



The State Statistical Committee of the Republic of Azerbaijan

**RESULTS OF 2012 SAMPLE STATISTICAL SURVEY ON CONSUMPTION
AND PRODUCTION OF TYPES OF ENERGY BY PRIVATE
ENTREPRENEURS (NATURAL) ENTITIES**

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Introduction

For the purpose to execute “Plan of Actions on EC Energy Reform Support Programme for the Republic of Azerbaijan”, component “Sample statistical survey on production and consumption of types of energy by private entrepreneurs”, item 4.2 “Enhancement of official statistics in the field of energy”, confirmed by the decree of the Cabinet of Ministers of the Republic of Azerbaijan dated 16 December 2009, № 191, the sample statistical survey on production and consumption of types of energy by private entrepreneurs acting without formation of legal entity has been carried out by the State Statistical Committee. As a result of this survey, the new statistical information on production and consumption of energy products by private entrepreneurs acting in the country was initially obtained, detailed information on consumption of energy products by branches of economy was collected. At the same time, all of them serve to the completeness of energy balance.

2-energy (private entrepreneur) semi-annual, one time statistical questionnaire on “Consumption and production of types of energy by private entrepreneurs (natural persons)” and the methodological guidelines on filling in had been prepared for conduction of the survey.

I. General provisions

The sample statistical survey had covered all regions of the country by types of activity and 15.0 percent or 16.8 thsd. of natural persons.

As a result of the survey there was obtained final information on volume of fuel and energy consumed during 2012 and use of energy products by types of economic activity, economic area and regions. The obtained results were related to all private entrepreneurs by the country. The survey results were used for enhancement of energy statistics and compilation of energy balance, the outcomes were presented to the appropriate users.

II. General plan of the statistical survey

The survey process had covered the following organizational and statistical stages:

6. definition of main purposes;
7. compilation of the sample design;
8. preparation of the questionnaire and methodological guidelines on filling in;

9. data collection, analysis, input and processing;
10. statistical analysis, publication, dissemination of the results and usage of them for compilation of energy balance.

Arrangement of the survey and control on its progress was realized by the Department of Industry and Construction Statistics of the SSC. The list of sample units and the results of the survey were related to total population and the Statistical Information Scientific-Research and Technological Center of the SSC obtained the general results.

The local statistical authorities of the SSC controlled the filling in of the questionnair by private entrepreneurs covered by the sample and the online collection of the data, the Main Calculation Center had provided the preparation of the software and obtaining of summary tables.

III. Main purposes

The following main purposes were achieved by means of survey conduction:

- the data on energy products consumed by private entrepreneurs, its volume, surplus and distribution by the types of activity were initially obtained;
- the completeness of information on energy balance “final consumption sector” was provided;
- the volume of energy consumption by economic regions was defined;
- the quantity of electric energy consumed by private entrepreneurs was investigated;
- data on the volume of energy costs of private entrepreneurs was obtained.

IV. Compilation of the sample design

Total population. The total population had covered private entrepreneurs acting in Agriculture, forestry and fishing (section A); Mining and quarrying (section B); Manufacturing (section C); Electricity, gas and steam production, distribution and supply (section D); Water supply; sewerage, waste management and remediation activities (section E); Construction (section F); Trade; repair of motor vehicles (section G); Transportation and storage (section H); accommodation and food service activities (I); Information and communication (J) and other fields.

Table 1

**Private entrepreneurship subjects acting without formation of legal entity by
branches of economy for the state of 01.01.2012, unit**

Economic and administrative regions	Private entrepreneurs by total population	Private entrepreneurs by sampled population
By country - total	111256	16758
Baku city	35469	5469
Absheron e/r	7811	1370
Absheron region	2168	417
Sumgayit city	5548	933
Khizi region	95	20
Ganja-Gazakh e/r	13835	2012
Aghstafa region	991	133
Dashkesen region	276	45
Gadabay region	778	101
Ganja city	4703	655
Goranboy region	1119	150
Goygol region	742	113
Gazakh region	1091	184
Samukh region	528	77
Shamkir region	1726	227
Tovuz region	1741	312
Naftalan city	140	15
Shaki-Zagatala e/r	8120	1309
Balakan region	1208	176
Gakh region	843	111
Qabala region	1600	294
Oghuz region	592	83
Shaki region	2000	360
Zagatala region	1877	285
Lankaran e/r	6900	936
Astara region	853	100
Jalilabad region	1469	216
Lerik region	442	62
Lankaran region	2162	251
Masally region	1741	271
Yardimli region	233	36
Guba-Khachmaz e/r	6181	945
Shabran region	611	89
Khachmaz region	2065	348
Guba region	1945	283
Gusar region	1154	165

Economic and administrative regions	Private entrepreneurs by total population	Private entrepreneurs by sampled population
Siyazan region	406	60
Aran economic region	22366	3199
Aghjabadi region	1063	194
Aghdash region	1003	123
Barda region	2163	308
Beylaqan region	1354	263
Bilasuvar region	1251	198
Shirvan region	1264	147
Goychay region	1576	212
Hajigabul region	459	61
Imishli region	1179	178
Kurdamir region	1113	161
Mingechevir city	2003	274
Neftchala region	1339	204
Saatli region	967	116
Sabirabad region	1324	162
Salyan region	1590	192
Ujar region	639	93
Yevlakh region	1410	232
Zardab region	669	81
Yukhari Garabagh e/r	2846	459
Aghdam region	1057	147
Tartar region	726	118
Khojavend region	53	14
Khocaly region	23	5
Shusha region	78	12
Jabrayil region	174	35
Fuzuli region	735	128
Kalbajar-Lachin e/r	602	148
Kalbajar region	82	16
Lachin region	368	94
Zangilan region	87	28
Qubadli region	65	10
Daghigh Shirvan e/r	3466	506
Aghsu region	786	107
Ismayilli region	1148	175
Gobustan region	372	66
Shamakhi region	1160	158
Nakhchivan e/region	3660	405

Sampled population. Sampled population was defined on the regions by optimal distribution in the same quantity. The criterion for distribution of sampled population by groups was the distribution of subjects by types of activity.

Definition of sample units. Sample units were private entrepreneurs covered by the sample, i.e. directly surveyed entrepreneurs. These units were defined by simple accidental sampling order, by the equal probability principle. For realization of this process the total population of private entrepreneurship objects were grouped by the regions and types of activity and the sample was conducted within each group by accidental way.

V. Questionnaire and methodological guidelines on its filling in

2-energy (private entrepreneur) semi-annual, one time questionnaire on “Consumption and production of types of energy by private entrepreneurs (natural persons)” and the methodological guidelines on filling in had been prepared for conduction of the survey by the Department of Industry and Construction Statistics and confirmed by the decree of the State Statistical Committee of the Republic of Azerbaijan dated 27 August 2012, № 63/14. The reporting form was compiled of 16 questions (attached).

The following questions regarding to main types of energy products (electric and heating power, natural gas, wood, motor petrol, diesel fuel, kerosene, liquid gas and lubricants) were included in the reporting form:

Section I. Consumption, sale and surplus of energy products

- surplus by types of energy products for the beginning and the end of a quarter;
- energy products consumed during a quarter;
- volume of fuel and energy sold by private entrepreneur (natural person).

Section II. Production of electricity by private entrepreneur

- production of electricity by generator and etc. using any energy product;
- fuel consumed for production of electricity.

Section III. Main economic indicators of private entrepreneur (natural person)

- number of workers;
- costs of private entrepreneur (natural person);
- profits of private entrepreneur.

VI. Data collection, analysis, input and processing

The completeness and correctness of the questionnaires filled in and presented by entrepreneurs are defined on their initial reception and during the process of data input. For this purpose, control notes were presented in data input documents of the questionnaire; collected, checked and input data were processed and the summary tables were prepared.

VII. Economic-statistical analysis of results

31.9 % of private entrepreneurs covered by the survey are per the share of Baku city, 20.1% - Aran economic region, 12.4% - Ganja-Gazakh, 7.3% - Shaki-Zagatala, 7.0% - Absheron, 6.2% - Yukhari Garabagh, 0.5% - Kalbajar-Lachin economic regions.

Survey summary information on the occupied regions of the country was recorded by the place, where these regions are actually located.

During the survey generally 285.5 thsd. kVt/hour of electricity was produced by private entrepreneurs, of which 99.9% was produced by generator, 0.1% - alternative sources of energy. 150.9 thsd. kVt/hour of electricity produced by generators or 52.9% of total production were from petrol generators, 134.2 thsd. kVt/hour or 47.1% - diesel generators. 103.1 thsd. kVt/hour of the produced electricity or 36.1% of total production were recorded in industry; 66.2 thsd. kVt/hour or 23.2% - trade, repair of motor vehicles; 31.8 thsd. kVt/hour or 11.1% - construction; 26.8 thsd. kVt/hour or 9.4% - accommodation and food service activities; 20.6 thsd. kVt/hour or 7.2% - agriculture, forestry and fishing, the rests – in other branches of economy.

Private entrepreneurs in their business activity mostly consumed motor petrol in the field of transportation and storage (64.7% of total energy costs), production of paper and cardboard (correspondingly 75.9%), metallurgy industry (60.8%), water supply, sewerage, waste management and remediation activities (58.7%), publishing and duplicating activities (58.1%), production of furniture (49.0%), production of other industrial products (42.2%), production of electronic equipments (40.8%), information and communication (34.1%), production of leather and leather goods, shoes (33.9%), production of finished metal products (32.1%), production of clothes (31.9%) and etc.

Private entrepreneurs gave the preference to use diesel fuel for energy purposes in the field of production of machinery and equipments (91.1%), production of electronic equipments (53.7%), transportation and storage (30.8%), mining and quarrying (24.5%),

publishing and duplicating activities (21.7%), construction (18.9%), agriculture, forestry and fishing (14.2%), production of rubber and plastic materials (14.0%).

According to the results of the survey it became clear that private entrepreneurs acting in manufacturing industry mostly consumed energy carriers such as natural gas and electricity. Particularly, they mostly consumed natural gas in production of food products (98.6%), beverages (95.0%), other non-metal mineral products (91.7%), chemical industry (90.8%), computer, electronic and optical equipments (90.4%), accommodation and food service activities (65.0%), construction (64.1%), finished metal products (59.1%). Private entrepreneurs consumed electricity mainly in knitting industry (71.0%), mining and quarrying (68.2%), production of wood, cork and wooden goods except furniture (47.8%), clothing (43.4%), trade; repair of motor vehicles (41.3%), rubber and plastic materials (39.6%).

The results of the sample statistical survey were referred to all private entrepreneurs by the country and it was defined that during 2012 private entrepreneurs consumed for their own business 1105.7 mln. kVt/hour of electricity, 352.1 mln. cubic meters of natural gas, 75.5 thsd. ton of motor petrol (including 74.9 thsd. ton or 99.3% in motor vehicles and 505.0 ton or 0.7% - for other purposes), 29.8 thsd. ton of diesel fuel (including 25.6 thsd. ton or 85.8% in motor vehicles, 3.7 thsd. ton or 12.4% - tractors and 0.5 thsd. ton or 1.6% - for other purposes), 2113.3 ton of liquid gas (including 1747.1 ton or 82.7% - for other purposes, 366.2 ton or 17.3% - motor vehicles), 604.4 ton of lubricants, 128.3 thsd. cubic meters of wood, 76.5 thsd. litres of kerosene and 812.5 ton of other types of energy.

37.0 thsd. ton or 49.1% of motor petrol consumed by private entrepreneurs were in trade; repair of motor vehicles, 10.9 thsd. ton or 14.4% of total consumption – transportation and storage, 5.9 thsd. ton or 7.9% - accommodation and food service activities, 5.9 thsd. ton or 7.9% - industry, 1.5 thsd. ton or 1.9% - agriculture, forestry and fishing and 14.3 thsd. ton or 18.8% - other branches of economy.

11.2 thsd. ton of diesel fuel consumed by private entrepreneurs or 37.7% of total consumption were recorded in trade; repair of motor vehicles, 5.2 thsd. ton or 17.5% - transportation and storage, 3.9 thsd. ton or 13.1% - accommodation and food service activities, 2.6 thsd. ton or 8.7% - agriculture, forestry and fishing, 2.3 thsd. ton or 7.6% - industry, 1.4 thsd. ton or 4.2% - construction and 3.2 thsd. ton or 11.2% - other branches of economy.

