



STATISTICAL COMMITTEE OF THE REPUBLIC OF ARMENIA (ARMSTAT)
STATE COUNCIL ON STATISTICS OF REPUBLIC OF ARMENIA

PRESS RELEASE

Yerevan

25.02.2021

**ENERGY BALANCE OF THE REPUBLIC OF ARMENIA, 2019
(FORMAT OF IEA)**

1000 tonnes of oil equivalent (1000 t. o. e.)

N		Total	BROWN COAL	Anthracite	Bituminous coal	Liquefied petroleum gases (LPG)	Motor Gasoline excl. bio	Gasoline type jet fuel	White spirit & SBP	Kerosene Type Jet Fuel excl. bio	Other Kerosene	Gas/Diesel Oil excl. bio	Fuel Oil	Lubricants	Paraffin Waxes	Bitumen	Other oil products	Natural Gas	Hydro power	Wind power	Solar PV	Solar Thermal	Fire wood	Solid biomass	Other biomass	Nuclear heat	Derived heat	Electricity	
1.1	Production	934.2																	203.9	0.3	6.2	8.5	49.2		21.9	644.2			
1.2	Imports	2 665.4	0.3	2.3	0.1	34.1	185.7	0.2	0.7	72.4	0.9	137.9	0.3	9.1	0.2	60.6	3.1	2 120.3					0.1	11.5	0.4			25.2	
1.3	International aviation bunker	-72.7						-0.2		-72.4																			
1.4	Exports	-109.2										-0.5		0.0		-0.1	0.0							0.0	-1.1			-107.6	
1.5	Stock changes	-13.8														-30.0		15.5							0.7				
1	TPES (Total primary energy supply)	3 403.9	0.3	2.3	0.1	34.1	185.7		0.7		0.9	137.4	0.3	9.1	0.2	30.5	3.1	2 135.8	203.9	0.3	6.2	8.5	49.3	11.5	21.9	644.2		-82.4	
2	Transfers																												
3	Statistical differences	0.0									0.0							0.0										0.0	
4	Transformation processes	-768.8																-576.2	-203.9	-0.3	-6.2					-644.2	0.7	661.3	
<i>4.1</i>	<i>Electricity plants</i>	-455.2																	-203.9	-0.3	-6.2					-644.2		399.4	

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4.1.1	Nuclear power stations (MA El. Gen.)	-455.2																									-644.2	189.0	
4.1.2	Hydro power stations (MA El. Gen.)																		-121.7										121.7
4.1.3	Small hydro power stations (MA El. Gen.)																		-82.2										82.2
4.1.4	Wind power stations (MA El. Gen.)																			-0.3									0.3
4.1.5	Solar power stations (MA El. Gen.)																				-6.2								6.2
4.2	Thermal power stations (MA El. Gen.)	-312.5																-573.7											261.2
4.3	Combined heat and power stations (CHP)	-1.1																-2.5									0.7	0.7	
4.4	Other stations																												
5	Energy industry own use	-32.3																-3.6									0.0	-28.7	
5.1	Nuclear power stations	-14.5																											-14.5
5.2	Thermal power stations (El. Gen., CHP)	-10.9																									0.0	-10.8	
5.3	Hydro power stations	-3.4																											-3.4
5.4	Wind power stations	0.0																											0.0
5.5	Gas transportation	-3.6																-3.6											
5.6	Other stations	0.0																											0.0
6	Distribution losses	-143.2																-95.6									-0.4	-47.1	
7	Total final consumption	2 459.6	0.3	2.3	0.1	34.1	185.7		0.7		0.9	137.4	0.3	9.1	0.2	30.5	3.1	1 460.4					8.5	49.3	11.5	21.9		0.2	503.1
7.1	Final energy consumption	2 413.4	0.3	2.3		34.1	185.6		0.1		0.9	136.2	0.0					1 460.4					8.5	49.3	11.5	20.8		0.2	503.1

