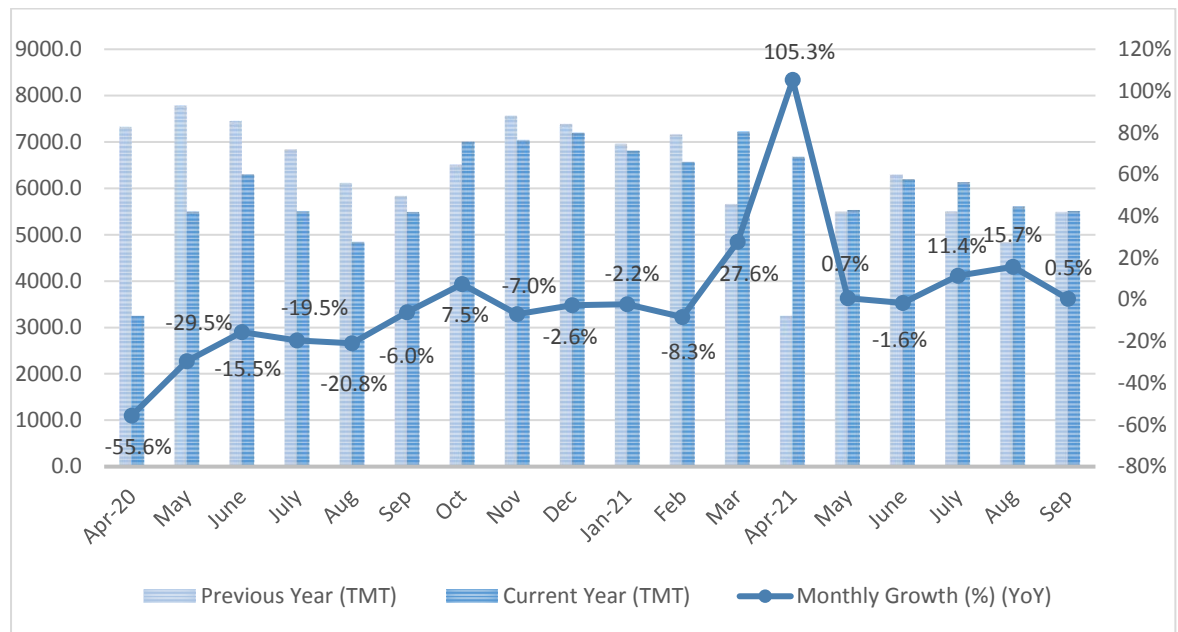
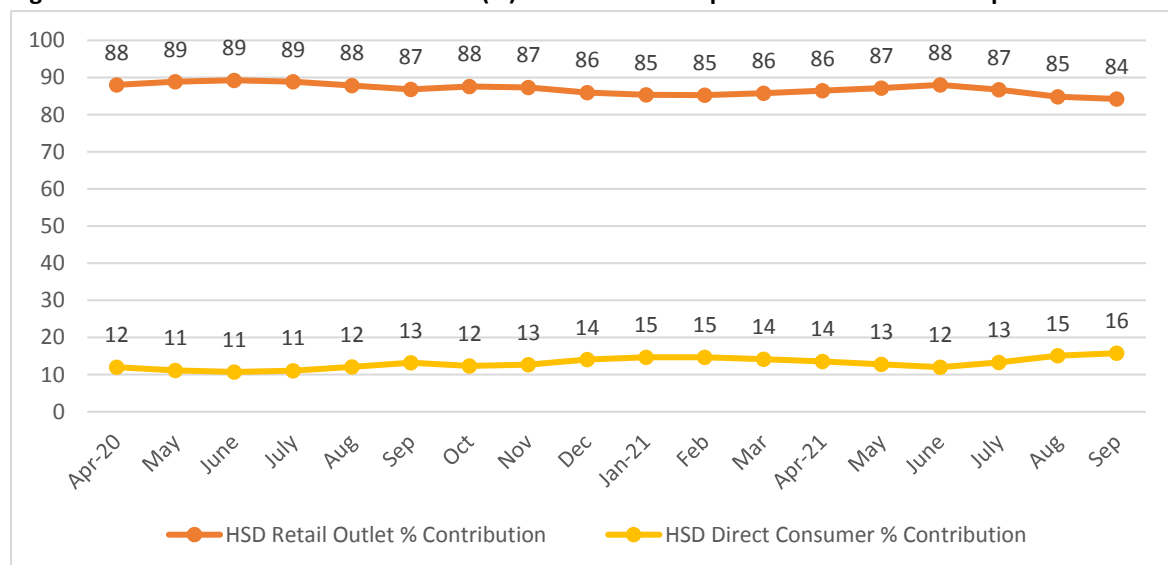


Figure-4 gives a comparison of month-wise percentage of HSD consumption through retail outlets and direct consumer business since April 2020.