268.5 mln. cubic meters or 76.2% of natural gas were consumed for business purposes in industry, 36.7 mln. cubic meters or 10.4% of total consumption – accommodation and food service activities, 23.6 mln. cubic meters or 6.7% - trade; repair of motor vehicles, 7.7 mln. cubic meters or 2.2% - agriculture, forestry and

fishing, 5.4 mln. cubic meters or 1.5% - construction and 10.2 mln. cubic meters or 3.0% - other branches of economy.

595.1 mln. kVt/hour of electricity or 53.9% of total consumption were consumed in trade; repair of motor vehicles, 81.3 mln. kVt/hour or 7.4% - industry, 81.1 mln. kVt/hour or 7.3% - agriculture, forestry and fishing, 67.8 mln. kVt/hour or 6.1% - accommodation and food service activities, 7.7 mln. kVt/hour or 0.7% - correspondingly in the field of construction and information and communication, and 272.1 mln. kVt/hour or 23.9% - other branches of economy.

1.4 thsd. ton of liquid gas consumed by private entrepreneurs or 64.5% of total consumption were recorded in accommodation and food service activities, 417.1 ton or 19.8% - trade; repair of motor vehicles, 204.7 ton or 9.7% - industry, 41.3 ton or 2.0% - transportation and storage, 14.2 ton or 0.7% - construction and 66.2 ton or 3.0% - other branches of economy.

Consumption of wood for business purposes was mainly defined in accommodation and food service activities (61.8% of total wood consumption), trade; repair of motor vehicles (18.0%), production of food products (11.7%), agriculture, forestry and fishing (1.9%).

Private entrepreneurs engaged in business activity consumed also wood coal in accommodation and food service activities and trade; repair of motor vehicles. Thus, 80.9% of total wood coal consumed by private entrepreneurs in business activity were recorded in services related with sale of beverages and foods, 11.6% - trade; repair of motor vehicles.

According to the results of the survey 59.6% or 308.3 thsd. TOE (tons of oil equivalent) of energy products consumed by private entrepreneurs in business activity were per the share of natural gas, 18.5% or 95.4 thsd. TOE – electricity, 15.1% or 77.9 thsd. TOE – motor petrol, 5.9% or 30.4 thsd. TOE – diesel fuel, 0.5% or 2.4 thsd. TOE – liquid gas, 0.4% or 2.3 thsd. TOE – other energy products.

Generally, 48.0% of total energy consumption by private entrepreneurs for business purposes were recorded in industry, 24.2% - trade; repair of motor vehicles, 10.2% - accommodation and food service activities, 3.7% - agriculture, forestry and fishing, 3.4% - transportation and storage, 1.5% - construction and the rest 9.0% - other branches of economy.

During the survey year private entrepreneurs spent 166.8 mln. manats for their business activity. 21.0 mln. manats or 12.6% of expenses made energy costs, including 16.0 mln. manats or 9.6% - fuel costs, 5.0 mln. manats or 3.0% - electricity costs. Energy costs in the structure of total expenses were 17.9 % in transportation and storage, 15.8% - agriculture, forestry and fishing, 15.5% - accommodation and food service activities, 13.5% - information and communication, 9.1% - industry, 7.8% -

construction and 13.2% - other branches of economy. Most fuel costs were recorded in transportation and storage (17.5%), agriculture, forestry and fishing (13.0%), accommodation and food service activities (9.7%), information and communication (9.5%).

On the base of survey results it was defined that private entrepreneurs had at their disposal 3592.7 ha of land areas for realization of business activity. 3505.8 ha or 97.6% of total land area were at disposal of private entrepreneurs acting in agriculture, forestry and fishing, 42.7 ha or 1.2% - industry, 27.0 ha or 0.8% - transportation and storage.

During the survey the private entrepreneurs were asked whether breaks had occurred in electricity supply on their business activity during 2012. 65.7% of respondents indicated that there were no breaks, 30.8% - breaks were at average for an hour, 2.9% - between 2-4 hours, 0.6% - 5 hours and over. According to the survey results generally all respondents in Nakhchivan economic region indicated no breaks in electricity supply during the surveyed period; in Ganja-Gazakh economic region, Baku city, Yukhari Garabagh economic region, Aran economic region, Shaki-Zagatala economic region and Lenkoran economic region correspondingly 86.1%, 78.5%, 73.8%, 63.6%, 55.8% and 52.1% of respondents indicated no breaks. In Daghlig Shirvan economic region, Absheron economic region, Guba-Khachmaz economic region, Lenkoran economic region and Shaki-Zagatala economic region correspondingly 83.0%, 62.4%, 59.5%, 43.6%, 41.9% of respondents indicated breaks in electricity supply at average for an hour per day; in Aran economic region, Absheron and Lenkoran economic regions, Daghlig Shirvan economic region correspondingly 13.6%, 4.3%, 4.1% of respondents indicated breaks in electricity supply for more than 2 hours.

The survey results enabled to receive data on production and final consumption of types of energy by private entrepreneurs. The received data were first used on each type of energy for 2012 by country as well as for formation of total energy balance. In expenses column of Balance Transformation section the information on motor petrol and diesel fuel consumed by private entrepreneurs for electricity purposes were reflected. Private entrepreneurs consumed 8.2 ton of motor petrol and 33.1 ton of diesel fuel and correspondingly produced 150.9 thsd. kVt/hour and 134.2 thsd. kVt/hour of electricity.

Survey data on consumption of types of energy were reflected in the section of final consumption, including final consumption for energy purposes and final consumption for non-energy purposes. 273.9 mln. cubic meters (77.8%) of natural gas were consumed in industry and construction, including 216.0 mln. cubic meters (61.3%) – production of food products and tobacco, 70.5 mln. cubic meters (20%) – commercial and public services. Electricity was mainly consumed as final consumption in commercial and public services (935.6 mln. kVt/hour or 84.6% of total electricity), industry and construction (89.0 mln. kVt/hour or 8.0%), agriculture, forestry and fishing

(81.1 mln. kVt/hour or 7.3%). Heating energy was mainly consumed as final consumption in commercial and public services (6.9 mln. Q.kal or 97.1% of total heating energy). 79.9 thsd. ton or 99.3% of final consumption of motor petrol was in transportation; 25.6 thsd. ton or 85.9% of diesel fuel were consumed in transportation, 2.2 thsd. ton or 7.3% - agriculture, forestry and fishing, 1.4 thsd. ton or 4.7% - commercial and public services. The lubricants were used by private entrepreneurs as final consumption only for non-energy purposes.

More detailed information on the survey results are presented in Annexes.

Total number of private entrepreneurship (on register) subjects by branches of economy and number of sampled private entrepreneurs

Table 1

	Private entrepreneurs - total	Number of sampled private entrepreneurs	Share of sampled private entrepreneurs, %	Structure of sampled private entrepreneurs, %
Total	111256	16758	15,0	100
Agriculture, forestry and fishing	5332	1836	34,4	11,0
Mining	106	106	100,0	0,6
Manufacturing	3621	3207	88,6	19,1
Electricity, gas and steam production, distribution and supply	38	38	100,0	0,2
Water supply; waste treatment and disposal	29	29	100,0	0,2
Construction	1026	556	54,2	3,3
Trade: repair of transport means	61862	4278	6,9	25,5
Transportation and storage	4737	4643	98,0	27,7
Accommodation and food service activities	7469	485	6,5	2,9
Information and communication	1181	75	6,4	0,5
Other branches of economy	25855	1505	5,8	9,0

Total number of private entrepreneurship (on register) subjects by economic regions of the country and number of sampled private entrepreneurs

Table 2

	Private entrepreneurs - total	Number of sampled private entrepreneurs	Share of sampled private entrepreneurs, %	Structure of sampled private entrepreneurs, %
Total	111256	16758	15,0	100
Baku city	35469	5469	15,4	32,7
Absheron economic region	7811	1370	17,5	8,2
Ganja-Gazakh economic region	13835	2012	14,5	12,0
Sheki-Zaqatala economic region	8120	1309	16,1	7,8
Lankaran economic region	6900	936	13,6	5,6
Guba-Khachmaz economic region	6181	945	15,3	5,6
Aran economic region	22366	3199	14,3	19,1
Yukhari Garabagh economic region	2846	459	16,1	2,7
Kalbajar-Lachin economic region	602	148	24,6	0,9
Daglıg Shirvan economic region	3466	506	14,6	3,0
Nakhchyvan economic region	3660	405	11,1	2,4

Volume of natural gas and electric energy consumed for business purposes

Table 3

Types of economic activity	Natural gas, thsd. cubic m	Electric energy, thsd. kVt/hour
Total	352128,2	1105662,4
Agriculture, forestry and fishing	7740,3	81100,0
Mining	51,1	10700,0
Manufacturing	268355,5	69935,2
of which:		
Manufacturing of food products	211014,2	13022,7
Manufacturing of beverage	4986,2	540,3
Textile industry	5,4	1539,9
Manufacturing of wearing apparel	190,1	3906,9
Manufacturing of leather, leather products and woodwork	53,2	575,5
Other wood products excepted furniture, production of wood products and stopper plug	90,2	4200,0
Paper products	11,4	1197,6
Polygraphic activity and cycle style of recorded data to Carriet	64,6	857,2
Chemical industry	2530,4	600,1
Manufacture of rubber and plastics products	21880,5	2699,0
Other non metallic mineral products	25594,7	7800,0
Metallurgy industry	4,0	55,3
Production of finished metallic goods	1357,2	1089,3
Production of computers electronic and optical products	32,4	13,2
Manufacture of electrical equipment	1,5	104,6
Manufacture of machinery and equipment	3,0	181,0
Production of automobiles, trailers and semitrailers	0,4	630,0
Manufacture of furniture	108,3	1921,0
Production of other industry products	347,1	1638,0
Repair and installation of machinery and equipment	80,6	27363,6
Electricity, gas and steam production, distribution and supply	3,0	325,9
Water supply; waste treatment and disposal	64,3	320,8
Construction	5432,0	7700,0
Trade: repair of transport means	23645,0	595700,0
Transportation and storage	415,5	2775,4
Accommodation and food service activities	36696,1	67836,9
Information and communication	1318,9	7656,1
Other branches of economy	8406,6	261612,2

Volume of motor petrol consumed for business purposes

Table 4

Types of economic activity	Motor petrol, ton		including:		
	received	consumed	including:		
			motor vehicle	generators	other purposes
Total	75830,7	75457,1	74943,9	8,2	505,0
Agriculture, forestry and fishing	1474,7	1461,7	1449,7	-	12,0
Mining	44,2	43,7	43,7	-	-
Manufacturing	5728,1	5694,6	5552,1		142,5
of which:					
Manufacturing of food products	1249,3	1245,5	1221,7	-	23,8
Manufacturing of beverage	179,8	179,6	179,1	-	0,5
Textile industry	46,8	46,1	46,1	-	-
Manufacturing of wearing apparel	240,2	239,0	239,0	-	-
Manufacturing of leather, leather products and woodwork	74,2	74,2	65,3	-	8,9
Other wood products excepted furniture, production of wood products and stopper plug	197,8	196,9	196,3	-	0,6
Paper products	394,3	377,1	377,1	-	-
Polygraphic activity and cycle style of recorded data to carriers	382,1	381,3	300,0	-	81,3
Chemical industry	40,1	40,1	40,1	-	-
Manufacture of rubber and plastics products	436,7	432,9	427,5	-	5,4
Other non metallic mineral products	954,8	953,6	950,1	-	3,5
Metallurgy industry	13,8	13,8	13,8	-	-
Production of finished metallic goods	668,0	665,5	664,4	-	1,1
Production of computers electronic and optical products	2,0	2,0	2,0	-	-
Manufacture of electrical equipment	75,9	75,8	75,8	-	-
Manufacture of machinery and equipment	0,1	0,1	0,1	-	-
Production of automobiles, trailers and Semitrailers	9,4	9,4	9,4	-	-
Manufacture of furniture	281,0	281,0	281,0	-	-
Production of other industry products	427,6	426,6	412,4	-	14,2
Repair and installation of machinery and equipment	54,2	54,1	50,9	-	3,2
Electricity, gas and steam production, distribution and supply	21,2	20,9	20,9	-	-
Water supply; waste treatment and disposal	141,1	141,0	141,0	-	-
Construction	632,2	629,2	627,2	-	2,0
Trade: repair of transport means	37235,6	37039,3	36954,8	-	84,5
Transportation and storage	10876,2	10854,0	10776,0	-	78,0
Accommodation and food service activities	5980,5	5934,0	5922,6	-	11,4
Information and communication	1210,5	1203,5	1203,3	-	0,2
Other branches of economy	12486,4	12435,2	12252,6	8,2	174,4

