



MINISTRY OF ENERGY AND MINERAL RESOURCES

Energy Balance Data 2023

	2019	2020	2021	2022	2023
Population (Thousand People)	10,554	10,806	11,057	11,302	11,516
GDP (Million JD) at current price	31,597	31,025	32,123	33,133	36,078
GDP Per Capita (JD)	2,994	2,871	2,905	2,932	3,133
Energy Intensity (kgoe/1000\$ in fixed price)	219	206	205	217	214
Per capita primary energy consumption (kgoe)	878	794	789	838	850
Per capita consumption of electricity (kwh)	1,697	1,703	1,746	1,821	1,890
Percentage of the population supplied with electricity (%)	9.99	99.9	100	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 ⁶ KWh)
CF	Cubic Feet

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

Jordan's Energy Balance for 2023 (Thousand toe)



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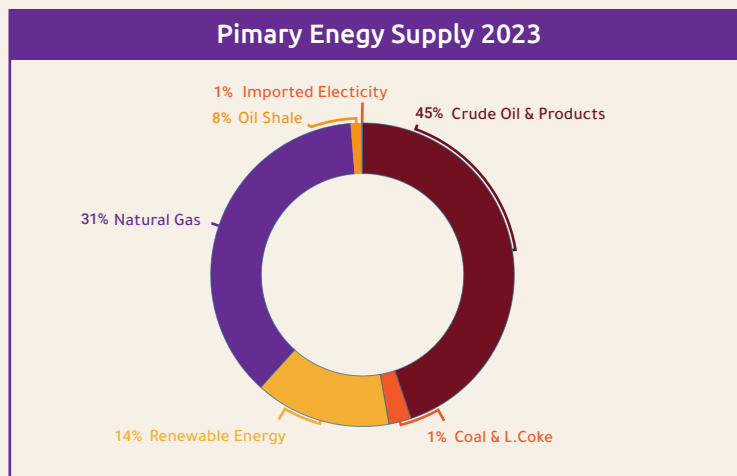
Sector	Crude Oil	LPG	Gasoline	Kerosene	Jet Fuel	Diesel	Fuel Oil	Other	Total Oil Products	Coal	L. Coke	Oil Shale	N. Gas	Electricity	Solar Energy	Bio Mass	Thermal Renewable Energy	المطلقة الكلية
Indigenous Production	6.0								0.0			805.8	153.3	1138.6	210.2	12.8	223.0	2326.7
Imports	1774.7	520.9	955.8	23.1	43.1	1042.0	0.0	0.0	2585.0	110.9	0.0		2885.7	22.9		27.1	27.1	7406.2
Exports							-73.2	0.0	-73.2				0.0	0.0				-73.2
Bunkers				0.0	0.0	0.0			0.0									0.0
Stock Changes	56.1	6.4	14.6	9.7	-8.4	12.6	42.2	-1.0	76.2									132.2
Primary Energy Supply	1836.8	527.3	970.4	32.9	34.7	1054.6	-31.0	-1.0	2587.9	110.9	0.0	805.8	3038.9	1162	210.2	39.9	250.1	9792
Electricity						0.0	-3.1		-3.1			-805.8	-2808.2	1523.6				-2093.4
Power Plant Own Use									0.0					0.0				0.0
Oil refinery	-1837	65.2	405.5	70.2	321.5	504.8	255.4	129.9	1752.5					0.0				-84.2
Oil Refinery Own Use					0.0	-0.3	-120.4	0.0	-120.7					-5.1				-126
Trans. & Dist. Losses									0.0					-261.3				-261
InLand Demand	0.0	592.6	1375.94	103.0	356.1	1559.1	101.0	129.0	4216.7	110.9	0.0	0.0	230.8	2418.8	210.2	39.9	250.1	7227
Final Energy Consumption	0.0	546.7	1412.4	102.9	278.3	1554.8	167.0	117.8	4179.9	111	0.0		230.8	1872.1	210.2	39.9	250.1	6643.0
Industrial		13.0				124.9	160.7		298.6	110.9	0.0		230.8	408.0				1048.2
Transport			1411.7		278.3	1078.7	6.3		2775.0					1.4				2776.4
Commercial & Services		82.4				69.5			151.8					355.8	46.3	16.4	62.7	570.4
HouseHolds		427.7		102.9		92.1			622.7					820.0	163.9	23.5	187.4	1630.0
Other Sectors		23.7				189.7			213.4					287.0				500.3
Non energy Use								117.8	117.8					0.0				117.8
Statistical Differences (%)		0.08	-0.03	0.00	0.28	0.00	-0.40	0.09		0.00	0.00			0.00	0.29	0.00	0.00	0.00

