

STATE STATISTICS SERVICE OF UKRAINE

FUEL AND ENERGY RESOURCES
OF UKRAINE

STATISTICAL PUBLICATION

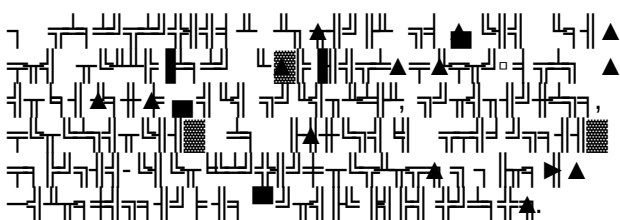
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STATE STATISTICS SERVICE OF UKRAINE

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Trade Statistics Department

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Відповідальний за видання
Responsible for edition **V. Bogok**



This publication contains data on activity results of enterprises and organizations concerning extraction, production, transformation and final consumption of fuel and energy resources in Ukraine. It is considerate for a wide range of users.

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2016-2017

2007-2017

2016-2017

התקן

$$\mathbb{U}_{\Pi} \mathbb{L}(-) = \begin{array}{c} \text{[Diagram: A 2x2 grid of squares, with the top-left square shaded gray and the others white]} \end{array} \mathbb{U}_{\Pi} \mathbb{L}(-);$$
[illegible]

$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2} + \sqrt{2}} - \frac{1}{\sqrt{2} - \sqrt{2}}$

[illegible]

Foreword

The publication "Fuel and energy resources of Ukraine" contains statistics data that show the activity outcome of enterprises and organizations of all economic activities concerned with mining, production, transformation and final consumption of energy resources in 2016-2017 in Ukraine.

Significant place in the publication is given to statistical data on the enterprises and organizations use of energy resources in the reference directions of consumption.

Presented information about: generation and utilization of secondary energy resources; energy losses in transportation, distribution and storage.

Shown the weights' values for fuel and energy use on production the energy-using products.

Part 1 includes tables of statistics in form of balances for individual fuels and graphic information on time series data of energy balances for 2007-2017

Information is provided by regions of Ukraine and types of economic activities.

The last part of the publication also contains methodological notes on some statistical indicators.

Information presented and calculated in this issue given according to the 2016-2017 statistics observation results and exclude data from temporarily occupied territories of Autonomous Republic of Crimea, Sebastopol and part of the anti-terrorist operation zone.

State Statistics Service of Ukraine

Conventional symbols used in publication

Dash (–) – not observed

Zero (0) – data are very low for used units of measure

tsc – tonnes of standard coals

toe – tonnes of oil equivalent

There are cases when all components of the total sum are given, however when rounding the sum of the components does not equal the total.



..... 3

[illegible][illegible]

2. Musical notation for exercise 2.

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3.

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1. Energy balance of Ukraine

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[illegible]

$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	$\sqrt{\frac{1}{2}}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	22869	2304	-	15175	21244	660	124	3348	-	599	66323
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	10617	527	9155	8809	-	-	-	38	7	-	29152
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-495	-25	-24	-	-	-	-	-554	-329	-	-1427
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-	-	-157	-	-	-	-	-	-	-	-157
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-541	-	-586	1620	-	-	-	-1	-	-	492
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	32450	2806	8387	25603	21244	660	124	2832	-323	599	94383
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-	293	-278	-	-	-	-	-	-	-	15
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-93	-	-94	-181	-	-	-	-	-538 ²	-65	-970
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-14700	-	-65	-99	-21092	-660	-124	-5	12642	-59	-24162
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-2086	-	-541	-3278	-151	-	-	-255	1368	3237	-1706
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-1452	-	-930	-5003	-	-	-	-557	-	6852	-1090
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-3666	-	-	-	-	-	-	-	-	-	-3666
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-34	-	-	-	-	-	-	-	-	-	-34
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-2556	-	-	-	-	-	-	-	-	-	-2556
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-	-3081	3200	-	-	-	-	-	-	-	119
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-	-	-	-	-	-	-	-	-	-	-
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-137	-	-	-	-	-	-	-291	-	-	-428
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-964	-5	-48	-897	-	-	-	-	-1622	-1332	-4870
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	-456	-7	-1	-471	-	-	-	-	-1430	-1022	-3388
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	6307	6	9630	15673	-	-	-	1724	10098	8211	51649
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	5377	-	176	2482	-	-	-	51	4294	2575	14955
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	4683	-	53	1186	-	-	-	14	1797	533	8265
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	2	-	2	205	-	-	-	-	255	544	1009
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	96	-	1	129	-	-	-	-	127	243	596
$\frac{1}{2} \left(\frac{1}{2} \sqrt{\frac{1}{2}} \right) \frac{1}{2} \sqrt{\frac{1}{2}}$	573	-	14	364	-	-	-	3	192	58	1202

1 -

(במיליארד טון נפט שקולים)											
שנה	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
האנרגיה הכוללת	-	-	6	15	-	-	-	-	61	41	124
האנרגיה הממוחללת	1	-	4	101	-	-	-	2	211	92	410
האנרגיה הממוחללת (כולל האנרגיה הממוחללת מהאנרגיה הממוחללת)	1	-	26	287	-	-	-	-	818	92	1223
האנרגיה הממוחללת מהאנרגיה הממוחללת	20	-	18	152	-	-	-	9	362	715	1276
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	1	18	-	-	-	-	75	118	214
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	4	3	-	-	-	21	48	86	162
האנרגיה הממוחללת מהאנרגיה הממוחללת	1	-	43	10	-	-	-	1	70	11	136
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	1	5	-	-	-	-	26	16	49
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	2	8	-	-	-	1	252	28	290
האנרגיה הממוחללת מהאנרגיה הממוחללת	6	-	7139	1399	-	-	-	37	584	-	9165
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	-	-	-	-	-	-	-	-	-
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	6975	28	-	-	-	37	-	-	7040
האנרגיה הממוחללת מהאנרגיה הממוחללת	4	-	109	-	-	-	-	-	488	-	601
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	6	1369	-	-	-	-	35	-	1410
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	48	-	-	-	-	-	-	-	48
האנרגיה הממוחללת מהאנרגיה הממוחללת	2	-	1	2	-	-	-	-	61	-	66
האנרגיה הממוחללת מהאנרגיה הממוחללת	439	-	1679	10009	-	-	-	1636	5220	5635	24618
האנרגיה הממוחללת מהאנרגיה הממוחללת	274	-	115	9286	-	-	-	1507	3088	3318	17588
האנרגיה הממוחללת מהאנרגיה הממוחללת	157	-	105	584	-	-	-	109	1827	2074	4856
האנרגיה הממוחללת מהאנרגיה הממוחללת	8	-	1427	139	-	-	-	20	302	244	2139
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	2	-	-	-	-	-	2	-	4
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	31	-	-	-	-	-	-	-	31
האנרגיה הממוחללת מהאנרגיה הממוחללת	485	6	636	1784	-	-	-	-	-	-	2910
האנרגיה הממוחללת מהאנרגיה הממוחללת	485	6	522	1784	-	-	-	-	-	-	2796
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	90	1711	-	-	-	-	-	-	1801
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	12	-	-	-	-	-	-	-	12
האנרגיה הממוחללת מהאנרגיה הממוחללת	-	-	102	-	-	-	-	-	-	-	102

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1. חשבון אנרגיה / Energy balance of Ukraine

(במיליון טון נפט שקולים)											
שנה	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1	2	3	4	5	6	7	8	9	10	11	12
הנפט והגז	-	-	13	21	-	-	-	-	71	48	152
הנפט והגז	2	-	4	122	-	-	-	2	342	91	563
הנפט והגז (כולל הנפט והגז)	5	-	169	266	-	-	-	-	811	84	1335
הנפט והגז	24	-	27	151	-	-	-	5	351	819	1377
הנפט והגז	-	-	1	18	-	-	-	-	85	139	243
הנפט והגז	-	-	5	3	-	-	-	26	60	96	190
הנפט והגז	1	-	72	9	-	-	-	1	77	27	186
הנפט והגז	-	-	1	6	-	-	-	-	30	18	56
הנפט והגז	-	-	5	12	-	-	-	1	408	32	457
הנפט והגז	5	-	7500	1612	-	-	-	45	606	-	9768
הנפט והגז	-	-	-	-	-	-	-	-	-	-	-
הנפט והגז	-	-	7327	28	-	-	-	45	-	-	7401
הנפט והגז	4	-	134	-	-	-	-	-	518	-	656
הנפט והגז	-	-	5	1582	-	-	-	-	57	-	1643
הנפט והגז	-	-	33	-	-	-	-	-	-	-	33
הנפט והגז	1	-	-	2	-	-	-	-	31	-	34
הנפט והגז	324	-	1368	9564	-	-	-	1794	5167	4484	22701
הנפט והגז	214	-	56	8830	-	-	-	1678	3014	2643	16435
הנפט והגז	103	-	139	602	-	-	-	91	1838	1623	4396
הנפט והגז	7	-	1172	131	-	-	-	25	313	218	1867
הנפט והגז	-	-	1	-	-	-	-	-	2	-	3
הנפט והגז	-	-	-	-	-	-	-	-	-	-	-
הנפט והגז	528	6	813	1168	-	-	-	-	-	-	2515
הנפט והגז	528	6	682	1168	-	-	-	-	-	-	2384
הנפט והגז	-	-	119	1083	-	-	-	-	-	-	1202
הנפט והגז	-	-	11	-	-	-	-	-	-	-	11
הנפט והגז	-	-	120	-	-	-	-	-	-	-	120

1. ስፔሊሲፋካሽን ድጋፍ ስብሰባ / Energy balance of Ukraine

1.2. ስፔሊሲፋካሽን ድጋፍ ስብሰባ ዝገለጽ (ጥብቅ ሰላምታ) ን 2016 ዓ.ም.

ገጽ ስብሰባ ድጋፍ ስብሰባ	ፍጥነት (ጥብቅ)				ፍጥነት (ጥብቅ)		
	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)	ፍጥነት (ጥብቅ)
ፍጥነት (ጥብቅ)	6509	25122	13442	246	-	90483	117461
ፍጥነት (ጥብቅ)	3986	4245	-	-	-	-	-
ፍጥነት (ጥብቅ)	8109	7539	1612	-	-	-	-
ፍጥነት (ጥብቅ)	-336	-184	-257	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	10	-1152	150	-2	-	-	-
ፍጥነት (ጥብቅ)	18278	35570	14947	244	-	90483	117461
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	18124	32161	11447	88	-	16462	33965
ፍጥነት (ጥብቅ)	-	27592	-	-	-	1566	2303
ፍጥነት (ጥብቅ)	-	2433	-	18	-	8243	24444
ፍጥነት (ጥብቅ)	36	2136	-	70	-	6653	7218
ፍጥነት (ጥብቅ)	-	-	10785	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	56	-	-	-	-
ፍጥነት (ጥብቅ)	18088	-	455	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	151	-	-	-	-
ፍጥነት (ጥብቅ)	-	215	-	-	-	39389	-
ፍጥነት (ጥብቅ)	-	21	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	194	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	39389	-
ፍጥነት (ጥብቅ)	-	3	-	-	-	-	19022
ፍጥነት (ጥብቅ)	154	3191	3500	156	-	34632	64474
ፍጥነት (ጥብቅ)	-	2501	2903	6	-	34632	64329
ፍጥነት (ጥብቅ)	-	1191	2903	-	-	34632	64329
ፍጥነት (ጥብቅ)	-	4	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	181	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	1084	-	5	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	2	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	1	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	36	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	1	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	2	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	12	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	8	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	4	-	-	-	-	-
ፍጥነት (ጥብቅ)	154	515	-	150	-	-	-
ፍጥነት (ጥብቅ)	-	425	-	118	-	-	-
ፍጥነት (ጥብቅ)	154	77	-	31	-	-	-
ፍጥነት (ጥብቅ)	-	13	-	1	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	163	597	-	-	-	145
ፍጥነት (ጥብቅ)	-	163	597	-	-	-	145
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-
ፍጥነት (ጥብቅ)	-	-	-	-	-	-	-

¹ ስፔሊሲፋካሽን ድጋፍ ስብሰባ ዝገለጽ (ጥብቅ ሰላምታ) ን 2016 ዓ.ም.

² ስፔሊሲፋካሽን ድጋፍ ስብሰባ ዝገለጽ (ጥብቅ ሰላምታ) ን 2016 ዓ.ም.

1. **ኢትዮጵያ ስኬት ስርዓት / Energy balance of Ukraine**

(የሚገልጽበት)

የፍጥነት ስርዓት / የፍጥነት ስርዓት	የፍጥነት ስርዓት (ጥንቃቄ)	የፍጥነት ስርዓት (ጥንቃቄ)	የፍጥነት ስርዓት (ጥንቃቄ)				
			የፍጥነት ስርዓት	የፍጥነት ስርዓት	የፍጥነት ስርዓት	የፍጥነት ስርዓት	የፍጥነት ስርዓት
የፍጥነት ስርዓት	539	705926	1623	650	-	22	26
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	17	409787	502	14	6	2	-
የፍጥነት ስርዓት	-26	-	-	-	-23	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-7	75351	-5	5	-	-	-
የፍጥነት ስርዓት	523	1191064	2120	669	-17	24	26
የፍጥነት ስርዓት	-	-	-	-	274	-	-
የፍጥነት ስርዓት	-	-8429	-	-	-	-	743
የፍጥነት ስርዓት	324	389859	2106	665	257	24	747
የፍጥነት ስርዓት	-	4624	-	-	-	-	-
የፍጥነት ስርዓት	18	152502	-	-	-	-	-
የፍጥነት ስርዓት	106	232733	-	-	-	-	747
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	200	-	-	-	-	-	-
የፍጥነት ስርዓት	-	-	2106	665	257	24	-
የፍጥነት ስርዓት	20	41724	3	2	-	-	22
የፍጥነት ስርዓት	-	23122	3	2	-	-	-
የፍጥነት ስርዓት	-	3600	-	-	-	-	-
የፍጥነት ስርዓት	-	578	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	20	14424	-	-	-	-	22
የፍጥነት ስርዓት	2	21933	7	-	-	-	-
የፍጥነት ስርዓት	177	729119	4	2	-	-	-
የፍጥነት ስርዓት	7	115454	-	-	-	-	-
የፍጥነት ስርዓት	1	55162	-	-	-	-	-
የፍጥነት ስርዓት	-	9519	-	-	-	-	-
የፍጥነት ስርዓት	-	5982	-	-	-	-	-
የፍጥነት ስርዓት	5	16911	-	-	-	-	-
የፍጥነት ስርዓት	-	714	-	-	-	-	-
የፍጥነት ስርዓት	-	4687	-	-	-	-	-
የፍጥነት ስርዓት	-	13328	-	-	-	-	-
የፍጥነት ስርዓት	-	7050	-	-	-	-	-
የፍጥነት ስርዓት	1	859	-	-	-	-	-
የፍጥነት ስርዓት	-	135	-	-	-	-	-
የፍጥነት ስርዓት	-	471	-	-	-	-	-
የፍጥነት ስርዓት	-	245	-	-	-	-	-
የፍጥነት ስርዓት	-	391	-	-	-	-	-
የፍጥነት ስርዓት	-	65074	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	1306	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	63678	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	90	-	-	-	-	-
የፍጥነት ስርዓት	170	465618	-	-	-	-	-
የፍጥነት ስርዓት	138	432004	-	-	-	-	-
የፍጥነት ስርዓት	31	27165	-	-	-	-	-
የፍጥነት ስርዓት	1	6449	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	82973	4	2	-	-	-
የፍጥነት ስርዓት	-	82973	4	2	-	-	-
የፍጥነት ስርዓት	-	79614	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-
የፍጥነት ስርዓት	-	-	-	-	-	-	-

1. ስፔክትራል ኢንፎርሜሽን / Energy balance of Ukraine

(ሰንጠረዥ II)

የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	የጥቅም (ሰንጠረዥ II) የፍጥነት ስፔክትራል ኢንፎርሜሽን						
	ሰንጠረዥ I	ሰንጠረዥ II	ሰንጠረዥ III	ሰንጠረዥ IV	ሰንጠረዥ V	ሰንጠረዥ VI	ሰንጠረዥ VII
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	409	652	-	929	590	-	547
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1081	1454	-	5125	380	-	896
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-3	-	-22
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-164
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-27	11	-	-612	62	-	-5
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1463	2117	-	5442	1029	-	1252
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-16	-	-	-274
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-112	54	-	-310	-360	-	-248
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	8	635	-	39
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	7	60	-	1
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	-	541	-	24
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	34	-	14
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	19	2	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	8	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	10	2	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	1	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1348	2171	-	5089	32	-	691
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	3	-	-	150	7	-	14
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	50	1	-	1
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	1	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	10	1	-	2
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	2	-	-	4
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	4	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	24	-	-	2
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	15	-	-	2
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	4	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1	-	-	36	4	-	2
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	1	-	-	1
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1200	2171	-	3462	15	-	2
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	1200	2171	-	3317	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	107	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	5	-	-	1
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	33	15	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	1
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	145	-	-	1477	7	-	11
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	105	-	-	-	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	21	-	-	67	6	-	8
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	19	-	-	1378	1	-	3
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	2	-	-	-
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	30	-	-	0
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	3	-	664
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	3	-	545
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	1	-	89
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	12
የፍጥነት ምጣኔ ስፔክትራል ኢንፎርሜሽን	-	-	-	-	-	-	107

¹ ስፔክትራል ኢንፎርሜሽን (የፍጥነት ስፔክትራል ኢንፎርሜሽን)፡

² ስፔክትራል ኢንፎርሜሽን (የፍጥነት ስፔክትራል ኢንፎርሜሽን)፡

1. [Energy balance of Ukraine](#)[illegible]
$$^1 \sqrt{\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = 1}$$

$\frac{1}{2}$

2

1. **ኢትዮጵያ የኃይል ምርትና ጥቅም ሪፖርት / Energy balance of Ukraine**

(የጥቅም ሪፖርት)

የጥቅም ሪፖርት	የጥቅም ሪፖርት (ጥቅም ሪፖርት)	የጥቅም ሪፖርት (ጥቅም ሪፖርት)	የጥቅም ሪፖርት (ጥቅም ሪፖርት)				
			የጥቅም ሪፖርት	የጥቅም ሪፖርት	የጥቅም ሪፖርት	የጥቅም ሪፖርት	የጥቅም ሪፖርት
የጥቅም ሪፖርት	518	719737	1505	665	-	30	36
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	18	523927	905	109	290	2	-
የጥቅም ሪፖርት	-29	-	-83	-	-52	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-15	-101424	-41	-7	-	-1	-
የጥቅም ሪፖርት	492	1142240	2286	767	238	31	36
የጥቅም ሪፖርት	-	-	-	-	312	-	-
የጥቅም ሪፖርት	-	-9039	-	-	-	-	-
የጥቅም ሪፖርት	476	368753	2272	762	550	31	-
የጥቅም ሪፖርት	-	6410	-	-	-	-	-
የጥቅም ሪፖርት	-	139580	-	-	-	-	-
የጥቅም ሪፖርት	36	222763	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	440	-	-	-	-	-	-
የጥቅም ሪፖርት	-	-	2272	762	550	31	-
የጥቅም ሪፖርት	16	44627	3	3	-	-	36
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	26792	3	2	-	-	-
የጥቅም ሪፖርት	-	595	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	16	17240	-	1	-	-	36
የጥቅም ሪፖርት	-	23359	7	-	-	-	-
የጥቅም ሪፖርት	-	696462	4	2	-	-	-
የጥቅም ሪፖርት	-	122220	-	-	-	-	-
የጥቅም ሪፖርት	-	65042	-	-	-	-	-
የጥቅም ሪፖርት	-	6561	-	-	-	-	-
የጥቅም ሪፖርት	-	6705	-	-	-	-	-
የጥቅም ሪፖርት	-	15724	-	-	-	-	-
የጥቅም ሪፖርት	-	968	-	-	-	-	-
የጥቅም ሪፖርት	-	5662	-	-	-	-	-
የጥቅም ሪፖርት	-	12375	-	-	-	-	-
የጥቅም ሪፖርት	-	7015	-	-	-	-	-
የጥቅም ሪፖርት	-	827	-	-	-	-	-
የጥቅም ሪፖርት	-	130	-	-	-	-	-
የጥቅም ሪፖርት	-	396	-	-	-	-	-
የጥቅም ሪፖርት	-	277	-	-	-	-	-
የጥቅም ሪፖርት	-	538	-	-	-	-	-
የጥቅም ሪፖርት	-	74997	-	-	-	-	-
የጥቅም ሪፖርት	-	1324	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	73578	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	95	-	-	-	-	-
የጥቅም ሪፖርት	-	444905	-	-	-	-	-
የጥቅም ሪፖርት	-	410771	-	-	-	-	-
የጥቅም ሪፖርት	-	28015	-	-	-	-	-
የጥቅም ሪፖርት	-	6115	-	-	-	-	-
የጥቅም ሪፖርት	-	4	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	54340	4	2	-	-	-
የጥቅም ሪፖርት	-	54340	4	2	-	-	-
የጥቅም ሪፖርት	-	50382	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-
የጥቅም ሪፖርት	-	-	-	-	-	-	-

1. ስፔክትራል ኢንጅነሪንግ / Energy balance of Ukraine

(ገጽ 11)

የፖርታግል ስፔክትራል ኢንጅነሪንግ	የፖርታግል ስፔክትራል ኢንጅነሪንግ					
	ፖርታግል ስፔክትራል ኢንጅነሪንግ	ፖርታግል ስፔክትራል ኢንጅነሪንግ	ፖርታግል ስፔክትራል ኢንጅነሪንግ	ፖርታግል ስፔክትራል ኢንጅነሪንግ	ፖርታግል ስፔክትራል ኢንጅነሪንግ	ፖርታግል ስፔክትራል ኢንጅነሪንግ
ፖርታግል ስፔክትራል ኢንጅነሪንግ	411	731	-	680	444	655
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1119	1268	-	5422	273	1237
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-7	-	-193	-	-40
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-263
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-43	1	-	359	24	-14
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1487	1993	-	6268	741	1575
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-312
ፖርታግል ስፔክትራል ኢንጅነሪንግ	88	-30	-	-1119	-156	-330
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1	-	-	11	553	42
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	10	56	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1	-	-	-	469	23
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	28	19
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	7	2	1
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	1
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	4	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	2	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1573	1963	-	5131	30	890
ፖርታግል ስፔክትራል ኢንጅነሪንግ	8	-	-	326	9	26
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	61	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	2	-	7
ፖርታግል ስፔክትራል ኢንጅነሪንግ	4	-	-	1	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	2	2
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	3	-	10
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	4	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	162	-	2
ፖርታግል ስፔክትራል ኢንጅነሪንግ	2	-	-	24	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1	-	-	4	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1	-	-	60	6	3
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	2	1	2
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1487	1963	-	3588	9	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	1487	1963	-	3429	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	130	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	5	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	24	9	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	78	-	-	1216	9	14
ፖርታግል ስፔክትራል ኢንጅነሪንግ	50	-	-	-	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	7	-	-	107	8	13
ፖርታግል ስፔክትራል ኢንጅነሪንግ	21	-	-	1108	1	1
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	-
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	0
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	3	850
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	3	714
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	119
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	-	-	11
ፖርታግል ስፔክትራል ኢንጅነሪንግ	-	-	-	1	-	125

