

## **About results of the survey on fuel and energy consumption in households in 2010**

With the purpose of obtaining information on fuel and energy consumption the statistical survey, covered 18447 households in all regions and towns of the Republic, has been conducted by the SSC Azerbaijan during 2010.

26,9 per cent of households were share of Baku city, 22,1 per cent Aran economic region, 13,3 per cent Ganja-Gazakh, 9,0 per cent Lankaran, 7,2 per cent-Shaki-Zagatala, 5,9 per cent Absheron, 5,3 per cent Guba-Khachmaz, 4,0 per cent-Nakhchivan, 3,5 per cent Daghliq-Shirvan, 2,8 per cent Yukhari Garabagkh economic region.

According to results of survey all of the households have used electricity, 83,4 per cent natural gas, 31,1 per cent liquid petroleum gas, 29,4 per cent diesel fuel, 31,5 per cent motor gasoline, 17,2 per cent kerosene, 4,2 per cent wood.

56,9 kVt.h electricity was consumed by per sq.m floor space on the country, 44,4 cubic metre natural gas, 464,6 litre motor gasoline (including 464,2 litre consumed for motor car, 0,4 litre domestic purposes), 33,4 litre diesel fuel (including 32,7 litre consumed for motor car, 0,7 litre domestic purposes), 7,4 kg liquid petroleum gas (including 1,5 kg for domestic purposes, 5,9 kg motor car), 0,1 litre kerosene for domestic needs.

At average 2966,7 kVt.h electricity have been used by per households, 2143,0 cubic metre natural gas, 2151,5 litre motor gasoline for motor car and 18,0 litre motor gasoline for domestic purposes, 1388,5 litre diesel fuel for motor car and 38,6 litre diesel fuel for domestic purposes, 376,3 kg and 98,3 kg liquid petroleum gas respectively for motor car and domestic purposes, 5,6 litre kerosene for domestic purposes, 4,9 cubic metre wood.

According to results of the survey it was defined that 5755,3 million kVt.h of electricity has been consumed by population during the year, 2877,9 million cubic metre natural gas, 833,5 thousand ton motor gasoline (including 832,3 thousand ton consumed for motor car, 1,2 litre domestic purposes), 325,3 thousand tones of diesel fuel (including 312,9 thousand tones consumed for motor car, 12,4 thousand tones domestic purposes),

56,9 thousand ton liquid petroleum gas (including 53,7 thousand tones consumed for domestic purposes, and 3,2 thousand tones-motor car), 1,8 thousand tones-kerosene and 301,9 thousand cubic metre-wood.

In the result of applying of modern machineries, equipment and technologies in life, as well as installation of new electronic counters and economic bulbs and relative price increasing of retail sale price of natural gas, there were made save during 2009 in electricity and natural gas per household, respectively 4,2 per cent and 3,5 per cent.

### Electricity and natural gas consumption

	Electricity				Natural gas			
	total, million kVt.h		per household, kVt.h		total, million cubic metre		per household, cubic metre	
	2009	2010	2009	2010	2009	2010	2009	2010
<b>Republic, total</b>	<b>5847,3</b>	<b>5755,3</b>	<b>3097,4</b>	<b>2966,7</b>	<b>2798,4</b>	<b>2877,9</b>	<b>2221,4</b>	<b>2143,0</b>
Including economical regions:								
Baku city	2553,2	2521,4	3845,8	3622,5	1464,3	1486,1	2560,0	2480,9
Nakhchivan	195,4	162,0	2495,4	2554,7	128,7	118,2	1539,4	1523,1
Absheron	304,3	356,6	3340,1	3260,5	235,0	241,4	1872,5	1945,2
Ganja-Gazakh	510,8	588,5	2484,4	2460,9	314,9	367,9	2253,6	2075,0
Shaki-Zagatala	288,2	257,2	2480,5	1925,9	107,9	111,9	2450,9	2376,4
Lankaran	420,2	352,6	2775,9	2209,9	86,2	84,4	1780,3	1716,3
Guba-Khachmaz	227,0	282,3	2331,2	2194,3	135,3	132,3	2344,7	2160,1
Aran	1138,7	1018,5	3248,8	3429,4	261,8	264,8	1829,9	1797,8
Yukhari Karabakh	104,0	105,5	2972,1	3089,9	9,1	9,5	1786,9	1510,5
Daglig Shirvan	105,5	110,7	2026,2	2059,1	55,2	61,4	2341,5	2133,6