Primary Energy Supply 2023



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	2019	2020	2021	2022	2023
Crude Oil & Products	5,006	4,121	3,966	4,245	4,425
Coal & L. coke	143	153	226	226	111
Renewable Energy	823	982	1,245	1,373	1,389
Natural Gas	3,281	3,311	3,270	3,509	3,039
Oil Shale	-	-	-	112	806
Imported Electricity	12	16	19	6	23
Total Primary Energy Supply	9,266	8,583	8,726	9,471	9,792



Imports & Local Production



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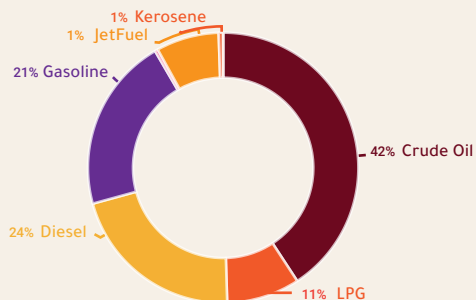
2023 Imports of Crude Oil, Oil Products (000 Tons)

	2019	2020	2021	2022	2023
Crude Oil	2,321	2,074	1,757	1,805	1,776
LPG	432	409	377	475	474
Diesel	963	910	914	1,098	1,002
Gasoline	977	773	899	911	893
JetFuel	305	0	16	74	41
Kerosene	0	5	23	31	22

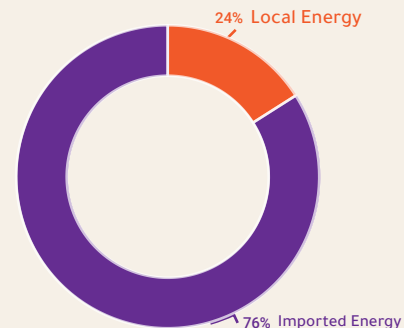
Local Production of Oil & Natural Gas (000 toe)

	2019	2020	2021	2022	2023
Crude Oil	0.2	2.5	14.3	13.0	6
Natural Gas	90	133	163	134.6	153
Total	90	135	177	148	159

2023 Oil & Oil Products Imports



2023 Local Production



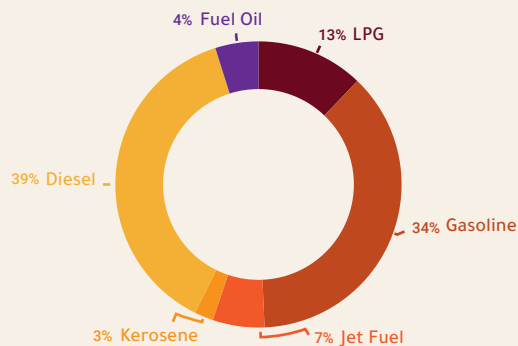
Petroleum Products Consumption



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	2019	2020	2021	2022	2023
LPG	478	464	438	545	497
Gasoline	1,411	1,139	1,342	1,365	1,320
Jet Fuel	462	137	211	293	265
Kerosene	95	83	77	69	98
Diesel	1,482	1,313	1,365	1,596	1,495
Fuel Oil	132	145	176	114	174