¹ ፖርታግል ስፔክትራል ኢንጅነሪንግ (ፖርታግል ስፔክትራል ኢንጅነሪንግ)፡

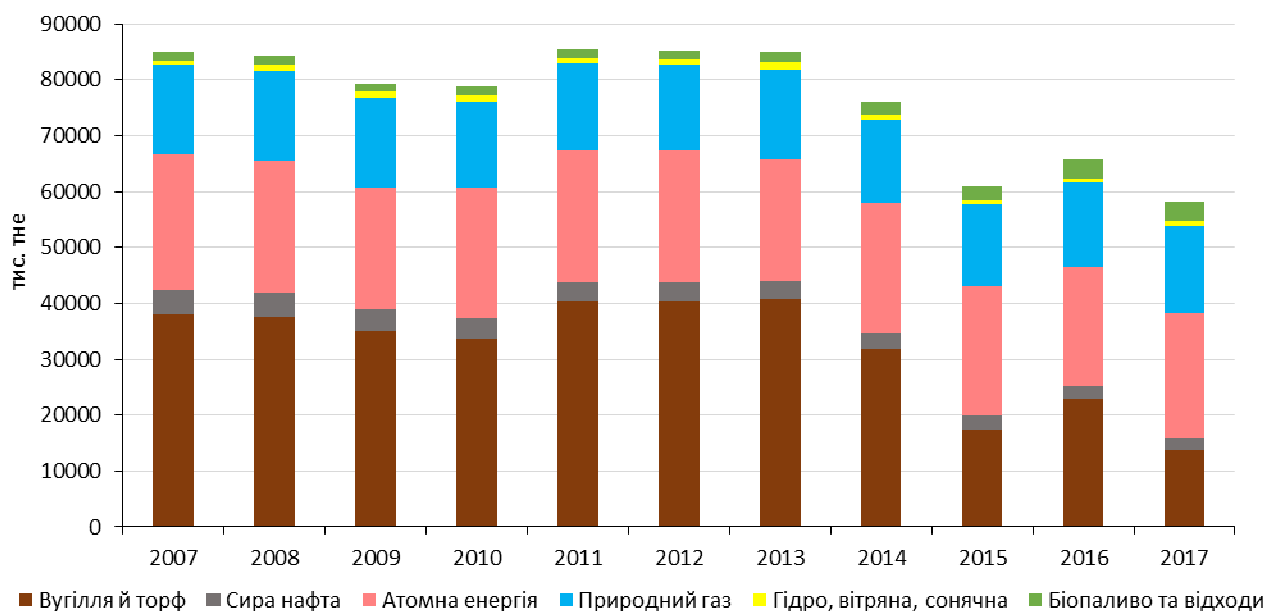
² ፖርታግል ስፔክትራል ኢንጅነሪንግ፡

1. [Energy balance of Ukraine](#)[illegible]
$$^1 \sqrt{\frac{1}{\pi} \int_0^\pi f(\theta) d\theta}$$

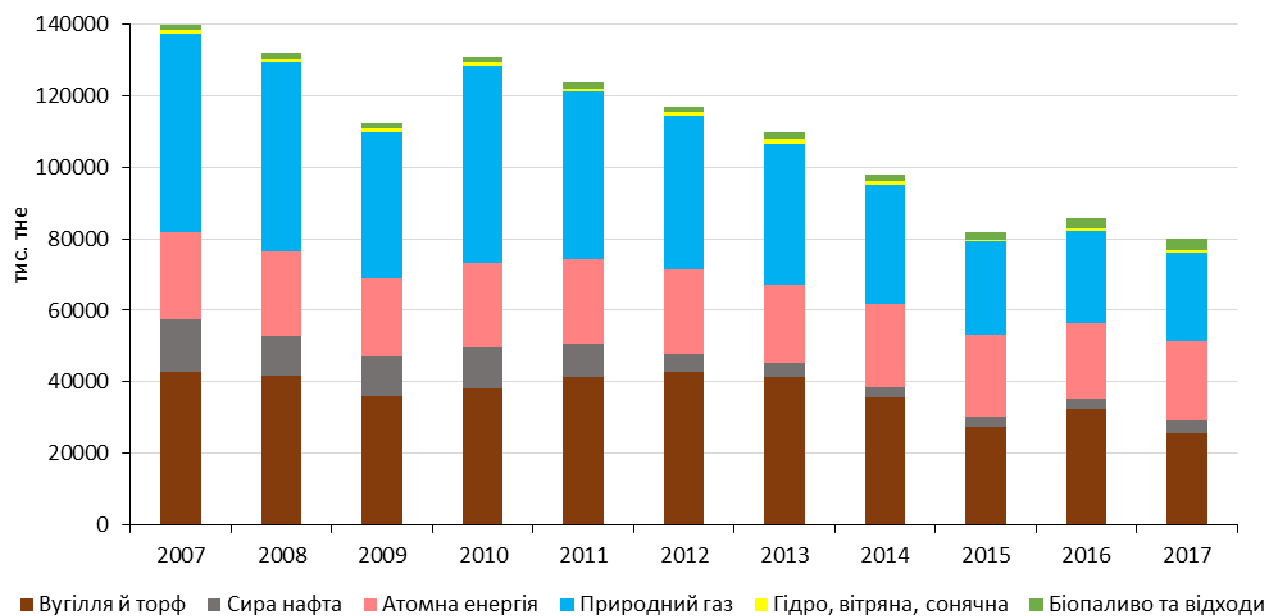
4

[illegible]

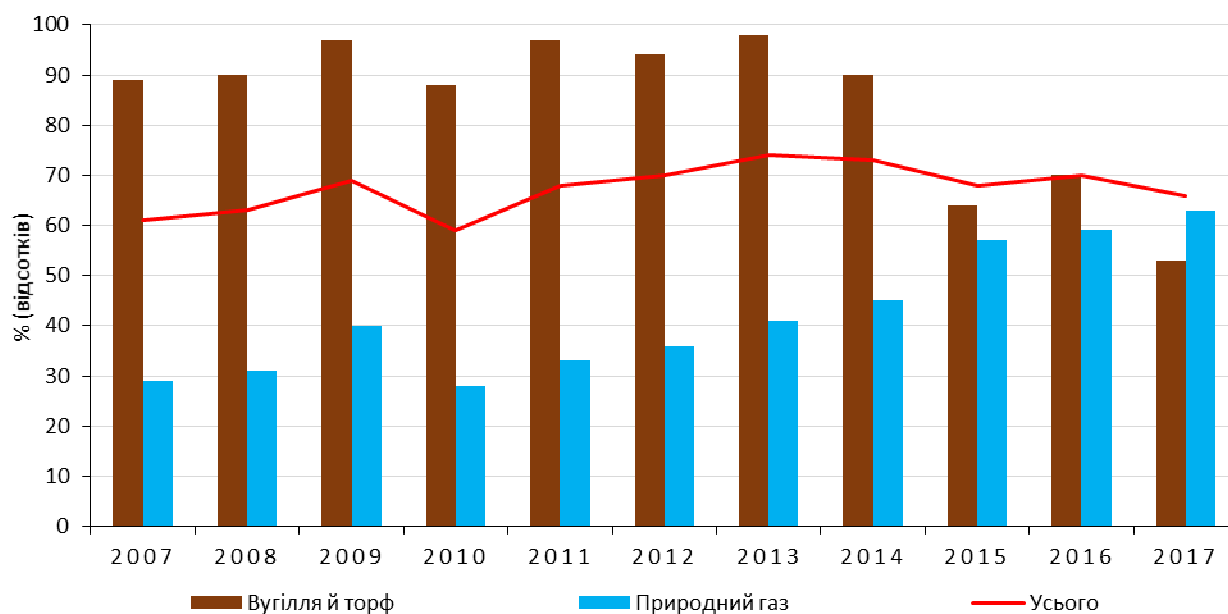
1.3. Total primary energy production by energy sources



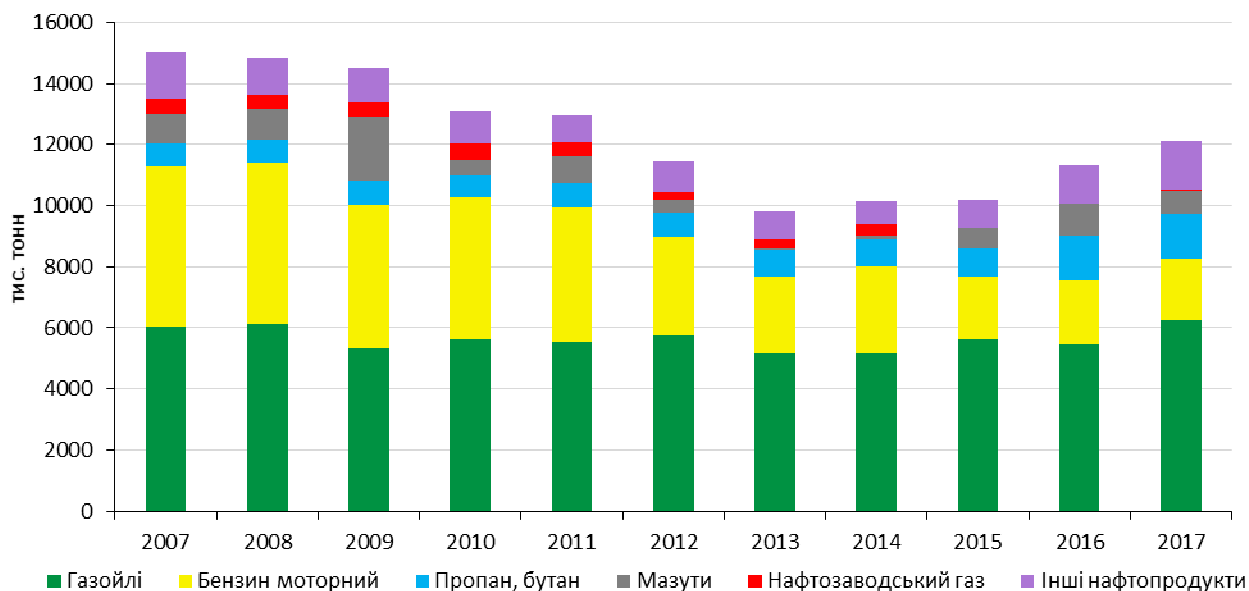
1.4. Total primary energy supply by the main energy sources



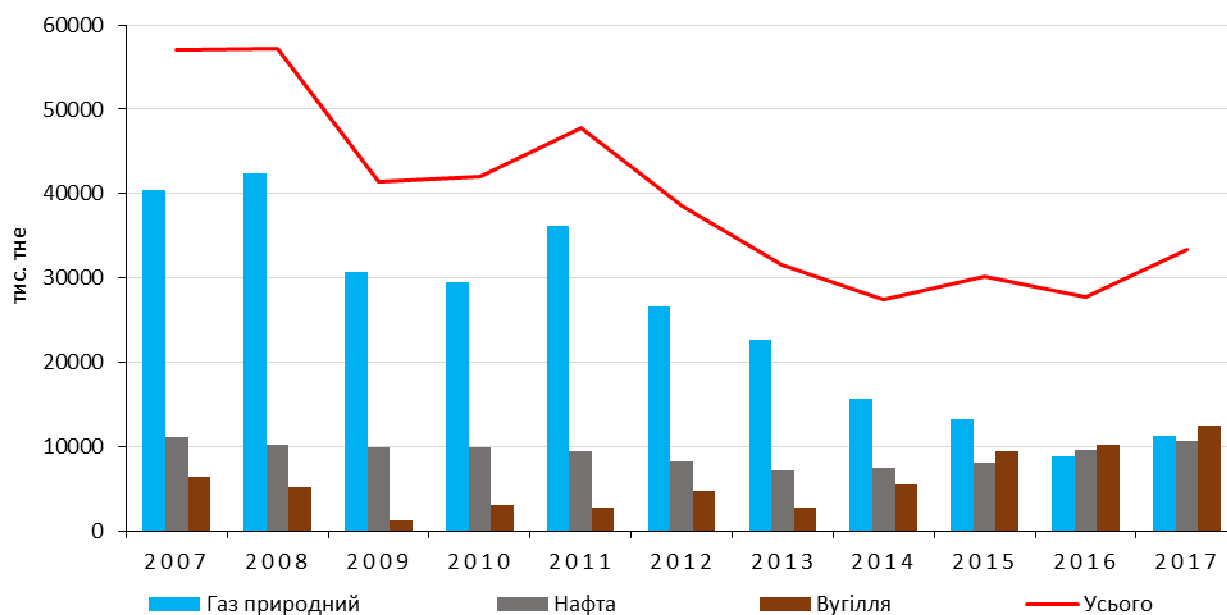
1.5. Shares of own production of energy resources in Ukraine



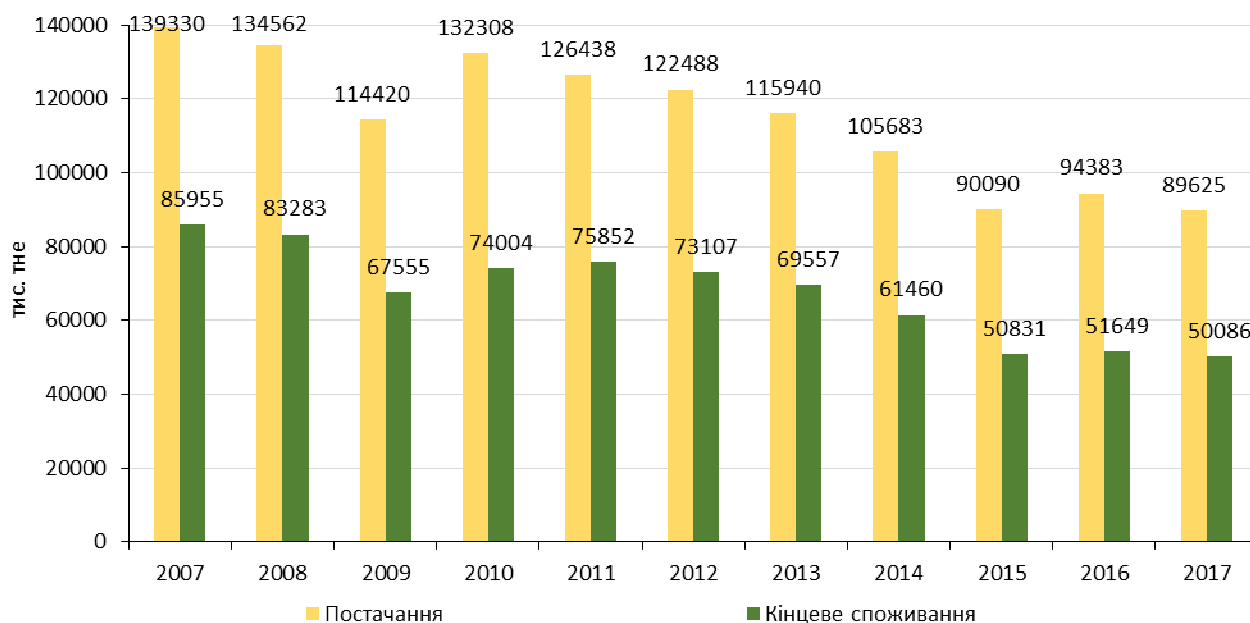
1.6. Total supply of oil products



1.7. Energy net import

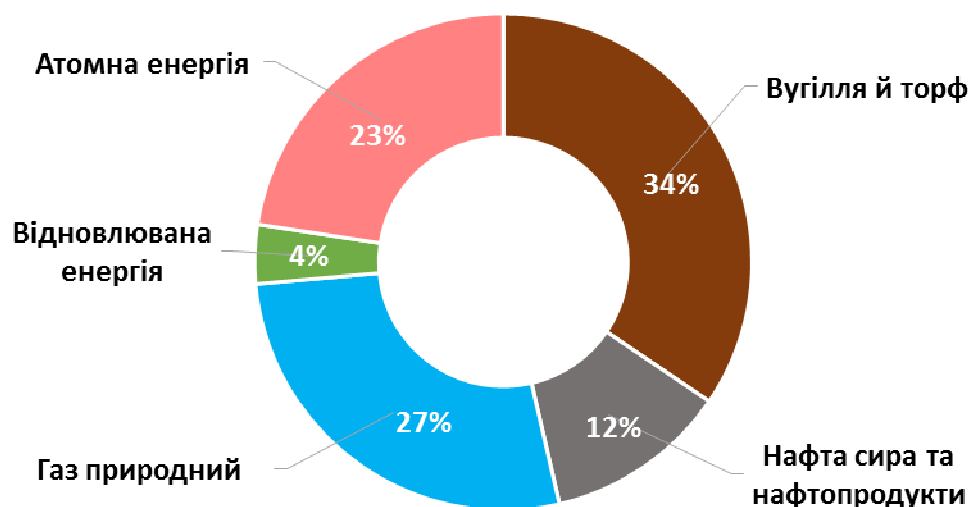


1.8. Energy supply and final consumption



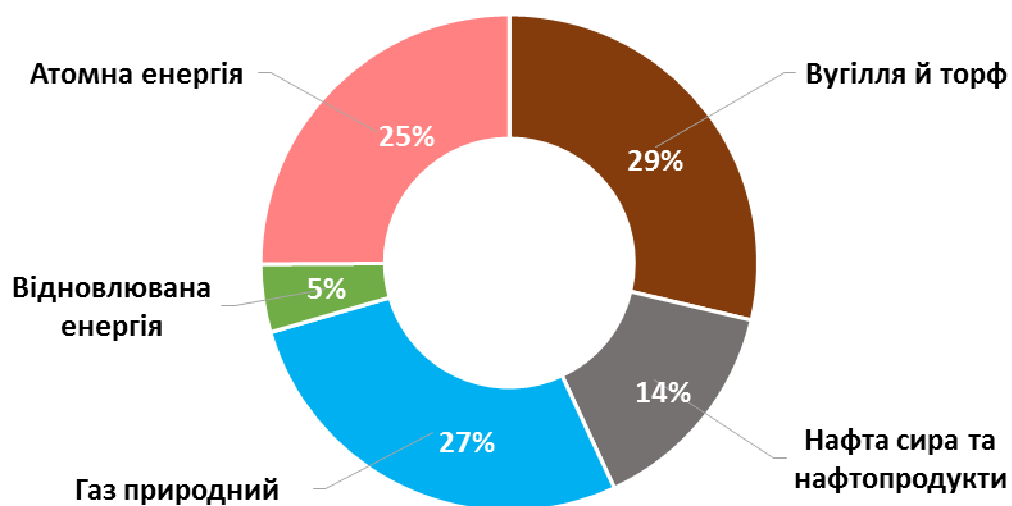
1.9. 2016

Total primary energy supply by energy sources 2016



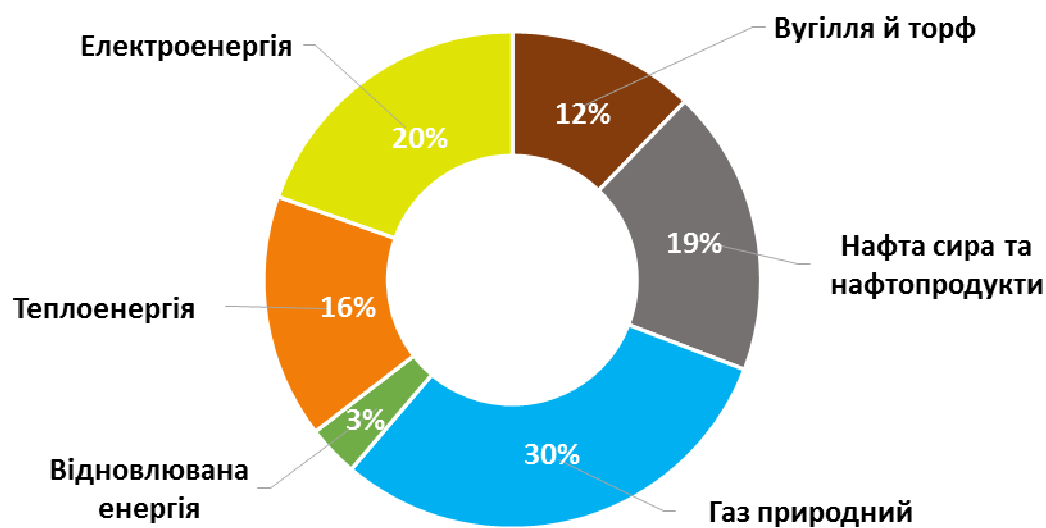
1.9. 2017

Total primary energy supply by energy sources 2017



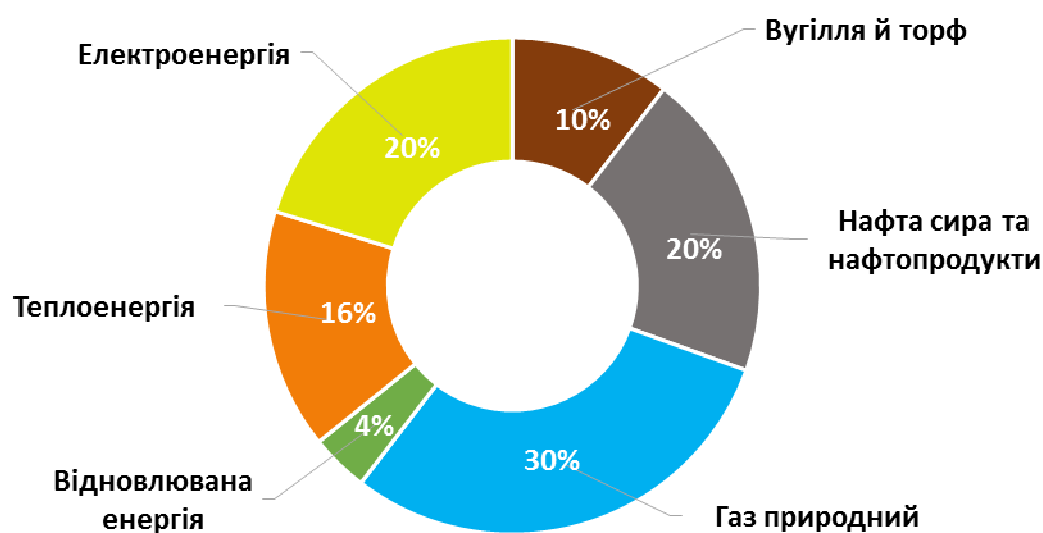
1.10. | 2016

Fuel and energy shares in total final consumption 2016



1.10. | 2017

Fuel and energy shares in total final consumption 2017



1.11. Output of coal of hard, by region

	(thsd. ton)	
	2016	2017
Ukraine	31630,3	24166,8
regions		
Volyn	/ c	/ c
Dnipropetrovsk	/ c	/ c
Donetsk	11852,3	8455,1
Luhansk	5348,3	254,0
Lviv	/ c	/ c

1.12. Output of crude oil including oil obtained from bituminous mineral, by region

	(thsd. ton)	
	2016	2017
Ukraine	1622,6	1505,4
regions		
Dnipropetrovsk	/ c	/ c
Ivano-Frankivsk	278,7	332,4
Luhansk	/ c	/ c
Lviv	134,0	138,3
Poltava	158,4	141,8
Sumy	718,6	573,5
Kharkiv	39,1	43,8
Chernivtsi	/ c	/ c
Chernihiv	/ c	/ c

1.13. Output of natural gas liquids obtained from natural gas fields, by region

	(thsd. ton)	
	2016	2017
Ukraine	649,5	664,5
regions		
Dnipropetrovsk	/ c	/ c
Ivano-Frankivsk	1,6	1,5
Luhansk	/ c	/ c
Poltava	417,9	409,5
Sumy	24,7	17,1
Kharkiv	187,4	221,7
Chernihiv	/ c	/ c

Ukraine's natural gas liquids output is significantly higher than that of any other region, with Sumy and Poltava being the next highest producers.

c - Data are not published in order to ensure compliance with the requirements of the Law of Ukraine On the State Statistics regarding confidentiality of statistical information.

