



MINISTRY OF ENERGY AND MINERAL RESOURCES

# Energy Balance Data 2021

	2017	2018	2019	2020	2021
Population (Thousand People)	10,053	10.309	10,554	10,806	11,057
GDP (Million JD) at current price	28,449	29,984	31,597	31,025	32,123
GDP Per Capita (JD)	2,830	2,909	2,994	2,871	2,905
Energy Intensity (kgoe/1000\$ in fixed price)	247	235	219	206	205
Per capita primary energy consumption (kgoe)	996	942	878	794	789
Per capita consumption of electricity (kwh)	1,748	1,701	1,697	1,703	1,746
Percentage of the population supplied with electricity (%)	99.9	99.9	9.99	99.9	99.9

## Abbreviations

GDP	Gross Domestic Products
JD	Jordan Dinar (1000 fils)
1JD	\$ 1.4 in 2018
kgoe	Kilogram Oil Equivalent
TOE	Ton Oil Equivalent
MW	Megawatt (1000 KW)
GWH	Gegawatt-hour (10 <sup>6</sup> KWh)
CF	Cubic Feet

Energy Intensity: Energy required to produce one unit from GDP Constant Prices.

# Jordan's Energy Balance for 2021 (Thousand toe)



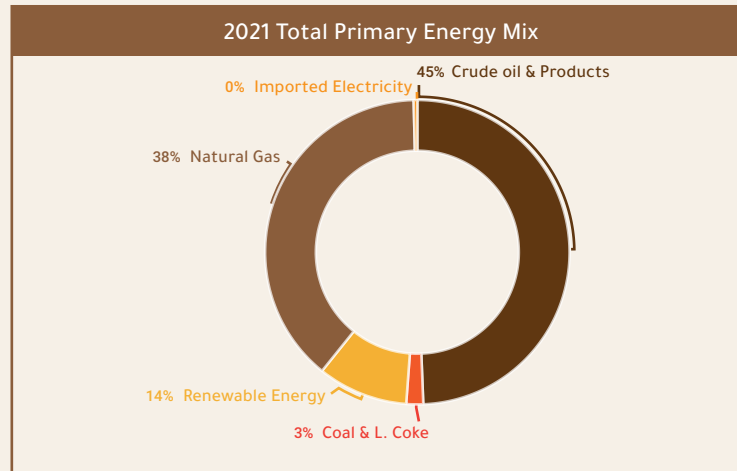
MINISTRY OF ENERGY AND MINERAL RESOURCES

Sector	Crude Oil	LPG	Gasoline	Kerosene	Jet Fuel	Diesel	Fuel Oil	Other	Total Oil Products	Coal	L. Coke	N. Gas	Electricity	Solar Energy	Bio Mass	Total Energy
Indigenous Production	14.3								0.0			163.1	1006.4	199.2	16.0	1399.0
Imports	1755.2	414.7	962.3	24.2	16.4	950.8	0.0	0.0	2368.5	225.8	0.0	3106.7	34.0		23.5	7513.7
Exports							-152.4	0.0	-152.4			0.0	-14.9			-167.2
Bunkers				0.0	-11.1	-0.8			-11.9							-11.9
Stock Changes	3.4	-4.9	-25.4	3.3	-9.0	30.2	-5.3		-11.0							-7.7
Primary Energy Supply	1772.9	409.8	936.9	27.6	-3.6	980.2	-157.6	0.0	2193.2	225.8	0.0	3269.8	1025.5	199.2	39.5	8726.0
Electricity						-1.6	-19.9		-21.5			-3050.6	1428.1			-1643.9
Oil refinery	-1772.9	55.5	463.9	58.0	176.3	685.0	246.5	101.8	1787.0				0.0			14.1
Own Use					-49.4	-1.6	-28.8	0.0	-79.8				-25.9			-105.7
Trans. & Dist. Losses									0.0				-197.30			-197.3
Final Energy Consumption	0.0	481.8	1435.9	80.9	221.6	1464.9	97.9	95.1	3878.0	225.8	0.0	219.3	1660.3	199.2	39.5	6222.1
Industrial		11.4				117.7	94.2		223.3	225.8	0.0	219.3	348.2			1016.6
Transport			1435.2		221.6	1016.3	3.7		2676.8				0.0			2676.8
Commercial & Services		72.6				65.4			138.0				243.5	43.9	16.3	441.7
HouseHolds		376.9		80.9		86.8			544.5				797.1	155.3	23.2	1520.2
Other Sectors		20.9				178.7			199.6				271.5			471.1
Non energy Use								95.1	95.1				0.0			95.1
Statistical Differences (%)	0.0	0.03	0.02	-0.06	0.00	-0.14	0.00	-0.07	0.00	0.00	0.00	0.00	-0.37	0.00	0.00	-0.09

