



MINISTRY OF ENERGY AND MINERAL RESOURCES

# Energy Balance Data 2020

	2016	2017	2018	2019	2020
Population (Thousand People)	9,798	10,053	10,309	10,554	10,806
GDP (Million JD) at current price	27,445	28,449	29,984	31,597	31,025
GDP Per Capita (JD)	2,801	2,830	2,909	2,994	2,871
Energy Intensity (kgoe/1000\$ in fixed price)	242	247	235	219	206
Per capita primary energy consumption (kgoe)	981	996	942	878	794
Per capita consumption of electricity (kwh)	1,701	1,748	1,701	1,697	1,703
Percentage of the population supplied with electricity (%) m	99.9	99.9	99.9	9.99	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 2020 (Thousand toe)



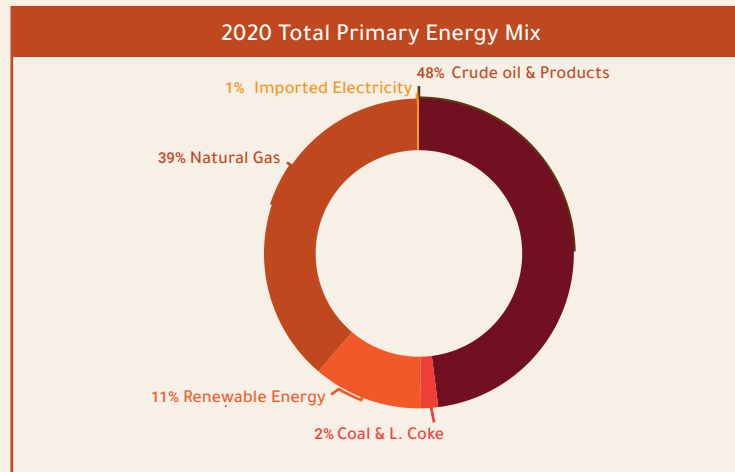
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Sector	Crude Oil	LPG	Gasoline	Kerosene	Jet Fuel	Diesel	Fuel Oil	Other	Total Oil Products	Coal	L. Coke	N. Gas	Electricity	Solar Energy	Bio Mass	Total Energy
Indigenous Production	2.5								0.0			133.0	763.0	193.7	9.2	1101.4
Imports	2072.2	473.6	827.1	5.0	0.0	946.4	0.0	0.0	2252.1	152.6	0.0	3178.1	32.6		16.3	7703.9
Exports									-154.8			0.0	-16.3			-171.1
Bunkers				0.0	0.0	-2.1			-2.1							-2.1
Stock Changes	-11.8	-7.0	-93.2	21.4	38.7	-61.5	64.1		-37.4							-49.2
Primary Energy Supply	2062.9	466.6	733.9	26.5	38.7	892.9	-100.7	0.0	2057.9	152.6	0.0	3311.0	779.3	193.7	25.5	8583
Electricity						0.0	0.0		0.0			-3083.9	1452.5			-1631.4
Oil refinery	-2062.9	68.8	509.6	57.4	173.4	646.4	358.9	132.1	1946.5				0.0			-116.4
Own Use	0.0				0.0	-0.8	-116.2	0.0	-117.0				0.0			-117.0
Trans. & Dist. Losses									0.0				-244.15			-244.2
Final Energy Consumption	0.0	481.8	1435.9	80.9	221.6	1464.9	97.9	95.1	3878.0	152.6	0.0	227.2	1583.0	193.7	25.5	5774.3
Industrial		12.1				109.7	136.7		258.5	152.6	0.0	227.2	296.5			934.7
Transport			1217.9		137.0	947.4	5.4		2307.7				0.0			2307.7
Commercial & Services		76.9				61.0			137.9				207.9	42.7	10.5	399.0
HouseHolds		399.4		87.2		80.9			567.5				753.8	151.0	15.0	1487.3
Other Sectors		22.1				166.6			188.7				324.9			513.6
Non energy Use								132.1	132.1				0.0			132.1
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	-0.12