1.14. Output of natural gas, liquified or gaseous, by region

	(mln. m ³)	
	2016	2017
Ukraine	20047,2	20510,0
<i>regions</i>		
Volyn	/ c	/ c
Dnipropetrovsk	544,9	551,9
Donetsk	/ c	/ c
Zakarpattia	/ c	/ c
Ivano-Frankivsk	406,7	432,0
Luhansk	/ c	/ c
Lviv	625,5	670,1
Poltava	8708,7	8929,3
Sumy	431,9	291,9
Kharkiv	8999,3	9363,1
Kherson	/ c	/ c
Chernivtsi	14,0	7,3
Chernihiv	41,9	/ c

c - Data are not published in order to ensure compliance with the requirements of the Law of Ukraine On the State Statistics regarding confidentiality of statistical information.

1.15. Output of electricity, by type of power plants

	(mln. kW·h)	
	2016	2017
Ukraine	164572,9	155972,9
<i>including</i>		
heat power plants	72875,1	58218,1
nuclear power plants	80950,0	85576,2
hydro power plants	9303,2	10519,4
wind power plants	953,8	983,4
solar power plants	490,8	675,8

1.16. / Output of electricity, by region

	(in  / mln.kW.h)	
	2016	2017
 / Ukraine	164572,9	155972,9
 regions		
 / Vinnytsya	4263,1	5429,0
 / Volyn	63,3	92,8
 / Dnipropetrovsk	9231,0	5634,4
 / Donetsk	23672,1	14239,0
 / Zhytomyr	/ c	/ c
 / Zakarpattia	145,8	170,8
 / Zaporizhzhya	39688,0	44670,1
 / Ivano-Frankivsk	8901,1	9349,0
 / Kyiv	4323,9	2366,0
 / Kirovohrad	1158,9	1276,3
 / Luhansk	3750,7	2844,9
 / Lviv	3017,5	3378,2
 / Mykolayiv	18127,9	18569,8
 / Odesa	449,2	400,2
 / Poltava	850,8	800,8
 / Rivne	17553,4	19841,2
 / Sumy	346,0	246,2
 / Ternopil	36,3	69,7
 / Kharkiv	4272,5	2864,7
 / Kherson	1286,1	1430,2
 / Khmelnytskiy	15066,5	13504,5
 / Cherkasy	1628,6	1768,6
 / Chernivtsi	1792,3	1991,6
 / Chernihiv	959,9	923,5
 / city		
 / Kyiv city	/ c	/ c

 - Data are not published in order to ensure compliance with the requirements of the Law of Ukraine On the State Statistics regarding confidentiality of statistical information.

1.17. Generating Sources Distribution of Electricity by Regions : 2017 / Generating Sources Distribution of Electricity by Regions : 2017

(thnd.kW)

	/ Heating energy distribution - total	/ electricity plants others	
Ukraine	144883051	144778607	104444
regions			
Vinnitsya	5006165	5005476	689
Volyn	91400	91400	0
Dnipropetrovsk	4922395	4922238	157
Donetsk	12738116	12738116	0
Zhytomyr	21905	18404	3501
Zakarpattia	234087	233067	1020
Zaporizhzhya	42047145	42037675	9470
Ivano-Frankivsk	8353738	8353710	28
Kyiv	2232775	2207178	25597
Kirovohrad	1268970	1268953	17
Luhansk	2465218	2464358	860
Lviv	3143336	3143312	24
Mykolayiv	17455118	17454217	901
Odesa	360148	359639	509
Poltava	695035	673669	21366
Rivne	18364773	18363190	1583
Sumy	221766	221765	1
Ternopil	67859	67820	39
Kharkiv	2521605	2509878	11727
Kherson	1354491	1351442	3049
Khmelnyskiy	12833307	12833280	27
Cherkasy	1594889	1594889	0
Chernivtsi	1951117	1951063	54
Chernihiv	818531	818497	34
city			
Kyiv city	4119162	4095371	23791

1.18. Generating Sources Distribution of Heating Energy by Regions : 2017 /
Generating Sources Distribution of Heating Energy by Regions : 2017

(Gcal)

	Heating energy distribution - total	electricity plants	heat plants	/ others
Ukraine	93292785	36437969	55837200	1017616
regions				
Vinnitsya	3069341	902383	2152810	14148
Volyn	1537769	201276	1335845	648
Dnipropetrovsk	11182432	4404412	6604973	173047
Donetsk	7662027	3842483	3765572	53972
Zhytomyr	1986664	114414	1866041	6209
Zakarpattia	509603	75319	417054	17230
Zaporizhzhya	4928205	1672264	3233530	22411
Ivano-Frankivsk	2098963	816234	1240439	42290
Kyiv	3765197	1045646	2713160	6391
Kirovohrad	1499545	420644	1035896	43005
Luhansk	1824339	849246	973080	2013
Lviv	4030096	1439667	2579138	11291
Mykolayiv	4450475	3156771	1282959	10745
Odesa	2942886	420213	2482137	40536
Poltava	4582704	1900740	2660461	21503
Rivne	2115210	790424	1286276	38510
Sumy	2462586	1045561	1405440	11585
Ternopil	1292695	332841	946843	13011
Kharkiv	9088188	3172717	5857761	57710
Kherson	1067762	283798	777715	6249
Khmelnyskiy	2366081	858885	1500422	6774
Cherkasy	3232825	1375170	1710486	147169
Chernivtsi	555477	0	549386	6091
Chernihiv	1832491	522195	1275634	34662
city				
Kyiv city	13209224	6794666	6184142	230416

1.19. Capacity of power plants by region in 2017

	Power plants capacity, thsd.kW	Heat capacity, Gcal/h
Ukraine	52886	131980
<i>regions</i>		
Vinnitsya	2011	3008
Volyn	26	1559
Dnipropetrovsk	5621	20669
Donetsk	6704	12081
Zhytomyr	37	2405
Zakarpattia	86	86
Zaporizhzhya	11508	6708
Ivano-Frankivsk	2659	10632
Kyiv	2795	5162
Kirovohrad	696	2849
Luhansk	2277	10089
Lviv	759	4722
Mykolayiv	3739	3022
Odesa	293	3504
Poltava	420	5130
Rivne	2890	2874
Sumy	201	3644
Ternopil	66	1856
Kharkiv	3066	8945
Kherson	517	1351
Khmelnytskyi	2105	2817
Cherkasy	722	4197
Chernivtsi	1741	1234
Chernihiv	231	1906
<i>city</i>		
Kyiv city	1712	11530

1.20. Setted Capacity of generating power plants by the types of power plants in 2017

Types of generating enterprises	Power plants capacity, thsd.kW	Power plants capacity, Gcal/h
Total	52886	131980
including		
heat power plants	25514	4953
combined heat and power plants	5561	31363
nuclear power plants	13835	2596
hydro power plants	6213	-
heat plants	-	87141
utilization units	39	4216
other power plants	1723	1711
of which		
wind power plants	649	-
solar power plants	722	-

1.21. Використання електроенергії в Україні / Electricity use in 2017

(тис. кВт·год / thsd.kW·h)

Вид діяльності / Economic activities	Всього / Total electricity use	включая / including				Потери в энергетической сети / electricity losses in grid system
		Производство товаров (работ) / Production of goods (works)	Собственное использование энергетических предприятий (единиц) / own use of energy generation enterprises (units)	Электричество, используемое для гидроперекачки / electricity used for pumped hydro	Электричество, используемое для охлаждения / electricity used for cooling	
Всего / Total	89568378	61146638	12837352	2167038	444965	10044668
Промышленность и строительство / Industry and construction	2424727	2184003	16102	0	18370	2960
Транспорт / Transport	67365227	50132525	12759145	2167038	336748	9971586
Сельское хозяйство, охота и рыболовство / Agriculture, hunting and fishing	12121353	11977573	5094	0	1110	9554
Энергетика / Energy	2044146	2021683	2085	0	0	404
Общественное питание, торговля розничная, торговля оптовая, ремонт автотранспорта / Accommodation and food service activities, retail trade, wholesale trade, repair of motor vehicles	419281	382105	1252	0	0	587
Государственное управление / Government administration	210288	203841	1327	0	0	949
Образование / Education	8953935	8904212	0	0	0	947
Здравоохранение и человеческие услуги / Health and social work	472560	452769	430	0	1110	6444
Искусство, культура и рекреация / Arts, culture and recreation	36267993	34036680	717145	0	335638	199610
Жилищное хозяйство / Housing	3601270	3210771	53950	0	178733	9973
Сфера услуг / Services	401712	335459	905	0	44838	888
Сельское хозяйство, охота и рыболовство / Agriculture, hunting and fishing	76741	69058	14	0	0	0
Государственное управление / Government administration	170222	156346	130	0	0	916
Образование / Education	111086	95728	394	0	0	68
Здравоохранение и человеческие услуги / Health and social work	70548	59361	205	0	0	59
Искусство, культура и рекреация / Arts, culture and recreation	691603	660225	295	0	0	810

1.21 / Continuation of the table 1.21

		including				
√  Economic activities	 Total electricity use	 Production of goods (works)	 own use of energy generation enterprises (units)	 electricity used for pumped hydro	 electricity used for cooling	 electricity losses in grid system
	868772	807668	28637	0	0	4323
	123286	95293	19	0	0	16
	851035	750816	60863	0	9325	14824
	2381067	2151941	57130	0	55561	24457
	160939	106154	294	0	8383	31
	711760	632083	1063	0	1712	312
	2248897	2160268	3050	0	5383	2431
	19122278	18418942	473083	0	27579	95456
	632188	581179	466	0	2810	3955
	162136	119725	3651	0	229	506
	532971	498352	9639	0	40	234
	1889163	1803562	5106	0	222	29966

1.21 / Continuation of the table 1.21

		including				
Economic activities	Total electricity use	Production of goods (works)	own use of energy generation enterprises (units)	electricity used for pumped hydro	electricity used for cooling	electricity losses in grid system
	200341	182298	180	0	176	32
	621588	563557	17886	0	207	634
	187066	168661	9	0	0	145
	16240222	1479032	12032909	2167038	0	9758769
	14559505	311492	11574468	2167038	0	9751135
	43304	27481	60	0	0	49
	1637413	1140059	458381	0	0	7585
	2735659	2639240	3997	0	0	3653
	484804	299826	1065	0	127	431
	2419352	578070	4246	0	51431	1362
	7060837	5150314	28091	0	4317	50248
	342287	51477	199	0	482	69

1.21 / Continuation of the table 1.21

Economic activities	Total electricity use	including				electricity losses in grid system
		Production of goods (works)	own use of energy generation enterprises (units)	electricity used for pumped hydro	electricity used for cooling	
Electricity production	656016	214870	256	0	100	153
Electricity supply	183378	44310	107	0	0	0
Electricity consumption	2818161	919879	2444	0	28683	4065
Electricity consumption in the industrial sector	1069173	764234	9454	0	4131	3010
Electricity consumption in the construction sector	910389	168953	1224	0	570	7595
Electricity consumption in the transport sector	1983714	499698	9510	0	0	874
Electricity consumption in the services sector	835114	39690	2662	0	0	523
Electricity consumption in the residential sector	839299	56959	2280	0	0	1540
Electricity consumption in the agriculture sector	123212	20176	507	0	0	235
Electricity consumption in the other sector	52688	21654	60	0	6	17

1.22. Використання теплової енергії в 2017 році / Heat use in 2017

(млн т / Gcal)

Вид діяльності / Economic activities	Всього / Total heat use	включая / including		Потери в сетях / Heat losses in the networks
		производства товаров (работ) / production of goods (works)	собственного использования энергетических предприятий / own use of energy generating (enterprises units)	
Всего / Total	58927609	34280991	10482361	9435917
Промышленность и строительство / Industry and construction	2177412	1937408	7681	1440
Транспорт / Transport	41927489	29448978	10411664	9400033
Энергетика / Energy	2169769	2034744	17543	7627
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	791323	754420	5084	5061
Жилищно-коммунальное хозяйство / Housing and communal services	210594	151122	9735	2566
Сфера услуг / Services	306318	300224	1364	0
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	639561	622883	1360	0
Энергетика / Energy	202047	191074	0	0
Транспорт / Transport	35998933	26081755	8328507	751672
Промышленность и строительство / Industry and construction	7617821	7073576	269024	23002
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	520372	455731	5541	1067
Энергетика / Energy	50885	36205	0	0
Сфера услуг / Services	87903	84834	87	2
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	56230	39614	115	4
Энергетика / Energy	39612	35801	0	33
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	959673	895861	10368	637
Сфера услуг / Services	1356784	1279683	54615	176
Сельское хозяйство, охота и лесное хозяйство / Agriculture, hunting and forestry	28723	13863	327	0

1.22 / Continuation of the table 1.22

Economic activities	Total heat use	including		Heat losses in the networks
		production of goods (works)	own use of energy generating (enterprises units)	
Electricity production	3471541	2890418	518841	2
Heat production	4372634	3923231	222667	229194
Heat production in the power plants	171549	120902	315	83
Heat production in the industrial enterprises	222989	183942	0	2
Heat production in the residential buildings	709222	624539	5873	1080
Heat production in the district heating systems	14765070	7132416	7204403	422448
Heat production in the industrial enterprises	200472	120759	0	293
Heat production in the district heating systems	57918	42685	324	0
Heat production in the industrial enterprises	226821	191774	19257	364
Heat production in the district heating systems	422645	371383	6685	68705
Heat production in the industrial enterprises	54517	43944	0	0
Heat production in the district heating systems	423746	373070	9764	4580
Heat production in the industrial enterprises	55555	42829	0	0
Heat production in the district heating systems	3235946	889446	2063569	8589442
Heat production in the district heating systems	1628903	148216	1352967	3518945
Heat production in the district heating systems	113030	62343	0	0

1.22 / Continuation of the table 1.22

Economic activities	Total heat use	including		Heat losses in the networks
		production of goods (works)	own use of energy generating (enterprises units)	
Виробництво електроенергії, теплової енергії, парової та водної енергії	1494013	678887	710602	5070497
Виробництво електроенергії, теплової енергії, парової та водної енергії	522841	443033	2045	51292
Виробництво електроенергії, теплової енергії, парової та водної енергії	267980	162272	293	801
Виробництво електроенергії, теплової енергії, парової та водної енергії	629833	431180	3765	20
Виробництво електроенергії, теплової енергії, парової та водної енергії	1440735	953799	40169	9326
Виробництво електроенергії, теплової енергії, парової та водної енергії	155054	46688	668	1348
Виробництво електроенергії, теплової енергії, парової та водної енергії	165855	62483	0	44
Виробництво електроенергії, теплової енергії, парової та водної енергії	114684	47276	4120	0
Виробництво електроенергії, теплової енергії, парової та водної енергії	750550	225421	23	129
Виробництво електроенергії, теплової енергії, парової та водної енергії	599604	215205	1030	9027
Виробництво електроенергії, теплової енергії, парової та водної енергії	245099	90351	97	1008
Виробництво електроенергії, теплової енергії, парової та водної енергії	5297134	334828	8759	5858
Виробництво електроенергії, теплової енергії, парової та водної енергії	2633681	137416	2925	6008
Виробництво електроенергії, теплової енергії, парової та водної енергії	2305057	161393	1167	778
Виробництво електроенергії, теплової енергії, парової та водної енергії	194225	21390	0	96
Виробництво електроенергії, теплової енергії, парової та водної енергії	23217	4903	0	1

2. 

2. The main ways of fuel use

2.1. [Ukraine: 2016 / Ukraine: 2016

	Unit	Total	including			
			transformation into other types of fuel and energy	non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	48670480 / 36502860	44742170 / 33556628	163063 / 122297	3762574 / 2821931	2673 / 2005
Brown coal	t / tsc	9821 / 2887	8629 / 2537	425 / 125	768 / 226	- / -
Conventional crude oil	t / tsc	153117 / 218957	140022 / 200231	3388 / 4845	2866 / 4098	6841 / 9783
Natural gas liquids (NGL)	t / tsc	548008 / 783651	543726 / 777528	2175 / 3110	2106 / 3012	- / -
Natural gas	thsd. m³ / tsc	31955940 / 37068890	10978263 / 12734785	2296259 / 2663660	18081634 / 20974695	599784 / 695749
Peat	t / tsc	454257 / 150813	394098 / 130841	128 / 42	58026 / 19265	2005 / 666
Fuelwood	density, m³ / tsc	3762757 / 997131	1456853 / 386066	25308 / 6707	2280596 / 604358	- / -
Coal coke and coke breeze; gas coke	t / tsc	13204149 / 12847637	4518947 / 4396935	493515 / 480190	8160659 / 7940321	31028 / 30190
Motor gasoline	t / tsc	2210557 / 3293730	80 / 119	211 / 314	2210147 / 3293119	120 / 179
Road diesel	t / tsc	4870370 / 7062037	8201 / 11891	1400 / 2030	4860636 / 7047922	132 / 191
Kerosene	t / tsc	182358 / 268066	- / -	1260 / 1852	181099 / 266216	- / -
Heavy fuel oil	t / tsc	669344 / 917001	634798 / 869673	3520 / 4822	31026 / 42506	- / -
Liquefied petroleum gases (LPG)	t / tsc	773200 / 1213924	576 / 904	408 / 641	771694 / 1211560	523 / 821
Ethylene, propylene, butylene, butadiene other refinery gas and other hydrocarbons, excluding natural gas	t / tsc	21952 / 32708	- / -	13 / 19	21939 / 32689	- / -

2.1 / Continuation of the table 2.1

	Unit	Total	including			
			transformation into other types of fuel and energy	non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, oil waxes etc	t / tsc	388 / 574	-	345 / 510	43 / 64	-
Hard coal briquettes	t / tsc	5726 / 3378	3986 / 2352	-	1739 / 1026	-
Brown coal briquettes (BKB)	t / tsc	579 / 327	509 / 287	-	69 / 39	-
Peat briquettes	t / tsc	188123 / 94062	99341 / 49671	-	87813 / 43907	970 / 485
Oil bitumen (including shale)	t / tsc	249670 / 337055	-	223722 / 302025	25948 / 35030	-
Petroleum coke (including shale)	t / tsc	26569 / 28695	708 / 765	25852 / 27920	9 / 10	-
Lubricants and heavy oil distillates	t / tsc	190771 / 261356	361 / 495	186809 / 255928	3600 / 4932	2 / 3
Fuel briquettes and pellets made of wood and other natural materials	t / tsc	333922 / 191337	225995 / 129495	61278 / 35112	46649 / 26730	-
Coke oven gas	thsd. m³ / tsc	3727712 / 2128524	898081 / 512804	-	2829630 / 1615719	-
Blast furnace gas	thsd. m³ / tsc	29094354 / 4247776	9701769 / 1416458	50432 / 7363	19094490 / 2787796	247663 / 36159

2.1. Ukraine: 2017

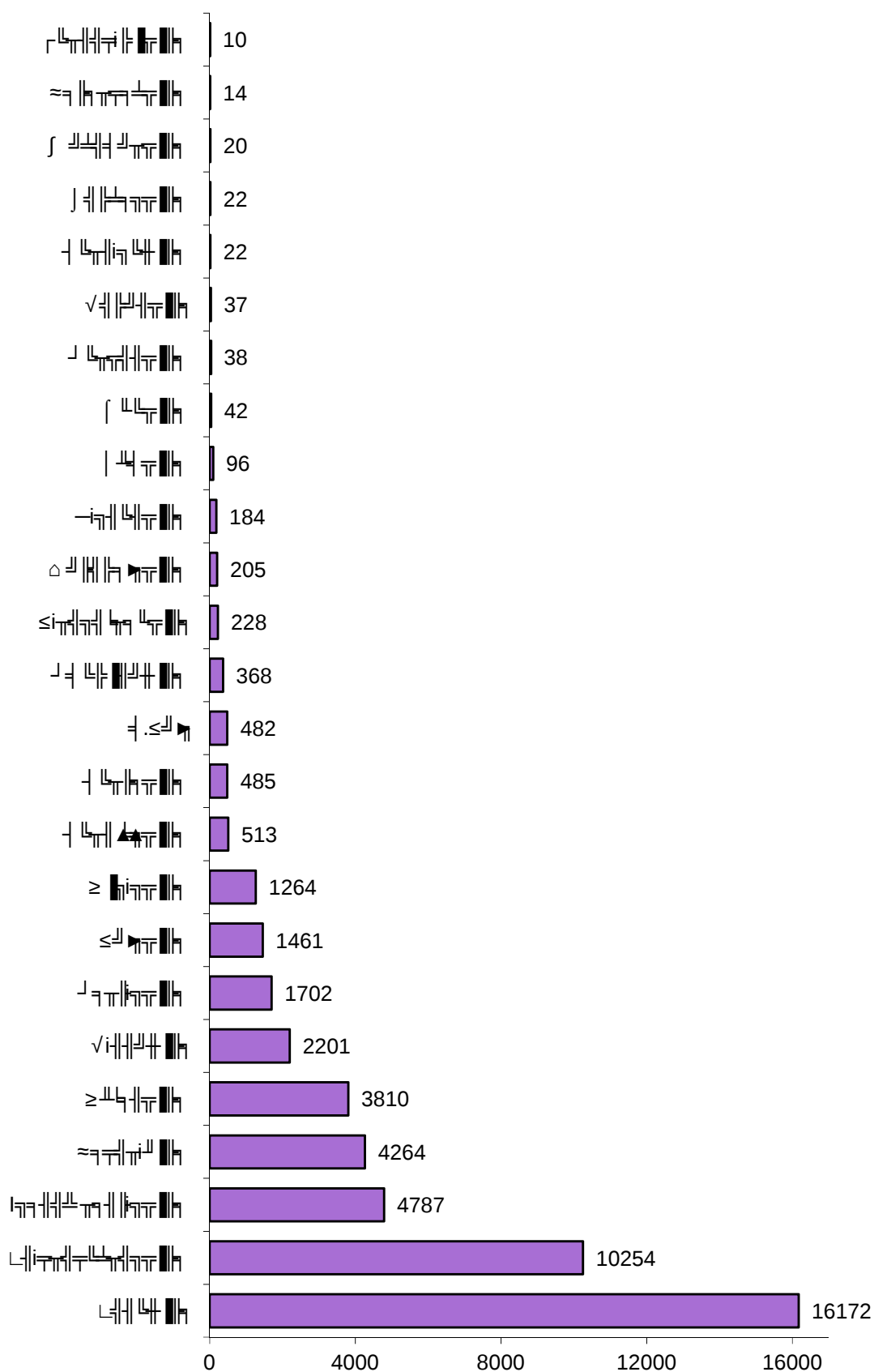
	Unit	Total	including			
			transformation into other types of fuel and energy	non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	42664247 / 31998185	38943601 / 29207701	186960 / 140220	3529904 / 2647428	3782 / 2837
Brown coal	t / tsc	5498 / 1616	4310 / 1267	752 / 221	437 / 128	- / -
Conventional crude oil	t / tsc	150638 / 215412	136166 / 194717	4297 / 6145	3403 / 4866	6772 / 9684
Natural gas liquids (NGL)	t / tsc	527937 / 754950	522872 / 747707	1765 / 2524	3131 / 4477	169 / 242
Natural gas	thsd. m ³ / tsc	31501541 / 36541788	10371656 / 12031121	1483715 / 1721109	18996810 / 22036300	649360 / 753258
Peat	t / tsc	479772 / 159284	437819 / 145356	426 / 141	41528 / 13787	- / -
Fuelwood	density, m ³ / tsc	3932365 / 1042077	1602795 / 424741	20802 / 5513	2308769 / 611824	- / -
Coal coke and coke breeze; gas coke	t / tsc	11641241 / 11326927	4779802 / 4650747	492108 / 478821	6369330 / 6197358	1 / 1
Motor gasoline	t / tsc	1985881 / 2958963	153 / 228	126 / 188	1985524 / 2958431	78 / 116
Road diesel	t / tsc	5148565 / 7465419	11096 / 16089	1138 / 1650	5136055 / 7447280	277 / 402
Kerosene	t / tsc	255081 / 374969	- / -	1175 / 1727	253906 / 373242	- / -
Heavy fuel oil	t / tsc	584778 / 801146	552707 / 757209	3460 / 4740	28611 / 39197	- / -
Liquefied petroleum gases (LPG)	t / tsc	896119 / 1406907	581 / 912	379 / 595	894660 / 1404616	498 / 782
Ethylene, propylene, butylene, butadiene other refinery gas and other hydrocarbons, excluding natural gas	t / tsc	25096 / 37393	- / -	10 / 15	25086 / 37378	- / -