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7.1.1	Industry	313.0				0.2	0.1		0.1			17.1	0.0					161.7					0.0	0.0				133.8
7.1.1.1	<i>Iron and steel</i>	19.9				0.0												13.9										6.0
7.1.1.2	<i>Chemical and petrochemical</i>	3.7										0.2						2.2										1.3
7.1.1.3	<i>Non-ferrous metals</i>	24.3										5.0						0.7										18.6
7.1.1.4	<i>Non-metallic minerals</i>	81.7				0.0	0.0		0.0			0.5						69.8										11.4
7.1.1.5	<i>Transport equipment</i>	0.1																0.1										0.0
7.1.1.6	<i>Machinery</i>	2.9				0.0												0.8						0.0				2.0
7.1.1.7	<i>Mining and quarrying</i>	84.2				0.0						10.8						8.4						0.0				64.9
7.1.1.8	<i>Food, beverages and tobacco</i>	75.1				0.0						0.0						56.2					0.0					18.9
7.1.1.9	<i>Paper, pulp and printing</i>	5.7																3.8										2.0
7.1.1.10	<i>Wood and wood products</i>	0.1																0.0					0.0					0.1
7.1.1.11	<i>Textiles and leather</i>	2.3																0.7					0.0					1.6
7.1.1.12	<i>Construction</i>	8.0				0.2	0.1		0.0			0.7	0.0					3.9										3.1
7.1.1.13	<i>Non-specified (Industry)</i>	5.1				0.0	0.0		0.0			0.0						1.2										3.8
7.1.2	Transport	806.6				28.4	185.6					103.1						480.8										8.7
7.1.2.1	<i>Rail, metro, other electric transport</i>	6.6																										6.6
7.1.2.2	<i>Road</i>	797.8				28.4	185.6					103.1						480.8										
7.1.2.3	<i>Aviation</i>	1.5																										1.5
7.1.2.4	<i>Non-specified (Transport)</i>	0.7																										0.7
7.1.3	Other sectors	1 293.9	0.3	2.3		5.5					0.9	16.1						817.8				8.5	49.3	11.5	20.8		0.2	360.6

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7.1.3.1	Households	812.7	0.3	0.5		0.4						0.4						557.0				4.3	49.3	11.5	20.8		0.2	168.0	
7.1.3.2	Agriculture	29.8									0.9	15.7																	13.2
7.1.3.3	Services	451.4		1.8		5.1												260.8				4.3							179.4
7.2	Non-energy use	46.2			0.1		0.0		0.7			1.1	0.3	9.1	0.2	30.5	3.1									1.1			
7.2.1	Chemical Industry	1.8							0.7			1.1																	
7.2.2	Other sectors	44.3			0.1		0.0						0.3	9.1	0.2	30.5	3.1								1.1				

Note:

The discrepancy between the totals and sum in some cases can be explained by using rounded data.

The energy balance of the Republic of Armenia in 2019 is compiled by the Ministry of territorial administration and infrastructure of the Republic of Armenia.

The methodology of the energy balance is available on the website

http://www.minenergy.am/storage/files/pages/pg_8282982648982_2.2EDRC-Explanatory_Notes_on_Energy_Balance_of_Armenia_for_2015_a.docx

The explanatory notes of energy balance of Armenia for 2019 is located by the following link:

http://www.mtad.am/u_files/file/energy/2_Armenia%20%20Energy%20Balance%202019_ENG.pdf in mtad.am website (armenian and english languages)

For clarifications, please contact:

☎ (374 11) 523 543 Industry and Energy Statistics Division

TOTAL PRIMARY ENERGY SUPPLY

3.4

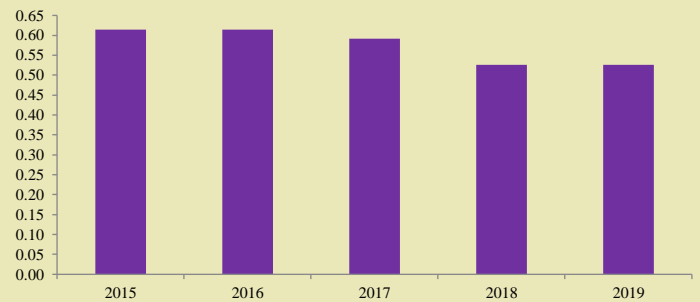
In 2019, the total primary energy supply in Armenia was 3.4 million tons of oil equivalent (toe).