Volume of diesel fuel consumed for business purposes

Table 5

Types of economic activity	Diesel fuel, ton		including:			
	received	consumed	motor vehicle	tractors	generators	for other purposes
Total	29974,4	29842,2	25614,0	3703,4	33,1	491,7
Agriculture, forestry and fishing	2630,3	2605,2	413,9	1930,6	4,7	256,0
Mining	323,7	323,7	88,3	235,4	-	-
Manufacturing	1934,6	1928,8	1586,5	188,6	9,7	144,1
of which:						
Manufacturing of food products	268,2	266,1	132,1	8,1	4,8	121,1
Manufacturing of beverage	14,1	14,0	9,0	-	0,1	4,9
Textile industry	1,3	1,3	1,3	-	-	-
Manufacturing of wearing apparel	10,2	10,2	10,0	0,2	-	-
Manufacturing of leather, leather products and woodwork	48,6	48,5	48,5	-	-	-
Other wood products excepted furniture, production of wood products and stopper plug	102,8	102,8	72,6	12,1	-	18,1
Paper products	6,4	6,4	6,4	-	-	-
Polygraphic activity and cycle style of recorded data to carriers	145,6	144,3	143,3	1,0	-	-
Chemical industry	143,6	143,6	143,6	-	-	-
Manufacture of rubber and plastics products	192,6	192,0	170,3	21,7	-	-
Other non metallic mineral products	485,4	484,3	345,9	133,6	4,8	-
Metallurgy industry	0,7	0,7	0,7	-	-	-
Production of finished metallic goods	57,3	57,0	55,4	1,6	-	-
Manufacture of electrical equipment	101,1	101,1	101,1	-	-	-
Manufacture of machinery and equipment	185,4	185,4	185,5	-	-	-
Manufacture of furniture	33,8	33,7	33,7	-	-	-
Production of other industry products	134,3	134,2	123,9	10,3	-	-
Repair and installation of machinery and equipment	3,2	3,2	3,2	-	-	-
Electricity, gas and steam production, distribution and supply	2,1	2,1	2,1	-	-	-
Water supply; waste treatment and disposal	13,4	13,3	13,3	-	-	-
Construction	1464,2	1462,9	1423,4	14,0	3,1	22,4
Trade: repair of transport means	11316,0	11232,6	10914,8	263,0	12,3	42,5
Transportation and storage	5235,5	5226,9	5226,9	-	-	-
Accommodation and food service activities	3906,2	3902,2	3900,9	1,0	-	0,2
Information and communication	471,1	469,9	469,9	-	-	-
Other branches of economy	2677,3	2674,6	1574,0	1070,8	3,3	26,5

Volume of liquid gas consumed for business purposes

Table 6

Types of economic activity	Liquid gas, ton		including:	
	received	consumed	motor vehicle	for business purposes
Total	2848,2	2113,3	366,2	1747,1
Agriculture, forestry and fishing	16,6	14,2	0,5	13,7
Manufacturing	51,1	50,6	10,6	40,0
of which:				
Manufacturing of food products	10,1	9,7	1,8	7,9
Manufacturing of beverage	1,2	1,1	-	1,1
Manufacturing of wearing apparel	0,0	0,0	-	0,0
Other wood products excepted furniture, production of wood products and stopper plug	0,2	0,2	-	0,2
Manufacture of rubber and plastics products	8,7	8,7	8,7	0,0
Other non metallic mineral products	0,1	0,1	-	0,1
Production of finished metallic goods	30,3	30,3	-	30,3
Production of automobiles, trailers and semitrailers	0,0	0,0	-	0,0
Manufacture of furniture	0,0	0,0	0,0	-
Production of other industry products	0,1	0,1	0,1	0,0
Repair and installation of machinery and equipment	0,4	0,4	-	0,4
Electricity, gas and steam production, distribution and supply	718,5	154,0	2,7	151,3
Construction	7,0	7,0	2,0	5,0
Trade: repair of transport means	460,1	417,1	306,8	110,3
Transportation and storage	50,7	41,3	41,3	0,0
Accommodation and food service activities	1476,7	1362,8	1,2	1361,6
Information and communication	3,2	2,6	-	2,6
Other branches of economy	64,3	63,7	1,1	62,6

Volume of lubricants and kerosene consumed for business purposes

Table 7

Types of economic activity	Lubricants, ton		Kerosene thsd. litre	
	received	consumed	received	consumed
Total	706,1	604,5	88,6	76,7
Agriculture, forestry and fishing	60,9	58,7	24,6	23,6
Mining	6,4	6,1	-	-
Manufacturing	40,5	38,2	3,3	3,2
of which:				
Manufacturing of food products	7,3	7,0	2,3	2,2
Manufacturing of beverage	1,3	1,3	-	-
Textile industry	0,0	0,0	-	-
Manufacturing of wearing apparel	1,0	1,0	-	-
Manufacturing of leather, leather products and woodwork	0,7	0,7	-	-
Other wood products excepted furniture, production of wood products and stopper plug	1,4	1,4	-	-
Paper products	4,7	3,5	-	-
Polygraphic activity and cycle style of recorded data to carriers	2,6	2,5	-	-
Chemical industry	0,3	0,3	-	-
Manufacture of basic pharmaceutical products	-	-	-	-
Manufacture of rubber and plastics products	4,3	3,9	0,4	0,4
Other non metallic mineral products	11,6	11,4	0,4	0,4
Metallurgy industry	0,0	0,0	-	-
Production of finished metallic goods	2,2	2,1	0,1	0,1
Production of computers electronic and optical products	0,0	0,0	-	-
Manufacture of electrical equipment	0,1	0,1	-	-
Manufacture of machinery and equipment	0,1	0,1	-	-
Production of automobiles, trailers and semitrailers	0,1	0,1	-	-
Manufacture of furniture	0,7	0,7	-	-
Production of other industry products	1,6	1,6	0,0	0,0
Repair and installation of machinery and equipment	0,4	0,4	0,0	0,0
Electricity, gas and steam production, distribution and supply	0,1	0,1	-	-
Water supply; waste treatment and disposal	1,1	1,1	-	-
Construction	21,2	20,7	0,8	0,8
Trade: repair of transport means	335,6	251,0	39,8	29,2
Transportation and storage	89,0	83,2	0,2	0,2
Accommodation and food service activities	60,5	57,7	13,0	13,0
Information and communication	9,1	8,6	2,9	2,7
Other branches of economy	81,7	79,1	4,0	4,0

Volume of heating energy and wood consumed for business purposes

Table 8

Types of economic activity	Heating energy, Q.cal		Wood, thsd. cubic m	
	received	consumed	received	consumed
Total	7165,4	7165,4	145,3	128,5
Agriculture, forestry and fishing	82,6	82,6	3,0	2,4
Manufacturing	49,0	49,0	21,9	17,5
of which:				
Manufacturing of food products	18,9	18,9	18,8	15,0
Manufacturing of beverage	-	-	0,2	0,2
Textile industry	-	-	0,0	0,0
Manufacturing of wearing apparel	24,1	24,1	0,0	0,0
Manufacturing of leather, leather products and woodwork	-	-	0,1	0,1
Other wood products excepted furniture, production of wood products and stopper plug	-	-	0,8	0,7
Manufacture of rubber and plastics products	6,0	6,0	0,8	0,7
Other non metallic mineral products	-	-	0,1	0,1
Production of finished metallic goods	-	-	0,9	0,5
Manufacture of furniture	-	-	0,0	0,0
Production of other industry products	-	-	0,0	0,0
Repair and installation of machinery and equipment	-	-	0,0	0,0
Construction	74,9	74,9	1,3	0,6
Trade: repair of transport means	2610,7	2610,7	34,1	23,2
Transportation and storage	77,0	77,0	0,2	0,2
Accommodation and food service activities	3691,1	3691,1	79,4	79,4
Information and communication	-	-	0,3	0,1
Other branches of economy	580,1	580,1	5,1	5,1

Volume of wood coal and other types of fuel consumed for business purposes
Table 9

Types of economic activity	Wood coal, ton		Other types of fuel, ton	
	received	consumed	received	consumed
Total	832,1	812,6	409,1	400,6
Agriculture, forestry and fishing	366,8	362,2	5,1	5,1
Manufacturing	15,7	14,6	1,0	1,0
of which:				
Manufacturing of food products	14,5	13,4	0,2	0,2
Manufacture of rubber and plastics products	1,1	1,1	0,8	0,8
Other non metallic mineral products	0,0	0,0	0,0	0,0
Production of finished metallic goods	0,0	0,0	0,0	0,0
Production of automobiles, trailers and semitrailers	0,0	0,0	0,0	0,0
Manufacture of furniture	0,0	0,0	0,0	0,0
Construction	0,6	0,6	-	-
Trade: repair of transport means	50,6	47,2	47,3	44,6
Transportation and storage	0,1	0,1	0,1	0,1
Accommodation and food service activities	364,8	356,7	330,8	325,6
Information and communication	4,7	3,9	-	-
Other branches of economy	28,8	27,3	24,8	24,2

Distribution of volume of natural gas and electric energy consumed for business purposes by types of economic activity, %

Table 10

Types of economic activity	Natural gas		Electric energy	
	consumed, thsd. cubic m.	share in total number	consumed, thsd. kVt/hour	share in total number
Total	352128,2	100,0	1105662,4	100,0
Agriculture, forestry and fishing	7740,3	2,2	81100,0	7,3
Mining	51,1	0,0	10700,0	1,0
Manufacturing	268355,5	76,2	69935,2	6,3
of which:				
Manufacturing of food products	211014,2	59,9	13022,7	1,2
Manufacturing of beverage	4986,2	1,4	540,3	0,0
Textile industry	5,4	0,0	1539,9	0,1
Manufacturing of wearing apparel	190,1	0,1	3906,9	0,4
Manufacturing of leather, leather products and woodwork	53,2	0,0	575,5	0,1
Other wood products excepted furniture, production of wood products and stopper plug	90,2	0,0	4200,0	0,4
Paper products	11,4	0,0	1197,6	0,1
Polygraphic activity and cycle style of recorded data to carriers	64,6	0,0	857,2	0,1
Chemical industry	2530,4	0,7	600,1	0,1
Manufacture of rubber and plastics products	21880,5	6,2	2699,0	0,2
Other non metallic mineral products	25594,7	7,3	7800,0	0,7
Metallurgy industry	4,0	0,0	55,3	0,0
Production of finished metallic goods	1357,2	0,4	1089,3	0,1
Production of computers electronic and optical Products	32,4	0,0	13,2	0,0
Manufacture of electrical equipment	1,5	0,0	104,6	0,0
Manufacture of machinery and equipment	3,0	0,0	181,0	0,0
Production of automobiles, trailers and semitrailers	0,4	0,0	630,0	0,1
Manufacture of furniture	108,3	0,0	1921,0	0,2
Production of other industry products	347,1	0,1	1638,0	0,1
Repair and installation of machinery and equipment	80,6	0,0	27363,6	2,5
Electricity, gas and steam production, distribution and supply	3,0	0,0	325,9	0,0
Water supply; waste treatment and disposal	64,3	0,0	320,8	0,0
Construction	5432,0	1,5	7700,0	0,7
Trade: repair of transport means	23645,0	6,7	595700,0	53,9
Transportation and storage	415,5	0,1	2775,4	0,3
Accommodation and food service activities	36696,1	10,4	67836,9	6,1
Information and communication	1318,9	0,4	7656,1	0,7
Other branches of economy	8406,6	2,4	261612,2	23,7

**Distribution of volume of motor petrol and diesel fuel consumed for business purposes
by types of economic activity, %**