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, on an average there has been a growth of around 30% in domestic sales of commercial vehicles during the month of September 2021 as compared to September 2020. The growth can be attributed to subdued demand last year and an increase in commercial activities during the current month in both manufacturing and infrastructure sectors.

Tractor Sale:

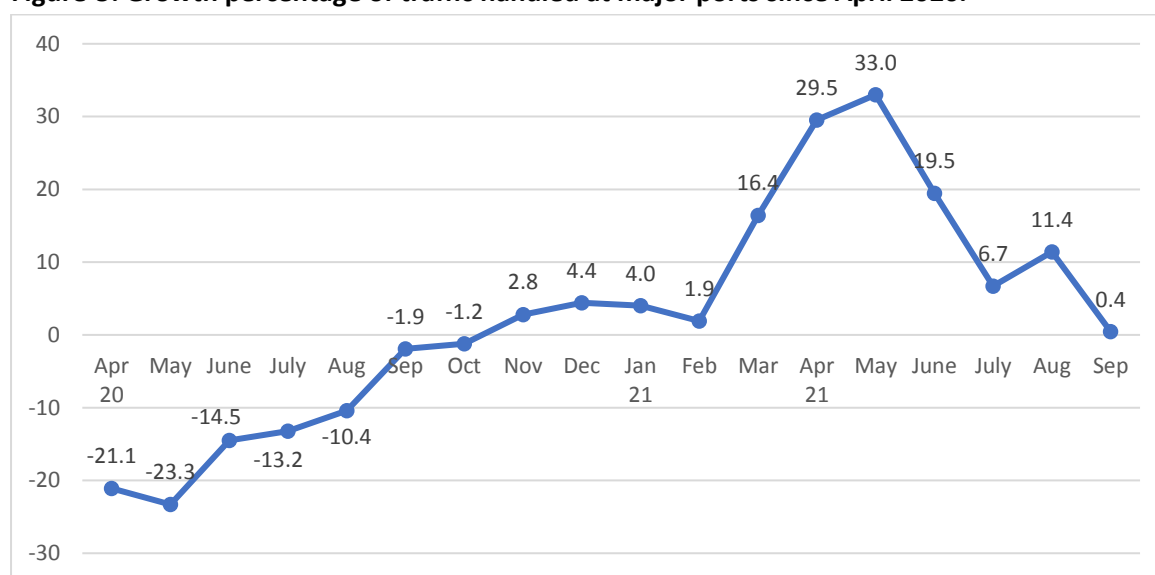
Tractor sales as reported by major individual companies in the month of September 2021 have shown a contraction in the range of -8% to -30% as compared to sales in September 2020. Excess rainfall has subdued demand during the current month but has also paved way for increased demand in coming months.

Port Traffic:

The traffic handled at major ports in India recorded a growth of 0.4% and together handled 53.8 MMT of cargo during September 2021 as against 53.6 MMT handled during the corresponding period of the previous year. There has been a growth in traffic handled at major ports for eleventh 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 September 2021 in the port of Kamarajar (Ennore) 82.6%, VO Chidambaranar (Tuticorin) 3.3%, Cochin 24.9%, New Mangalore 17.1%, Mormugao (Goa) 8.9%, Mumbai 4.3%, JNPT 12.4% and Deendayal (Kandla) 6.3%.

During the period April – September 2021, growth was registered in Petroleum Oil & lubricants (POL) 9.3%, other liquids 14.7%, fertilizer raw 14.9%, thermal & steam coal 40.0%, coking & others coal 16.3%, containers 33.3% and miscellaneous cargo 18.3%. Commodity-wise, the percentage share of POL was maximum i.e. 31.8%, followed by container 20.6%, thermal & steam coal 11.6%, iron ore & pellets 11.0%, other miscellaneous cargo 10.9%, coking & other coal 7.0%, other liquids 4.3%, finished fertilizer 1.6% and raw fertilizer 1.2%.

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

(Qty in TMT)

Ports	September 2020	September 2021	Growth (%)
Kolkata & Haldia	4,945	4,357	-11.9
Paradip	9,332	7,277	-22.0
Visakhapatnam	5,825	4,808	-17.5
Kamarajar (Ennore)	1,657	3,026	82.6
Chennai	3,955	3,836	-3.0
V.O. Chidambaranar	2,866	2,962	3.3
Cochin	2,537	3,168	24.9
New Mangalore	2,262	2,648	17.1
Mormugao	917	999	8.9
Mumbai	4,301	4,487	4.3
JNPT	5,255	5,904	12.4
Deendayal	9,707	10,322	6.3
Total:	53,559	53,794	0.4

Source: ipa.nic.in

Power situation:

The position of power supply for the month of September 2021 is given in Table-5. As per the data reported, power deficit position had increased to -0.3% in the month of September 2021 from -0.1% in the month of September 2020. The deficit was mainly in the UT of J&K and Ladakh and state of Uttar Pradesh. The requirement of power in September 2021 at 1,14,663 MU has recorded a growth of 1.8% over requirement of power at 1,12,581 MU in the month of September 2020.