DID YOU KNOW?

That this corresponds to 1.1 toe of energy consumption per capita per year. With 1.1 toe of fuel, a car can make 16.5 round trips between the Northern and Southern border points of Armenia*.

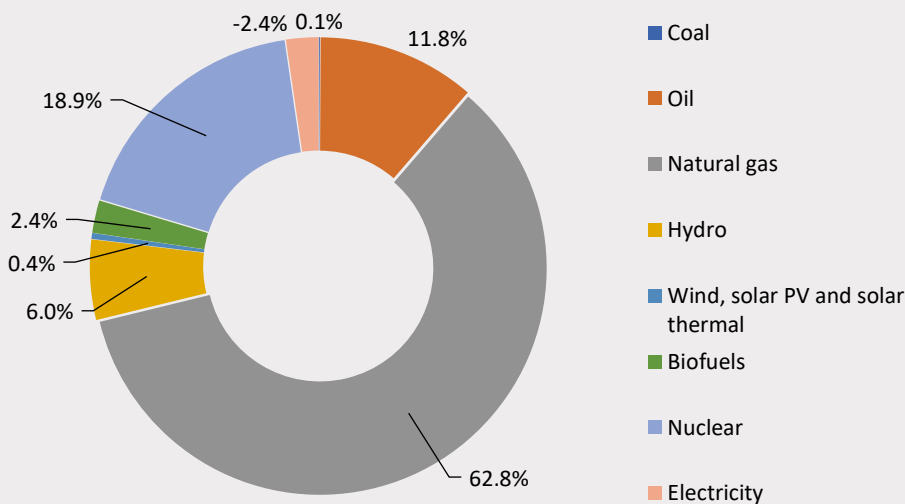
(*): Diesel car - avg consumption is 6.5 liters per 100 km

Energy intensity of the GDP, ktoe/billion AMD



ARMENIA ENERGY MIX

Total Primary Energy Supply (TPES)



ENERGY SELF SUFFICIENCY

27.4%

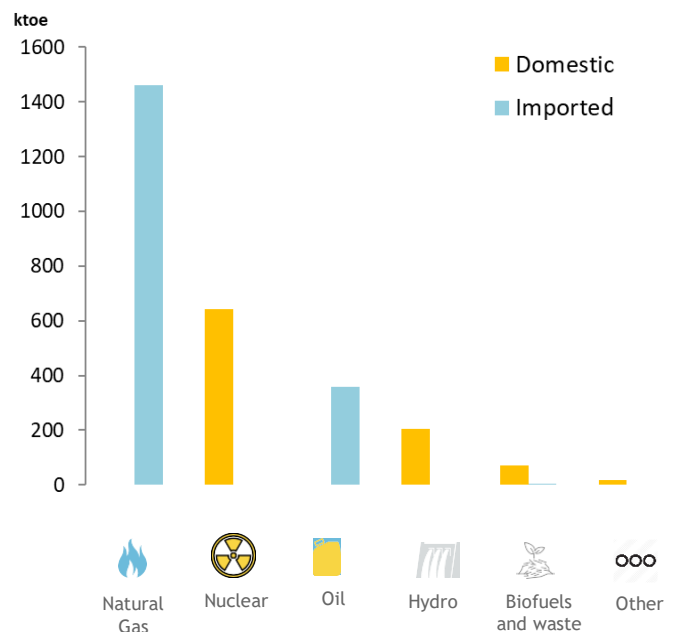
Energy production

Although Armenia does not produce any fossil fuels, the country manages to cover 27.4% of its energy demand with domestic energy production: nuclear energy, hydro energy, as well as other renewable energy resources (0.93 mln toe).