2.1 / Continuation of the table 2.1

	[Hebrew text] / Unit	[Hebrew text] / Total	[Hebrew text] including			
			[Hebrew text] / transformation into other types of fuel and energy	[Hebrew text] / non-energy use (raw material)	[Hebrew text] / final consumption	[Hebrew text] / transportation, distribution and storage losses
[Hebrew text] / Oil vaseline, paraffin, oil waxes etc	[Hebrew text] / t [Hebrew text] / tsc	251 371	- -	172 254	79 117	- -
[Hebrew text] / Hard coal briquettes	[Hebrew text] / t [Hebrew text] / tsc	6493 3831	4643 2739	- -	1851 1092	- -
[Hebrew text] / Brown coal briquettes (BKB)	[Hebrew text] / t [Hebrew text] / tsc	389 219	339 191	- -	50 28	- -
[Hebrew text] / Peat briquettes	[Hebrew text] / t [Hebrew text] / tsc	216435 108218	93057 46529	- -	122580 61290	799 400
[Hebrew text] / Oil bitumen (including shale)	[Hebrew text] / t [Hebrew text] / tsc	280382 378516	- -	239706 323603	40676 54913	- -
[Hebrew text] / Petroleum coke (including shale)	[Hebrew text] / t [Hebrew text] / tsc	34689 37464	795 859	33884 36595	9 10	- -
[Hebrew text] / Lubricants and heavy oil distillates	[Hebrew text] / t [Hebrew text] / tsc	220909 302645	390 534	217445 297900	3069 4205	5 7
[Hebrew text] / Fuel briquettes and pellets made of wood and other natural materials	[Hebrew text] / t [Hebrew text] / tsc	374727 214719	269022 154150	36454 20888	69251 39681	- -
[Hebrew text] / Coke oven gas	[Hebrew text] / thsd. m³ [Hebrew text] / tsc	3909030 2232056	1647807 940898	4855 2772	2256368 1288386	- -
[Hebrew text] / Blast furnace gas	[Hebrew text] / thsd. m³ [Hebrew text] / tsc	24978982 3646931	9497753 1386672	102861 15018	15366018 2243439	12349 1803

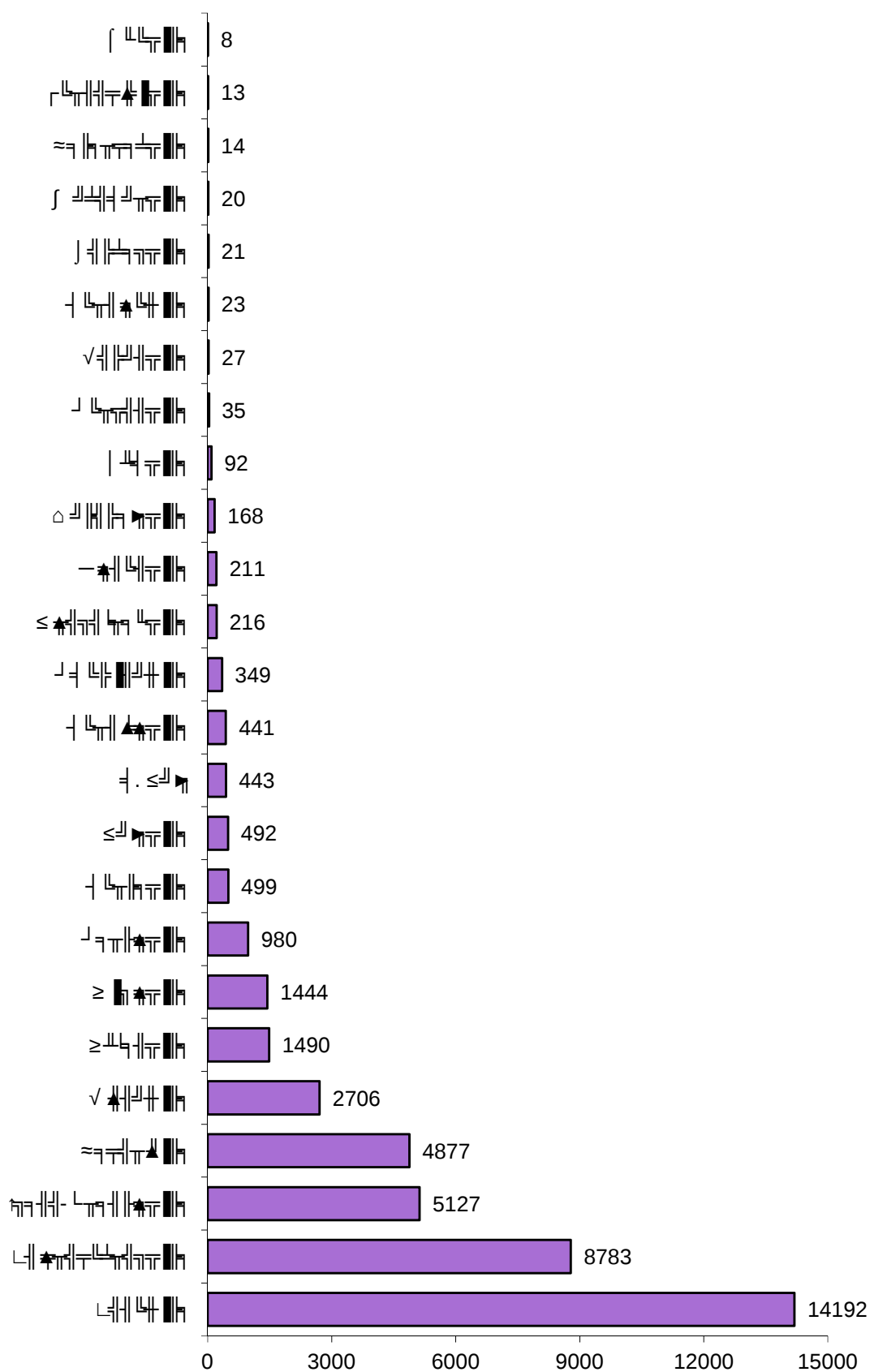
2.2. Coal consumption by Regions : 2016 / Coal | consumption by Regions

(thousand ton)



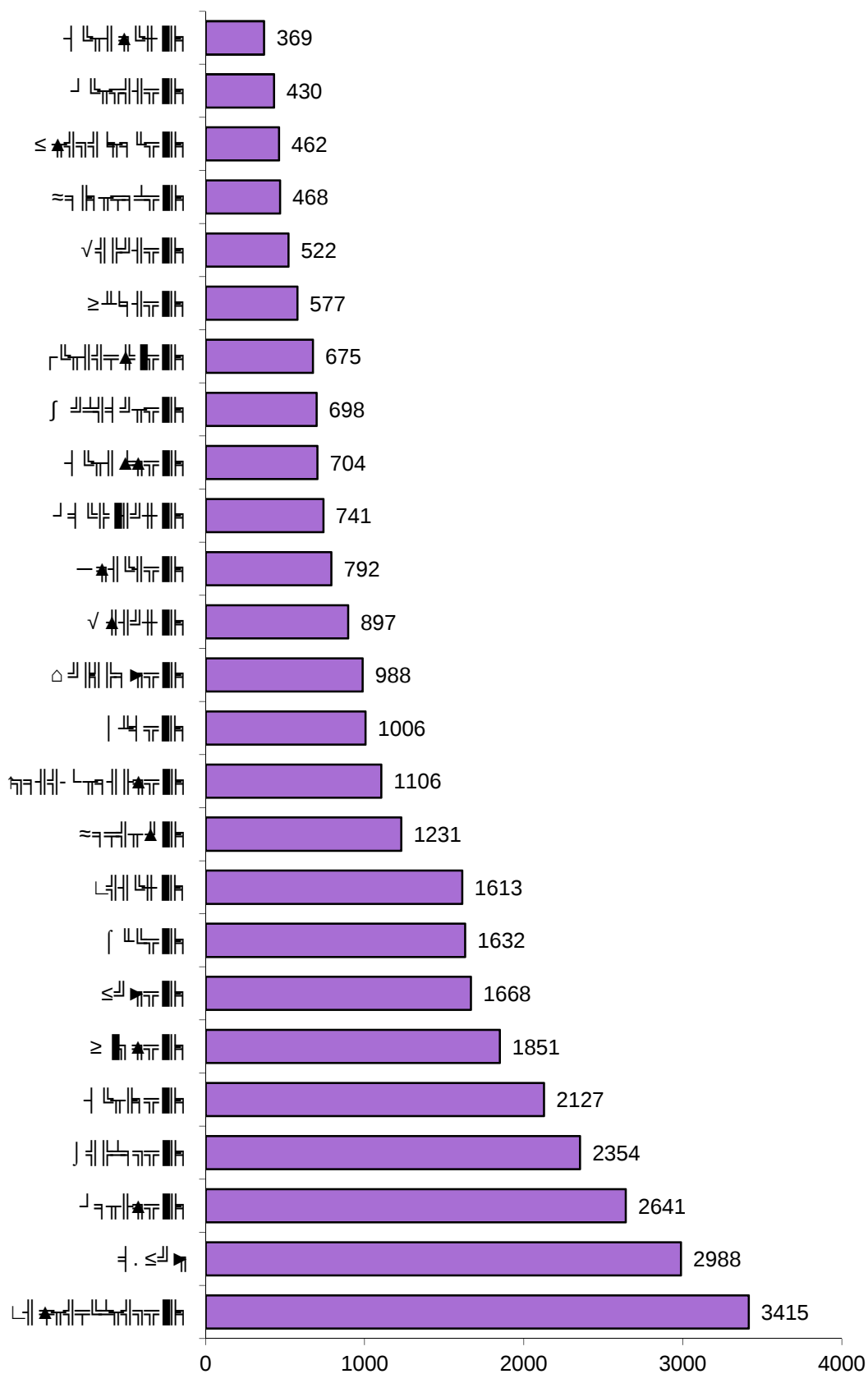
2.2. Coal consumption by Regions : 2017 / Coal | consumption by Regions

(thousand ton)



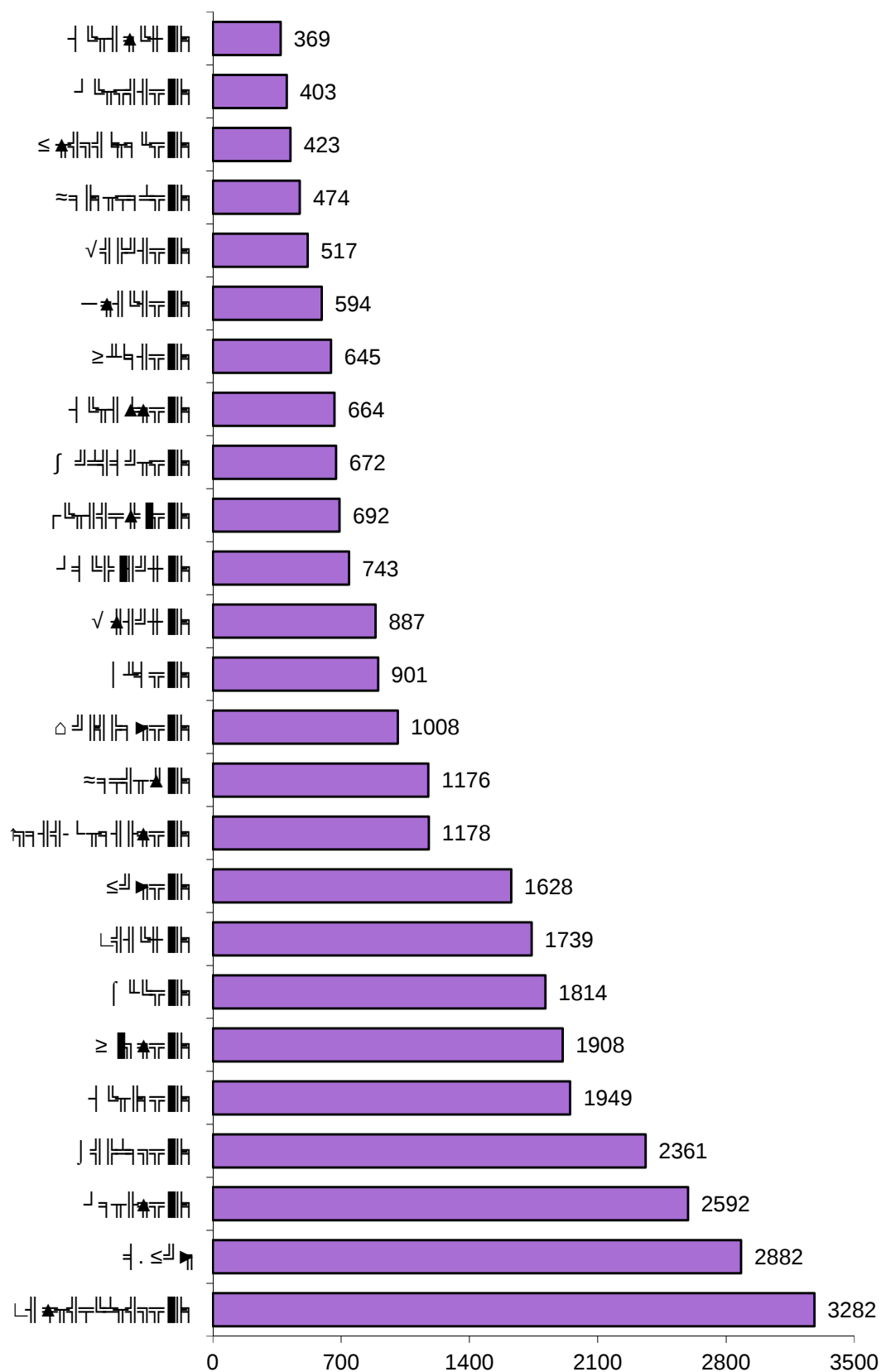
2.3. Natural Gas consumption by Regions : 2016 /

($\text{m}^3 / \text{mln.m}^3$)



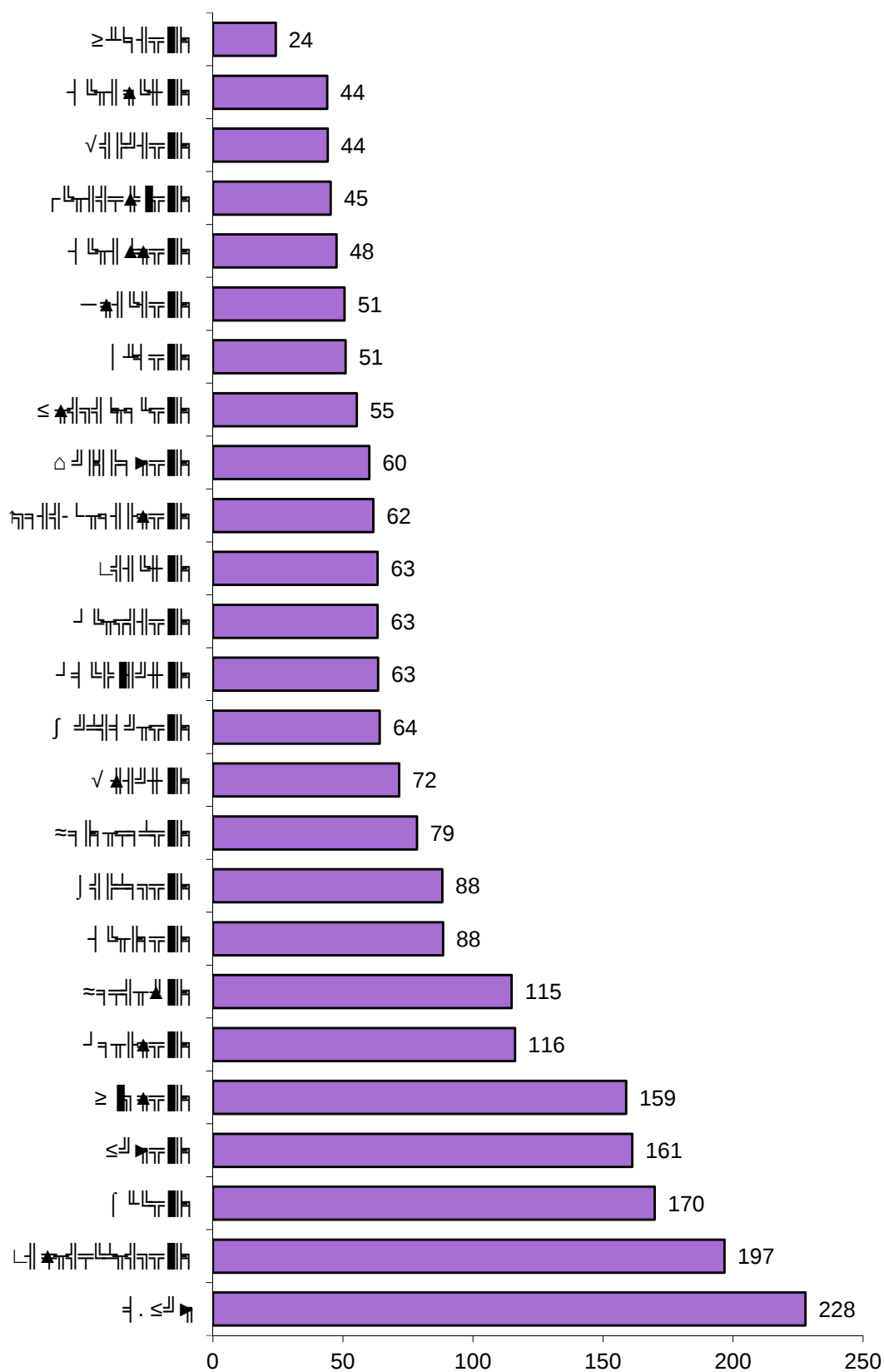
2.3. Natural Gas consumption by Regions : 2017 / Natural Gas | onsumption by Regions

($\text{m}^3 / \text{min.m}^3$)



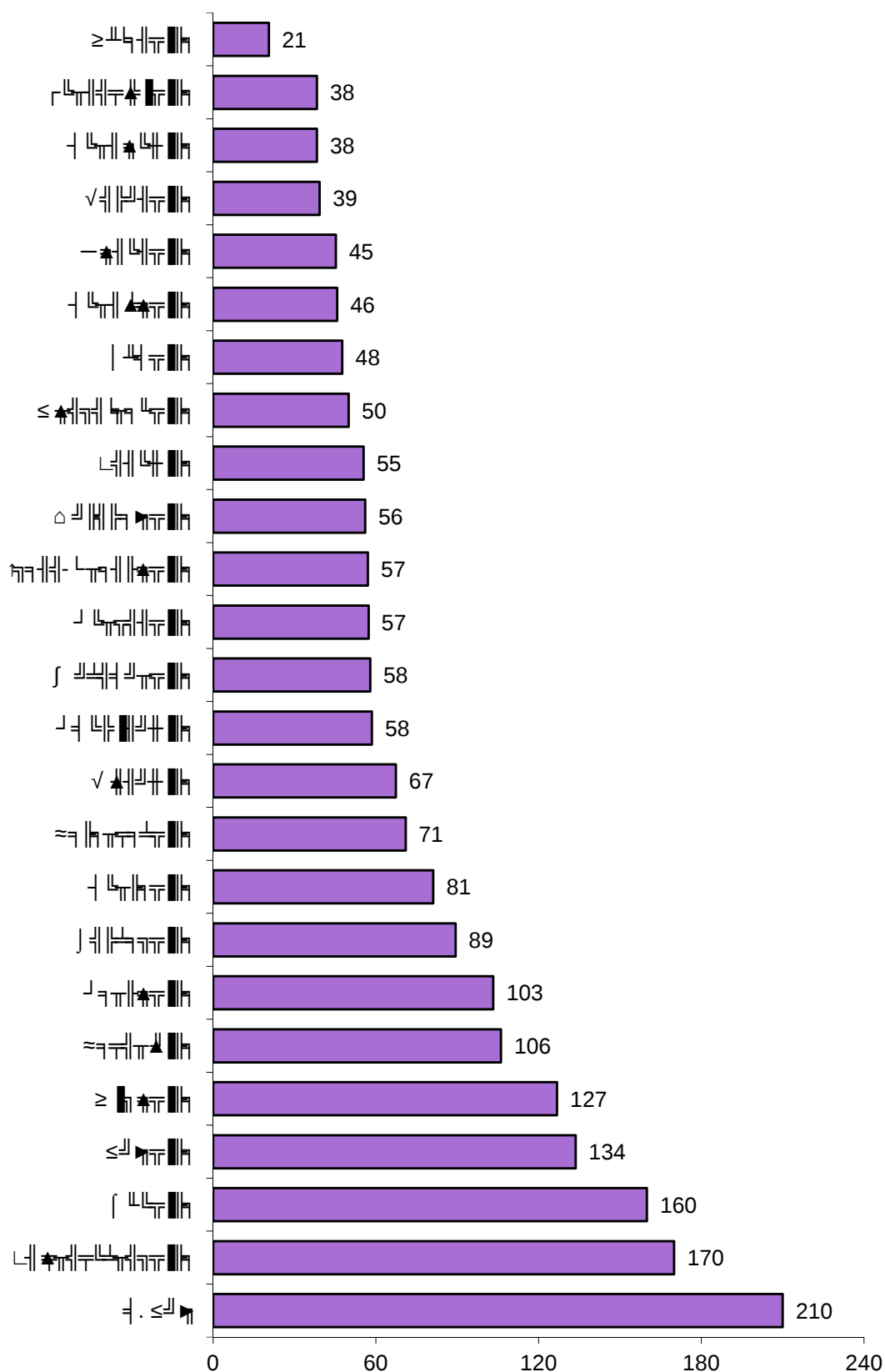
2.4. Motor Gasoline consumption by Regions : 2016 /

(thousand ton)