Based on results of the survey, 43,9 per cent of electricity was consumed in Baku city, 17,7 per cent Aran economic region, 10,2 per cent Ganja-Gazakh, 6,1 per cent Lankaran, 6,2 per cent Apsheron, 4,9 per cent Guba-Khachmaz, 4,5 per cent Shaki-Zagatala, 2,8 per cent Nakhchivan, 1,9 per cent Daglig Shirvan, 1,8 per cent Yukhari Karabagh economic region. 51,7 per cent of natural gas was used in Baku city, 12,8 per cent Ganja-Gazakh, 9,2 per cent Aran economic region, 8,4 per cent Apsheron, 4,1 per cent Nakhchivan, 4,6 per cent Guba-Khachmaz, 3,9 per cent Shaki-Zagatala, 2,9 per cent Lankaran, 2,1 per cent Daglig Shirvan, 0,3 per cent Yukhari Karabagh economic region.

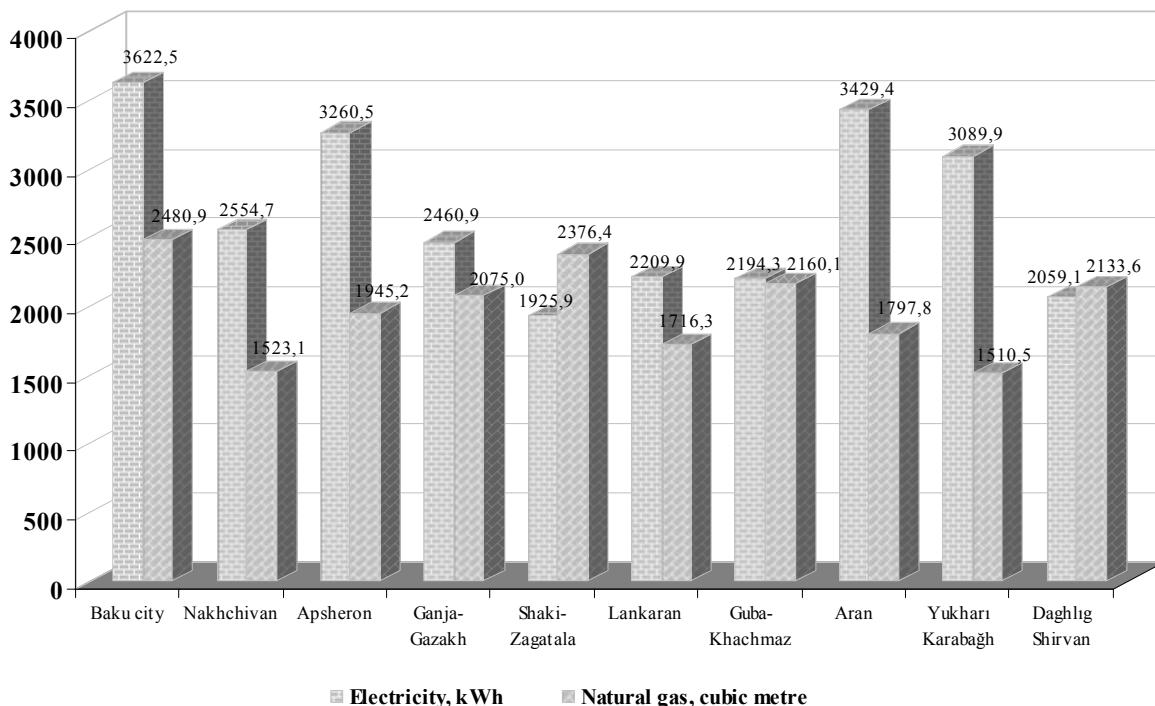
Electricity consumption compared to average annual per household consumption by whole the country was higher by 655,8 kVt.h in Baku city, 293,8 kVt.h Apsheron economic region, 462,7 kVt.h Aran economic region,

123,2 kVt.h Yukhari Garabagh economic region and electricity consumption was lower by 907,6 kVt.h in Daghlig Shirvan economic region, 772,4 kVt.h - Guba-Khachmaz, 1040,8 kVt.h Shaki Zagatala, 505,8 kVt.h Ganja-Gazakh, 412,0 kVt.h Nakhchivan, 756,8 kVt.h Lankaran.