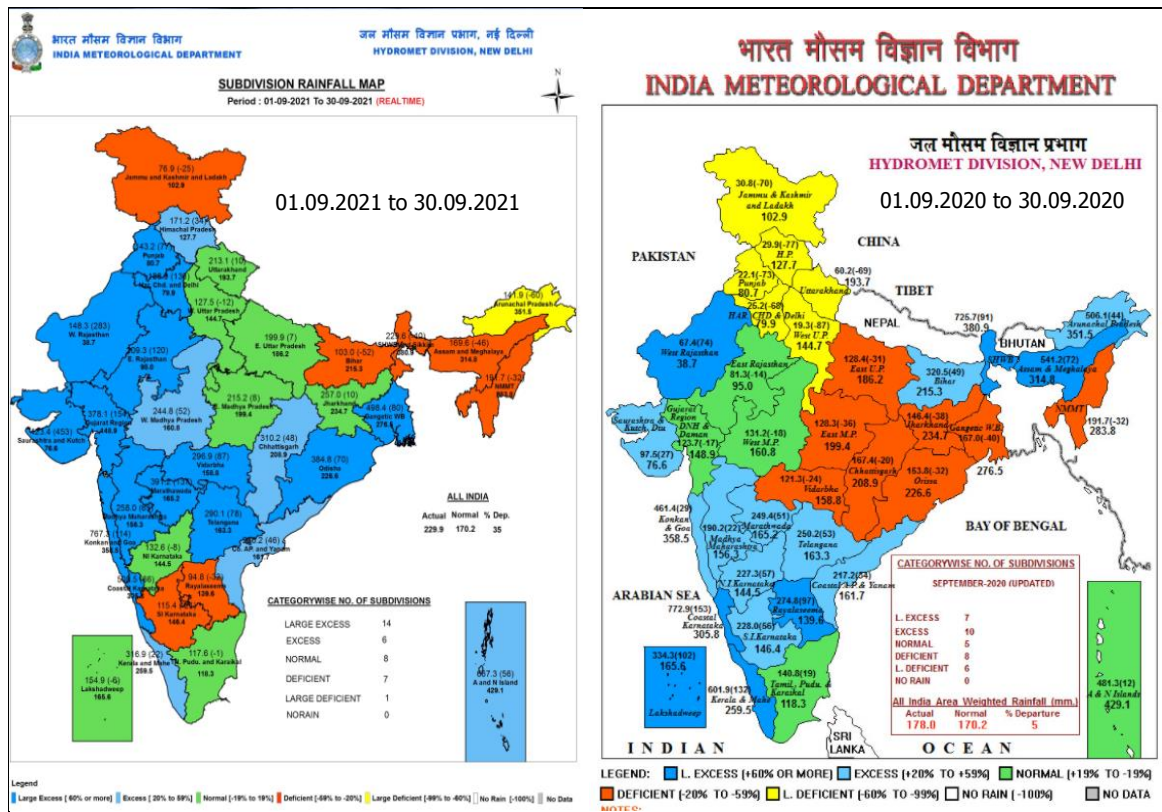
Table-5: Power supplied and deficit for September 2021

Region	September 2021		
	Requirement	Supplied (MU)	Deficit %
North	36,658	36,435	-0.6%
West	32,671	32,671	0.0%
South	28,582	28,578	0.0%
East	15,059	14,980	-0.5%
North-East	1,693	1692	0.0%
Total	1,14,663	1,14,357	-0.3%

Source: Central Electricity Authority (CEA)

Seasonal rainfall scenario:

The rainfall in the country during September 2021 was 35% above normal precipitation. A rainfall of 229.9 mm was recorded in the month of September 2021 as against a normal reading of 170.2 mm. Out of total 36 subdivisions, 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 -20.9% during the month of September 2021 as compared to September 2020. There are 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 state of Uttarakhand 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