# Primary Energy Supply 2020



	2016	2017	2018	2019	2020
Crude Oil & Products	5,327	5,671	5,225	5,006	4,121
Coal & L. coke	402	313	297	143	153
Renewable Energy	412	515	753	823	982
Natural Gas	3,389	3,510	3,438	3,281	3,311
Imported Electricity	84	13	47	12	16
Total Primary Energy Supply	9,614	10,009	9,759	9,266	8,583



# Imports & Local Production



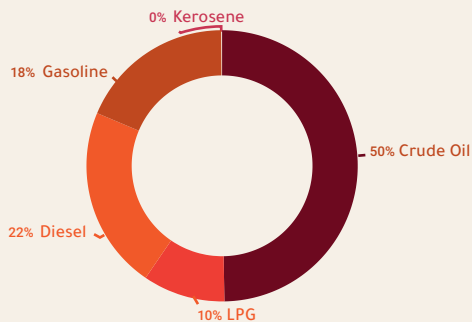
## 2020 Imports of Crude Oil, Oil Products (000 Tons)

	2016	2017	2018	2019	2020
Crude Oil	2,978	2,795	2,366	2,321	2,074
LPG	327	368	357	432	409
Diesel	967	1,029	1,145	963	910
Gasoline	832	923	964	977	773
JetFuel	64	125	67	305	0
Kerosene	0	0	0	0	5
Pet. Coke	210	170	105	0	0
<b>Total</b>	<b>5,378</b>	<b>5,410</b>	<b>5,004</b>	<b>4,998</b>	<b>4,171</b>

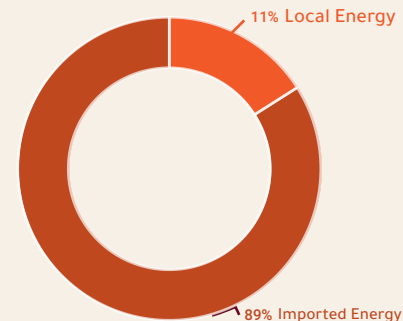
## Local Production of Oil & Natural Gas (000 toe)

	2016	2017	2018	2019	2020
Crude Oil	0.4	0.3	1	0.2	2.5
Natural Gas	86.2	82.7	77.9	90	133
<b>Total</b>	<b>87</b>	<b>83</b>	<b>79</b>	<b>90</b>	<b>135</b>