Table 11

Types of economic activity	Motor petrol		Diesel fuel	
	consumed, ton	Share in total number, %	consumed, ton	Share in total number, %
Total	75457,1	100,0	29842,2	100,0
Agriculture, forestry and fishing	1461,7	1,9	2605,2	8,7
Mining	43,7	0,1	323,7	1,1
Manufacturing	5694,6	7,5	1928,8	6,4
of which:				
Manufacturing of food products	1245,5	1,7	266,1	0,9
Manufacturing of beverage	179,6	0,2	14,0	0,1
Textile industry	46,1	0,1	1,3	0,0
Manufacturing of wearing apparel	239,0	0,3	10,2	0,0
Manufacturing of leather, leather products and woodwork	74,2	0,1	48,5	0,2
Other wood products excepted furniture, production of wood products and stopper plug	196,9	0,3	102,8	0,3
Paper products	377,1	0,5	6,4	0,0
Polygraphic activity and cycle style of recorded data to carriers	381,3	0,5	144,3	0,5
Chemical industry	40,1	0,1	143,6	0,5
Manufacture of rubber and plastics products	432,9	0,6	192,0	0,6
Other non metallic mineral products	953,6	1,3	484,3	1,6
Metallurgy industry	13,8	0,0	0,7	0,0
Production of finished metallic goods	665,5	0,9	57,0	0,2
Production of computers electronic and optical products	2,0	0,0	-	-
Manufacture of electrical equipment	75,8	0,1	101,1	0,3
Manufacture of machinery and equipment	0,1	0,0	185,4	0,6
Production of automobiles, trailers and semitrailers	9,4	0,0	-	-
Manufacture of furniture	281,0	0,4	33,7	0,1
Production of other industry products	426,6	0,6	134,2	0,5
Repair and installation of machinery and equipment	54,1	0,1	3,2	0,0
Electricity, gas and steam production, distribution and supply	20,9	0,0	2,1	0,1
Water supply; waste treatment and disposal	141,0	0,2	13,3	0,0
Construction	629,2	0,8	1462,9	4,9
Trade: repair of transport means	37039,3	49,1	11232,6	37,6
Transportation and storage	10854,0	14,4	5226,9	17,5
Accommodation and food service activities	5934,0	7,9	3902,2	13,1
Information and communication	1203,5	1,6	469,9	1,6
Other branches of economy	12435,2	16,5	2674,6	9,0

**Distribution of volume of liquid gas and lubricants consumed for business purposes
by types of economic activity, %**

Table 12

Types of economic activity	Liquid gas		Lubricants	
	consumed, ton	share in total number	consumed, ton	share in total number
Total	2113,3	100,0	604,5	100,0
Agriculture, forestry and fishing	14,2	0,7	58,7	9,7
Mining	-	-	6,1	1,0
Manufacturing	50,6	2,3	38,2	6,3
of which:				
Manufacturing of food products	9,7	0,5	7,0	1,2
Manufacturing of beverage	1,1	0,1	1,3	0,2
Textile industry	-	-	0,0	0,0
Manufacturing of wearing apparel	-	-	1,0	0,2
Manufacturing of leather, leather products and woodwork	-	-	0,7	0,1
Other wood products excepted furniture, production of wood products and stopper plug	0,2	0,0	1,4	0,2
Paper products	-	-	3,5	0,6
Polygraphic activity and cycle style of recorded data to carriers	-	-	2,5	0,4
Chemical industry	-	-	0,3	0,1
Manufacture of rubber and plastics products	8,7	0,4	3,9	0,7
Other non metallic mineral products	0,1	0,0	11,4	1,9
Metallurgy industry	0,0	-	0,0	-
Production of finished metallic goods	30,3	1,4	2,1	0,3
Production of computers electronic and optical products	-	-	0,0	0,0
Manufacture of electrical equipment	-	-	0,1	0,0
Manufacture of machinery and equipment	-	-	0,1	0,0
Production of automobiles, trailers and semitrailers	-	-	0,1	0,0
Manufacture of furniture	0,0	0,0	0,7	0,1
Production of other industry products	0,1	0,0	1,6	0,3
Repair and installation of machinery and equipment	0,4	0,0	0,4	0,1
Electricity, gas and steam production, distribution and supply	154,0	7,3	0,1	0,0
Water supply; waste treatment and disposal	-	-	1,1	0,2
Construction	7,0	0,3	20,7	3,4
Trade: repair of transport means	417,1	19,8	251,0	41,6
Transportation and storage	41,3	2,0	83,2	13,8
Accommodation and food service activities	1362,8	64,5	57,7	9,6
Information and communication	2,6	0,1	8,6	1,4
Other branches of economy	63,7	3,0	79,1	13,1

Distribution of volume of kerosene and heating energy consumed for business purposes by types of economic activity, %

Table 13

Types of economic activity	Kerosene		Heating energy	
	consumed, thsd. litre	share in total number	consumed, Q.cal	share in total number
Total	76,7	100,0	7165,4	100,0
Agriculture, forestry and fishing	23,6	30,8	82,6	1,2
Manufacturing	3,2	4,1	49,0	0,7
of which:				
Manufacturing of food products	2,2	2,9	18,9	0,3
Manufacturing of wearing apparel	-	-	24,1	0,3
Manufacture of rubber and plastics products	0,4	0,5	6,0	0,1
Other non metallic mineral products	0,4	0,5	-	-
Production of finished metallic goods	0,1	0,1	-	-
Production of other industry products	0,0	0,0	-	-
Repair and installation of machinery and equipment	0,0	0,0	-	-
Construction	0,8	1,0	74,9	1,0
Trade: repair of transport means	29,2	38,2	2610,7	36,4
Transportation and storage	0,2	0,2	77,0	1,1
Accommodation and food service activities	13,0	17,0	3691,1	51,5
Information and communication	2,7	3,5	-	-
Other branches of economy	4,0	5,2	580,1	8,1

**Distribution of volume of wood and wood coal consumed for business purposes
by types of economic activity, %**

Table 14

Types of economic activity	Wood		Wood coal	
	consumed, thsd. cubic m	share in total number	consumed, ton	share in total number
Total	128,5	100,0	400,6	100,0
Agriculture, forestry and fishing	2,4	1,9	5,1	1,2
Manufacturing	17,5	13,6	1,0	0,2
of which:				
Manufacturing of food products	15,0	11,7	0,2	0,0
Manufacturing of beverage	0,2	0,2	-	-
Textile industry	0,0	0,0	-	-
Manufacturing of wearing apparel	0,0	0,0	-	-
Manufacturing of leather, leather products and woodwork	0,1	0,1	-	-
Other wood products excepted furniture, production of wood products and stopper plug	0,7	0,5	-	-
Manufacture of rubber and plastics products	0,7	0,5	0,8	0,2
Other non metallic mineral products	0,1	0,1	-	-
Production of finished metallic goods	0,5	0,4	-	-
Manufacture of furniture	0,0	0,0	-	-
Production of other industry products	0,0	0,0	-	-
Repair and installation of machinery and equipment	0,0	0,0	-	-
Construction	0,6	0,5	-	-
Trade: repair of transport means	23,2	18,0	44,6	11,6
Transportation and storage	0,2	0,1	0,1	0,0
Accommodation and food service activities	79,4	61,8	325,6	80,9
Information and communication	0,1	0,1	-	-
Other branches of economy	5,1	4,0	24,2	6,1

Distribution of volume of other types of fuel consumed for business purposes by types of economic activity, %

Table 15

Types of economic activity	Other types of fuel	
	consumed, ton	share in total number
Total	812,6	100,0
Agriculture, forestry and fishing	362,2	44,6
Manufacturing	14,6	1,8
of which:		
Manufacturing of food products	13,4	1,6
Manufacture of rubber and plastics products	1,1	0,1
Other non metallic mineral products	0,0	0,0
Production of finished metallic goods	0,0	0,0
Manufacture of furniture	0,0	0,0
Construction	0,6	0,1
Trade: repair of transport means	47,2	5,8
Transportation and storage	0,1	0,0
Accommodation and food service activities	356,7	43,9
Information and communication	3,9	0,5
Other branches of economy	27,3	3,4

Consumption of motor petrol for purposes by types of economic activity, %

Table 16

Types of economic activity	Total consumed, ton	including:		
		motor vehicle	generators	other purposes
Total	75457,1	99,3	0,01	0,7
Agriculture, forestry and fishing	1461,7	99,2	-	0,8
Mining	43,7	100,0	-	-
Manufacturing	5694,6	97,5	-	2,5
of which:				
Manufacturing of food products	1245,5	98,1	-	1,9
Manufacturing of beverage	179,6	99,8	-	0,2
Textile industry	46,1	100,0	-	-
Manufacturing of wearing apparel	239,0	100,0	-	-
Manufacturing of leather, leather products and woodwork	74,2	88,1	-	11,9
Other wood products excepted furniture, production of wood products and stopper plug	196,9	99,7	-	0,3
Paper products	377,1	100,0	-	-
Polygraphic activity and cycle style of recorded data to carriers	381,3	78,7	-	21,3
Chemical industry	40,1	100,0	-	-
Manufacture of rubber and plastics products	432,9	98,7	-	1,3
Other non metallic mineral products	953,6	99,6	-	0,4
Metallurgy industry	13,8	100,0	-	-
Production of finished metallic goods	665,5	99,8	-	0,2
Production of computers electronic and optical products	2,0	100,0	-	-
Manufacture of electrical equipment	75,8	100,0	-	-
Manufacture of machinery and equipment	0,1	100,0	-	-
Production of automobiles, trailers and semitrailers	9,4	100,0	-	-
Manufacture of furniture	281,0	100,0	-	-
Production of other industry products	426,6	96,7	-	3,3
Repair and installation of machinery and equipment	54,1	94,1	-	5,9
Electricity, gas and steam production, distribution and supply	20,9	100,0	-	-
Water supply; waste treatment and disposal	141,0	100,0	-	-
Construction	629,2	99,7	-	0,3
Trade: repair of transport means	37039,3	99,8	-	0,2
Transportation and storage	10854,0	99,3	-	0,7
Accommodation and food service activities	5934,0	99,8	-	0,2
Information and communication	1203,5	100,0	-	0,0
Other branches of economy	12435,2	98,7	0,0	1,3

Consumption of diesel fuel for purposes by types of economic activity, %

Table 17

Types of economic activity	Total consumed, ton	including:			
		motor vehicle	tractors	generators	for other purposes
Total	29842,2	85,8	12,4	0,1	1,6
Agriculture, forestry and fishing	2605,2	15,9	74,1	0,2	9,8
Mining	323,7	27,3	72,7	-	-
Manufacturing	1928,8	82,2	9,8	0,5	7,5
of which:					
Manufacturing of food products	266,1	49,6	3,0	1,8	45,5
Manufacturing of beverage	14,0	64,4	-	0,7	34,9
Textile industry	1,3	100,0	-	-	-
Manufacturing of wearing apparel	10,2	98,0	2,0	-	-
Manufacturing of leather, leather products and woodwork	48,5	100,0	-	-	-
Other wood products excepted furniture, production of wood products and stopper plug	102,8	70,6	11,7	-	17,6
Paper products	6,4	100,0	-	-	-
Polygraphic activity and cycle style of recorded data to carriers	144,3	99,3	0,7	-	-
Chemical industry	143,6	100,0	-	-	-
Manufacture of rubber and plastics products	192,0	88,7	11,3	-	-
Other non metallic mineral products	484,3	71,4	27,6	1,0	-
Metallurgy industry	0,7	100,0	-	-	-
Production of finished metallic goods	57,0	97,3	2,7	-	-
Manufacture of electrical equipment	101,1	100,0	-	-	-
Manufacture of machinery and equipment	185,4	100,0	-	-	-
Manufacture of furniture	33,7	100,0	-	-	-
Production of other industry products	134,2	92,3	7,7	-	-
Repair and installation of machinery and equipment	3,2	100,0	-	-	-
Electricity, gas and steam production, distribution and supply	2,1	100,0	-	-	-
Water supply; waste treatment and disposal	13,3	100,0	-	-	-
Construction	1462,9	97,3	1,0	0,2	1,5
Trade: repair of transport means	11232,6	97,2	2,3	0,1	0,4
Transportation and storage	5226,9	100,0	-	-	-
Accommodation and food service activities	3902,2	100,0	-	-	-
Information and communication	469,9	100,0	-	-	-
Other branches of economy	2674,6	58,8	40,1	0,1	1,0

Consumption of liquid gas for purposes by types of economic activity, %

Table 18

Types of economic activity	Total consumed, ton	including:	
		motor vehicle	for household purposes
Total	2113,3	17,3	82,7
Agriculture, forestry and fishing	14,2	3,5	96,5
Manufacturing	50,6	21,1	78,9
of which:			
Manufacturing of food products	9,7	19,0	81,0
Manufacturing of beverage	1,1	-	100,0
Manufacturing of wearing apparel	0,0	100,0	-
Other wood products excepted furniture, production of wood products and stopper plug	0,2	-	100,0
Manufacture of rubber and plastics products	8,7	99,8	0,2
Other non metallic mineral products	0,1	-	100,0
Production of finished metallic goods	30,3	-	100,0
Manufacture of furniture	0,0	100,0	-
Production of other industry products	0,1	92,3	7,7
Repair and installation of machinery and equipment	0,4	-	100,0
Electricity, gas and steam production, distribution and supply	154,0	1,7	98,3
Construction	7,0	28,1	71,9
Trade: repair of transport means	417,1	73,6	26,4
Transportation and storage	41,3	100,0	-
Accommodation and food service activities	1362,8	0,1	99,9
Information and communication	2,6	0,0	100,0
Other branches of economy	63,7	-	100,0