# Primary Energy Supply 2021



	2017	2018	2019	2020	2021
Crude Oil & Products	5,671	5,225	5,006	4,121	3,966
Coal & L. coke	313	297	143	153	226
Renewable Energy	515	753	823	982	1,245
Natural Gas	3,510	3,438	3,281	3,311	3,270
Imported Electricity	13	47	12	16	19
Total Primary Energy Supply	10,009	9,759	9,266	8,583	8,726



# Imports & Local Production



MINISTRY OF ENERGY AND MINERAL RESOURCES

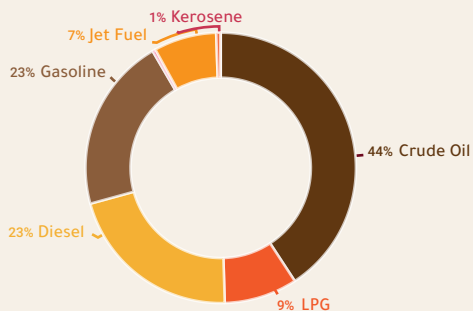
### 2021 Imports of Crude Oil, Oil Products (000 Tons)

	2017	2018	2019	2020	2021
Crude Oil	2,795	2,366	2,321	2,074	1,757
LPG	368	357	432	409	377
Diesel	1,029	1,145	963	910	914
Gasoline	923	964	977	773	899
JetFuel	125	67	305	0	16
Kerosene	0	0	0	5	23
Pet. Coke	170	105	0	0	0
<b>Total</b>	<b>5,410</b>	<b>5,004</b>	<b>4,998</b>	<b>4,171</b>	<b>3,986</b>

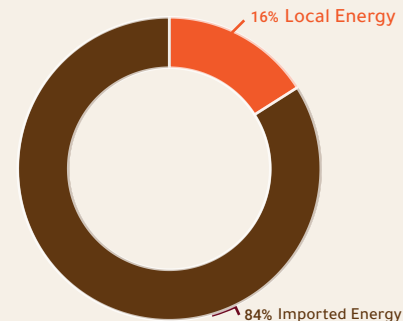
### Local Production of Oil & Natural Gas (000 toe)

	2017	2018	2019	2020	2021
Crude Oil	0.3	1	0.2	2.5	14.3
Natural Gas	82.7	77.9	90	133	163
<b>Total</b>	<b>83</b>	<b>79</b>	<b>90</b>	<b>135</b>	<b>177</b>