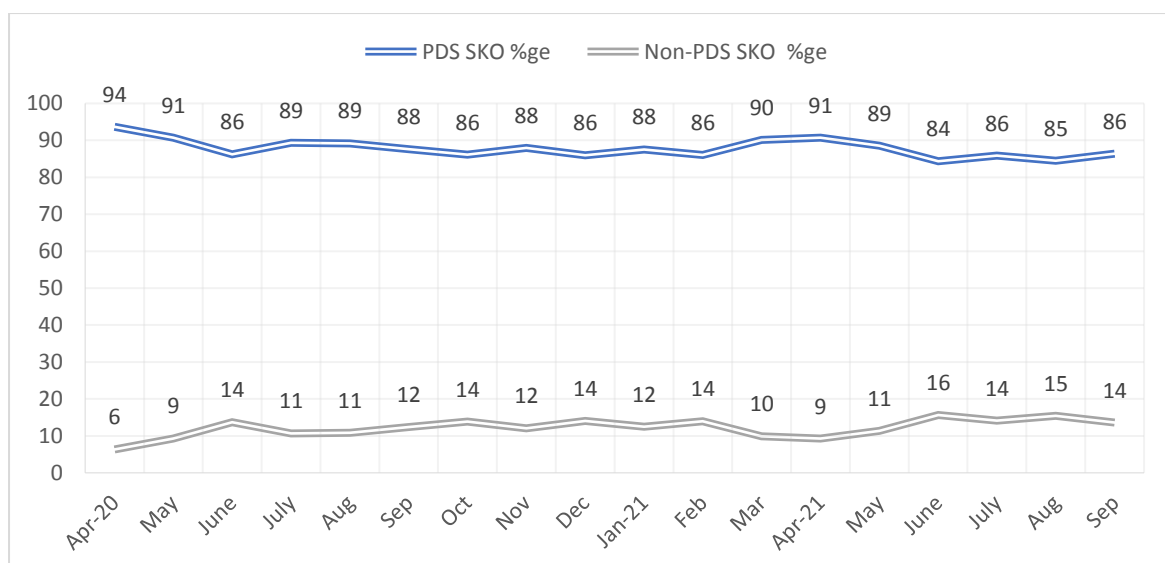
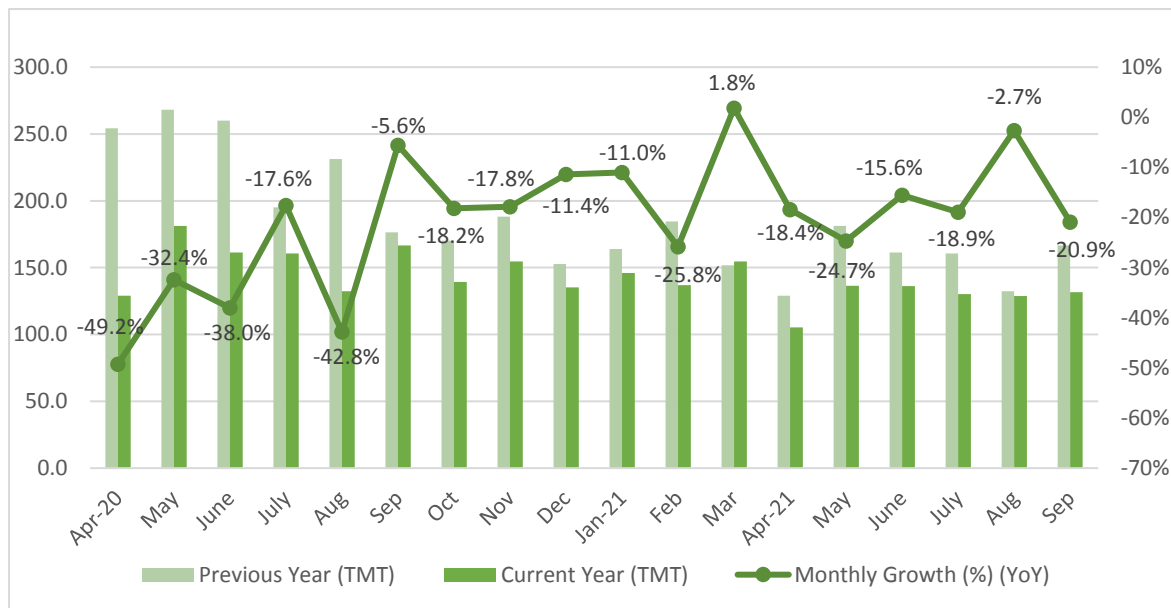


Figure-7 gives the month wise Kerosene consumption and growth since April 2020.