Share of energy carriers consumed for business purposes in fuel costs of private entrepreneurs, %

Table 19

Types of economic activity	Share in fuel costs, %					
	motor petrol	diesel fuel	liquid gas	natural gas	lubricants	other fuel expenses
Total	18,5	7,2	0,6	73,3	0,1	0,2
Agriculture, forestry and fishing	12,8	22,6	0,2	61,5	0,5	2,4
Mining	10,5	77,0	-	11,1	1,4	-
Manufacturing	2,5	0,8	0,0	96,7	0,0	0,0
of which:						
Manufacturing of food products	0,6	0,1	0,0	99,2	0,0	0,0
Manufacturing of beverage	3,8	0,3	0,0	95,9	0,0	0,0
Textile industry	88,0	2,6	-	9,3	0,0	0,0
Manufacturing of wearing apparel	56,6	2,4	0,0	40,7	0,2	0,0
Manufacturing of leather, leather products and woodwork	43,4	28,0	-	28,2	0,4	0,0
Other wood products excepted furniture, production of wood products and stopper plug	51,6	26,6	0,1	21,4	0,3	0,0
Paper products	95,0	1,6	-	2,6	0,8	-
Polygraphic activity and cycle style of recorded data to carriers	65,2	24,4	-	10,0	0,4	-
Chemical industry	1,6	5,7		92,6	0,0	
Manufacture of rubber and plastics products	52,8	23,1	1,2	22,2	0,4	0,2
Other non metallic mineral products	3,9	1,9	0,0	94,1	0,0	0,0
Metallurgy industry	76,4	3,7	-	19,7	0,1	-
Production of finished metallic goods	33,5	2,8	1,7	61,8	0,1	0,0
Production of computers electronic and optical products	6,4	-	-	93,6	0,0	-
Manufacture of electrical equipment	42,8	56,4		0,8	0,0	
Manufacture of machinery and equipment	0,1	98,5	-	1,5	0,0	-
Production of automobiles, trailers and Semitrailers	95,3	-	-	4,1	0,6	0,0
Manufacture of furniture	68,1	8,0	0,0	23,7	0,2	0,0
Production of other industry products	48,8	15,1	0,0	35,9	0,2	0,1
Repair and installation of machinery and equipment	41,3	2,4	0,3	55,6	0,3	0,0
Electricity, gas and steam production, distribution and supply	10,7	1,1	86,8	1,4	0,1	-
Water supply; waste treatment and disposal	66,1	6,2	-	27,3	0,5	-
Construction	9,0	20,6	0,1	70,0	0,3	0,0
Trade: repair of transport means	52,7	15,8	0,7	30,4	0,3	0,1
Transportation and storage	65,6	31,2	0,3	2,3	0,5	0,2
Accommodation and food service activities	13,2	8,6	3,3	73,7	0,1	1,1
Information and communication	41,7	16,1	0,1	41,3	0,3	0,5
Other branches of economy	54,4	11,6	0,3	33,3	0,3	0,2

Share of energy carriers consumed for business purposes in fuel costs of private entrepreneurs, %

Table 20

Types of economic activity	Share in energy costs, %					
	Motor petrol	diesel fuel	liquid gas	natural gas	lubricants	electric energy
A	1	2	3	4	5	6
Total	15,1	5,9	0,5	59,7	0,1	18,5
Agriculture, forestry and fishing	8,1	14,2	0,1	38,6	0,3	37,2
Mining	3,3	24,5	-	3,5	0,4	68,2
Manufacturing	2,4	0,8	0,0	94,2	0,0	2,6
of which:						
Manufacturing of food products	0,6	0,1	0,0	98,6	0,0	0,6
Manufacturing of beverage	3,8	0,3	0,0	95,0	0,0	0,9
Textile industry	25,5	0,8	-	2,7	0,0	71,0
Manufacturing of wearing apparel	31,9	1,3	0,0	22,9	0,1	43,4
Manufacturing of leather, leather products and woodwork	33,9	21,9	-	22,0	0,3	21,9
Other wood products excepted furniture, production of wood products and stopper plug	26,9	13,9	0,0	11,1	0,2	47,8
Paper products	75,9	1,3	-	2,1	0,7	20,1
Polygraphic activity and cycle style of recorded data to carriers	58,1	21,7	-	8,9	0,3	10,9
Chemical industry	1,6	5,6	-	90,8	0,0	2,0
Manufacture of rubber and plastics products	31,9	14,0	0,7	13,4	0,3	39,6
Other non metallic mineral products	3,8	1,9	0,0	91,7	0,0	2,6
Metallurgy industry	60,8	3,0	-	15,9	0,1	20,2
Production of finished metallic goods	32,1	2,7	1,6	59,1	0,1	4,4
Production of computers electronic and optical products	6,2	-	-	90,4	0,0	3,4
Manufacture of electrical equipment	40,8	53,7	-	0,7	0,0	4,7
Manufacture of machinery and equipment	0,0	91,1	-	1,3	0,0	7,5
Production of automobiles, trailers and semitrailers	15,1	0,0	-	0,6	0,1	84,2
Manufacture of furniture	49,0	5,8	0,0	17,1	0,1	27,9
Production of other industry products	42,2	13,1	0,0	31,0	0,2	13,5
Repair and installation of machinery and equipment	2,2	0,1	0,0	-	0,0	-
Electricity, gas and steam production, distribution and supply	9,4	0,9	76,1	1,2	0,1	12,2
Water supply; waste treatment and disposal	58,7	5,5	-	24,2	0,4	11,1
Construction	8,2	18,9	0,1	64,1	0,3	8,4
Trade: repair of transport means	30,8	9,2	0,4	17,8	0,2	41,3
Transportation and storage	64,7	30,8	0,3	2,2	0,5	1,4
Accommodation and food service activities	11,6	7,6	2,9	65,0	0,1	11,1
Information and communication	34,1	13,2	0,1	33,8	0,2	18,1
Other branches of economy	27,8	5,9	0,2	17,0	0,2	48,8

continuation

Types of economic activity	Share in energy costs, %				
	kerosene	heating	wood	other fuel expenses	wood coal
A	7	8	9	10	11
Total	0,0	0,1	0,0	0,1	0,1
Agriculture, forestry and fishing	0,1	0,0	0,0	1,4	0,0
Mining					
Manufacturing	0,0	0,0	0,0	0,0	0,0
of which:					
Manufacturing of food products	-	0,0	0,0	0,0	0,0
Manufacturing of beverage	-	-	0,0	-	-
Textile industry	-	-	0,0	-	-
Manufacturing of wearing apparel	-	0,3	0,0	-	-
Manufacturing of leather, leather products and woodwork	-	-	-	-	-
Other wood products excepted furniture, production of wood products and stopper plug	-	-	0,0	-	-
Paper products	-	-	-	-	-
Polygraphic activity and cycle style of recorded data to carriers	-	-	-	-	-
Chemical industry	-	-	-	-	-
Manufacture of rubber and plastics products	0,0	0,0	0,0	0,1	0,0
Other non metallic mineral products	0,0	-	-	0,0	0,0
Metallurgy industry	-	-	-	-	-
Production of finished metallic goods	0,0	-	0,0	0,0	-
Production of computers electronic and optical products	-	-	-	-	-
Manufacture of electrical equipment	-	-	-	-	-
Manufacture of machinery and equipment	-	-	-	-	-
Production of automobiles, trailers and semitrailers	-	-	-	0,0	0,0
Manufacture of furniture	-	-	0,0	0,0	0,0
Production of other industry products	0,0	-	0,0	-	-
Repair and installation of machinery and equipment	0,0	-	0,0	-	-
Electricity, gas and steam production, distribution and supply	-	-	-	-	-
Water supply; waste treatment and disposal	-	-	-	-	-
Construction	0,0	0,1	0,0	0,0	-
Trade: repair of transport means	0,0	0,2	0,0	0,0	0,0
Transportation and storage	0,2	0,0	0,0	0,0	0,0
Accommodation and food service activities	0,0	0,7	0,0	0,5	0,4
Information and communication	0,4	-	-	0,1	-
Other branches of economy	0,0	0,1	0,0	0,0	0,0

**Production of electric energy by private entrepreneur, thsd.
kVt/hour**

Table 21

Types of economic activity	Produced electric energy - total	Electric energy produced by generators	including:		By means of alternative sources of energy (sun, wind and etc.)
			motor petrol generators	diesel fuel generators	
Total	285,5	285,1	150,9	134,2	0,4
Agriculture, forestry and fishing	20,6	20,5	17,5	3,0	0,1
Mining	17,5	17,5	10,6	6,9	-
Manufacturing	85,4	85,4	38,8	46,6	-
of which:					
Manufacturing of food Products	26,7	26,7	2,0	24,7	-
Manufacturing of beverage	2,7	2,7	-	2,7	-
Other wood products excepted furniture, production of wood products and stopper plug	6,8	6,8	6,8	-	-
Manufacture of rubber and plastics products	10,8	10,8	10,8	-	-
Other non metallic mineral products	26,3	26,3	18,9	7,4	-
Production of finished metallic goods	6,7	6,7	0,1	6,6	-
Manufacture of furniture	5,4	5,4	0,2	5,2	-
Electricity, gas and steam production, distribution and supply	0,2	0,2	0,2	-	-
Construction	31,8	31,7	18,1	13,6	0,1
Trade: repair of transport means	66,2	66,0	45,4	20,6	0,2
Transportation and storage	4,0	4,0	1,8	2,2	-
Accommodation and food service activities	26,8	26,8	6,4	20,4	-
Information and communication	0,2	0,2	0,2	-	-
Other branches of economy	32,8	32,8	11,9	20,9	-

Breaks in electricity supply for private entrepreneurs, at average per day

Table 22

Economic regions	No break	0-1 hour	2-4 hours	5 hours and over
Total	7842	3670	348	72
Baku economic region	2862	720	26	39
Absheron economic region	294	552	33	5
Ganja-Gazakh economic region	1414	217	10	2
Shaki-Zagatala economic region	532	400	21	1
Lankaran economic region	380	318	28	3
Guba-Khachmaz economic region	256	390	10	-
Aran economic region	1470	626	195	22
Yukhari Garabagh economic region	206	68	5	-
Kalbajar-Lachin economic region	78	14	2	-
Daghlig Shirvan economic region	54	365	18	-
Nakhchivan economic region	296	-	-	-

Breaks in electricity supply for private entrepreneurs, %

Table 23

Economic regions	No break	0-1 hour	2-4 hours	5 hours and over
Total	65,7	30,8	2,9	0,6
Baku economic region	78,5	19,7	0,7	1,07
Absheron economic region	33,3	62,4	3,73	0,57
Ganja-Gazakh economic region	86,1	13,2	0,61	0,12
Shaki-Zagatala economic region	55,8	41,9	2,20	0,10
Lankaran economic region	52,1	43,6	3,84	0,41
Guba-Khachmaz economic region	39,0	59,5	1,52	-
Aran economic region	63,6	27,1	8,43	0,95
Yukhari Garabagh economic region	73,8	24,4	1,79	-
Kalbajar-Lachin economic region	83,0	14,9	2,13	-
Daghlig Shirvan economic region	12,4	83,5	4,12	-
Nakhchivan economic region	100,0	-	-	-

