



MINISTRY OF ENERGY AND MINERAL RESOURCES

Energy Balance Data 2022

	2018	2019	2020	2021	2022
Population (Thousand People)	10,309	10,554	10,806	11,057	11,302
GDP (Million JD) at current price	29,984	31,597	31,025	32,123	33,133
GDP Per Capita (JD)	2,909	2,994	2,871	2,905	2,932
Energy Intensity (kgoe/1000\$ in fixed price)	235	219	206	205	217
Per capita primary energy consumption (kgoe)	942	878	794	789	838
Per capita consumption of electricity (kwh)	1,701	1,697	1,703	1,746	1,821
Percentage of the population supplied with electricity (%) m	99.9	99.9	99.9	99.9	99.9

Abbreviations

GDP	Gross Domestic Products
JD	Jordan Dinar (1000 fils)
1JD	\$ 1.41 in 2020
kgoe	Kilogram Oil Equivalent
TOE	Ton Oil Equivalent
MW	Megawatt (1000 KW)
GWH	Gegawatt-hour (10 ⁶ KWh)
CF	Cubic Feet

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

Jordan's Energy Balance for 2022 (Thousand toe)



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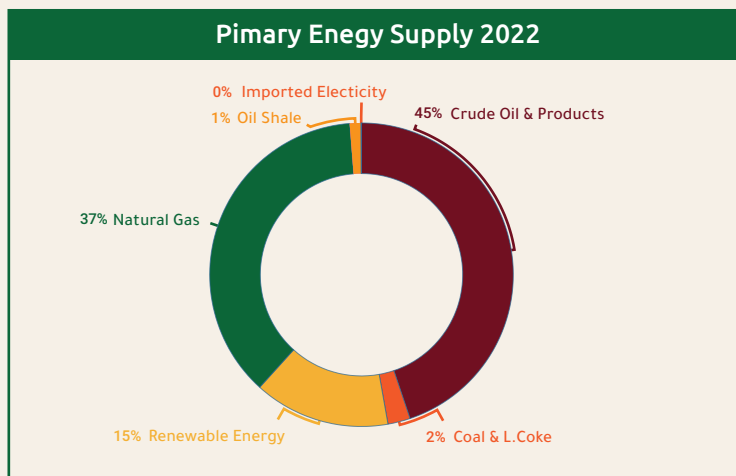
Sector	Crude Oil	LPG	Gasoline	Kerosene	Jet Fuel	Diesel	Fuel Oil	Other	Total Oil Products	Coal	L. Coke	Oil Shale	N. Gas	Electricity	Solar Heaters	Bio Mass	Renewable Energy (Thermal)	Total Energy
Indigenous Production	12.9								0.0			111.7	134.6	1131.6	204.7	12.8	217.5	1608.3
Imports	1803.4	522.4	974.8	32.6	77.7	1141.9	0.0	0.0	2749.4	225.8	0.0		3374.9	22.6		23.7	23.7	8199.8
Exports							-154.8	0.0	-154.8				0.0	-16.5				-171.3
Bunkers				0.0	-11.1	-0.8			-11.9									-11.9
Stock Changes	-185.8	-22.2	-4.7	-25.6	2.7	-18.3	96.0	3.9	31.8									-154.0
Primary Energy Supply	1630.5	500.2	970.1	7.0	69.3	1122.8	-58.8	3.9	2614.5	225.8	0.0	111.7	3509.5	1138.0	204.7	36.5	241.2	9471.2
Electricity						-2.0	0.0		-2.0			-111.7	-3285.0	1419.9				-1867.1
Own Use														-26.7				-26.7
Oil refinery	-1630.6	68.9	485.2	64.4	231.5	549.6	202.4	82.1	1684.1					0.0				53.5
Own Use						-0.3	-48.0		-48.3					-2.1				-50.4
Trans. & Dist. Losses									0.0					-187.40				-187.4
Final Energy Demand	0.0	569.0	1455.30	71.4	300.9	1670.7	95.7	86.0	4294.8	226.0	0.0	0.0	224.4	2341.50	204.7	36.5	241.2	-2078.0
Final Energy Consumption	0.0	599.3	1460.6	72.5	307.7	1659.8	109.4	85.5	4294.8	226.0	0.0		224.4	1770.2	204.7	36.5	241.2	6756.6
Industrial		14.2				133.3	105.3		252.8	225.8	0.0		224.4	375.8				1078.8
Transport			1459.8		307.7	1151.6	4.2		2923.3					0.6				2923.9
Commercial & Services		90.3				74.2			164.5					410.1	45.1	15.0	60.1	634.7
HouseHolds		468.8		72.5		98.3			639.6					697.7	159.6	21.5	181.1	1518.4
Other Sectors		26.0				202.5			228.5					286.0				514.5
Non energy Use								85.5	85.5					0.0				85.5
Statistical Differences (%)		-0.05	0.00	-0.02	-0.02	0.01	-0.13	0.01	0.01	0.00	0.00		0.00	0.32	0.00	0.00	0.00	-0.09