2022 Final Energy Consumption (000 Tons)

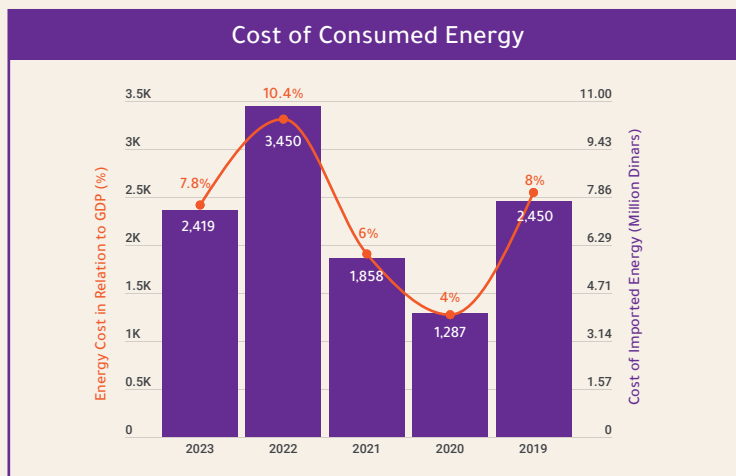


Cost of Consumed Energy



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	Cost of Consumed Energy (Million JD)	Cost of Consumed Energy Related to GDP %v
2019	2,450	8%
2020	1,287	4%
2021	1,858	6%
2022	3,450	10.4%
2023	2,419	7.8%



Segmental Distribution of Final and Electrical Energy Consumption

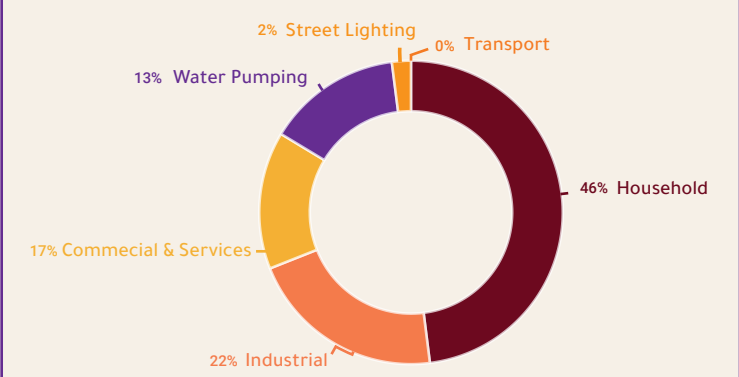
2023 Electricity Consumption (GWH)

	2019	2020	2021	2022	2023
Household	8,260	9,100	9,269	9,863	10,037
Industrial	3,622	3,489	4,049	4,370	4,744
Commercial & Services	2,870	2,584	2,831	3,019	3,635
Water Pumping	2,747	2,866	2,767	2,917	2,866
Transport (Electric Charging Stations)	-	-	-	7	16
Street Lighting	411	387	390	408	470
Total	17,910	18,425	19,306	20,584	21,769

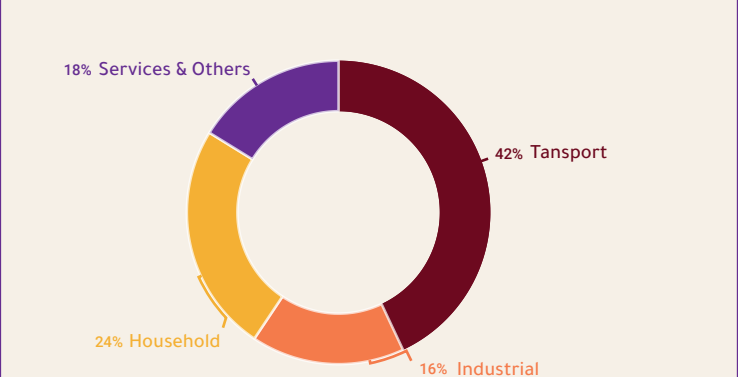
2023 Final Energy Consumption (000 Tons)

	2019	2020	2021	2022	2023
Tranport	3,074	2,308	2,677	2,924	2,776
Industrial	891	935	1,017	1,079	1,048
Household	1,484	1,487	1,520	1,518	1,630
Services & Others	1,109	1,045	1,235	1,235	1,188
Total (000 Toe)	6,560	5,774	6,448	6,756	6,643

2023 Electricity Consumption



2023 Final Electricity Consumption





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