Distribution of expenses of private entrepreneurs for business purposes, %

Table 24

Types of economic activity	Expenses of private entrepreneurs	of which: energy costs	from energy costs		
			fuel costs	electricity costs	heating costs
Total	100	12,6	9,6	3,0	0,01
Agriculture, forestry and fishing	100	15,8	13,0	2,7	0,07
Mining	100	28,0	15,6	12,4	-
Manufacturing	100	8,6	5,1	3,5	0,01
of which:					
Manufacturing of food products	100	14,9	10,4	4,5	-
Manufacturing of beverage	100	9,5	2,4	7,1	-
Textile industry	100	11,4	4,9	6,5	0,01
Manufacturing of wearing apparel	100	10,3	6,8	3,5	-
Manufacturing of leather, leather products and woodwork	100	8,6	3,6	5,0	-
Other wood products excepted furniture, production of wood products and stopper plug	100	15,2	10,0	5,2	-
Paper products	100	14,7	7,3	7,3	0,1
Polygraphic activity and cycle style of recorded data to carriers	100	12,3	9,3	3,0	-
Chemical industry	100	10,1	4,5	5,6	-
Manufacture of rubber and plastics products	100	10,5	5,1	5,4	0,00
Other non metallic mineral products	100	11,2	5,2	6,0	0,01
Metallurgy industry	100	15,3	8,1	7,2	-
Production of finished metallic goods	100	11,7	6,9	4,8	-
Production of computers electronic and optical products	100	12,4	9,1	3,3	-
Manufacture of electrical equipment	100	10,8	5,9	4,9	-
Manufacture of machinery and equipment	100	25,3	12,8	12,5	-
Production of automobiles, trailers and semitrailers	100	13,0	9,3	3,7	-
Manufacture of furniture	100	10,1	4,1	6,0	-
Production of other industry products	100	14,3	8,1	6,2	-
Repair and installation of machinery and equipment	100	11,7	6,7	5,0	-
Electricity, gas and steam production, distribution and supply	100	13,3	8,5	4,8	-
Water supply; waste treatment and disposal	100	11,3	9,0	2,3	-
Construction	100	7,8	4,8	3,0	0,01
Trade: repair of transport means	100	10,0	5,3	4,7	0,02
Transportation and storage	100	18,0	17,6	0,4	0,00
Accommodation and food service activities	100	15,5	9,7	5,8	0,02
Information and communication	100	13,5	9,5	4,0	-
Other branches of economy	100	13,2	7,0	6,2	0,02

Number of employees working for private entrepreneurs by types of economic activity, person

Table 25

Types of economic activity	Number of employees	Share in total number, %
Cəmi	18439	100
Agriculture, forestry and fishing	1299	7,0
Mining	253	1,4
Manufacturing	6186	33,5
of which:		
Manufacturing of food products	2432	13,2
Manufacturing of beverage	165	0,9
Textile industry	38	0,2
Manufacturing of wearing apparel	324	1,8
Manufacturing of leather, leather products and woodwork	68	0,4
Other wood products excepted furniture, production of wood products and stopper plug	276	1,5
Paper products	19	0,1
Polygraphic activity and cycle style of recorded data to carriers	118	0,6
Chemical industry	36	0,2
Manufacture of rubber and plastics products	692	3,8
Other non metallic mineral products	608	3,3
Metallurgy industry	11	0,1
Production of finished metallic goods	366	2,0
Production of computers electronic and optical products	5	0,0
Manufacture of electrical equipment	26	0,1
Manufacture of machinery and equipment	20	0,1
Production of automobiles, trailers and semitrailers	19	0,1
Manufacture of furniture	377	2,0
Production of other industry products	430	2,3
Repair and installation of machinery and equipment	156	0,8
Electricity, gas and steam production, distribution and supply	50	0,3
Water supply; waste treatment and disposal	76	0,4
Construction	1130	6,1
Trade: repair of transport means	4202	22,8
Transportation and storage	2067	11,2
Accommodation and food service activities	1000	5,4
Information and communication	81	0,4
Other branches of economy	2095	11,4

Number of employees working for private entrepreneurs by economic regions, person

Table 26

Economic regions	Number of employees	Share in total number, %
Cəmi	18439	100
Baku economic region	7660	41,5
Absheron economic region	1504	8,2
Ganja-Gazakh economic region	1819	9,9
Sheki-Zaqatala economic region	1142	6,2
Lankaran economic region	648	3,5
Guba-Khachmaz economic region	540	2,9
Aran economic region	2288	12,4
Yukhari Garabagh economic region	291	1,6
Kalbajar-Lachin economic region	56	0,3
Daglıg Shirvan economic region	162	0,9
Nakhchyvan economic region	2329	12,6

**Land area used by private entrepreneurs for business purposes, thsd.
sq.m**

Table 27

Types of economic activity	Land area	Share in total number, %
Cămi	35926,5	100,0
Agriculture, forestry and fishing	35057,9	97,58
Mining	74,2	0,21
Manufacturing	351	0,98
of which:	-	-
Manufacturing of food products	226,3	0,63
Manufacturing of beverage	35,3	0,10
Textile industry	0,3	0,001
Manufacturing of wearing apparel	0,6	0,002
Manufacturing of leather, leather products and woodwork	0,2	0,001
Other wood products excepted furniture, production of wood products and stopper plug	6,1	0,02
Paper products	0,2	0,00
Polygraphic activity and cycle style of recorded data to carriers	0,4	0,001
Chemical industry	0,3	0,001
Manufacture of rubber and plastics products	17,5	0,05
Other non metallic mineral products	18,4	0,05
Metallurgy industry	0,2	0,001
Production of finished metallic goods	40	0,11
Production of computers electronic and optical products	-	-
Manufacture of electrical equipment	0,1	0,0003
Manufacture of machinery and equipment	-	-
Production of automobiles, trailers and semitrailers	-	-
Manufacture of furniture	2,6	0,01
Production of other industry products	1,8	0,01
Repair and installation of machinery and equipment	0,7	0,002
Electricity, gas and steam production, distribution and supply	1,8	0,01
Water supply; waste treatment and disposal	0,2	0,00
Construction	7,4	0,02
Trade: repair of transport means	88,2	0,25
Transportation and storage	269,9	0,75
Accommodation and food service activities	8,2	0,02
Information and communication	0,2	0,00
Other branches of economy	67,5	0,19

Constructed area used by private entrepreneurs for business purposes

Table 28

Types of economic activity	Constructed area, thsd. sq.m	of which:	
		Share of heated area, %	Share of cooled area, %
Cəmi	639,6	31,70	19,5
Agriculture, forestry and fishing	164,9	4,50	0,9
Mining	10	0,70	0,1
Manufacturing	196,7	8,0	4,4
of which:			
Manufacturing of food products	69,3	2,9	1,7
Manufacturing of beverage	7	0,1	0,1
Textile industry	0,7	0,1	0,0
Manufacturing of wearing apparel	6,6	0,5	0,3
Manufacturing of leather, leather products and woodwork	1	0,1	0,1
Other wood products excepted furniture, production of wood products and stopper plug	11	0,3	0,2
Paper products	0,5	0,1	0,0
Polygraphic activity and cycle style of recorded data to carriers	2,6	0,2	0,1
Chemical industry	0,7	0,0	0,0
Manufacture of rubber and plastics products	21,9	1,1	0,4
Other non metallic mineral products	35,6	0,7	0,4
Metallurgy industry	0,4	0,0	-
Production of finished metallic goods	13,3	0,6	0,3
Production of computers electronic and optical products	0,1	-	-
Manufacture of electrical equipment	0,8	0,0	0,0
Manufacture of machinery and equipment	0,3	0,0	0,0
Production of automobiles, trailers and semitrailers	0,2	0,0	0,0
Manufacture of furniture	10,5	0,3	0,2
Production of other industry products	10,2	0,7	0,4
Repair and installation of machinery and equipment	4	0,2	0,1
Electricity, gas and steam production, distribution and supply	3,1	0,05	0,1
Water supply; waste treatment and disposal	1,2	0,08	0,1
Construction	16,3	0,70	0,4
Trade: repair of transport means	154,4	10,80	8,9
Transportation and storage	23,2	1,50	1,1
Accommodation and food service activities	27,1	2,40	1,8
Information and communication	1,6	0,10	0,1
Other branches of economy	41,1	2,90	1,7

Consumption of motor petrol, kerosene, diesel fuel, liquid gas, lubricants, natural gas, electric and heating energy, wood and other types of fuel by private entrepreneurs by areas in energy balance

Table 29

Types of economic activity	Motor petrol, ton	Kerosene, ton	Diesel fuel, ton	Liquid gas, ton	Lubricants, ton
A	1	2	3	4	5
Expenses of transformation sector	8,2	-	33,1	-	-
Other transformation processes	8,2	-	33,1	-	-
Final consumption	75448,9	73,7	29809,0	2113,3	604,5
Final energy consumption	75448,9	73,7	29809,0	2113,3	-
Industry and construction	144,5	3,9	604,5	196,2	-
Iron and steel	1,1	0,1	1,6	30,3	-
Chemical and petrochemical	5,4	0,4	21,7	-	-
Non-ferrous metal	-	-	-	-	-
Non-metallic mineral products	3,5	0,4	133,6	0,1	-
Transport equipment	-	-	-	-	-
Manufacture of machinery and equipment	-	-	-	-	-
Mining	-	-	235,4	-	-
Food and tobacco	24,3	2,2	134,1	8,9	-
Paper, pulp and print production	81,3	-	1	-	-
Manufacture of wood and wood products	0,6	-	30,2	0,2	-
Textile, leather and clothing industry	8,9	-	0,2	-	-
Construction	2,0	0,8	36,4	5,0	-
Other sectors of industry	17,4	-	10,3	151,7	-
Transport	74943,9	-	25613,9	366,2	-
motor transport	74943,9	-	25613,9	366,2	-
Other branches of economy	360,5	69,8	3590,6	1550,9	-
Agriculture, forestry and fishing	12	23,6	2186,6	13,7	-
Commercial and public services	348,5	46,2	1404	1537,2	-
Final consumption of non-energy purposes	-	-	-	-	604,5

Volume of natural gas and electric energy consumed for business purposes by economic regions

Table 30

Economic regions	Natural gas, thsd. cubic m.	Electric energy, thsd. kVt/hour
Total	352128,2	1105662,4
Baku economic region	101218,2	504266,2
Absheron economic region	42251,5	47239,1
Ganja-Gazakh economic region	42234,4	95679,2
Shaki-Zagatala economic region	15370,3	40883,4
Lankaran economic region	6200,8	43597,4
Guba-Khachmaz economic region	9594,9	30069,1
Aran economic region	56667,2	121749,6
Yukhari Garabagh economic region	2358,4	17812,3
Kalbajar-Lachin economic region	580,7	2827,0
Daghlig Shirvan economic region	7182,6	21632,9
Nakhchivan economic region	68469,2	179906,2

Volume of motor petrol consumed for business purposes by economic regions

Table 31

Economic regions	Motor petrol, ton		including:		
	received	consumed	including:		
			in motor vehicles	in generators	for other purposes
Total	75830,7	75457,1	74943,9	8,2	505,0
Baku economic region	35564,6	35393,0	35153,3	-	239,7
Absheron economic region	3943,2	3886,2	3855,4	0,9	29,9
Ganja-Gazakh economic region	5308,2	5304,9	5271,0	0,7	33,2
Shaki-Zagatala economic region	2654,1	2637,0	2625,1	0,1	11,8
Lankaran economic region	3260,7	3254,1	3234,3	1,1	18,7
Guba-Khachmaz economic region	1971,6	1994,5	1985,9	0,9	7,7
Aran economic region	11147,1	11172,0	11105,5	4	62,5
Yukhari Garabagh economic region	1364,9	1425,0	1419,2	-	5,8
Kalbajar-Lachin economic region	75,8	38,7	37,9	-	0,8
Daghlig Shirvan economic region	1516,6	1482,9	1456,6	0,5	25,8
Nakhchivan economic region	9023,9	8868,8	8799,7	-	69,1

Volume of diesel fuel consumed for business purposes by economic regions

Table 32

Economic regions	Diesel fuel, ton		including:			
	received	consumed	motor vehicle	tractors	in generators	for other purposes
Total	29974,4	29842,2	25614,0	3703,4	33,1	491,7
Baku economic region	9414,7	9374,2	9323,0	29,9	3,5	17,8
Absheron economic region	1302,5	1296,4	1252,4	44,0	0,0	0,0
Ganja-Gazakh economic region	2884,8	2870,8	1956,7	500,9	0,4	412,8
Shaki-Zagatala economic region	1745,8	1738,4	1109,8	622,7	3,9	2,0
Lankaran economic region	1477,4	1477,1	1253,2	206,2	17,3	0,4
Guba-Khachmaz economic region	1054,2	1050,4	718,9	329,3	0,4	1,8
Aran economic region	6475,9	6441,3	4955,9	1433,0	7,6	44,8
Yukhari Garabagh economic region	530,7	529,0	355,9	172,7	0,0	0,4
Kalbajar-Lachin economic region	17,8	17,5	10,9	6,2	0,0	0,4
Daghlig Shirvan economic region	546,8	543,9	355,4	182,6	0,0	5,9
Nakhchivan economic region	4523,8	4503,2	4321,9	175,9	0,0	5,4