### 2021 Oil & Oil Products Imports



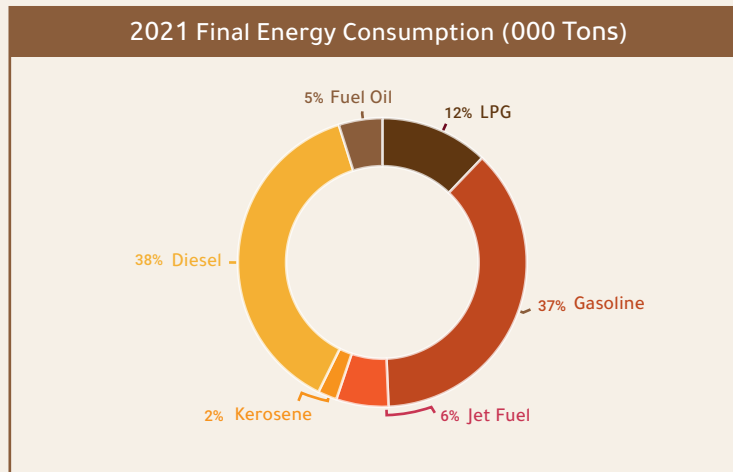
### 2021 Local Production



# Petroleum Products Consumption



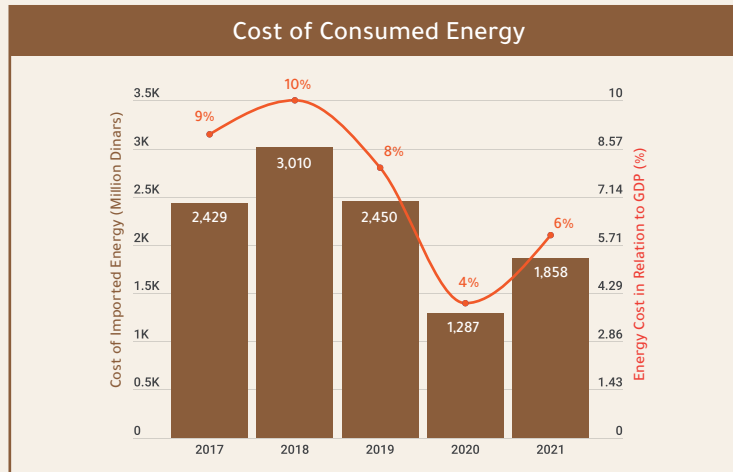
	2017	2018	2019	2020	2021
LPG	431	429	478	464	438
Gasoline	1,431	1,410	1,411	1,139	1,342
Jet Fuel	396	412	462	137	211
Kerosene	88	69	95	83	77
Diesel	1,859	1,672	1,482	1,313	1,365
Fuel Oil	505	515	132	145	176



# Cost of Consumed Energy



	Cost of Consumed Energy (Million JD)	Cost of Consumed Energy Related to GDP %
2017	2,429	9%
2018	3,010	10%
2019	2,450	8%
2020	1,287	4%
2021	1,858	6%



# Segmental Distribution of Final and Electrical Energy Consumption



MINISTRY OF ENERGY AND MINERAL RESOURCES

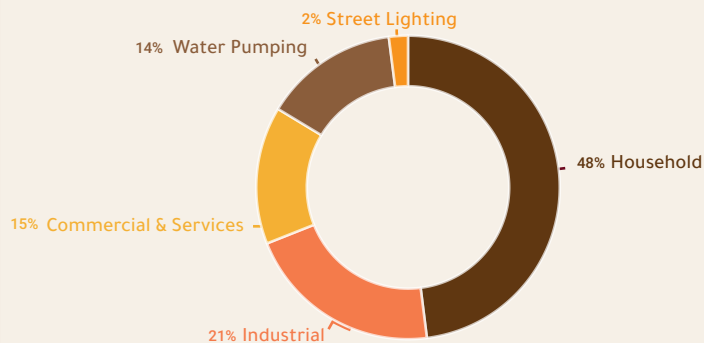
## 2021 Electricity Consumption (GWH)

	2017	2018	2019	2020	2021
Household	8,076	8,038	8,260	9,100	9,269
Industrial	3,785	3,877	3,622	3,489	4,049
Commercial & Services	2,655	2,507	2,870	2,584	2,831
Water Pumping	2,655	2,706	2,747	2,866	2,767
Street Lighting	403	404	411	387	390
Total	17,574	17,532	17,910	18,425	19,306

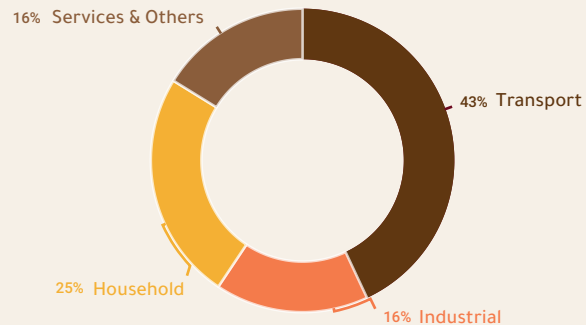
## 2021 Final Energy Consumption (000 Tons)

	2017	2018	2019	2020	2021
Tranport	3,431	3,363	3,074	2,308	2,677
Industrial	938	954	891	935	1,017
Household	1,549	1,463	1,484	1,487	1,520
Services & Others	950	981	1,109	1,045	1008
Total (000 Toe)	6,868	6,761	6,560	5,774	6,222

### 2021 Electricity Consumption



### 2021 Final Electricity Consumption







# MINISTRY OF ENERGY AND MINERAL RESOURCES

[www.memr.gov.jo](http://www.memr.gov.jo)

TEL: +962 6 5803060

FAX: +962 6 5865714