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

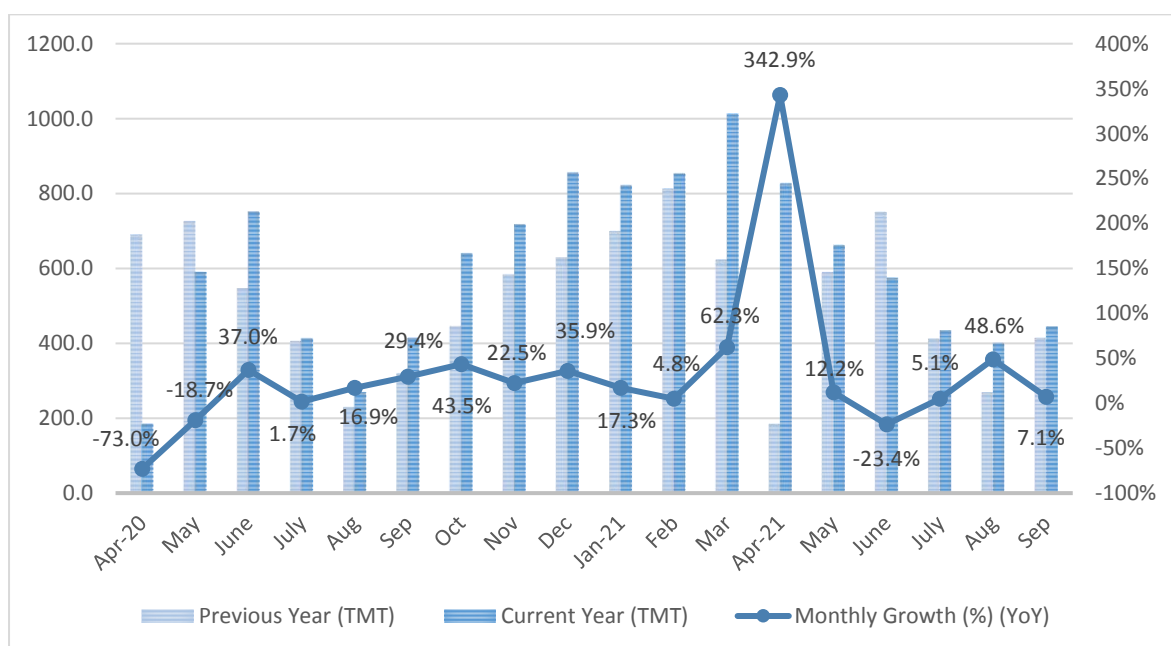


Bitumen:

Bitumen consumption during September 2021 with a volume of 0.44 MMT recorded a growth of 7.1% over volume of 0.42 MMT in the month of September 2020. Road construction and other infrastructure activities are continuing with the momentum except for parts of the country having experienced heavy rainfall 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 with a volume of 2.4 MMT recorded a growth of 4.5% during September 2021 over a volume of 2.3 MMT in the month of September 2020. LPG consumption recorded a cumulative growth of 2.5% during the period April – September 2021 compared to the same period last year. LPG consumption during the month has been driven by growth in both packed domestic and non-domestic category.

Last year during September 2020, a growth of 4.5% was observed and the cumulative growth during April-September 2020 was 5.8%. During September 2021, out of the five regions, Northern region had the highest share in total PSU LPG sales of 30.7% followed by Southern region at 28.2%, Western region at 22.4%, Eastern region at 16.3% and North Eastern region at 2.4%.

PSU LPG Packed Domestic category recorded a growth of 2.8% during September 2021 and a cumulative de-growth of -0.9% during April-September 2021. Last year during September 2020, a growth of 8.3% was observed and the cumulative growth during April-September 2020 was 13.5%. During April-September 2021, around 62.4 lakh new connections and 26.5 lakh DBCs were released. A total of 8.3 crore BPL households have been covered under PMUY 1.0 & 2.0 till 30.09.2021 since inception of the scheme. During September 2021, the region-wise share of LPG Packed Domestic consumption was highest in Northern region (31.8%) followed by Southern region (26.6%), Western region (21.6%), Eastern region (17.4%) and North-Eastern region (2.6%). During September 2021, the five states with the highest LPG-Packed domestic sales share were Uttar Pradesh (14.2%), Maharashtra (11.3%), Tamil Nadu (7.7%) West Bengal (7.2%), and Karnataka (6.5%). During September 2021, percentage share of LPG-Packed Domestic was 89.3% of total PSU LPG sales whereas it was 90.8% in September 2020.