Volume of liquid gas consumed for business purposes by economic regions

Table 33

Economic regions	Liquid gas, ton		including:	
	received	consumed	motor vehicle	for business purposes
Total	2848,2	2113,3	366,2	1747,1
Baku economic region	519,3	723,3	157,1	566,2
Absheron economic region	48,7	67,9	18,6	49,3
Ganja-Gazakh economic region	121,7	176,3	20,2	156,1
Shaki-Zagatala economic region	35,8	50,3	8,6	41,7
Lankaran economic region	63,7	68,3	19,6	48,7
Guba-Khachmaz economic region	43,4	62,2	9,2	53,0
Aran economic region	1050,8	412,4	97,5	314,9
Yukhari Garabagh economic region	12,6	17,9	2,4	15,5
Kalbajar-Lachin economic region	7,8	8,4	0,1	8,3
Daghlig Shirvan economic region	295,3	256,9	5,8	251,1
Nakhchivan economic region	649,1	269,4	27,1	242,3

Volume of lubricants and kerosene consumed for business purposes by economic regions

Table 34

Economic regions	Lubricants, ton		kerosene thsd. litre	
	received	consumed	received	consumed
Total	706,4	604,5	88,5	76,7
Baku economic region	240,9	206,2	12,6	10,9
Absheron economic region	32,8	28,3	1,1	0,9
Ganja-Gazakh economic region	51,9	44,4	2,4	2,1
Shaki-Zagatala economic region	35,4	30,5	3,1	2,9
Lankaran economic region	77,3	67,2	2,4	2,1
Guba-Khachmaz economic region	22,3	19,2	0,7	0,6
Aran economic region	119,4	100,7	9,2	8,1
Yukhari Garabagh economic region	14,4	12,2	0,3	0,2
Kalbajar-Lachin economic region	0,9	0,8	50,5	43,6
Daghlig Shirvan economic region	18,8	15,9	3,9	3,3
Nakhchivan economic region	92,3	79,1	2,3	2,0

Volume of electric energy and wood consumed for business purposes by economic regions

Table 35

Economic regions	Heating energy, Q.cal		Wood, thsd. cubic m	
	received	consumed	received	consumed
Total	7165,4	7165,4	145,3	128,5
Baku economic region	3481,1	3481,1	40,6	36,5
Absheron economic region	243,7	243,7	3,6	3,2
Ganja-Gazakh economic region	528,1	528,1	11,5	10,4
Shaki-Zagatala economic region	181,6	181,6	13,8	12,1
Lankaran economic region	281,5	281,5	6,5	5,6
Guba-Khachmaz economic region	235,3	235,3	3,3	2,9
Aran economic region	1347,2	1347,2	40,3	36,2
Yukhari Garabagh economic region	182,2	182,2	1,2	1,0
Kalbajar-Lachin economic region	3,8	3,8	2,2	1,8
Daghlig Shirvan economic region	369,6	369,6	6,5	4,9
Nakhchivan economic region	311,3	311,3	15,8	13,9

Volume of wood coal consumed for business purposes by economic regions

Table 36

Economic regions	Wood coal, ton		Other types of fuel, ton	
	received	consumed	received	consumed
Total	832,1	812,6	409,1	400,6
Baku economic region	0,1	0,1	50,1	49,4
Absheron economic region	0,1	0,1	9,8	9,7
Ganja-Gazakh economic region	778,5	770,5	93,4	89,4
Shaki-Zagatala economic region	4,7	4,3	39,8	39,7
Lankaran economic region	-	-	5,8	5,7
Guba-Khachmaz economic region	-	-	59,4	58,6
Aran economic region	48,5	37,4	119,6	118,1
Yukhari Garabagh economic region	-	-	-	-
Kalbajar-Lachin economic region	-	-	-	-
Daghlig Shirvan economic region	0,1	0,1	31,2	30,0
Nakhchivan economic region	0,1	0,1	-	-

Consumption of motor petrol for purposes by economic regions, %

Table 37

Economic regions	Total consumed, ton	including:		
		motor vehicle	generators	other purposes
Total	75457,1	99,3	0,01	0,7
Baku economic region	35393,0	99,3	-	0,7
Absheron economic region	3886,2	99,2	0,02	0,8
Ganja-Gazakh economic region	5304,9	99,4	0,01	0,6
Shaki-Zagatala economic region	2637,0	99,5	0,00	0,4
Lankaran economic region	3254,1	99,4	0,03	0,6
Guba-Khachmaz economic region	1994,5	99,6	0,05	0,4
Aran economic region	11172,0	99,4	0,04	0,6
Yukhari Garabagh economic region	1425,0	99,6	-	0,4
Kalbajar-Lachin economic region	38,7	97,9	-	2,1
Daghlig Shirvan economic region	1482,9	98,2	0,03	1,7
Nakhchivan economic region	8868,8	99,2	-	0,8

Consumption of liquid gas for purposes by economic regions, %
Table 38

Economic regions	Total consumed, ton	including:	
		motor vehicle	for business purposes
Total	2113,3	17,3	82,7
Baku economic region	723,3	21,7	78,3
Absheron economic region	67,9	27,4	72,6
Ganja-Gazakh economic region	176,3	11,4	88,6
Shaki-Zagatala economic region	50,3	17,0	83,0
Lankaran economic region	68,3	28,8	71,2
Guba-Khachmaz economic region	62,2	14,8	85,2
Aran economic region	412,4	23,7	76,3
Yukhari Garabagh economic region	17,9	13,2	86,8
Kalbajar-Lachin economic region	8,4	1,1	98,9
Daghlig Shirvan economic region	256,9	2,2	97,8
Nakhchivan economic region	269,4	10,1	89,9

Consumption of diesel fuel for purposes by economic regions, %
Table 39

Economic regions	Total consumed, ton	including:			
		motor vehicle	tractors	generators	other purposes
Total	29842,1	85,8	12,4	0,1	1,6
Baku economic region	9374,1	99,5	0,3	0,0	0,2
Absheron economic region	1296,4	96,6	3,4	-	-
Ganja-Gazakh economic region	2870,8	68,2	17,4	0,0	14,4
Shaki-Zagatala economic region	1738,4	63,8	35,8	0,2	0,1
Lankaran economic region	1477,1	84,8	14,0	1,2	0,0
Guba-Khachmaz economic region	1050,4	68,4	31,4	0,0	0,2
Aran economic region	6441,3	76,9	22,2	0,1	0,7
Yukhari Garabagh economic region	529,0	67,3	32,6	-	0,1
Kalbajar-Lachin economic region	17,5	61,9	35,6	-	2,5
Daghlig Shirvan economic region	543,9	65,3	33,6	-	1,1
Nakhchivan economic region	4503,2	96,0	3,9	-	0,1

Distribution of volume of natural gas and electric energy consumed for business purposes by economic regions, %

Table 40

Economic regions	Natural gas		Electric energy	
	consumed, thsd. cubic m.	share in total number	consumed, thsd. kVt/hour	share in total number
Total	352128,2	100,0	1105662,4	100,0
Baku economic region	101218,2	28,7	504266,2	45,6
Absheron economic region	42251,5	12,0	47239,1	4,3
Ganja-Gazakh economic region	42234,4	12,0	95679,2	8,7
Shaki-Zagatala economic region	15370,3	4,4	40883,4	3,7
Lankaran economic region	6200,8	1,8	43597,4	3,9
Guba-Khachmaz economic region	9594,9	2,7	30069,1	2,7
Aran economic region	56667,2	16,1	121749,6	11,0
Yukhari Garabagh economic region	2358,4	0,7	17812,3	1,6
Kalbajar-Lachin economic region	580,7	0,2	2827,0	0,2
Daghlig Shirvan economic region	7182,6	2,0	21632,9	2,0
Nakhchivan economic region	68469,2	19,4	179906,2	16,3

Distribution of volume of motor petrol and diesel fuel consumed for business purposes by economic regions, %

Table 41

Economic regions	Motor petrol		Diesel fuel	
	consumed, ton	share in total number	consumed, ton	share in total number
Total	75457,1	100,0	29842,2	100,0
Baku economic region	35389,4	46,9	9374,2	31,4
Absheron economic region	3923,8	5,2	1296,4	4,3
Ganja-Gazakh economic region	5282,0	7,0	2870,8	9,6
Shaki-Zagatala economic region	2641,0	3,5	1738,4	5,8
Lankaran economic region	3244,7	4,3	1477,1	5,0
Guba-Khachmaz economic region	1961,9	2,6	1050,4	3,5
Aran economic region	11137,5	14,8	6441,3	21,6
Yukhari Garabagh economic region	1411,0	1,9	529,0	1,8
Kalbajar-Lachin economic region	37,7	0,0	17,5	0,1
Daghlig Shirvan economic region	1524,2	2,0	543,9	1,8
Nakhchivan economic region	8903,9	11,8	4503,2	15,1

Distribution of volume of liquid gas and lubricants consumed for business purposes by economic regions, %

Table 42

Economic regions	liquid gas		lubricants	
	consumed, ton	share in total number	consumed, ton	share in total number
Total	2113,3	100,0	604,5	100,0
Baku economic region	723,3	34,2	206,2	34,1
Absheron economic region	67,9	3,2	28,3	4,7
Ganja-Gazakh economic region	176,3	8,3	44,4	7,3
Shaki-Zagatala economic region	50,3	2,4	30,5	5,1
Lankaran economic region	68,3	3,2	67,2	11,1
Guba-Khachmaz economic region	62,2	2,9	19,2	3,2
Aran economic region	412,4	19,5	100,7	16,7
Yukhari Garabagh economic region	17,9	0,9	12,2	2,0
Kalbajar-Lachin economic region	8,4	0,4	0,8	0,1
Daghligh Shirvan economic region	256,9	12,2	15,9	2,6
Nakhchivan economic region	269,4	12,8	79,1	13,1

Distribution of volume of kerosene and heating energy consumed for business purposes by economic regions, %

Table 43

Economic regions	Kerosene		Heating energy	
	consumed, thsd. litre	Share in total number	consumed, Q.cal	Share in total number
Total	76,7	100,0	7165,4	100,0
Baku economic region	10,9	14,2	3481,1	48,6
Absheron economic region	0,9	1,2	243,7	3,4
Ganja-Gazakh economic region	2,1	2,7	528,1	7,4
Shaki-Zagatala economic region	2,9	3,8	181,6	2,5
Lankaran economic region	2,1	2,7	281,5	3,9
Guba-Khachmaz economic region	0,6	0,8	235,3	3,3
Aran economic region	8,1	10,6	1347,2	18,8
Yukhari Garabagh economic region	0,2	0,3	182,2	2,5
Kalbajar-Lachin economic region	43,6	56,8	3,8	0,1
Daghligh Shirvan economic region	3,3	4,3	369,6	5,2
Nakhchivan economic region	2,0	2,6	311,3	4,3

**Distribution of volume of wood and wood coal consumed for business purposes
by economic regions, %**

Table 44

Economic regions	Wood		Other types of fuel	
	consumed, thsd. cubic m	Share in total number	consumed, ton	Share in total number
Total	128,5	100,0	400,6	100,0
Baku economic region	36,5	28,4	49,4	12,3
Absheron economic region	3,2	2,5	9,7	2,4
Ganja-Gazakh economic region	10,4	8,1	89,4	22,3
Shaki-Zagatala economic region	12,1	9,5	39,7	9,9
Lankaran economic region	5,6	4,4	5,7	1,5
Guba-Khachmaz economic region	2,9	2,2	58,6	14,6
Aran economic region	36,2	28,1	118,0	29,5
Yukhari Garabagh economic region	1,0	0,8	-	-
Kalbajar-Lachin economic region	1,8	1,4	-	-
Daghlig Shirvan economic region	4,9	3,8	30,0	7,5
Nakhchivan economic region	13,9	10,8	-	-

**Distribution of volume of other types of fuel consumed for
business purposes by economic regions, %**

Table 45

Economic regions	Wood coal	
	consumed, ton	share in total number
Total	812,6	100,0
Baku economic region	0,1	0,0
Absheron economic region	0,1	0,0
Ganja-Gazakh economic region	770,5	94,8
Shaki-Zagatala economic region	4,3	0,5
Lankaran economic region	-	-
Guba-Khachmaz economic region	0,0	0,0
Aran economic region	37,4	4,6
Yukhari Garabagh economic region	-	-
Kalbajar-Lachin economic region	-	-
Daghlig Shirvan economic region	0,1	0,0
Nakhchivan economic region	0,1	0,0

Share of energy carriers consumed for business purposes in fuel costs of private entrepreneurs by economic regions, %