Primary Energy Supply 2022



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	2018	2019	2020	2021	2022
Crude Oil & Products	5,225	5,006	4,121	3,966	4,245
Coal & L. coke	297	143	153	226	226
Renewable Energy	753	823	982	1,245	1,373
Natural Gas	3,438	3,281	3,311	3,270	3,509
Oil Shale	-	-	-	-	112
Imported Electricity	47	12	16	19	6
Total Primary Energy Supply	9,759	9,266	8,583	8,726	9,471



Imports & Local Production



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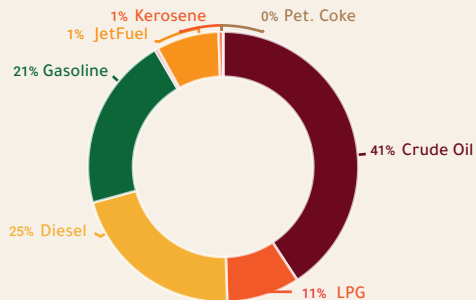
2022 Imports of Crude Oil, Oil Products (000 Tons)

	2018	2019	2020	2021	2022
Crude Oil	2,366	2,321	2,074	1,757	1,805
LPG	357	432	409	377	475
Diesel	1,145	963	910	914	1,098
Gasoline	964	977	773	899	911
JetFuel	67	305	0	16	74
Kerosene	0	0	5	23	31
Pet. Coke	105	0	0	0	0
Total	5,004	4,998	4,171	3,986	4,394

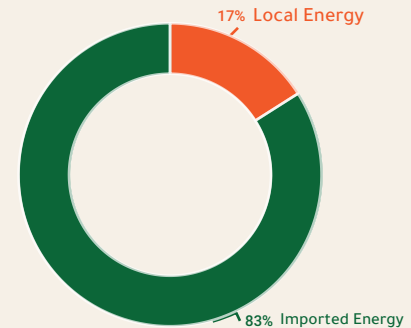
Local Production of Oil & Natural Gas (000 toe)

	2018	2019	2020	2021	2022
Crude Oil	1	0.2	2.5	14.3	13.0
Natural Gas	78	90	133	163	134.6
Total	79	90	135	177	148

2022 Oil & Oil Products Imports



2022 Local Production



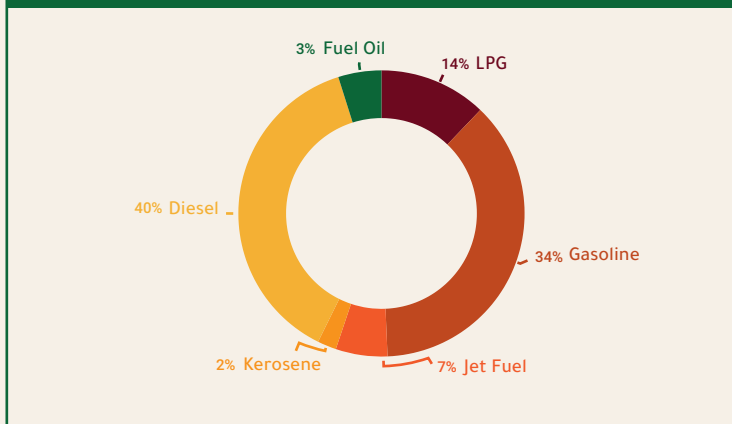
Petroleum Products Consumption



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	2018	2019	2020	2021	2022
LPG	429	478	464	438	545
Gasoline	1,410	1,411	1,139	1,342	1,365
Jet Fuel	412	462	137	211	293
Kerosene	69	95	83	77	69
Diesel	1,672	1,482	1,313	1,365	1,596
Fuel Oil	515	132	145	176	114