Imports and Exports

All fossil fuels need to be imported. Natural gas represents the largest - 79.5% share of Armenia's energy imports (2.12 mln toe), followed by oil products 19.0% (0.51 mln toe).

Armenia exports small amounts of electricity.



TRANSFORMATION

Electricity Generation

0.66

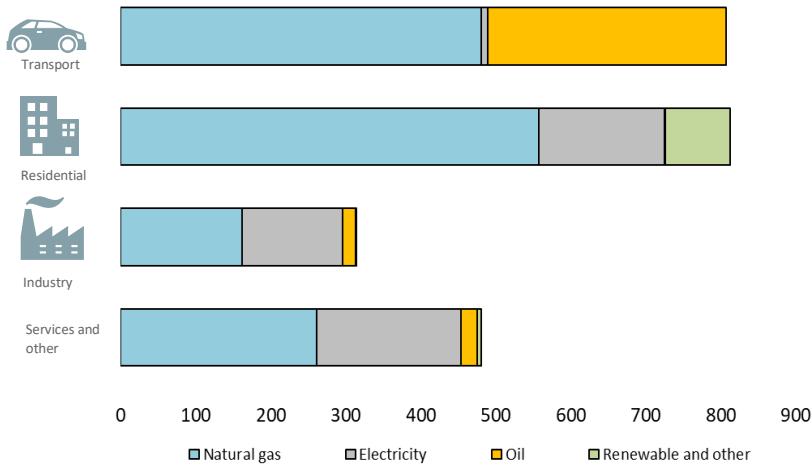
Armenia produced 0.66 mln toe electricity in 2019, of which by nuclear power plant (28.6%), natural gas fired thermal power plants (39.6%), hydro power plants (30.8%) and wind and solar plants (1.0%).



Although Armenia's energy mix is dominated by gas, the electricity mix is well diversified in comparison to many of its neighbors.

TOTAL FINAL ENERGY CONSUMPTION

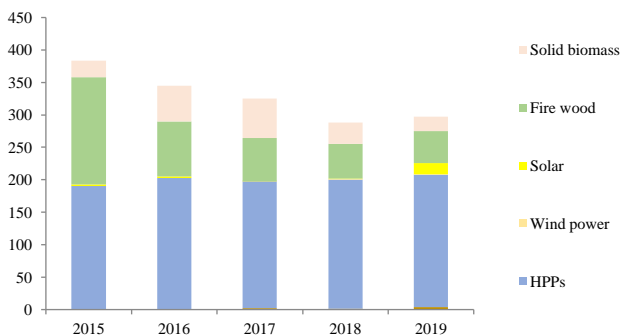
2.41 mln toe



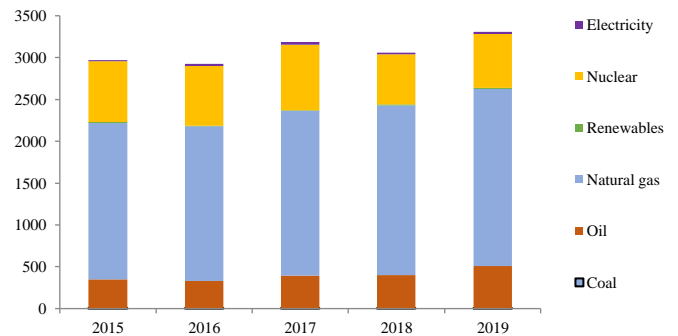
DID YOU KNOW?

- Since 2015, Armenia publishes an official energy balance with details on energy consumption and methodology.
- The households are the main and largest final consumers of energy (33.7%) including the natural gas.
- Transport is the second largest final energy consuming sector (33.4%) driving the demand for imported oil products.

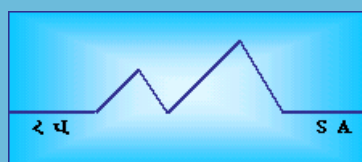
Primary energy production, ktoe



Energy imports, ktoe



This factsheet is based on statistics collected by the Statistical Committee of the Republic of Armenia (ArmStat). To discover more, please visit <http://www.armstat.am>



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