Table 46

Economic regions	Share in fuel costs, %					
	motor petrol	diesel fuel	liquid gas	natural gas	lubricants	other fuel expenses
Total	17,7	6,9	0,5	74,5	0,1	0,3
Baku economic region	25,8	6,8	0,6	66,7	0,1	0,04
Absheron economic region	9,00	2,90	0,20	87,80	0,06	0,08
Ganja-Gazakh economic region	11,21	6,01	0,41	81,02	0,09	1,30
Shaki-Zagatala economic region	14,40	9,30	0,30	75,60	0,15	0,20
Lankaran economic region	31,00	14,00	0,70	53,60	0,60	0,07
Guba-Khachmaz economic region	16,62	8,79	0,58	73,51	0,15	0,40
Aran economic region	16,05	9,16	0,65	73,82	0,13	0,20
Yukhari Garabagh economic region	34,44	12,75	0,48	52,04	0,28	0,01
Kalbajar-Lachin economic region	5,95	2,73	1,45	82,84	0,12	6,90
Daghlig Shirvan economic region	17,17	6,05	3,18	73,15	0,17	0,30
Nakhchivan economic region	11,77	5,88	0,39	81,85	0,10	0,01

Share of energy carriers consumed for business purposes in energy costs of private entrepreneurs by economic regions, %

Table 47

Economic regions	Share in energy costs, %					
	motor petrol	diesel fuel	liquid gas	natural gas	lubricants	electric energy
Total	15,1	5,90	0,50	59,70	0,1	18,50
Baku economic region	19,71	5,15	0,44	50,96	0,11	23,40
Absheron economic region	8,27	2,70	0,16	80,47	0,06	8,29
Ganja-Gazakh economic region	9,58	5,14	0,35	69,23	0,07	14,46
Shaki-Zagatala economic region	12,12	7,87	0,25	63,75	0,13	15,63
Lankaran economic region	22,99	10,33	0,53	39,72	0,44	25,74
Guba-Khachmaz economic region	13,69	7,24	0,48	60,53	0,12	17,49
Aran economic region	13,98	7,98	0,57	64,30	0,12	12,73
Yukhari Garabagh economic region	25,20	9,33	0,35	38,08	0,20	26,51
Kalbajar-Lachin economic region	4,34	1,99	1,06	60,36	0,08	27,09
Daghlig Shirvan economic region	14,22	5,01	2,63	60,60	0,14	16,82
Nakhchivan economic region	9,82	4,91	0,33	68,29	0,08	16,54

continuation

Economic regions	Share in energy costs, %				
	kerosene	heating	wood	other fuel expenses	wood coal
Total	0,01	0,13	0,01	0,11	0,05
Baku economic region	0,01	0,19	0,00	0,00	0,02
Absheron economic region	0,00	0,05	0,00	0,00	0,01
Ganja-Gazakh economic region	0,00	0,09	0,00	0,95	0,11
Shaki-Zagatala economic region	0,01	0,08	0,01	0,01	0,12
Lankaran economic region	0,01	0,20	0,01	0,00	0,03
Guba-Khachmaz economic region	0,00	0,16	0,00	0,00	0,28
Aran economic region	0,01	0,17	0,01	0,03	0,10
Yukhari Garabagh economic region	0,00	0,32	0,00	-	-
Kalbajar-Lachin economic region	4,99	0,04	0,05	-	-
Daghlig Shirvan economic region	0,03	0,34	0,01	0,00	0,19
Nakhchivan economic region	0,00	0,03	0,00	0,00	-

OFFICIAL STATISTICAL OBSERVATION

Dear entrepreneur! The State Statistical Committee conducts the inquiry among natural persons randomly sampled for the purpose to study the volume of energy products produced and consumed by private entrepreneurs and to prepare statistical data on energy statistics. The State Statistical Committee asks you to respond the questionnaire and ensures the confidentiality and the use of the received data only for statistical purposes.

Thank you in advance for cooperation.

Private entrepreneur's:

Name, surname _____

Location _____

Address _____
region (city)

_____ village (street)

Main type of activity _____

ID Code _____

**report form №
2-energy (private entrepreneur)**

Approved by the decree of the State Statistical Committee of the Republic of Azerbaijan dated 27 August 2012, № 63/14.

**semiannual, one time
(2012 half years)**

It is filled in by interviewer based on the replies of private entrepreneur and presented to the local statistical bodies during 5 days after the period of survey conduction.

Consumption and production of energy products by private entrepreneur (natural person)

Section I. Consumption, sale and stock of energy products

Energy product	Code of row	Stock for the beginning of half year	Quantity of energy products during half year	Consumed for own business purposes during half year	Sold	Stock for the end of half year
A	B	1	2	3	4	5
Electricity, kWh	1	x				x
Natural gas, thsd. cub.m	2	x			x	x
Motor petrol - for all purposes, litre	3				x	
of which: for motor	3.1				x	
Diesel fuel – for all purposes, litre	4				x	
of which: for motor	4.1				x	
for tractor	4.2				x	
Kerosene, litre	5					
Liquid gas (liquefied petroleum gas) – for all purposes, kg	6					
of which for motor	6.1				x	
Lubricants, kg	7					
Heating energy, Q.cal	8	x				x
Wood, cub. meter	9					
Other _____ (please specify)	10					

Section II. Production of electricity by private entrepreneur

(this section is intended for private entrepreneurs produced electricity with generator and etc. using any energy product)

11. Produced electricity

kWh

11.1 including:

due to alternative energy sources (solar, wind and etc.)

kWh

12. Consumed for production of electricity:

12.1 petrol litre 12.2 diesel fuel litre.

For reference: Breaks in electricity supply for private entrepreneurs in average per day:

:

no breaks 0-1 hour 2-4 hours 5 hours and over

Section III. Main economic indicators

13. Number of employees person

14. Used production area sq. m
including:

14.1 cooled area sq. m

14.2 heated area sq. m

15. Expenses of private entrepreneur (semi- annual) manat

15.1 energy costs manat
including:

15.1.1 fuel manat

15.1.2 electricity manat

15.1.3 heating manat

16. Incomes of private entrepreneur (semi-annual) manat

Interviewer _____
(name, surname, telephone number)

Date of filling in “ _____ ” _____ 2012

METHODOLOGICAL GUIDELINES
on filling in of the questionnaire № 2-energy private entrepreneur (natural person) on energy consumption and production by private entrepreneur (natural person)

General provisions. Present methodological explanations cover compilation of the questionnaire for the survey conducted once in a half year for the purpose to collect data on the volume of fuel and energy produced and consumed by private entrepreneurs acting without formation of legal entity. Randomly sampled private entrepreneurs take part in inquiry.

Methodological explanations. Questionnaire consists of three sections. **Section I** reflects questions on consumption, sale and stock of main types of energy products (electricity, natural gas, motor petrol, kerosene, liquid gas, lubricants, heating energy and wood).

Energy carrier is indicated in Column “A” of the section and code of row – in Column “B”.

Stocks for **the beginning of half year** are indicated in the 1-st column, stocks for **the end of half-year** – in 5-th column. Stock indicates the quantity of residues of fuel in storehouses, other places for storage, as well as containers of vehicles of private entrepreneurs. The indicator of stock for the beginning of half year is the available reserves in the beginning of the same reporting period. For example, if the survey period covers the first half year and the survey is conducted on September, then 1 January 2012 is considered as the beginning of the reporting period and 30 June – as the end of the reporting period. If the survey covers the second half year then the beginning of half year is 1 July and the end – 31 December. The quantity of energy products received during the corresponding half year of the reporting year is indicated in **the 2-nd column**. The volume of energy products consumed by natural person during half year is indicated in **the 3-rd column**. As for energy product consumed during half year it is considered the data on the half of the year. For example, if the survey is conducted for the first half of a year then it should be indicated only energy products consumed on January-June. In **the 4-th column** energy product purchased for own needs and further sold is indicated. This indicator characterizes the volume of energy sold to population as well as other legal or natural entity during half year taking into account stocks remained from the previous periods.

1-st row. The **quantity of electricity** consumed by natural persons during half year is indicated in this row (on the 2-nd column). In this row the quantity (kWh) of **electricity** consumed during half year by private entrepreneur (natural person) based on watt-hour meter indicators. For calculation of the quantity of electricity consumed during the half of the year it is necessary to deduct from watt-hour meter indicator for the last day of half year the indicator for the beginning of this period and to find the difference derived in kWh. In case if natural person has no watt-

hour meter or it is not in order it is necessary to divide the amount paid for electricity into 6.0 gepiks (kopecks) and find out kWh of the consumed electricity. At this time arrears from the previous periods are not considered and only the whole amount paid or payable for half year is covered.

The 2-nd row indicates the quantity of **natural gas** in cubic meters based on utility meter indicators. To get the quantity of gas consumed during half year it is necessary to deduct from utility meter indicator for the last day of half year the indicator for the beginning of this period. In case if natural person has no utility meter or it is not in order it is possible to get the volume of natural gas by dividing the amount paid for half year into 10 gepiks (because 1 cubic meter of gas is for 10 gepiks). If on half year payment the natural person had arrears from the previous periods then consumption should be defined based on amount of payment for average half year.

3-rd row. In this row total volume of **motor petrol** consumed (for example, consumed for domestic purposes, as fuel in vehicles and other purposes) during the corresponding half year by natural person regardless of purposes should be indicated. In 3.1 row the volume motor petrol used as fuel only for own vehicle should be indicated. The volume of fuel used for vehicle is defined based on the corresponding registration documents, in case of absent of such documents it is defined by dividing the spent amount by the cost of a litre of motor petrol. Moreover, this indicator could be defined based on run of vehicle for half year. At this time it is defined by dividing the distance reached by vehicle during the survey period by the quantity of fuel consumed in average for 100 km. For example, if fuel consumed by truck for 100 km makes 25 litres then fuel consumption of vehicle for 500 km during the surveyed week would make $500/100 \times 25 = 125$.

4-th row. Here it should be indicated total volume of diesel fuel consumed by **natural person** for all purposes during half year; in 4.1 row the volume of diesel fuel (vehicle transport) consumed for passenger and cargo transportation should be indicated. Consumption of diesel fuel is calculated according to recommendations related with petrol consumption.

5-th row. The volume of kerosene consumed by private entrepreneur during half year for several purposes (heating and etc.) is indicated.

6-th row. Liquid gas (bottled gas). Total volume of liquid gas consumed by private entrepreneur during half year is indicated. Here it should be considered total consumption by natural person and in 6.1 row – the volume of gas consumed as fuel for own vehicle.

In 7-th row the lubricants consumed by private entrepreneur for equipment in the process of production and service, as well as for vehicle, are indicated.

8-th row. The quantity of heating energy purchased by private entrepreneur based on contract or agreement from heating centres. The quantity of heat is defined by calculation based on amount paid during half year.

9-th row. It characterizes the volume of wood consumed by private entrepreneur for fuel purpose. Here it is not considered wood consumed as raw material for purchasing (for example, timber and etc.), production of other products.

Other type of fuel means other energy products (for example, coal and etc.) consumed by **private entrepreneur** for fuel purpose.

In the **reference** part of the questionnaire the information on the quantity of breaks in electricity at average per day supplied for private entrepreneurs by corresponding energy providers during half year should be indicated.

Section II of the questionnaire is about production of electricity by private entrepreneur. This section is planned for private entrepreneurs producing electricity by generators using any energy product (petrol, diesel fuel), as well as due to alternative energy sources (solar, wind and etc.). In 11-th row it is indicated the production of electricity at the expense of all sources during half year, including in 11.1 row – from alternative energy sources (solar, wind and etc.). **Solar and wind energy** is one of more efficient technologies for production of electricity. Being one of the main types of alternative energy it is considered advantageous for Azerbaijan climate. Solar energy is get by using the parabolic mirrors that reflects and collects solar energy in several collectors producing a high temperature and moves along the Sun; wind energy is get by means of electric power stations supplied with special equipment. **In 12-th row** of the section the volume of fuel consumed to get electricity is indicated.

Section III consists of main economic indicators on private entrepreneurs (natural person).

In **13-th row** the information on number of employees, i.e. number of workers hired by private entrepreneur is indicated.

In **14-th row** the information on total production area used by private entrepreneur (natural person) should be indicated in square meters, including cooled area – in **14.1 row** and heated area – in **14.2 row**.

In **15-th row** the information on semi-annual costs of natural person is indicated, in **15.1 row** – costs for energy, in **15.1.1-15.1.3 rows** – correspondingly costs for fuel, electricity and heating energy. The value of energy products purchased for sale, as well as costs regarding to their sale are not included here.

In **16-th row** the semi-annual incomes of natural person is indicated.