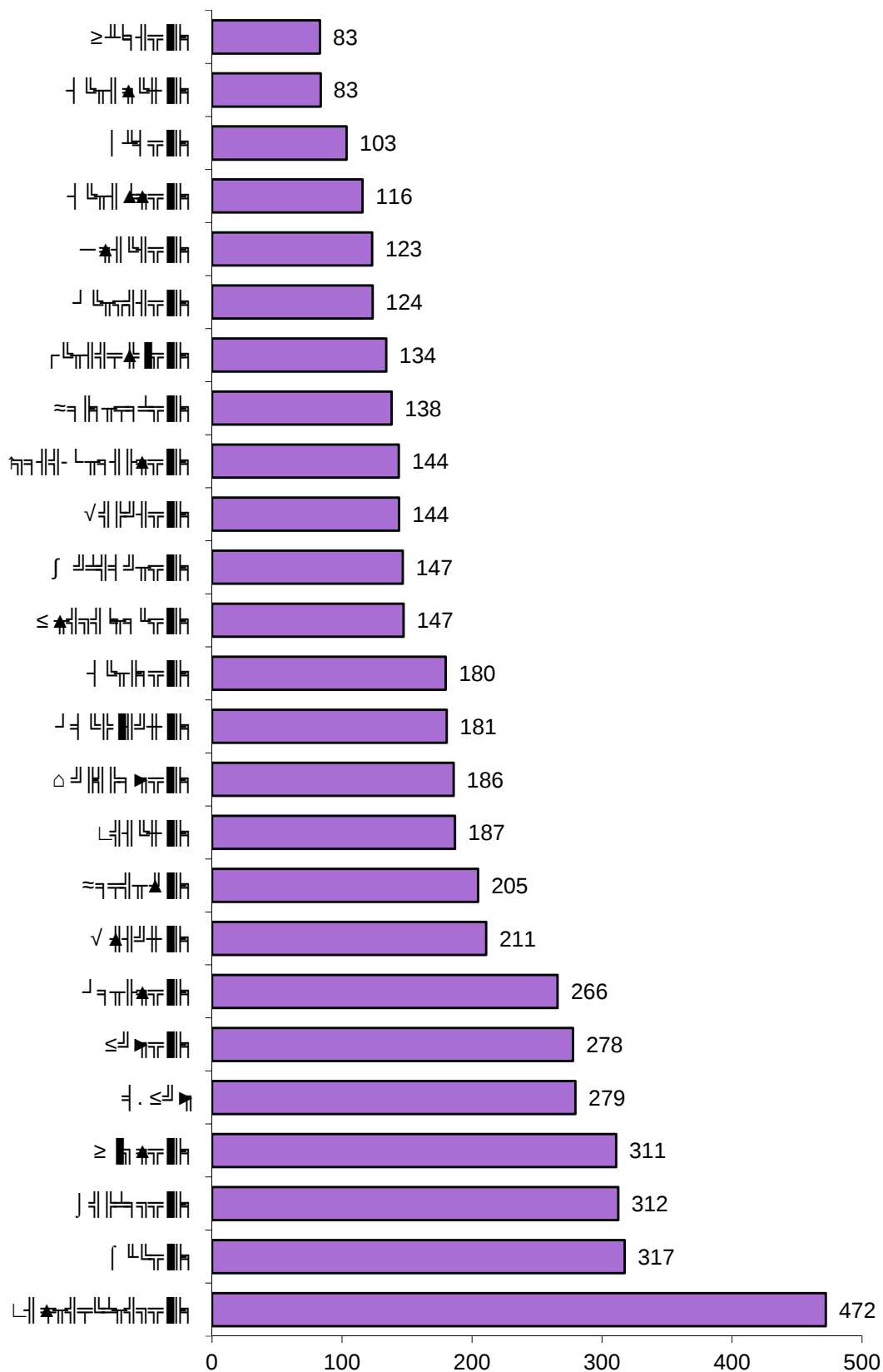
2.4. Motor Gasoline consumption by Regions : 2017 / Motor Gasoline consumption by Regions

(thousand ton)



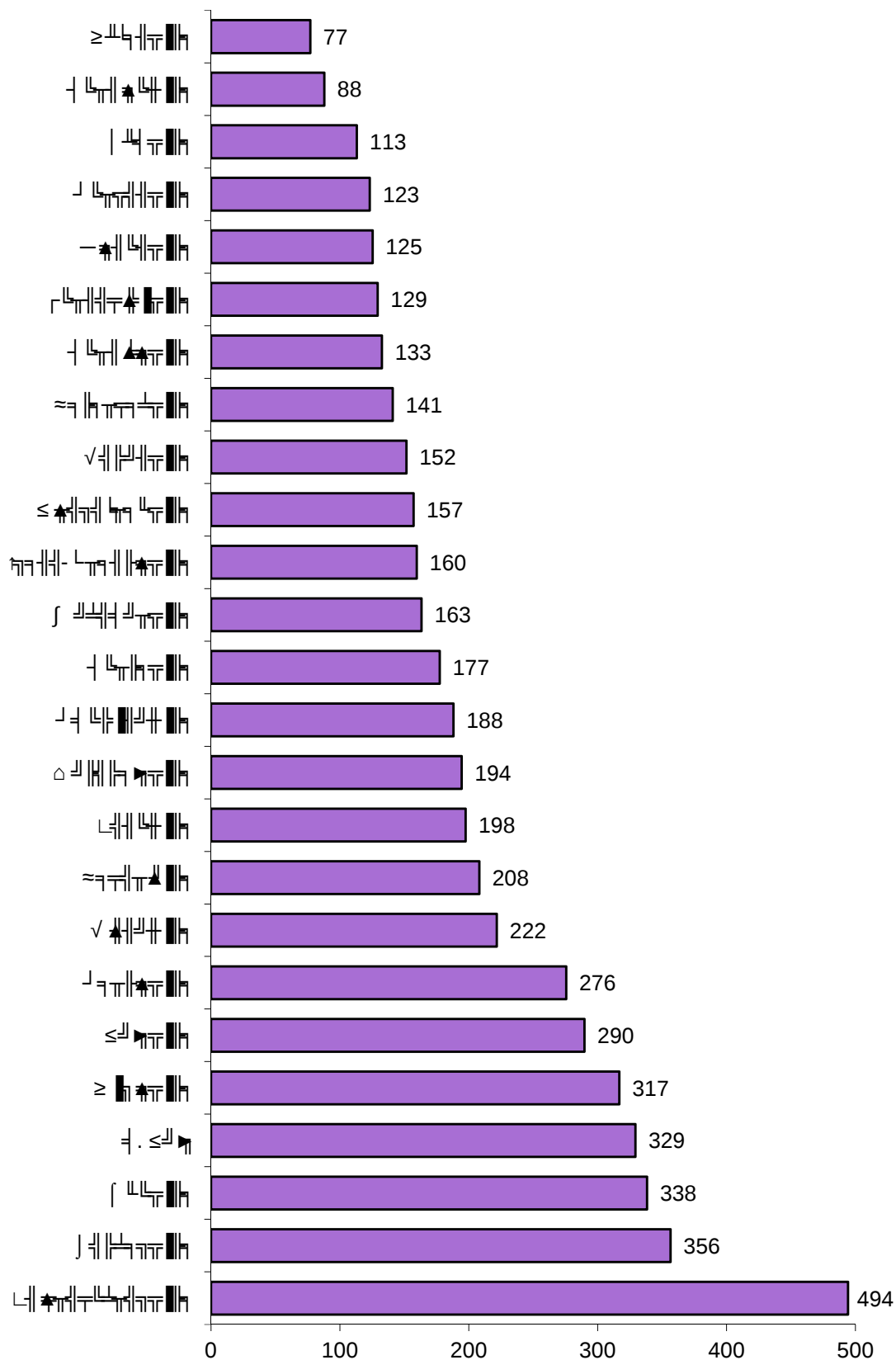
2.5. Road Diesel Consumption by Regions (in thousand ton) : 2016 / Road Diesel Consumption by Regions

(in thousand ton)



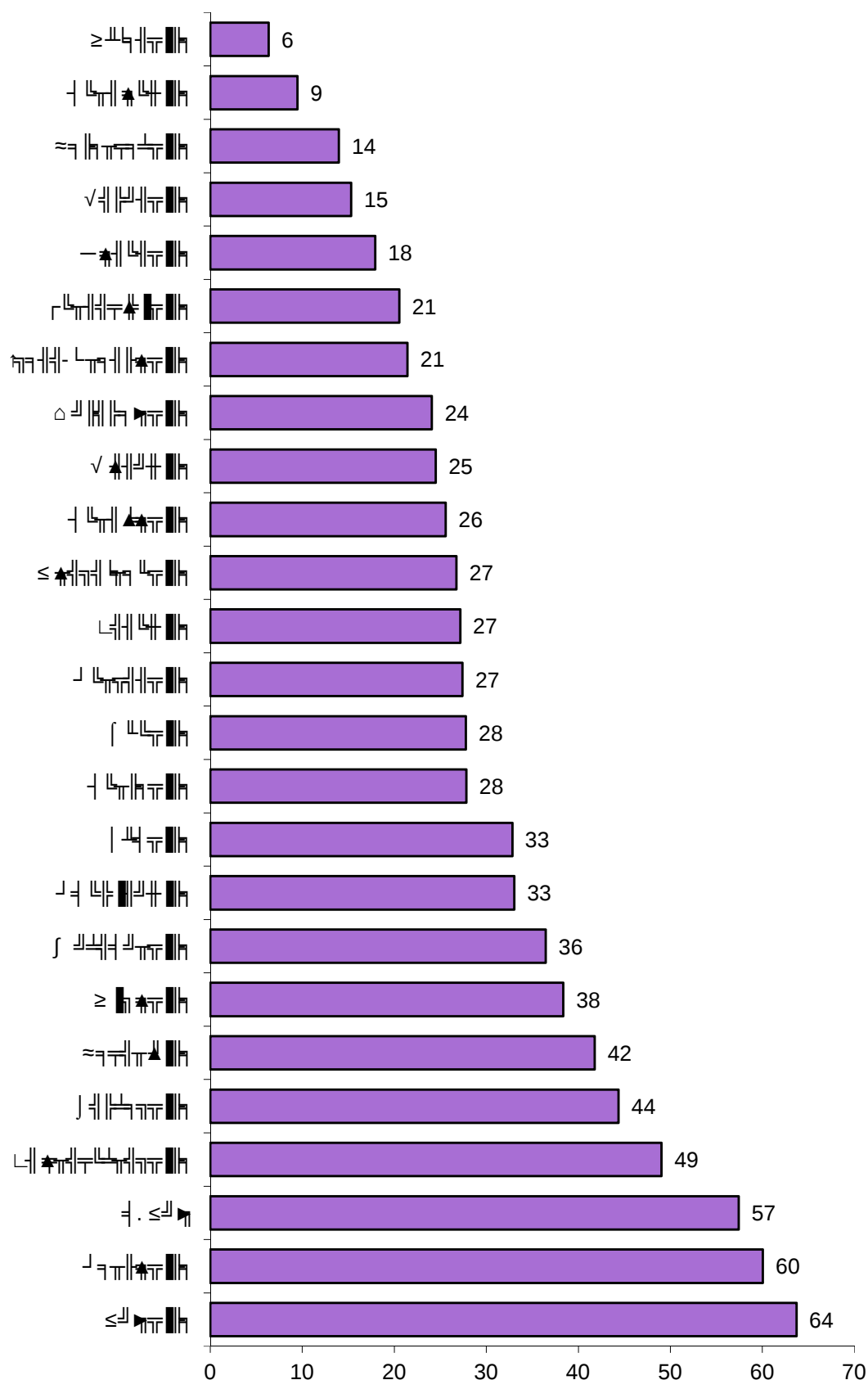
2.5. Road Diesel Consumption by Regions (in thousand ton) : 2017 / Road Diesel Consumption by Regions

(in thousand ton)



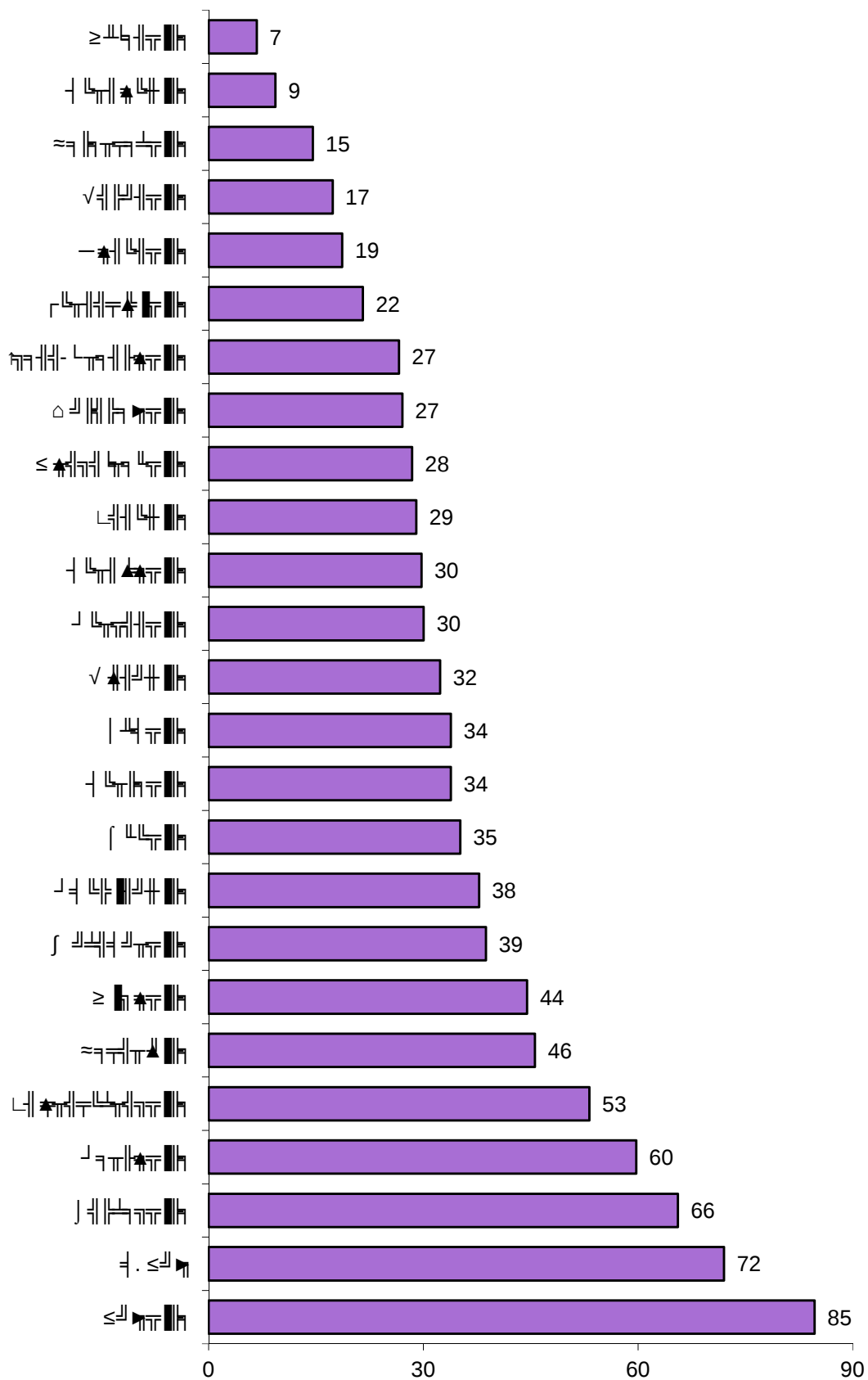
2.6. LPG Consumption by Regions - 2016 / LPG Consumption by Regions

(thousand ton)



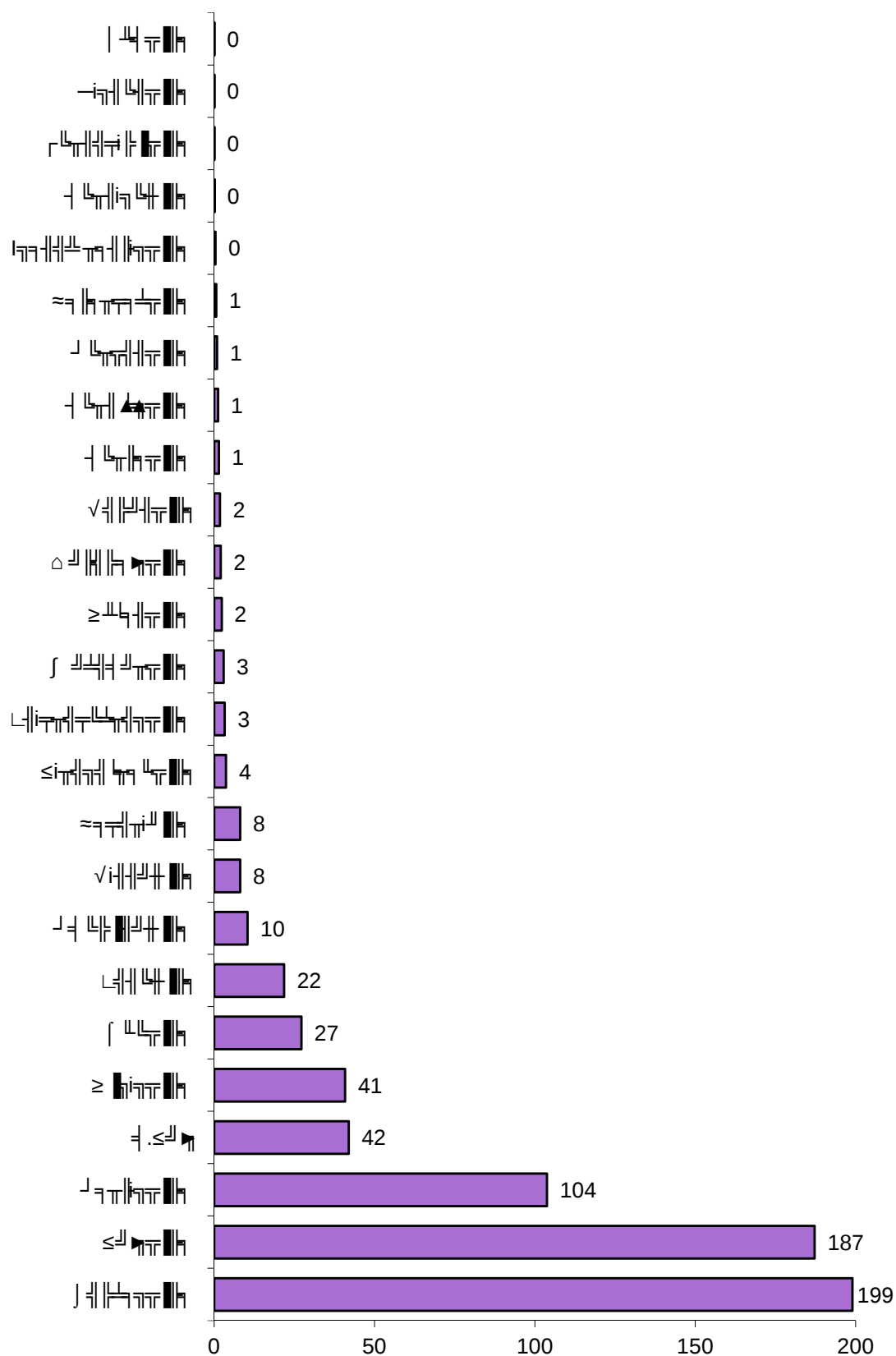
2.6. LPG Consumption by Regions - 2017 / LPG Consumption by Regions

(thousand ton)



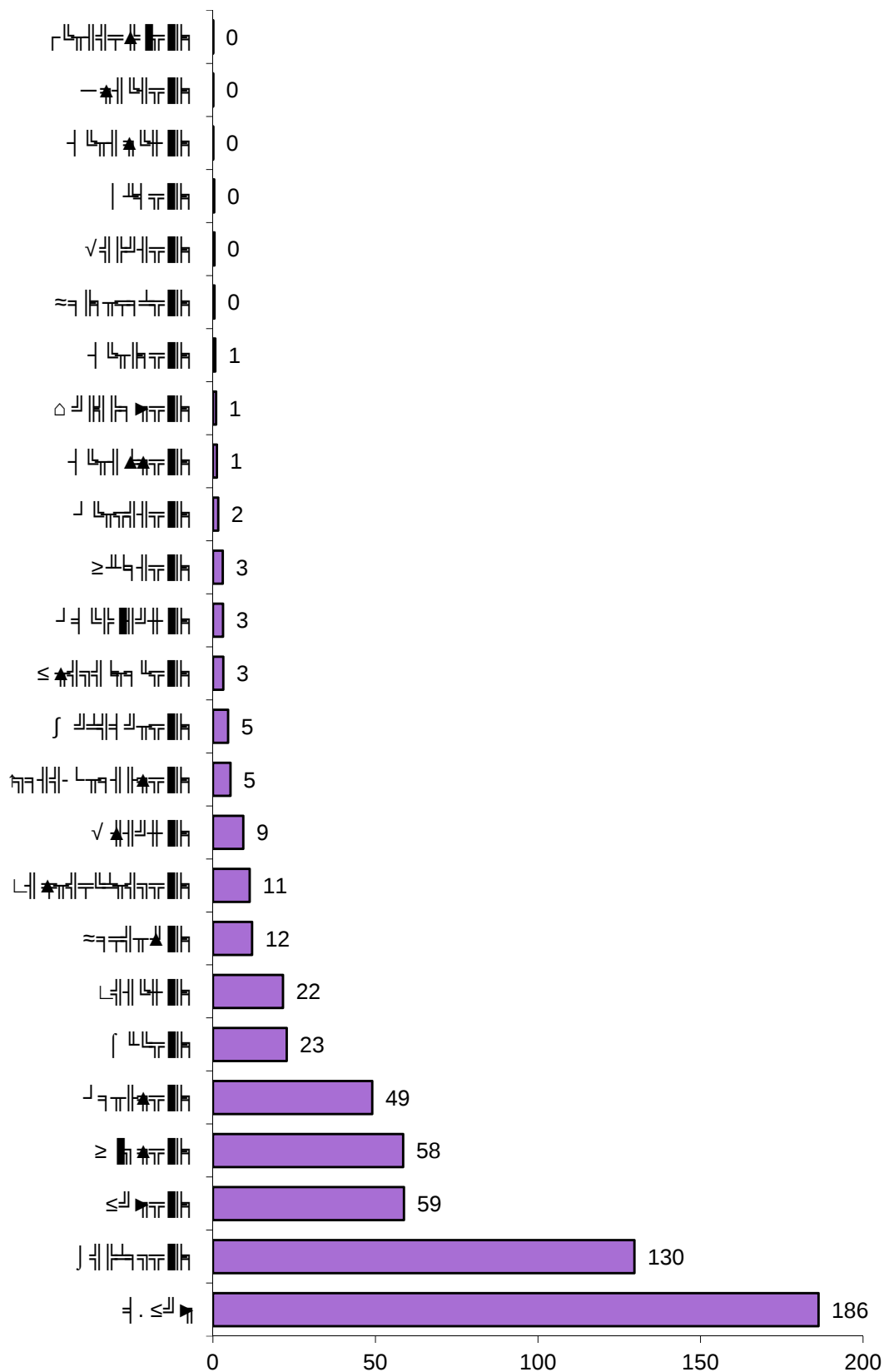
2.7. Heavy Fuel Oil Consumption by Regions / 2016

(thousand ton)