Natural gas consumption compared to average annual per household consumption by whole the country was higher by 337,9 cubic metre in Baku city, 233,4 cubic metre Shaki-Zagatala, 17,1 cubic metre Guba-Khachmaz and was lower by 619,9 cubic metre in Nakhchivan, 68,0 cubic metre Ganja-Gazakh, 426,7 cubic metre Lankaran, 632,5 cubic metre Yukhari Garabagh, 345,2 cubic metre Aran, 197,8 cubic metre Apsheron, 9,4 cubic metre Daghlig Shirvan.

832,3 thousand tones of motor gasoline, 312,9 thousand tones of diesel fuel, 3,2 thousand tones of liquid petroleum gas were used in passenger cars and freight vehicles, 1,2 thousand tones of motor gasoline, 12,4 thousand tones of diesel fuel, 53,7 thousand tones of liquid petroleum gas, 1,8 thousand tones of kerosene and 301,9 thousand tones of wood were consumed for domestic purposes.

### Annual consumption of electricity and natural gas per household by economic regions



Diesel fuel consumption per household was higher than average indicator by the country for 458,1 litre in Baku city, 145,4 litre in Nakhchivan economic region, 96,2 litre in Ganja-Gazakh, 56,6 litre in Shaki-Zagatala, 803,6 litre in Apsheron, diesel fuel consumption was lower by 63,8 litres in Yukhari Garabagh, 171,8 litres in Daghligh Shirvan, 307,0 litres in Guba-Khachmaz, 119,0 litres in Lankaran economic region, 37,6 litres in Aran economic region.

**Amount of fuel consumed in different modes of transport in households,  
thousand tones**

	Motor gasoline		Diesel fuel		Liquid petroleum gas	
	2009	2010	2009	2010	2009	2010
<b>Republic, total</b>	<b>761,2</b>	<b>832,3</b>	<b>243,6</b>	<b>312,9</b>	<b>3,1</b>	<b>3,2</b>
Including economical regions:						
Baku city	232,7	253,8	22,7	29,2	0,3	0,2
Nakhchivan	50,3	54,9	23,1	29,8	-	-
Absheron	32,5	35,8	7,1	9,7	0,2	0,2
Ganja-Gazakh	97,5	106,5	35,6	42,8	-	0,1
Shaki-Zagatala	49,3	54,2	21,6	30,4	0,2	0,2
Lankaran	48,8	53,3	5,7	7,2	-	0,2
Guba-Khachmaz	39,3	43,2	4,8	6,3	0,1	0,2
Aran	175,4	192,4	109,2	139,5	2,1	1,8
Yukhari Karabakh	18,3	19,9	3,4	4,5	-	0,1
Daglig Shirvan	17,1	18,3	10,4	13,5	0,2	0,2

30,7 per cent of used motor gasoline used in motor car was share of Baku city, 23,1 per cent Aran, 12,7 per cent Ganja-Gazakh, 6,5 per cent Nakhchivan, 6,6 per cent Shaki-Zagatala, 6,4 per cent, Lankaran, 5,1 per cent Guba-Khachmaz, 4,3 per cent Apsheron, 2,4 per cent Yukhari Garabagh, 2,2 per cent Daghligh Shirvan, 44,5 per cent of consumed diesel fuel was share of Aran, 13,7 per cent Shaki-Zagatala, 9,7 per cent Ganja-Gazakh, 9,6 per cent Nakhchivan, 9,3 per cent Baku city, 4,3 per cent Daghligh Shirvan, 3,1 per cent Apsheron, 2,3 per cent Lankaran, 2,1 per cent Guba-Khachmaz, 1,4 per cent Yukhari Garabagh economic region. 56,0 per cent of consumed liquid petroleum gas was share of Aran, 6,3 per cent Baku city, Apsheron, Shaki-Zagatala, Lankaran, Guba-Khachmaz, Daghligh Shirvan, 3,1 per cent Ganja-Gazakh and Yukhari Garabagh.