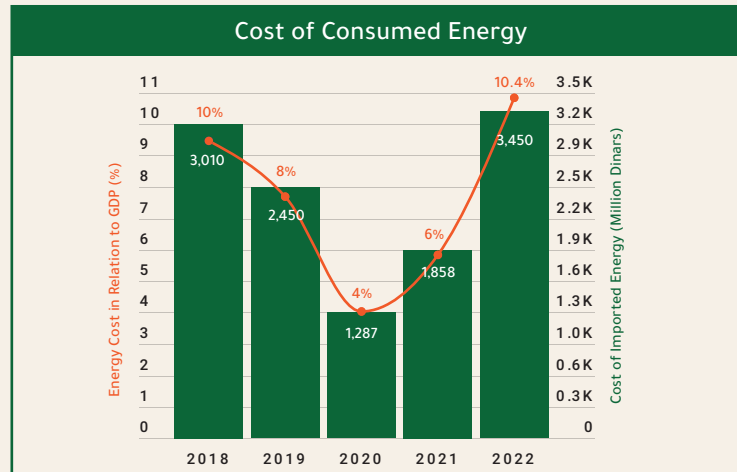
2022 Final Energy Consumption (000 Tons)



Cost of Consumed Energy



	Cost of Consumed Energy (Million JD)	Cost of Consumed Energy Related to GDP %
2018	3,010	10%
2019	2,450	8%
2020	1,287	4%
2021	1,858	6%
2022	3,450	10.4%



Segmental Distribution of Final and Electrical Energy Consumption



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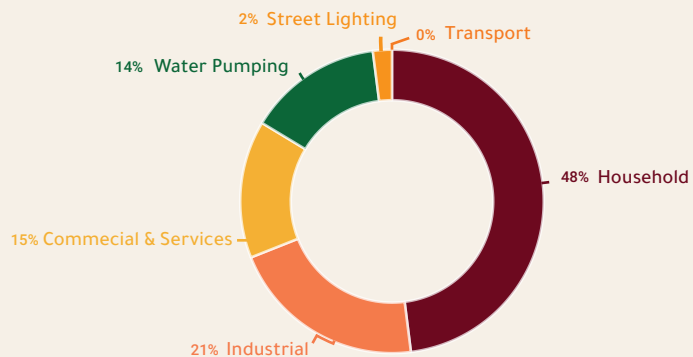
2022 Electricity Consumption (GWH)

	2018	2019	2020	2021	2022
Household	8,038	8,260	9,100	9,269	9,863
Industrial	3,877	3,622	3,489	4,049	4,370
Commercial & Services	2,507	2,870	2,584	2,831	3,019
Water Pumping	2,706	2,747	2,866	2,767	2,917
Transport (Electric Charging Stations)	-	-	-	-	7
Street Lighting	404	411	387	390	408
Total	17,532	17,910	18,425	19,306	20,584

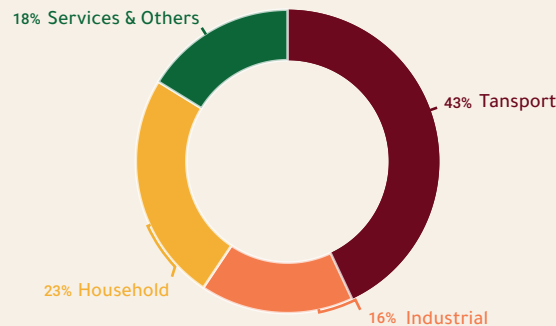
2022 Final Energy Consumption (000 Tons)

	2018	2019	2020	2021	2022
Tranport	3,363	3,074	2,308	2,677	2,924
Industrial	954	891	935	1,017	1,079
Household	1,463	1,484	1,487	1,520	1,518
Services & Others	981	1,109	1,045	1,235	1,235
Total (000 Toe)	6,761	6,560	5,774	6,448	6,756

2022 Electricity Consumption



2022 Final Electricity Consumption





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