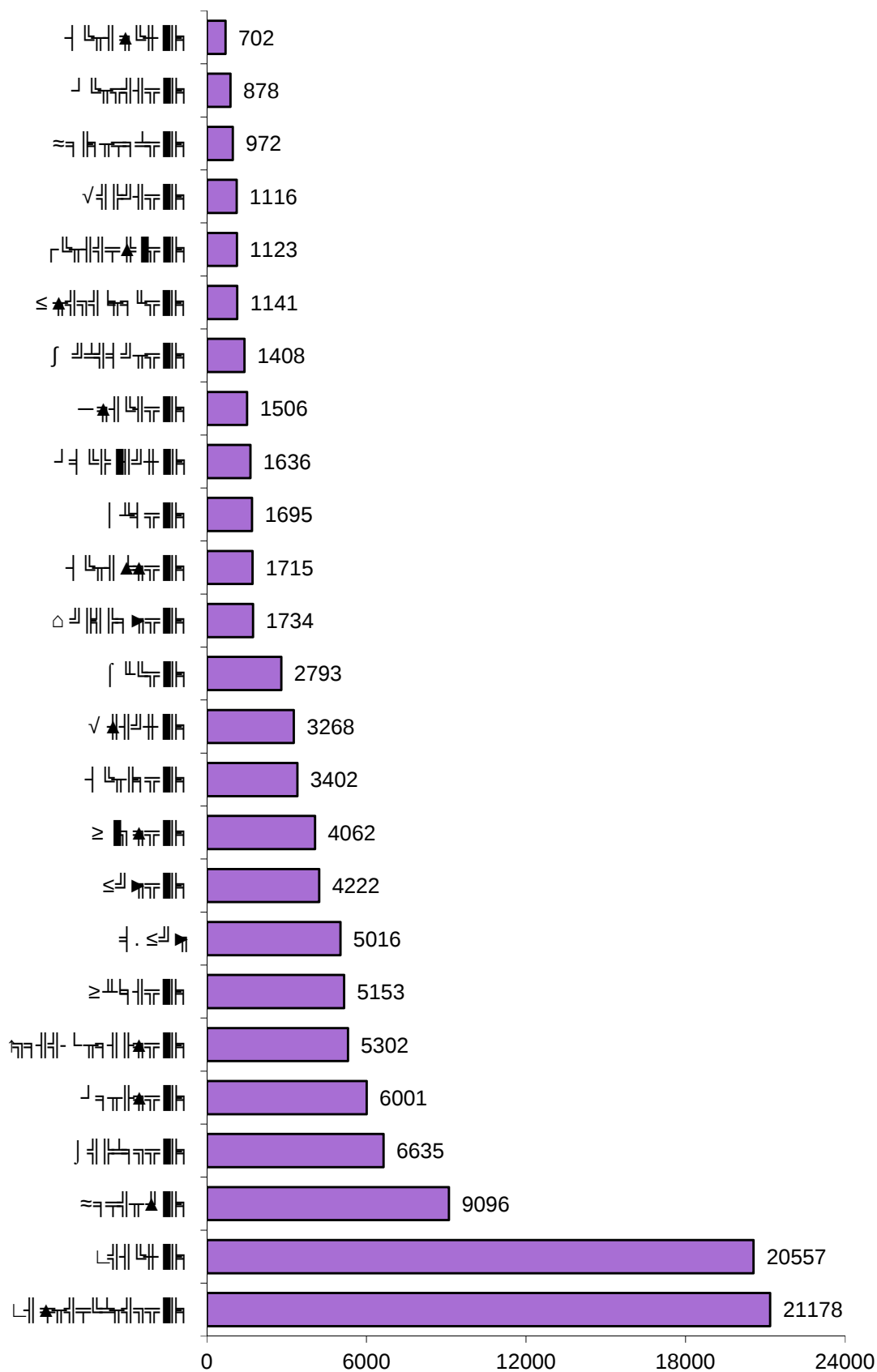
2.7. Heavy Fuel Oil Consumption by Regions / 2017

(thousand ton)



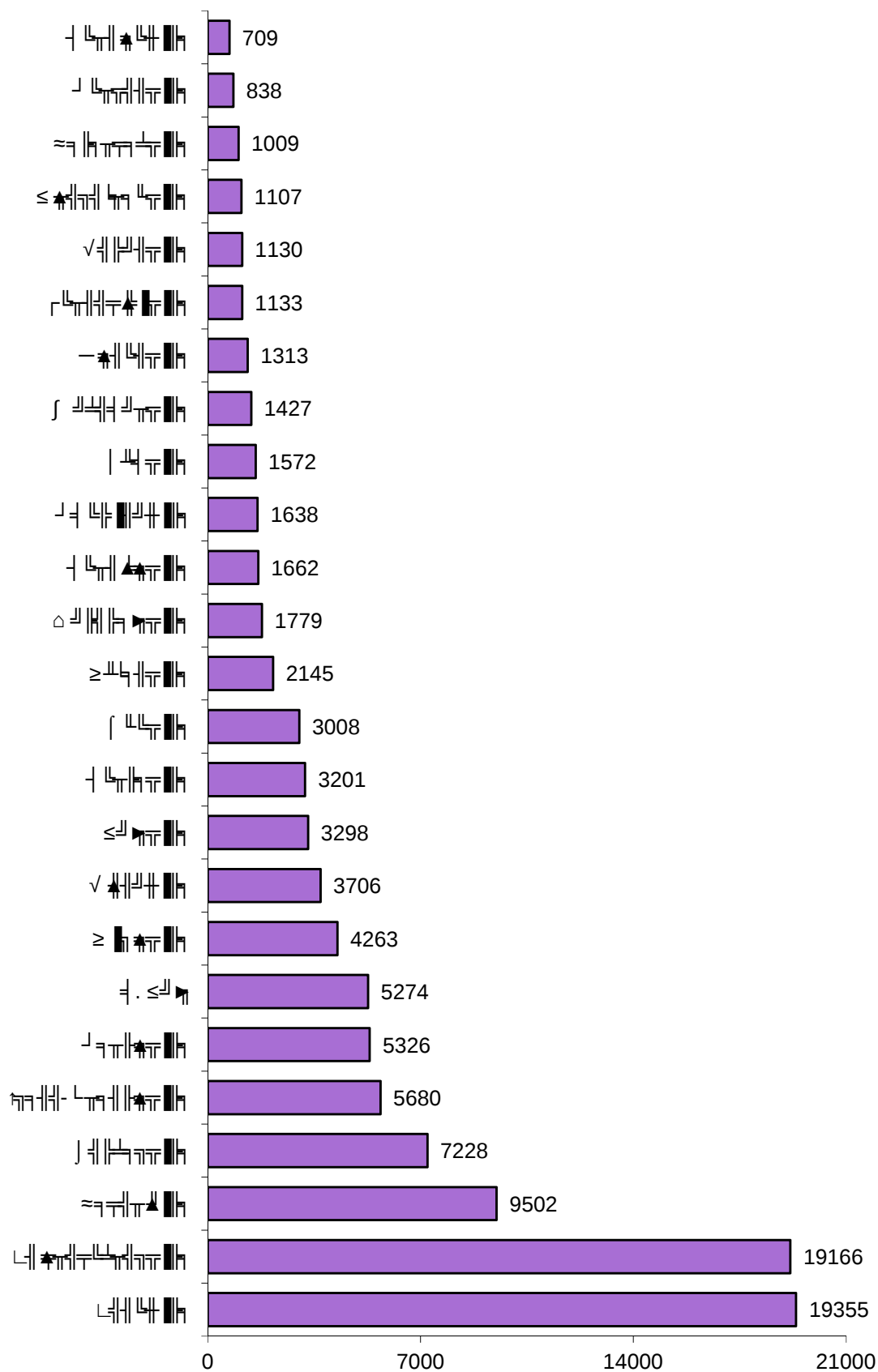
2.8. צריכת דלק לפי אזורי תחבורה - 2016 / Fuel Consumption by Regions

(תש"ס / thousand tsc)



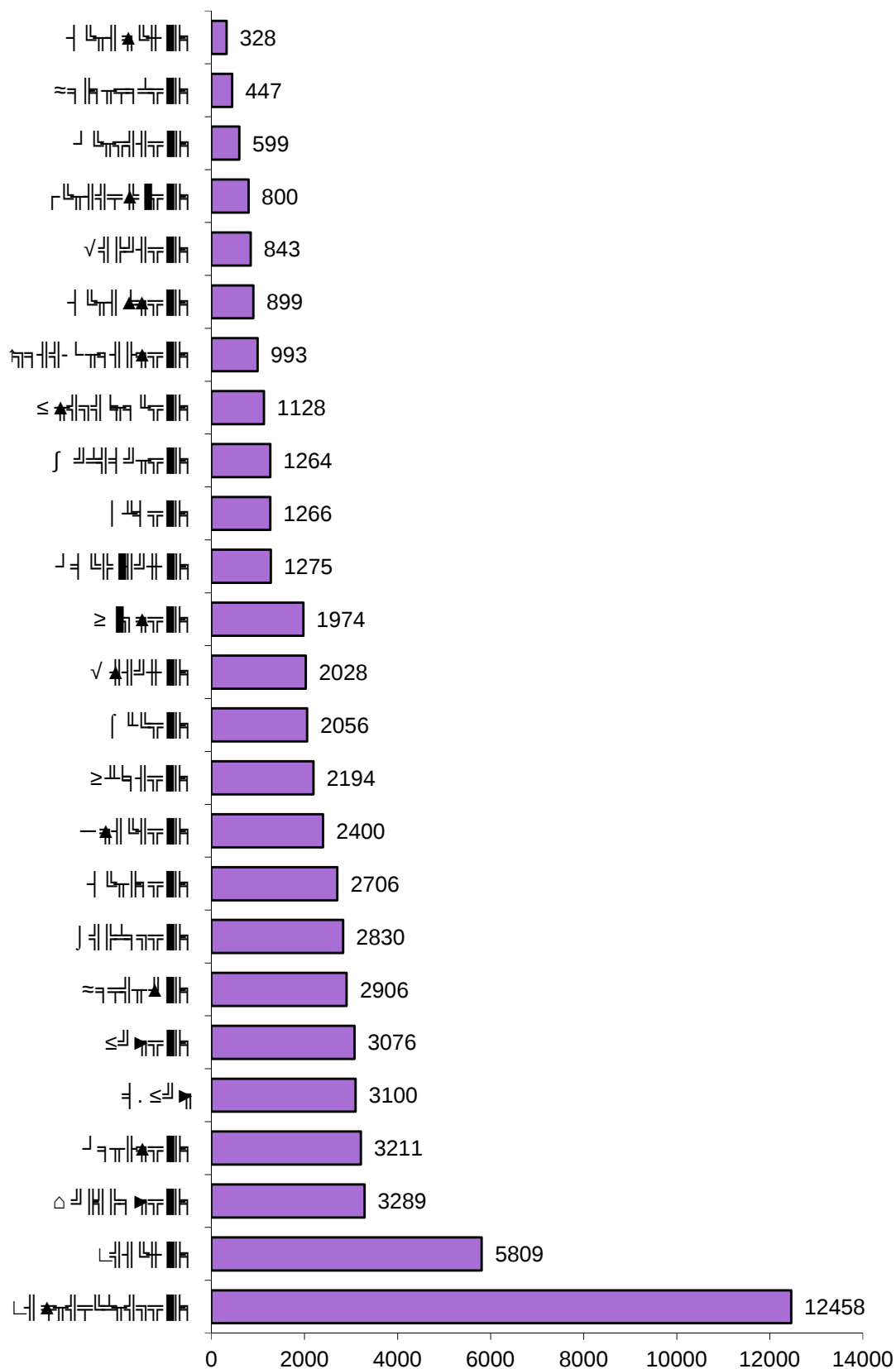
2.8. צריכת דלק לפי אזורי תחבורה - תשע"ז / Fuel Consumption by Regions

(תש"ס / thousand tsc)



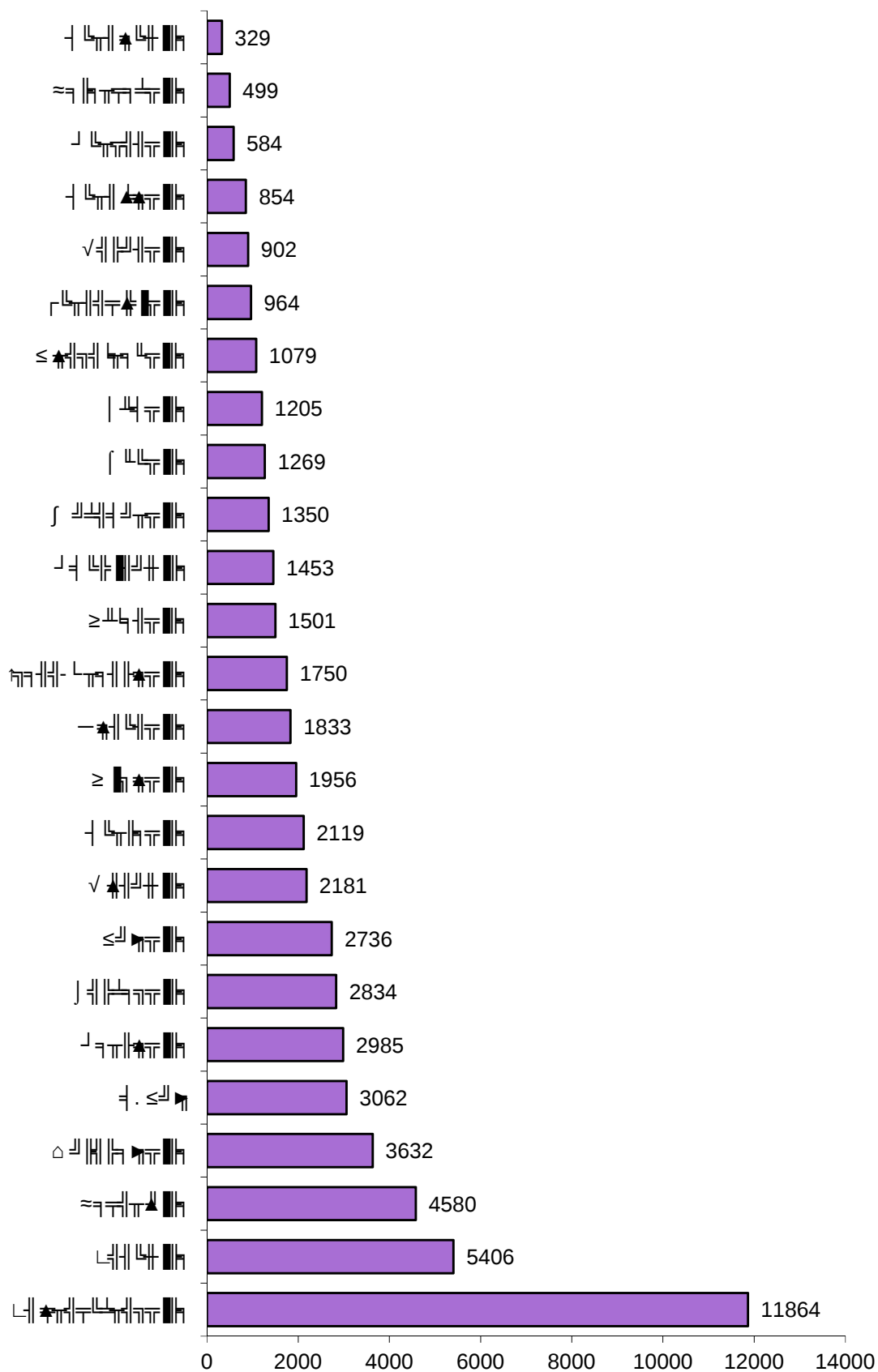
2.9. የኃይል አጠቃቀም በክልሎች: 2016 / Heating Consumption by Regions

(ሺ ሺ ሺ / thousand Gcal)



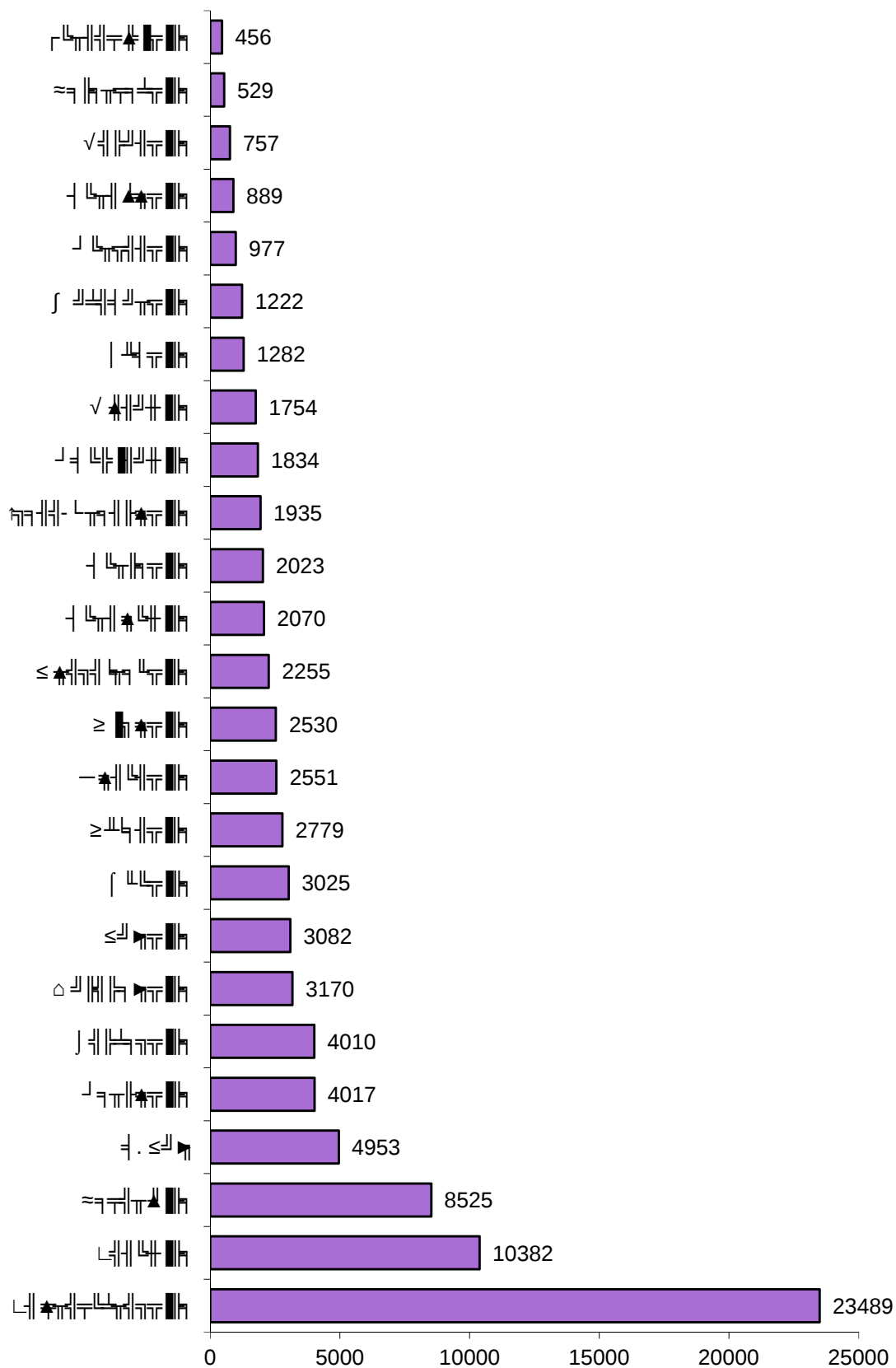
2.9. Heating Consumption by Regions : 2017 / Heating Consumption by Regions

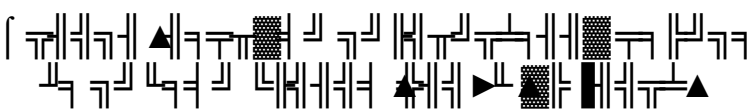
(thousand Gcal)



2.10. Electricity Consumption by Regions : 2016 / Electricity Consumption by Regions

(= million kWh)



3. 
3. The main ways of fuel use by the types of economic

3.1. Agriculture, Forestry and Fishing: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	115333 / 86500	102365 / 76774	2 / 2	12955 / 9716	11 / 8
Brown coal	t / tsc	2 / 0	- / -	- / -	2 / 0	- / -
Peat	t / tsc	- / -	- / -	- / -	- / -	- / -
Hard coal briquettes	t / tsc	69 / 41	66 / 39	- / -	2 / 1	- / -
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat briquettes	t / tsc	936 / 468	206 / 103	- / -	730 / 365	- / -
Coal coke and coke breeze; gas coke	t / tsc	2061 / 2005	- / -	- / -	2061 / 2005	- / -
Pitch and coal pitch	t / tsc	- / -	- / -	- / -	- / -	- / -
Coal, brown coal or peat tar	t / tsc	- / -	- / -	- / -	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Blast furnace gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -

3.1 / Continuation of the table 3.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	380984	210462	185	170337	-
	tsc	441942	244136	215	197591	-
Conventional crude oil including observed from bitumenous minerals	t	199	-	-	199	-
	tsc	285	-	-	285	-
Natural gas liquids (NGL)	t	562	-	-	562	-
	tsc	804	-	-	804	-
Motor gasoline	t	137901	-	17	137871	13
	tsc	205472	-	25	205428	19
Road diesel	t	1493138	266	480	1492366	27
	tsc	2165050	386	695	2163930	39
Kerosene	t	825	-	13	812	-
	tsc	1202	-	19	1183	-
Heavy fuel oil	t	1223	-	7	1216	-
	tsc	1675	-	9	1666	-
Light oil distillates and light fractions	t	80	-	1	79	-
	tsc	116	-	1	115	-
Middle oil distillates, other middle fractions	t	938	-	-	938	-
	tsc	1361	-	-	1361	-
Lubricants	t	21007	-	19712	1296	-
	tsc	28780	-	27005	1775	-
Liquefied petroleum gases (LPG)	t	39086	-	35	39051	-
	tsc	61365	-	55	61310	-
Oil bitumen	t	1441	-	1441	0	-
	tsc	1946	-	1945	1	-

3.1 / Continuation of the table 3.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	5 / 8	-	-	5 / 8	-
Additives	t / tsc	18 / 26	-	1 / 2	16,7 / 24	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	55 / 79	-	18 / 27	36 / 53	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	11039 / 6325	7070 / 4051	-	3969 / 2274	-
Fuel wood	density, m ³ / tsc	259799 / 68847	151449 / 40134	7039 / 1865	101310 / 26847	-
Wood shavings and chips	t / tsc	51134 / 18408	42248 / 15209	4954 / 1783	3932 / 1415	-
Other solid biofuel obtained from plants	t / tsc	59080 / 19910	30052 / 10128	4644 / 1565	24384 / 8217	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	9193 / 15812	9193 / 15812	-	-	-

3.2. Industry: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	41830105 / 31372579	38604672 / 28953504	186941 / 140206	3034724 / 2276043	3767 / 2826
Brown coal	t / tsc	1227 / 361	132 / 39	752 / 221	344 / 101	- / -
Peat	t / tsc	475814 / 153212	434011 / 139752	426 / 137	41378 / 13324	- / -
Hard coal briquettes	t / tsc	3619 / 2135	2405 / 1419	- / -	1214 / 716	- / -
Brown coal briquettes (BKB)	t / tsc	6 / 3	- / -	- / -	6 / 3	- / -
Peat briquettes	t / tsc	46059 / 23029	36465 / 18233	- / -	8795 / 4397	799 / 400
Coal coke and coke breeze; gas coke	t / tsc	11638035 / 11323808	4779775 / 4650721	492108 / 478821	6366151 / 6194265	1 / 1
Pitch and coal pitch	t / tsc	32749 / 41591	- / -	32738 / 41578	11 / 13	- / -
Coal, brown coal or peat tar	t / tsc	98061 / 127480	- / -	98061 / 127480	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	3909030 / 2232056	1647807 / 940898	4855 / 2772	2256368 / 1288386	- / -
Blast furnace gas	thsd. m ³ / tsc	24978982 / 3646931	9497753 / 1386672	102861 / 15018	15366018 / 2243439	12349 / 1803
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	192841 / 63637	130448 / 43048	- / -	62393 / 20590	- / -

3.2 / Continuation of the table 3.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	16109	6582	6582	2945	-
	tsc	5042	2060	2060	922	-
Natural gas	thsd. m ³	16484003	9478590	1482689	4911210	611514
	tsc	19121443	10995164	1719919	5697004	709356
Conventional crude oil including observed from bitumenous minerals	t	149068	136166	3185	2944	6772
	tsc	213167	194718	4555	4210	9684
Natural gas liquids (NGL)	t	527181	522872	1765	2375	169
	tsc	753868	747707	2523	3396	242
Motor gasoline	t	131612	55	63	131482	11
	tsc	196102	82	94	195908	17
Road diesel	t	831971	2779	537	828632	24
	tsc	1206358	4029	778	1201516	35
Kerosene	t	6945	-	1093	5853	-
	tsc	10115	-	1604	8510	-
Heavy fuel oil	t	542266	536433	1608	4224	-
	tsc	742904	734913	2203	5787	-
Light oil distillates and light fractions	t	2312	223	1621	468	0
	tsc	3352	323	2350	678	0
Middle oil distillates, other middle fractions	t	14674	9941	712	4021	-
	tsc	21277	14414	1032	5830	-
Lubricants	t	174965	390	173343	1232	-
	tsc	239702	534	237480	1688	-
Liquefied petroleum gases (LPG)	t	63095	-	310	62738	48
	tsc	99060	-	487	98498	75
Oil bitumen	t	87911	-	74205	13706	-
	tsc	118680	-	100177	18503	-