## 2020 Oil & Oil Products Imports



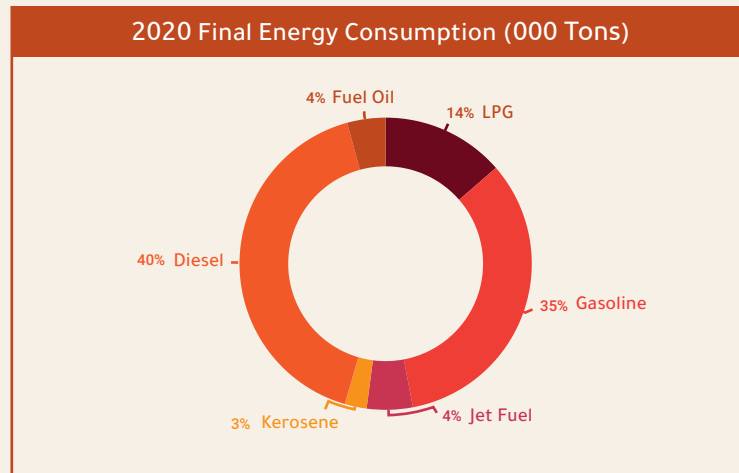
## 2020 Local Production



# Petroleum Products Consumption



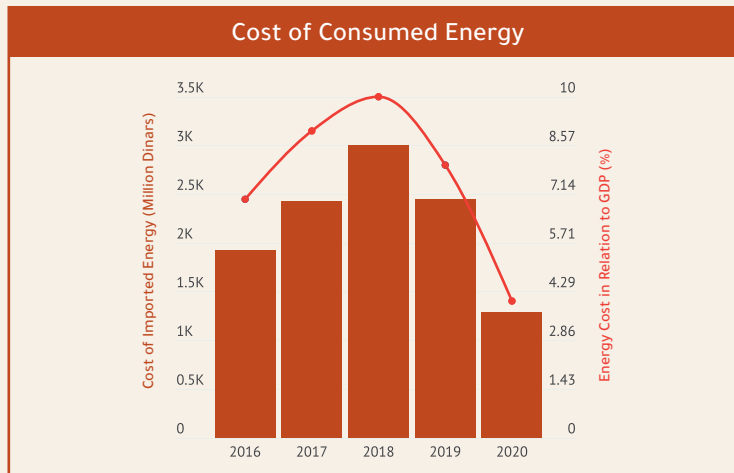
	2016	2017	2018	2019	2020
LPG	434	431	429	478	464
Gasoline	1,446	1,431	1,410	1,411	1,139
Jet Fuel	355	396	412	462	137
Kerosene	108	88	69	95	83
Diesel	1,726	1,859	1,672	1,482	1,313
Fuel Oil	606	505	515	132	145



# Cost of Consumed Energy



	Cost of Consumed Energy (Million JD)	Cost of Consumed Energy Related to GDP %v
2016	1,924	7%
2017	2,429	9%
2018	3,010	10%
2019	2,450	8%
2020	1,287	4%



# Segmental Distribution of Final and Electrical Energy Consumption



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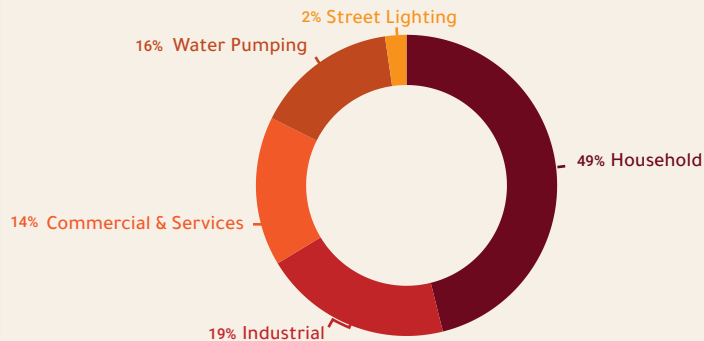
## 2020 Electricity Consumption (GWH)

	2016	2017	2018	2019	2020
Household	7,448	8,076	8,038	8,260	9,100
Industrial	3,939	3,785	3,877	3,622	3,489
Commercial & Services	2,447	2,655	2,507	2,870	2,584
Water Pumping	2,485	2,655	2,706	2,747	2,866
Street Lighting	350	403	404	411	387
<b>Total</b>	<b>16,669</b>	<b>17,574</b>	<b>17,532</b>	<b>17,910</b>	<b>18,425</b>

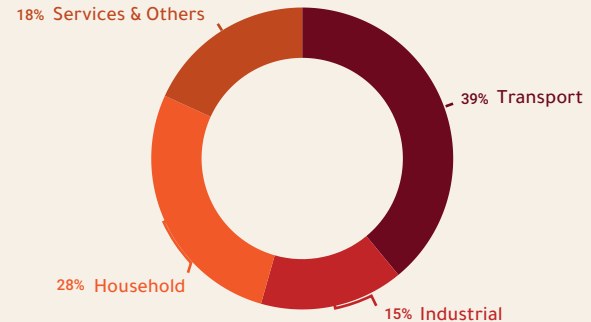
## 2020 Final Energy Consumption (000 Tons)

	2016	2017	2018	2019	2020
Tranport	3,184	3,431	3,363	3,074	2,308
Industrial	1,064	938	954	891	935
Household	1,342	1,549	1,463	1,484	1,487
Services & Others	826	950	981	1,109	1,045
<b>Total (000 Toe)</b>	<b>6,416</b>	<b>6,868</b>	<b>6,761</b>	<b>6,560</b>	<b>5,774</b>

### 2020 Electricity Consumption



### 2020 Final Electricity Consumption







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