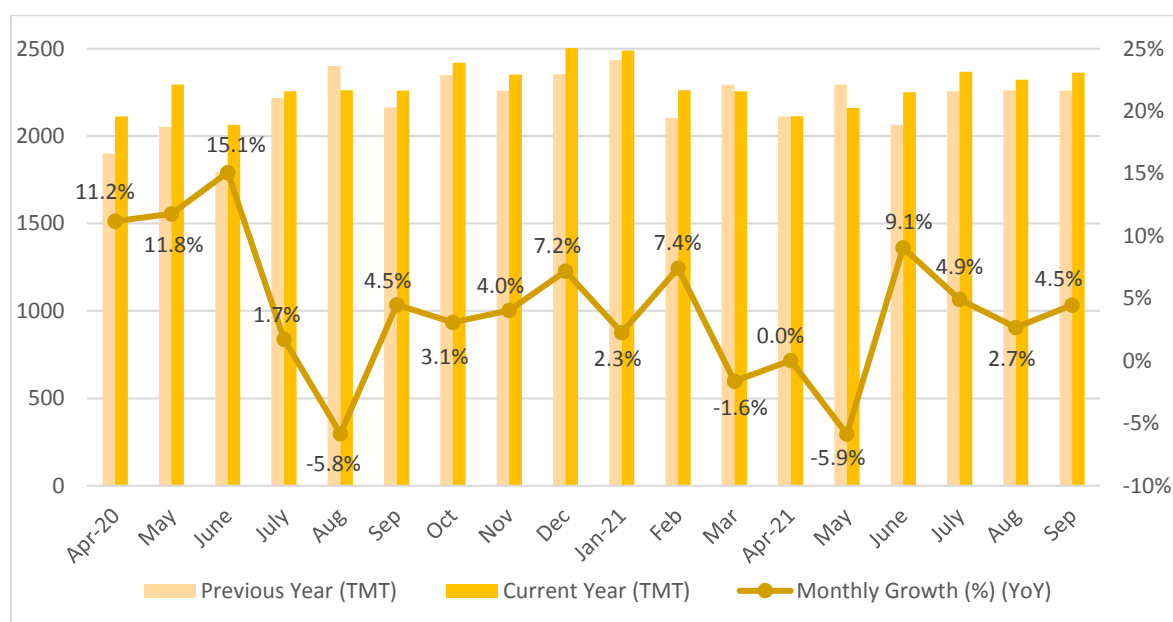
PSU LPG Packed Non-Domestic category recorded a growth of 31.5% in September 2021 and a cumulative growth of 56.2% during April-September 2021. Last year during September 2020, a de-growth of -29.2% was observed and the cumulative de-growth during April-September 2020 was -48.4%. Share of LPG Packed Non-Domestic in total PSU LPG Sales has increased to 8.6% in September 2021 from 6.9% in September 2020. Region-wise share of LPG Packed Non-Domestic consumption was highest in Southern region (40.1%) followed by Western region (29.8%), Northern region (22.7%), Eastern region (6.5%) and North-Eastern region (1%) during September 2021.

PSU Bulk LPG category has registered a degrowth of -15.4% during September 2021 and a cumulative growth of 25.5% during April-September 2021. Last year in the month of September 2020, there was a growth of 27.1% while for the period April-September 2020, a growth of 2.7% was witnessed. Percentage share of Bulk LPG in total PSU LPG sales was 1.3% during September 2021 whereas it was 1.5% in September 2020.

PSU Auto LPG category registered a growth of 4.1% in September 2021 and a cumulative growth of 30.6% during April-September 2021. The sales volume increase was about 0.5 TMT in September 2021 as compared to September 2020. Last year in the month of September 2020 a de-growth of -22.7% was observed while there was a cumulative de-growth of -50.3% during April-September 2020. During September 2021, the percentage share of Auto LPG was 0.5% of total PSU LPG sales whereas it was 0.5% in September 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 September 2021 with a volume of 1.11 MMT almost recovered to volume of 1.12 MMT in the month of September 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 1114 TMT during the month, petrochemical sector consumed 975 TMT with a growth of 36 TMT over 939 TMT consumed in the month of September 2020. While there has been a fall in consumption by miscellaneous sectors by -25 TMT.