3.2 / Continuation of the table 3.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	247 / 366	-	169 / 249	79 / 117	-
Petroleum coke	t / tsc	34511 / 37272	617 / 666	33884 / 36595	9 / 10	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	25075 / 37362	-	-	25075 / 37362	-
Additives	t / tsc	2817 / 4085	-	2817 / 4084	1 / 1	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	37045 / 53715	29594 / 42911	6985 / 10128	466 / 675	-
Char coal	density, m ³ / tsc	1224 / 1138	1078 / 1003	1 / 1	145 / 134	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	282480 / 161861	199138 / 114106	36454 / 20888	46889 / 26867	-
Fuel wood	density, m ³ / tsc	950783 / 251958	765523 / 202863	13607 / 3606	171653 / 45488	-
Wood shavings and chips	t / tsc	508813 / 183173	485054 / 174619	1 / 0	23743 / 8547	15 / 5
Other solid biofuel obtained from plants	t / tsc	1125918 / 369678	994878 / 325518	57264 / 19298	73762 / 24858	13 / 5
Liquified biofuel	t / tsc	145 / 188	145 / 188	-	-	-
Biogas	thsd. m ³ / tsc	48791 / 83921	48786 / 83912	-	5 / 9	-

3.2.1. Mining and Quarrying: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	210344 / 157758	188588 / 141441	189 / 142	21566 / 16175	-
Brown coal	t / tsc	18 / 5	2 / 1	-	16 / 5	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	116 / 58	69 / 35	-	46 / 23	-
Coal coke and coke breeze; gas coke	t / tsc	174095 / 169394	-	-	174095 / 169394	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.1 / Continuation of the table 3.2.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	2031897	284466	630314	1089494	27623
	tsc	2357001	329980	731164	1263814	32043
Conventional crude oil including observed from bitumenous minerals	t	139626	126860	3185	2809	6772
	tsc	199665	181410	4555	4016	9684
Natural gas liquids (NGL)	t	521144	517088	1763	2124	169
	tsc	745236	739436	2521	3037	242
Motor gasoline	t	22603	1	9	22593	-
	tsc	33678	1	14	33664	-
Road diesel	t	345367	1737	303	343327	-
	tsc	500782	2519	439	497824	-
Kerosene	t	1080	-	719	361	-
	tsc	1586	-	1056	530	-
Heavy fuel oil	t	4842	4837	-	5	-
	tsc	6634	6627	-	7	-
Light oil distillates and light fractions	t	124	-	124	-	-
	tsc	180	-	180	-	-
Middle oil distillates, other middle fractions	t	2230	-	652	1578	-
	tsc	3233	-	945	2288	-
Lubricants	t	15619	-	15333	287	-
	tsc	21398	-	21006	393	-
Liquefied petroleum gases (LPG)	t	1686	-	170	1516	-
	tsc	2647	-	267	2380	-
Oil bitumen	t	559	-	559	-	-
	tsc	755	-	755	-	-

3.2.1 / Continuation of the table 3.2.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	5 / 8	-	5 / 8	-	-
Petroleum coke	t / tsc	- / -	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	24800 / 36952	-	-	24800 / 36952	-
Additives	t / tsc	2 / 3	-	2 / 3	-	-
Etan	t / tsc	- / -	-	-	-	-
Other oil products	t / tsc	611 / 886	466 / 675	135 / 195	11 / 15	-
Char coal	density, m ³ / tsc	- / -	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	169 / 97	137 / 79	-	31 / 18	-
Fuel wood	density, m ³ / tsc	4766 / 1263	1498 / 397	59 / 16	3209 / 850	-
Wood shavings and chips	t / tsc	1 / 0	-	1 / 0	-	-
Other solid biofuel obtained from plants	t / tsc	25970 / 8752	25911 / 8732	-	60 / 20	-
Liquified biofuel	t / tsc	- / -	-	-	-	-
Biogas	thsd. m ³ / tsc	- / -	-	-	-	-

3.2.1.1. Mining of coal and lignite: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	198058 / 148544	186277 / 139708	-	11781 / 8836	-
Brown coal	t / tsc	16 / 5	-	-	16 / 5	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.1.1 / Continuation of the table 3.2.1.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	8916	8809	-	107	-
	tsc	10342	10219	-	124	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	2001	-	9	1991	-
	tsc	2981	-	14	2967	-
Road diesel	t	9755	-	300	9455	-
	tsc	14144	-	434	13710	-
Kerosene	t	722	-	702	19	-
	tsc	1061	-	1032	28	-
Heavy fuel oil	t	3	-	-	3	-
	tsc	4	-	-	4	-
Light oil distillates and light fractions	t	41	-	41	-	-
	tsc	59	-	59	-	-
Middle oil distillates, other middle fractions	t	4	-	4	-	-
	tsc	5	-	5	-	-
Lubricants	t	3095	-	3095	-	-
	tsc	4240	-	4240	-	-
Liquefied petroleum gases (LPG)	t	45	-	-	45	-
	tsc	70	-	-	70	-
Oil bitumen	t	5	-	5	0	-
	tsc	7	-	7	0	-

3.2.1.1 / Continuation of the table 3.2.1.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	5 / 8	-	5 / 8	-	-
Petroleum coke	t / tsc	- / -	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	- / -	-	-	-	-
Additives	t / tsc	- / -	-	-	-	-
Etan	t / tsc	- / -	-	-	-	-
Other oil products	t / tsc	2 / 3	-	2 / 2	0 / 1	-
Char coal	density, m ³ / tsc	- / -	-	-	-	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	98 / 56	98 / 56	-	-	-
Fuel wood	density, m ³ / tsc	874 / 232	135 / 36	-	739 / 196	-
Wood shavings and chips	t / tsc	- / -	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	- / -	-	-	-	-
Liquified biofuel	t / tsc	- / -	-	-	-	-
Biogas	thsd. m ³ / tsc	- / -	-	-	-	-

3.2.1.2. Extraction of crude petroleum and natural gas: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	67 / 50	-	-	67 / 50	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.1.2 / Continuation of the table 3.2.1.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	1615711	212867	630314	744907	27623
	tsc	1874225	246926	731164	864092	32043
Conventional crude oil including observed from bitumenous minerals	t	139626	126860	3185	2809	6772
	tsc	199665	181410	4555	4016	9684
Natural gas liquids (NGL)	t	521144	517088	1763	2124	169
	tsc	745236	739436	2521	3037	242
Motor gasoline	t	11773	1	-	11773	-
	tsc	17542	1	-	17541	-
Road diesel	t	18118	101	-	18017	-
	tsc	26271	146	-	26125	-
Kerosene	t	14	-	10	4	-
	tsc	20	-	14	6	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	3	-	3	-	-
	tsc	5	-	5	-	-
Middle oil distillates, other middle fractions	t	2	-	2	-	-
	tsc	3	-	3	-	-
Lubricants	t	1442	-	1442	-	-
	tsc	1976	-	1976	-	-
Liquefied petroleum gases (LPG)	t	1070	-	167	903	-
	tsc	1680	-	262	1418	-
Oil bitumen	t	74	-	74	-	-
	tsc	99	-	99	-	-

8.2.1.2 / Continuation of the table 3.2.1.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	24800 36952	-	-	24800 36952	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	11 16	-	11 16	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	-	-	-	-	-
Fuel wood	density, m ³ / tsc	-	-	-	-	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.1.3. Mining of metal ores: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	8095 / 6071	743 / 557	-	7351 / 5514	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	174095 / 169394	-	-	174095 / 169394	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.1.3 / Continuation of the table 3.2.1.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	368680	51176	-	317504	-
	tsc	427668	59364	-	368305	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	4940	-	-	4940	-
	tsc	7361	-	-	7361	-
Road diesel	t	213484	-	-	213484	-
	tsc	309552	-	-	309552	-
Kerosene	t	328	-	1	327	-
	tsc	482	-	2	480	-
Heavy fuel oil	t	4837	4837	-	-	-
	tsc	6627	6627	-	-	-
Light oil distillates and light fractions	t	80	-	80	-	-
	tsc	116	-	116	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	8166	-	8006	160	-
	tsc	11188	-	10968	219	-
Liquefied petroleum gases (LPG)	t	131	-	-	131	-
	tsc	206	-	-	206	-
Oil bitumen	t	51	-	51	-	-
	tsc	68	-	68	-	-

8.2.1.3 / Continuation of the table 3.2.1.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	172 249	76 110	95 138	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	-	-	-	-	-
Fuel wood	density, m ³ / tsc	113 30	14 4	59 16	40 11	-
Wood shavings and chips	t / tsc	1 0	-	1 0	-	-
Other solid biofuel obtained from plants	t / tsc	60 20	-	-	60 20	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.1.4. Other mining and quarrying: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	3971 / 2979	1427 / 1070	189 / 142	2355 / 1767	-
Brown coal	t / tsc	2 / 1	2 / 1	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	116 / 58	69 / 35	-	46 / 23	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.1.4 / Continuation of the table 3.2.1.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	37850	10900	-	26950	-
	tsc	43906	12644	-	31262	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	3082	-	-	3082	-
	tsc	4592	-	-	4592	-
Road diesel	t	94028	23	-	94005	-
	tsc	136340	33	-	136307	-
Kerosene	t	16	-	6	11	-
	tsc	24	-	8	15	-
Heavy fuel oil	t	2	-	-	2	-
	tsc	3	-	-	3	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	2224	-	647	1578	-
	tsc	3225	-	937	2288	-
Lubricants	t	2717	-	2591	126	-
	tsc	3722	-	3549	173	-
Liquefied petroleum gases (LPG)	t	383	-	3	380	-
	tsc	601	-	5	596	-
Oil bitumen	t	430	-	430	-	-
	tsc	580	-	580	-	-

8.2.1.4 / Continuation of the table 3.2.1.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	2 3	-	2 3	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	426 618	390 565	27 38	10 15	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	70 40	39 22	-	31 18	-
Fuel wood	density, m ³ / tsc	3709 983	1304 346	-	2405 637	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	25911 8732	25911 8732	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.1.5. Mining support service activities: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
Hard coal	t / tsc	152 / 114	141 / 106	-	11 / 8	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.1.5 / Continuation of the table 3.2.1.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	741	714	-	27	-
	tsc	859	828	-	31	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	807	-	-	807	-
	tsc	1203	-	-	1203	-
Road diesel	t	9983	1614	3	8366	-
	tsc	14475	2340	4	12131	-
Kerosene	t	0	-	-	0	-
	tsc	1	-	-	1	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	1	-	1	-	-
	tsc	1	-	1	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	199	-	199	-	-
	tsc	273	-	273	-	-
Liquefied petroleum gases (LPG)	t	56	-	-	56	-
	tsc	89	-	-	89	-
Oil bitumen	t	0	-	0	-	-
	tsc	0	-	0	-	-

3.2.1.5 / Continuation of the table 3.2.1.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	-	-	-	-	-
Fuel wood	density, m ³ / tsc	70 18	44 12	-	26 7	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2. Manufacturing: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	16964864 / 12723648	13892502 / 10419376	186711 / 140033	2885651 / 2164238	-
Brown coal	t / tsc	1205 / 354	130 / 38	752 / 221	323 / 95	-
Peat	t / tsc	474657 / 152840	432854 / 139379	426 / 137	41378 / 13324	-
Hard coal briquettes	t / tsc	1974 / 1165	770 / 454	-	1204 / 711	-
Brown coal briquettes (BKB)	t / tsc	6 / 3	-	-	6 / 3	-
Peat briquettes	t / tsc	39671 / 19836	30327 / 15163	-	8546 / 4273	799 / 400
Coal coke and coke breeze; gas coke	t / tsc	11463911 / 11154386	4779775 / 4650721	492108 / 478821	6192028 / 6024843	1 / 1
Pitch and coal pitch	t / tsc	32749 / 41591	-	32738 / 41578	11 / 13	-
Coal, brown coal or peat tar	t / tsc	98061 / 127480	-	98061 / 127480	-	-
Coke oven gas	thsd. m ³ / tsc	3904175 / 2229284	1642952 / 938126	4855 / 2772	2256368 / 1288386	-
Blast furnace gas	thsd. m ³ / tsc	24918341 / 3638078	9437112 / 1377818	102861 / 15018	15366018 / 2243439	12349 / 1803
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	192841 / 63637	130448 / 43048	-	62393 / 20590	-

8.2.2 / Continuation of the table 3.2.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	9527	-	6582	2945	-
	tsc	2982	-	2060	922	-
Natural gas	thsd. m ³	5872817	2077502	771812	3023470	33
	tsc	6812467	2409902	895302	3507225	38
Conventional crude oil including observed from bitumenous minerals	t	9441	9306	0	135	-
	tsc	13501	13308	0	193	-
Natural gas liquids (NGL)	t	6037	5784	2	251	-
	tsc	8632	8271	3	359	-
Motor gasoline	t	67175	21	50	67093	11
	tsc	100091	31	75	99968	17
Road diesel	t	406738	916	229	405568	24
	tsc	589770	1328	333	588074	35
Kerosene	t	5813	-	363	5450	-
	tsc	8451	-	532	7919	-
Heavy fuel oil	t	13940	9715	1608	2617	-
	tsc	19098	13309	2203	3586	-
Light oil distillates and light fractions	t	2165	223	1476	466	0
	tsc	3139	323	2139	676	0
Middle oil distillates, other middle fractions	t	12318	9815	60	2443	-
	tsc	17862	14232	87	3543	-
Lubricants	t	153727	390	152728	609	-
	tsc	210606	534	209237	834	-
Liquefied petroleum gases (LPG)	t	44243	-	105	44138	-
	tsc	69461	-	165	69297	-
Oil bitumen	t	87220	-	73552	13668	-
	tsc	117747	-	99295	18452	-

3.2.2 / Continuation of the table 3.2.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	242	-	163	79	-
	tsc	358	-	242	117	-
Petroleum coke	t / tsc	34501	617	33884	-	-
	tsc	37261	666	36595	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	275	-	-	275	-
	tsc	410	-	-	410	-
Additives	t / tsc	2815	-	2814	1	-
	tsc	4082	-	4081	1	-
Etan	t / tsc	-	-	-	-	-
	tsc	-	-	-	-	-
Other oil products	t / tsc	36325	29129	6818	379	-
	tsc	52671	42236	9885	549	-
Char coal	density, m ³ / tsc	146	-	1	145	-
	tsc	135	-	1	134	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	202975	120780	36454	45741	-
	tsc	116305	69207	20888	26210	-
Fuel wood	density, m ³ / tsc	569845	394694	13549	161602	-
	tsc	151009	104594	3590	42825	-
Wood shavings and chips	t / tsc	292203	268512	0	23676	15
	tsc	105193	96664	0	8523	5
Other solid biofuel obtained from plants	t / tsc	1060687	929730	57264	73680	13
	tsc	347695	303563	19298	24830	5
Liquified biofuel	t / tsc	145	145	-	-	-
	tsc	188	188	-	-	-
Biogas	thsd. m ³ / tsc	20191	20186	-	5	-
	tsc	34729	34719	-	9	-

3.2.2.1 / Manufacture of food: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
Hard coal	t / tsc	142857 / 107143	99418 / 74564	-	43439 / 32579	-
Brown coal	t / tsc	136 / 40	125 / 37	-	11 / 3	-
Peat	t / tsc	2153 / 693	2129 / 686	-	24 / 8	-
Hard coal briquettes	t / tsc	590 / 348	587 / 346	-	4 / 2	-
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	-	-	-
Peat briquettes	t / tsc	21927 / 10964	20723 / 10362	-	1204 / 602	-
Coal coke and coke breeze; gas coke	t / tsc	9659 / 9398	-	-	9659 / 9398	-
Pitch and coal pitch	t / tsc	- / -	-	-	-	-
Coal, brown coal or peat tar	t / tsc	- / -	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	- / -	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	- / -	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	-	-	-	-

8.2.2.1 / Continuation of the table 3.2.2.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	803527	621783	21	181695	29
	tsc	932092	721268	25	210766	34
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	19439	-	3	19431	5
	tsc	28964	-	5	28952	7
Road diesel	t	113721	160	3	113541	17
	tsc	164895	232	5	164634	24
Kerosene	t	9	-	1	8	-
	tsc	13	-	1	12	-
Heavy fuel oil	t	5212	4982	-	230	-
	tsc	7140	6825	-	314	-
Light oil distillates and light fractions	t	716	223	75	418	-
	tsc	1038	323	109	606	-
Middle oil distillates, other middle fractions	t	1018	756	-	262	-
	tsc	1476	1096	-	380	-
Lubricants	t	1689	-	1636	53	-
	tsc	2314	-	2241	73	-
Liquefied petroleum gases (LPG)	t	27384	-	48	27336	-
	tsc	42993	-	76	42918	-
Oil bitumen	t	0	-	0	-	-
	tsc	0	-	0	-	-

8.2.2.1 / Continuation of the table 3.2.2.1

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	617 / 666	617 / 666	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	16 / 24	-	-	16 / 24	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	40 / 58	-	1 / 2	39 / 57	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	50119 / 28718	44193 / 25322	-	5926 / 3396	-
Fuel wood	density, m ³ / tsc	96518 / 25577	80414 / 21310	-	16104 / 4267	-
Wood shavings and chips	t / tsc	22039 / 7934	21863 / 7871	-	176 / 63	-
Other solid biofuel obtained from plants	t / tsc	890359 / 300051	826927 / 278674	55292 / 18633	8140 / 2743	-
Liquified biofuel	t / tsc	145 / 188	145 / 188	-	-	-
Biogas	thsd. m ³ / tsc	18920 / 32543	18915 / 32534	-	5 / 9	-

3.2.2.2 / Manufacture of beverages: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
Hard coal	t / tsc	1462 / 1097	1446 / 1085	-	16 / 12	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	0 / 0	-	-	0 / 0	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	8 / 4	-	-	8 / 4	-
Coal coke and coke breeze; gas coke	t / tsc	0 / 0	-	-	0 / 0	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.2.2 / Continuation of the table 3.2.2.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	71836	58393	-	13443	1
	tsc	83330	67736	-	15593	1
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	3399	-	-	3399	-
	tsc	5065	-	-	5065	-
Road diesel	t	8875	35	-	8840	-
	tsc	12868	51	-	12817	-
Kerosene	t	9	-	-	9	-
	tsc	13	-	-	13	-
Heavy fuel oil	t	198	197	-	1	-
	tsc	271	269	-	1	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	131	131	-	-	-
	tsc	190	190	-	-	-
Lubricants	t	80	-	80	-	-
	tsc	110	-	110	-	-
Liquefied petroleum gases (LPG)	t	1666	-	0	1666	-
	tsc	2616	-	0	2615	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

8.2.2.2 / Continuation of the table 3.2.2.2

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	3 4	-	3 4	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	986 565	977 560	-	9 5	-
Fuel wood	density, m ³ / tsc	1674 444	1572 417	-	102 27	-
Wood shavings and chips	t / tsc	6914 2489	6879 2477	-	35 13	-
Other solid biofuel obtained from plants	t / tsc	8526 2873	8526 2873	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	1271 2186	1271 2186	-	-	-

3.2.2.3. Manufacture of tobacco products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	-	-	-	-	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.3 / Continuation of the table 3.2.2.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	6954	6954	-	-	-
	tsc	8067	8067	-	-	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	56	-	56	-	-
	tsc	83	-	83	-	-
Road diesel	t	163	27	-	136	-
	tsc	236	39	-	197	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	3	-	3	-	-
	tsc	4	-	4	-	-
Liquefied petroleum gases (LPG)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

8.2.2.3 / Continuation of the table 3.2.2.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	-	-	-	-	-
Fuel wood	density, m ³ / tsc	-	-	-	-	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.4. Manufacture of textiles: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	26 / 19	25 / 19	-	1 / 1	-
Brown coal	t / tsc	1 / 0	-	-	1 / 0	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	26 / 13	24 / 12	-	2 / 1	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.4 / Continuation of the table 3.2.2.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	12378	7795	-	4583	-
	tsc	14358	9043	-	5316	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	302	-	-	302	-
	tsc	449	-	-	449	-
Road diesel	t	1340	-	-	1340	-
	tsc	1942	-	-	1942	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	20	-	19	1	-
	tsc	27	-	25	2	-
Liquefied petroleum gases (LPG)	t	80	-	3	77	-
	tsc	126	-	5	121	-
Oil bitumen	t	6775	-	6775	-	-
	tsc	9146	-	9146	-	-

3.2.2.4 / Continuation of the table 3.2.2.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	1	-	1	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	306 175	160 92	-	146 83	-
Fuel wood	density, m ³ / tsc	537 142	476 126	-	61 16	-
Wood shavings and chips	t / tsc	1 0	1 0	-	-	-
Other solid biofuel obtained from plants	t / tsc	340 115	340 115	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.5. Manufacture of wearing apparel: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
Hard coal	t / tsc	1119 / 839	1045 / 784	-	74 / 56	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	23 / 8	23 / 8	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	11 / 6	4 / 2	-	7 / 4	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.2.5 / Continuation of the table 3.2.2.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	6629	4340	-	2286	3
	tsc	7689	5035	-	2651	3
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	589	-	-	589	-
	tsc	878	-	-	878	-
Road diesel	t	1329	1	-	1328	-
	tsc	1927	2	-	1925	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	6	-	6	-	-
	tsc	9	-	9	-	-
Liquefied petroleum gases (LPG)	t	99	-	-	99	-
	tsc	155	-	-	155	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.5 / Continuation of the table 3.2.2.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t tsc	-	-	-	-	-
Petroleum coke	t tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t tsc	-	-	-	-	-
Additives	t tsc	-	-	-	-	-
Etan	t tsc	-	-	-	-	-
Other oil products	t tsc	-	-	-	-	-
Char coal	density, m ³ tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t tsc	323 185	237 136	-	86 49	-
Fuel wood	density, m ³ tsc	6178 1637	5854 1551	-	324 86	-
Wood shavings and chips	t tsc	1 0	1 0	-	-	-
Other solid biofuel obtained from plants	t tsc	-	-	-	-	-
Liquified biofuel	t tsc	-	-	-	-	-
Biogas	thsd. m ³ tsc	-	-	-	-	-

3.2.2.6. Manufacture of leather and related products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	91 / 68	91 / 68	-	-	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	10 / 6	10 / 6	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	25 / 13	25 / 13	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

8.2.2.6 / Continuation of the table 3.2.2.6

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	4738	3906	-	832	-
	tsc	5496	4531	-	965	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	163	-	-	163	-
	tsc	243	-	-	243	-
Road diesel	t	919	-	-	919	-
	tsc	1333	-	-	1333	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	8	-	8	-	-
	tsc	10	-	10	-	-
Liquefied petroleum gases (LPG)	t	27	-	-	27	-
	tsc	42	-	-	42	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.6 / Continuation of the table 3.2.2.6

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	37 21	-	-	37 21	-
Fuel wood	density, m ³ / tsc	3078 816	2942 780	-	136 36	-
Wood shavings and chips	t / tsc	1200 432	1200 432	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.7. Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	328 / 246	310 / 233	-	18 / 14	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m³ / tsc	-	-	-	-	-