### Amount of fuel consumed for domestic purposes, thousand tones

	Motor gasoline		Diesel fuel		Liquid petroleum gas		kerosene		Wood, thousand m <sup>3</sup>	
	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010
<b>Republic, total</b>	<b>1,3</b>	<b>1,2</b>	<b>12,3</b>	<b>12,4</b>	<b>57,4</b>	<b>53,7</b>	<b>2,8</b>	<b>1,8</b>	<b>221,7</b>	<b>301,9</b>
Including economical regions:										
Baku city	-	0,1	-	0,3	0,4	0,3	-	0,1	-	-
Nakhchivan	0,2	0,1	0,5	0,4	1,6	1,4	0,2	0,1	8,7	10,6
Absheron	-	-	-	-	0,5	0,3	-	0,1	-	-
Ganja-Gazakh	-	0,1	1,3	1,2	4,3	4,1	0,3	0,2	30,5	47,2
Shaki-Zagatala	-	0,2	2,1	2,2	7,5	6,8	0,2	0,1	28,2	41,0
Lankaran	0,3	0,1	-	0,2	8,5	7,8	0,6	0,4	43,7	60,7
Guba-Khachmaz	-	0,1	0,6	0,5	0,4	0,6	0,2	0,1	18,7	26,9
Aran	0,4	0,2	5,2	5,3	31,1	29,4	1,0	0,5	48,9	59,8
Yukhari Karabakh	0,3	0,2	0,8	0,7	1,0	1,1	0,2	0,1	17,6	23,4
Daglig Shirvan	0,1	0,1	1,8	1,6	2,1	1,9	0,1	0,1	25,4	32,3

8,3 per cent of motor gasoline consumed for domestic purposes was share of Baku city, Nakhchivan, Ganja-Gazakh, Lankaran, Guba-Khachmaz and Daghigh Shirvan heconomic region, 16,7 per cent Shaki-Zagatala, Aran, Yukhari Garabagh economic region.

42,7 per cent of diesel fuel consumed for domestic purposes was share of Aran, 17,7 per cent Shaki-Zagatala, 12,9 per cent Daghigh Shirvan, 9,8 per cent Ganja-Gazakh, 5,6 per cent Yukhari Garabagh, 4,1 per cent Guba-Khachmaz, 3,2 per cent Nakhchivan, 2,4 per cent Baku city and 1,6 per cent Lankaran economic region.

54,7 per cent of liquid petroleum gas was share of Aran, 14,5 per cent Lankaran, 12,8 per cent Shaki-Zagatala, 7,6 per cent Ganja-Gazakh, 2,6 per cent Nakhchivan, 3,5 per cent Daghigh Shirvan, 2,0 per cent Yukhari Garabagh, 1,1 per cent Guba-Khachmaz, 0,6 per cent Baku city and Apsheron economic region.

27,7 per cent of consumed kerosene was share of Aran, 22,1 per cent Lankaran, 11,0 per cent Ganja-Gazakh, 5,6 per cent Baku city, Nakhchivan, Apsheron,

Shaki-Zagatala, Guba-Khachmaz, Yukhari Garabagh, Daghigh Shirvan economic region.

20,1 per cent of consumed wood was share of Lankaran, 19,8 per cent Aran, 15,6 per cent Ganja-Gazakh, 13,6 per cent Shaki-Zagatala, 10,7 per cent Daghligh Shirvan, 8,9 per cent Guba-Khachmaz, 7,8 per cent Yukhari Garabagh, 3,5 per cent Nakhchivan.

In terms of Ton of Oil Equivalent of energy products consumed by households 58,4 per cent of consumption was share of natural gas, 10,8 per cent electricity, 18,8 per cent motor gasoline, 7,2 per cent diesel fuel, 3,3 per cent wood, 1,4 per cent liquid petroleum gas, 0,1 per cent kerosene.