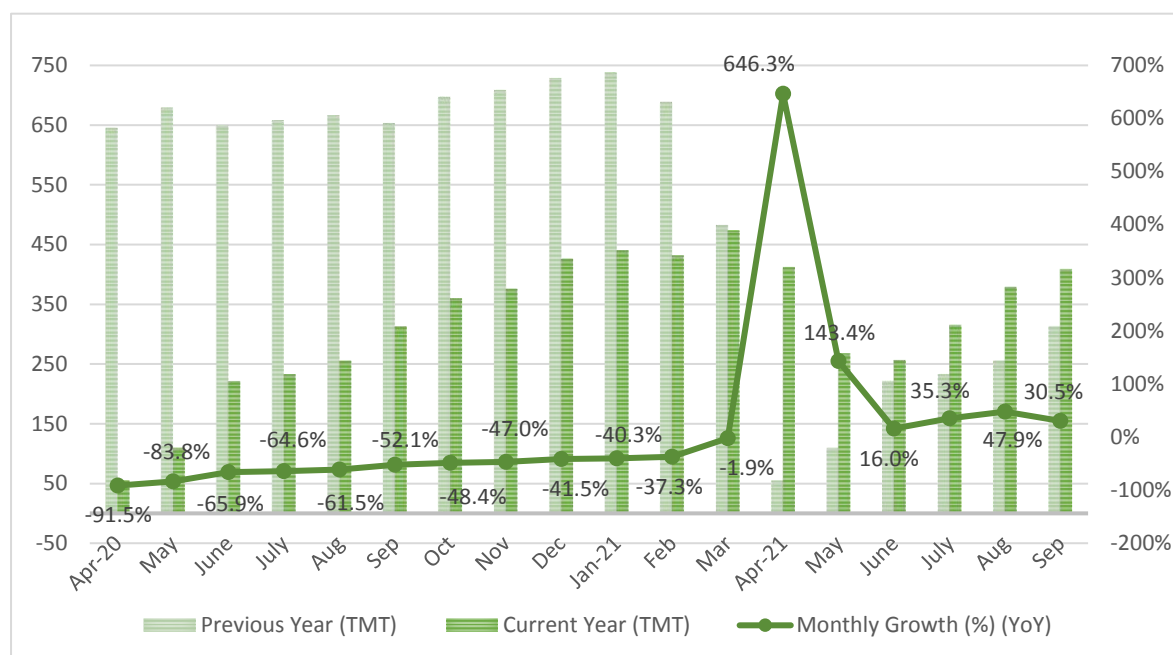
ATF:

ATF consumption during September 2021 registered a growth of 30.5% over the volume of September 2020. There is an increase in air travel as people drop their inhibitions due to widespread vaccinations and undertake both business and leisure trip. International air travel remained restricted during the month.

Passengers carried by domestic airlines during the month of September 2021 stood at 70.7 lakhs as against 39.4 lakhs during September 2020. There has been a steady increase in passenger traffic month over month since last four months.

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 September 2021 with a volume of 0.55 MMT recorded a growth of 21.1% over volume of 0.45 MMT consumed in the month of September 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. Major growth in consumption during the month was recorded in manufacturing, mining, and shipping sector. Manufacturing consumed 188 TMT, miscellaneous 178 TMT, shipping 87 TMT and power generation 28 TMT out of the total consumption of 547 TMT of FO/LSHS in the month of September 2021.

Petcoke:

Petcoke consumption during the month of September 2021 with a volume of 1.14 MMT registered a growth of 2.7% over the volume of 1.11 MMT in the month of September 2020. Petcoke consumption has seen a growth in manufacturing and agriculture sector by 96 TMT and 32 TMT respectively during the month.

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 399 TMT and miscellaneous industrial uses consumed 569 TMT out of total 1138 TMT of petcoke consumed in the month of September 2021.

LDO:

LDO is extensively used in various types of furnaces. LDO consumption recorded a growth of 31.1% during September 2021 as compared to September 2020. Consumption in power generation and manufacturing of 28 TMT and 22 TMT respectively were the major sectors contributing to the total consumption of 86 TMT LDO during the month.

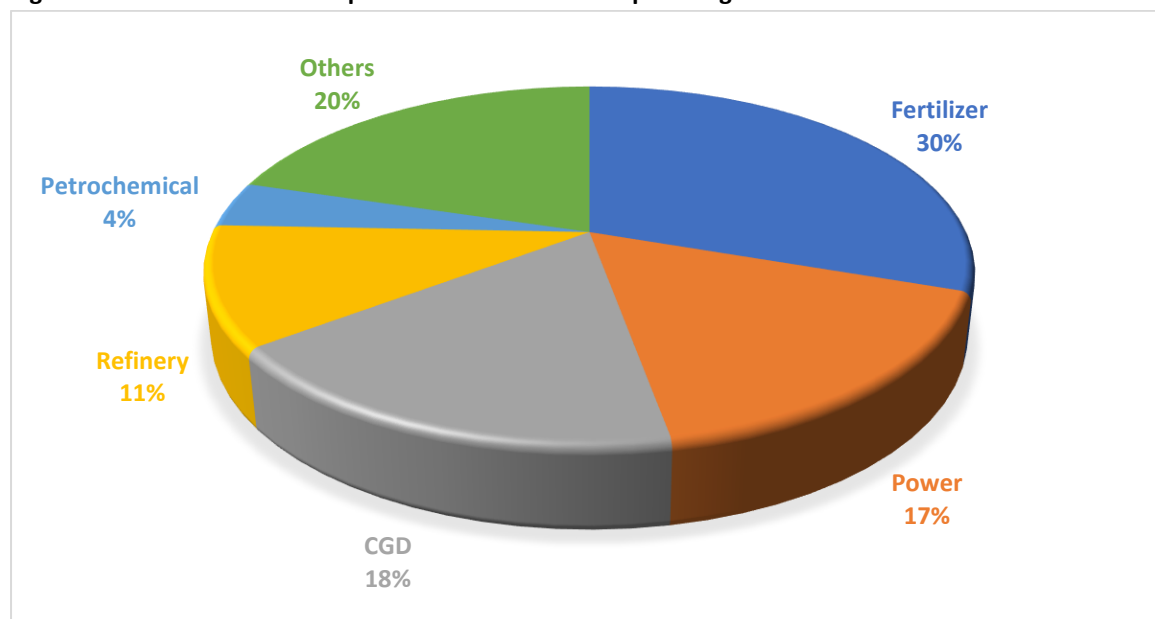
Natural Gas:

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 5.5 BCM during the month of September 2021 recorded a growth of 7.9% over the volume of 5.1 BCM in the month of September 2020.

Approximate sector wise consumption of Natural gas for the period of April - August 2021 were fertilizer (30%), power (17%), City Gas Distribution (CGD) (18%), refinery (11%), petrochemicals (4%) and others (20%).

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

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



Industry Consumption Trend Analysis 2021-22 (Provisional)						
('000 MT)						
Product	September			April - September		
	2020-21	2021-22	Growth (%)	2020-21	2021-22	Growth (%)
(A) Sensitive Products						
LPG	2261	2363	4.5	13254	13580	2.5
SKO	167	132	-20.9	931	769	-17.4
Sub Total	2428	2494	2.7	14185	14349	1.2
(B) Major Decontrolled Product						
HSD	5487	5512	0.5	30881	35655	15.5
MS	2451	2598	6.0	12119	14707	21.4
Naphtha	1120	1114	-0.5	6434	7036	9.4
ATF	313	409	30.5	1189	2040	71.5
Bitumen	415	445	7.1	2626	3344	27.3
FO/LSHS	452	547	21.1	2596	2959	14.0
Lubes+Greases	396	391	-1.5	1668	2091	25.4
LDO	65	86	31.1	351	513	46.3
Sub Total	10700	11100	3.7	57864	68345	18.1
Sub - Total (A) + (B)	13128	13595	3.6	72050	82694	14.8
(C) Other Minor Decontrolled Products						
Pet.Coke	1108	1138	2.7	8848	6881	-22.2
Others*	894	1185	32.6	5031	6045	20.2
Sub Total	2002	2324	16.1	13879	12927	-6.9
Total	15130	15918	5.2	85929	95621	11.3

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

Industry Consumption Trend Analysis 2021-22 (Provisional)						
Million Barrels per day						
Product	September			April - September		
	2020-21	2021-22	Growth (%)	2020-21	2021-22	Growth (%)
(A) Sensitive Products						
LPG	0.87	0.91	4.5	0.84	0.86	2.5
SKO	0.04	0.04	-20.9	0.04	0.03	-17.4
Sub Total	0.92	0.95	3.2	0.88	0.89	1.5
(B) Major Decontrolled Product						
HSD	1.39	1.40	0.5	1.28	1.48	15.5
MS	0.73	0.77	6.0	0.59	0.71	21.4
Naphtha	0.33	0.32	-0.5	0.31	0.34	9.4
ATF	0.08	0.11	30.5	0.05	0.09	71.5
Bitumen	0.08	0.09	7.1	0.09	0.11	27.3
FO/LSHS	0.10	0.12	21.1	0.10	0.11	14.0
Lubes+Greases	0.10	0.09	-1.5	0.07	0.08	25.4
LDO	0.02	0.02	31.1	0.01	0.02	46.3
Sub Total	2.82	2.93	3.7	2.49	2.94	18.1
Sub - Total (A) + (B)	3.74	3.88	3.6	3.38	3.84	13.8
(C) Other Minor Decontrolled Products						
Pet.Coke	0.20	0.21	2.7	0.27	0.21	-22.2
Others*	0.24	0.32	32.6	0.22	0.27	20.2
Sub Total	0.44	0.53	18.9	0.49	0.47	-3.0
Total	4.19	4.41	5.2	3.86	4.31	11.6

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

Conversion factors taken for TMT to barrel conversion

Conversion factor (approx)		
Product	Weight (MT)	Bbl
LPG	1	11.6
SKO	1	8.1
Diesel	1	7.6
Petrol	1	8.9
Naphtha	1	8.7
ATF	1	8.1
Bitumen	1	6.1
Furnace Oil	1	6.7
Lubes	1	7.2
Light Diesel Oil	1	7.4
Petcoke	1	5.5
Product Basket (for Others)	1	8.1