8.2.2.7 / Continuation of the table 3.2.2.7

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	24704	21057	-	3648	-
	tsc	28657	24426	-	4231	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	2731	-	2	2729	-
	tsc	4069	-	3	4066	-
Road diesel	t	20083	7	-	20076	-
	tsc	29120	10	-	29110	-
Kerosene	t	0	-	0	-	-
	tsc	0	-	0	-	-
Heavy fuel oil	t	12	-	4	8	-
	tsc	16	-	6	11	-
Light oil distillates and light fractions	t	5	-	-	5	-
	tsc	7	-	-	7	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	544	-	515	28	-
	tsc	745	-	706	39	-
Liquefied petroleum gases (LPG)	t	1491	-	-	1491	-
	tsc	2341	-	-	2341	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.7 / Continuation of the table 3.2.2.7

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	7 / 10	-	7 / 10	-	-
Petroleum coke	t / tsc	- / -	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	- / -	-	-	-	-
Additives	t / tsc	- / -	-	-	-	-
Etan	t / tsc	- / -	-	-	-	-
Other oil products	t / tsc	- / -	-	-	-	-
Char coal	density, m ³ / tsc	- / -	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	27060 / 15505	23744 / 13605	-	3316 / 1900	-
Fuel wood	density, m ³ / tsc	301469 / 79889	178102 / 47197	2340 / 620	121026 / 32072	-
Wood shavings and chips	t / tsc	198675 / 71523	184523 / 66428	0 / 0	14137 / 5089	15 / 5
Other solid biofuel obtained from plants	t / tsc	65092 / 12180	64263 / 11900	473 / 159	343 / 116	13 / 5
Liquified biofuel	t / tsc	- / -	-	-	-	-
Biogas	thsd. m ³ / tsc	- / -	-	-	-	-

3.2.2.8. Manufacture of paper and paper products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	31734 / 23801	31731 / 23798	- / -	3 / 2	- / -
Brown coal	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat	t / tsc	- / -	- / -	- / -	- / -	- / -
Hard coal briquettes	t / tsc	37 / 22	36 / 21	- / -	2 / 1	- / -
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat briquettes	t / tsc	152 / 76	152 / 76	- / -	- / -	- / -
Coal coke and coke breeze; gas coke	t / tsc	- / -	- / -	- / -	- / -	- / -
Pitch and coal pitch	t / tsc	- / -	- / -	- / -	- / -	- / -
Coal, brown coal or peat tar	t / tsc	- / -	- / -	- / -	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Blast furnace gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -

3.2.2.8 / Continuation of the table 3.2.2.8

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	189677	168312	120	21245	-
	tsc	220026	195242	139	24644	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	1144	-	-	1144	-
	tsc	1705	-	-	1705	-
Road diesel	t	5705	-	-	5705	-
	tsc	8273	-	-	8273	-
Kerosene	t	1	-	1	-	-
	tsc	1	-	1	-	-
Heavy fuel oil	t	100	100	-	-	-
	tsc	137	137	-	-	-
Light oil distillates and light fractions	t	0	-	0	-	-
	tsc	0	-	0	-	-
Middle oil distillates, other middle fractions	t	1327	1327	-	-	-
	tsc	1924	1924	-	-	-
Lubricants	t	301	-	301	0	-
	tsc	413	-	412	1	-
Liquefied petroleum gases (LPG)	t	1002	-	-	1002	-
	tsc	1573	-	-	1573	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.8 / Continuation of the table 3.2.2.8

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	6279 3598	5419 3105	-	860 493	-
Fuel wood	density, m ³ / tsc	19436 5151	17855 4732	-	1581 419	-
Wood shavings and chips	t / tsc	14420 5191	14420 5191	-	-	-
Other solid biofuel obtained from plants	t / tsc	844 284	844 284	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.9. Printing and reproduction of recorded media: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	65 / 49	41 / 31	-	23 / 17	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	10 / 5	10 / 5	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.9 / Continuation of the table 3.2.2.9

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³ tsc	-	-	-	-	-
Natural gas	thsd. m ³ tsc	4226 4903	2466 2861	-	1760 2042	-
Conventional crude oil including observed from bitumenous minerals	t tsc	-	-	-	-	-
Natural gas liquids (NGL)	t tsc	-	-	-	-	-
Motor gasoline	t tsc	523 779	-	-	523 779	-
Road diesel	t tsc	1302 1888	3 4	-	1300 1884	-
Kerosene	t tsc	4 5	-	2 2	2 3	-
Heavy fuel oil	t tsc	-	-	-	-	-
Light oil distillates and light fractions	t tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t tsc	-	-	-	-	-
Lubricants	t tsc	17 23	-	17 23	-	-
Liquefied petroleum gases (LPG)	t tsc	243 381	-	-	243 381	-
Oil bitumen	t tsc	-	-	-	-	-

3.2.2.9 / Continuation of the table 3.2.2.9

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	239 137	6 4	-	233 133	-
Fuel wood	density, m ³ / tsc	313 83	287 76	-	26 7	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.10. Manufacture of coke and refined petroleum products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	7626714 / 5720035	7626714 / 5720035	-	-	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	466770 / 150300	430694 / 138683	-	36077 / 11617	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	1705 / 853	628 / 314	-	279 / 139	799 / 400
Coal coke and coke breeze; gas coke	t / tsc	16 / 15	-	-	16 / 15	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	96688 / 125694	-	96688 / 125694	-	-
Coke oven gas	thsd. m ³ / tsc	1819431 / 1038895	1198779 / 684503	-	620652 / 354392	-
Blast furnace gas	thsd. m ³ / tsc	301616 / 44036	301616 / 44036	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.10 / Continuation of the table 3.2.2.10

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	21040	21018	-	22	-
	tsc	24407	24381	-	26	-
Conventional crude oil including observed from bitumenous minerals	t	9306	9306	-	-	-
	tsc	13308	13308	-	-	-
Natural gas liquids (NGL)	t	5433	5431	2	-	-
	tsc	7769	7766	3	-	-
Motor gasoline	t	965	-	-	965	-
	tsc	1438	-	-	1438	-
Road diesel	t	5508	-	116	5392	-
	tsc	7987	-	169	7818	-
Kerosene	t	52	-	47	6	-
	tsc	77	-	69	8	-
Heavy fuel oil	t	2287	-	1512	775	-
	tsc	3133	-	2072	1061	-
Light oil distillates and light fractions	t	0	-	-	-	0
	tsc	0	-	-	-	0
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	107451	390	107061	-	-
	tsc	147208	534	146674	-	-
Liquefied petroleum gases (LPG)	t	34	-	-	34	-
	tsc	54	-	-	54	-
Oil bitumen	t	6044	-	4791	1253	-
	tsc	8159	-	6467	1692	-

3.2.2.10 / Continuation of the table 3.2.2.10

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	100 / 149	-	-	100 / 149	-
Additives	t / tsc	2813 / 4079	-	2813 / 4079	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	29329 / 42528	23040 / 33409	6289 / 9119	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	-	-	-	-	-
Fuel wood	density, m ³ / tsc	-	-	-	-	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.11. Manufacture of chemicals and chemical products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	12296 / 9222	8202 / 6151	95 / 71	3999 / 2999	-
Brown coal	t / tsc	86 / 25	-	36 / 11	50 / 15	-
Peat	t / tsc	11 / 4	7 / 2	-	4 / 1	-
Hard coal briquettes	t / tsc	19 / 11	19 / 11	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	7313 / 3657	7313 / 3657	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	967 / 941	-	-	967 / 941	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.11 / Continuation of the table 3.2.2.11

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	1212940	270919	770262	171759	-
	tsc	1407010	314266	893503	199241	-
Conventional crude oil including observed from bitumenous minerals	t	135	-	-	135	-
	tsc	193	-	-	193	-
Natural gas liquids (NGL)	t	604	353	-	251	-
	tsc	864	504	-	359	-
Motor gasoline	t	3842	-	2	3834	7
	tsc	5725	-	2	5713	10
Road diesel	t	11428	67	14	11340	7
	tsc	16571	98	20	16443	11
Kerosene	t	5	-	5	0	-
	tsc	7	-	7	0	-
Heavy fuel oil	t	3071	3071	-	-	-
	tsc	4208	4208	-	-	-
Light oil distillates and light fractions	t	1093	-	1093	-	-
	tsc	1585	-	1585	-	-
Middle oil distillates, other middle fractions	t	7616	7601	15	-	-
	tsc	11043	11022	22	-	-
Lubricants	t	5285	-	5271	15	-
	tsc	7241	-	7221	20	-
Liquefied petroleum gases (LPG)	t	921	-	2	919	-
	tsc	1446	-	3	1443	-
Oil bitumen	t	12	-	12	-	-
	tsc	17	-	17	-	-

3.2.2.11 / Continuation of the table 3.2.2.11

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	22	-	22	-	-
Petroleum coke	t / tsc	32	-	32	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	1	-	-	1	-
Additives	t / tsc	1	-	-	1	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	6319	6078	242	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	14191	6399	-	7792	-
Fuel wood	density, m ³ / tsc	19207	7242	11209	756	-
Wood shavings and chips	t / tsc	25474	25474	-	-	-
Other solid biofuel obtained from plants	t / tsc	14927	14332	-	595	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.12. Manufacture of basic pharmaceutical products and pharmaceutical preparations: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	28 / 21	28 / 21	-	-	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	0 / 0	-	-	0 / 0	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.12 / Continuation of the table 3.2.2.12

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	21324	21263	-	61	-
	tsc	24736	24665	-	71	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	3173	-	-	3173	-
	tsc	4727	-	-	4727	-
Road diesel	t	2885	-	-	2885	-
	tsc	4183	-	-	4183	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	10	-	10	-	-
	tsc	13	-	13	-	-
Liquefied petroleum gases (LPG)	t	129	-	-	129	-
	tsc	202	-	-	202	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.12 / Continuation of the table 3.2.2.12

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	1365 782	1319 756	- -	46 26	- -
Fuel wood	density, m ³ / tsc	4263 1130	4134 1096	- -	129 34	- -
Wood shavings and chips	t / tsc	- -	- -	- -	- -	- -
Other solid biofuel obtained from plants	t / tsc	- -	- -	- -	- -	- -
Liquified biofuel	t / tsc	- -	- -	- -	- -	- -
Biogas	thsd. m ³ / tsc	- -	- -	- -	- -	- -

3.2.2.13. Manufacture of rubber and plastic products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	413 / 309	284 / 213	-	128 / 96	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	3 / 2	-	-	3 / 2	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	398 / 199	378 / 189	-	20 / 10	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.3.2.13 / Continuation of the table 3.3.2.13

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³ tsc	-	-	-	-	-
Natural gas	thsd. m ³ tsc	18274 21197	7283 8448	-	10991 12749	-
Conventional crude oil including observed from bitumenous minerals	t tsc	-	-	-	-	-
Natural gas liquids (NGL)	t tsc	-	-	-	-	-
Motor gasoline	t tsc	1859 2769	-	-	1859 2769	-
Road diesel	t tsc	8755 12694	-	7 11	8747 12684	-
Kerosene	t tsc	12 17	-	1 2	10 15	-
Heavy fuel oil	t tsc	41 55	-	41 55	-	-
Light oil distillates and light fractions	t tsc	6 9	-	6 9	-	-
Middle oil distillates, other middle fractions	t tsc	86 124	-	-	86 124	-
Lubricants	t tsc	2314 3170	-	2314 3170	-	-
Liquefied petroleum gases (LPG)	t tsc	1212 1903	-	-	1212 1903	-
Oil bitumen	t tsc	2 2	-	2 2	0 0	-

3.3.2.13 / Continuation of the table 3.3.2.13

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	40	-	40	0	-
Petroleum coke	t / tsc	59	-	59	0	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	2 / 3	-	-	2 / 3	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	3579 / 2051	3272 / 1875	-	307 / 176	-
Fuel wood	density, m ³ / tsc	2821 / 747	1742 / 462	-	1079 / 286	-
Wood shavings and chips	t / tsc	751 / 270	751 / 270	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.14. Manufacture of other non-metallic mineral products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	955739 / 716804	4974 / 3730	6306 / 4729	944459 / 708345	-
Brown coal	t / tsc	962 / 283	-	716 / 210	246 / 72	-
Peat	t / tsc	550 / 177	-	426 / 137	124 / 40	-
Hard coal briquettes	t / tsc	1192 / 703	-	-	1192 / 703	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	7874 / 3937	909 / 455	-	6965 / 3482	-
Coal coke and coke breeze; gas coke	t / tsc	33632 / 32724	-	10831 / 10539	22800 / 22184	1 / 1
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.14 / Continuation of the table 3.2.2.14

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	481580	44336	63	437181	0
	tsc	558632	51429	73	507130	0
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	5383	11	15	5357	-
	tsc	8020	16	22	7982	-
Road diesel	t	69151	0	35	69115	-
	tsc	100269	0	51	100217	-
Kerosene	t	84	-	41	43	-
	tsc	123	-	60	64	-
Heavy fuel oil	t	1547	-	36	1511	-
	tsc	2119	-	49	2070	-
Light oil distillates and light fractions	t	4	-	3	1	-
	tsc	6	-	5	1	-
Middle oil distillates, other middle fractions	t	2064	-	-	2064	-
	tsc	2992	-	-	2992	-
Lubricants	t	2034	-	1983	51	-
	tsc	2787	-	2717	70	-
Liquefied petroleum gases (LPG)	t	2260	-	29	2231	-
	tsc	3548	-	46	3502	-
Oil bitumen	t	74040	-	61625	12415	-
	tsc	99954	-	83194	16760	-

3.2.2.14 / Continuation of the table 3.2.2.14

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	3 / 4	-	2 / 4	0 / 1	-
Petroleum coke	t / tsc	33884 / 36595	-	33884 / 36595	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	16 / 24	-	-	16 / 24	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	303 / 440	-	72 / 104	232 / 336	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	40028 / 22936	13927 / 7980	-	26102 / 14956	-
Fuel wood	density, m ³ / tsc	13235 / 3507	7470 / 1979	-	5765 / 1528	-
Wood shavings and chips	t / tsc	10114 / 3641	1367 / 492	-	8748 / 3149	-
Other solid biofuel obtained from plants	t / tsc	10072 / 3394	6376 / 2149	1499 / 505	2198 / 741	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.15. Metallurgical industry: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	8115473 / 6086605	6111724 / 4583793	114851 / 86138	1888898 / 1416674	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	5149 / 1658	-	-	5149 / 1658	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	14 / 7	-	-	14 / 7	-
Coal coke and coke breeze; gas coke	t / tsc	11406722 / 11098741	4779775 / 4650721	472795 / 460030	6154152 / 5987990	-
Pitch and coal pitch	t / tsc	7919 / 10057	-	7919 / 10057	-	-
Coal, brown coal or peat tar	t / tsc	1373 / 1785	-	1373 / 1785	-	-
Coke oven gas	thsd. m ³ / tsc	2084540 / 1190272	444173 / 253623	4855 / 2772	1635512 / 933877	-
Blast furnace gas	thsd. m ³ / tsc	24616556 / 3594017	9135496 / 1333782	102861 / 15018	15365849 / 2243414	12349 / 1803
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	192841 / 63637	130448 / 43048	-	62393 / 20590	-

3.2.2.15 / Continuation of the table 3.2.2.15

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	9527	-	6582	2945	-
	tsc	2982	-	2060	922	-
Natural gas	thsd. m ³	2580311	592992	1133	1986186	-
	tsc	2993161	687871	1314	2303976	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	4046	-	0	4046	-
	tsc	6029	-	0	6029	-
Road diesel	t	93697	4	3	93690	-
	tsc	135860	5	4	135851	-
Kerosene	t	732	-	47	685	-
	tsc	1076	-	69	1007	-
Heavy fuel oil	t	1106	1106	-	-	-
	tsc	1516	1516	-	-	-
Light oil distillates and light fractions	t	13	-	13	-	-
	tsc	19	-	19	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	22068	-	21813	255	-
	tsc	30233	-	29884	349	-
Liquefied petroleum gases (LPG)	t	3892	-	2	3890	-
	tsc	6110	-	3	6107	-
Oil bitumen	t	18	-	18	-	-
	tsc	25	-	25	-	-

3.2.2.15 / Continuation of the table 3.2.2.15

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	39 / 58	-	-	39 / 58	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	136 / 196	-	136 / 196	-	-
Char coal	density, m ³ / tsc	116 / 108	-	-	116 / 108	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	37372 / 21414	877 / 503	36454 / 20888	41 / 23	-
Fuel wood	density, m ³ / tsc	1700 / 451	465 / 123	-	1235 / 327	-
Wood shavings and chips	t / tsc	163 / 59	161 / 58	-	2 / 1	-
Other solid biofuel obtained from plants	t / tsc	62136 / 20940	66 / 22	-	62070 / 20917	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.16. Manufacture of fabricated metal products, except machinery and equipment: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	1529 / 1147	1413 / 1060	-	116 / 87	-
Brown coal	t / tsc	2 / 1	-	-	2 / 1	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	1 / 1	-	-	1 / 1	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	138 / 69	94 / 47	-	44 / 22	-
Coal coke and coke breeze; gas coke	t / tsc	2052 / 1996	-	293 / 285	1759 / 1712	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.16 / Continuation of the table 3.2.2.16

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	38795	16677	4	22113	-
	tsc	45002	19346	5	25652	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	2504	-	0	2503	-
	tsc	3730	-	0	3730	-
Road diesel	t	8411	85	0	8326	-
	tsc	12196	123	1	12073	-
Kerosene	t	26	-	19	7	-
	tsc	39	-	28	11	-
Heavy fuel oil	t	88	56	-	32	-
	tsc	120	76	-	44	-
Light oil distillates and light fractions	t	9	-	8	1	-
	tsc	13	-	11	2	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	1470	-	1467	3	-
	tsc	2013	-	2010	3	-
Liquefied petroleum gases (LPG)	t	639	-	0	639	-
	tsc	1004	-	1	1003	-
Oil bitumen	t	0	-	0	-	-
	tsc	0	-	0	-	-

3.2.2.16 / Continuation of the table 3.2.2.16

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	0	-	0	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	50 / 75	-	-	50 / 75	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	4776 / 2737	4504 / 2581	-	272 / 156	-
Fuel wood	density, m ³ / tsc	23616 / 6258	18126 / 4803	-	5490 / 1455	-
Wood shavings and chips	t / tsc	315 / 114	311 / 112	-	4 / 1	-
Other solid biofuel obtained from plants	t / tsc	2294 / 773	2210 / 745	-	83 / 28	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.17. Manufacture of computer, electronic and optical products: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	17 / 12	10 / 8	-	7 / 5	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.17 / Continuation of the table 3.2.2.17

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	3776	2961	-	814	-
	tsc	4380	3435	-	945	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	755	-	0	755	-
	tsc	1125	-	0	1125	-
Road diesel	t	773	-	-	773	-
	tsc	1121	-	-	1121	-
Kerosene	t	3	-	3	0	-
	tsc	5	-	4	0	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	6	-	6	0	-
	tsc	8	-	8	0	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	60	-	60	-	-
	tsc	83	-	83	-	-
Liquefied petroleum gases (LPG)	t	128	-	-	128	-
	tsc	201	-	-	201	-
Oil bitumen	t	1	-	1	-	-
	tsc	1	-	1	-	-

3.2.2.17 / Continuation of the table 3.2.2.17

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	0	-	0	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	782 448	681 390	-	101 58	-
Fuel wood	density, m ³ / tsc	1000 265	919 243	-	81 21	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	20 7	20 7	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.18. / Manufacture of electrical equipment: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	65912 / 49434	438 / 328	65459 / 49094	15 / 11	-
Brown coal	t / tsc	5 / 1	5 / 1	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	9237 / 8987	-	8173 / 7953	1063 / 1035	-
Pitch and coal pitch	t / tsc	24819 / 31521	-	24819 / 31521	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.18 / Continuation of the table 3.2.2.18

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	39994	22702	-	17293	-
	tsc	46394	26334	-	20060	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	2402	-	2	2401	-
	tsc	3579	-	2	3577	-
Road diesel	t	5250	14	1	5236	-
	tsc	7612	20	1	7592	-
Kerosene	t	20	-	20	0	-
	tsc	29	-	29	0	-
Heavy fuel oil	t	30	30	-	-	-
	tsc	41	41	-	-	-
Light oil distillates and light fractions	t	21	-	21	-	-
	tsc	30	-	30	-	-
Middle oil distillates, other middle fractions	t	20	-	-	20	-
	tsc	28	-	-	28	-
Lubricants	t	4461	-	4454	7	-
	tsc	6112	-	6102	10	-
Liquefied petroleum gases (LPG)	t	474	-	8	466	-
	tsc	744	-	13	732	-
Oil bitumen	t	323	-	323	-	-
	tsc	436	-	436	-	-

3.2.2.18 / Continuation of the table 3.2.2.18

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	83 / 122	-	4 / 6	78 / 116	-
Petroleum coke	t / tsc	- / -	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	2 / 2	-	-	2 / 2	-
Additives	t / tsc	- / -	-	-	-	-
Etan	t / tsc	- / -	-	-	-	-
Other oil products	t / tsc	40 / 58	-	40 / 58	-	-
Char coal	density, m ³ / tsc	19 / 17	-	1 / 1	18 / 16	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	317 / 182	309 / 177	-	8 / 4	-
Fuel wood	density, m ³ / tsc	5053 / 1339	4936 / 1308	-	118 / 31	-
Wood shavings and chips	t / tsc	3275 / 1179	3275 / 1179	-	-	-
Other solid biofuel obtained from plants	t / tsc	570 / 192	570 / 192	-	-	-
Liquified biofuel	t / tsc	- / -	-	-	-	-
Biogas	thsd. m ³ / tsc	- / -	-	-	-	-

3.2.2.19. Manufacture of machinery and equipment n.e.c. : 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	4687 / 3515	771 / 578	-	3917 / 2938	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	1 / 0	1 / 0	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	64 / 32	61 / 30	-	3 / 2	-
Coal coke and coke breeze; gas coke	t / tsc	933 / 908	-	15 / 15	918 / 893	-
Pitch and coal pitch	t / tsc	11 / 13	-	-	11 / 13	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.19 / Continuation of the table 3.2.2.19

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	184568	67413	-	117156	-
	tsc	214099	78199	-	135900	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	4440	0	4	4436	-
	tsc	6616	0	6	6610	-
Road diesel	t	10130	64	27	10040	3
	tsc	14689	93	39	14558	5
Kerosene	t	158	-	79	79	-
	tsc	232	-	116	116	-
Heavy fuel oil	t	40	-	10	30	-
	tsc	55	-	14	42	-
Light oil distillates and light fractions	t	89	-	67	23	-
	tsc	129	-	96	33	-
Middle oil distillates, other middle fractions	t	45	-	45	-	-
	tsc	65	-	65	-	-
Lubricants	t	3053	-	2866	187	-
	tsc	4182	-	3926	256	-
Liquefied petroleum gases (LPG)	t	809	-	2	807	-
	tsc	1270	-	3	1267	-
Oil bitumen	t	1	-	1	-	-
	tsc	1	-	1	-	-

3.2.2.19 / Continuation of the table 3.2.2.19

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	2 / 3	-	2 / 3	-	-
Petroleum coke	t / tsc	- / -	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	49 / 73	-	-	49 / 73	-
Additives	t / tsc	1 / 1	-	1	-	-
Etan	t / tsc	- / -	-	-	-	-
Other oil products	t / tsc	48 / 69	-	9 / 13	39 / 56	-
Char coal	density, m ³ / tsc	8 / 7	-	-	8 / 7	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	4510 / 2584	4406 / 2525	-	104 / 60	-
Fuel wood	density, m ³ / tsc	23083 / 6117	19541 / 5178	-	3541 / 938	-
Wood shavings and chips	t / tsc	862 / 310	440 / 159	-	421 / 152	-
Other solid biofuel obtained from plants	t / tsc	1923 / 648	1707 / 575	-	215 / 73	-
Liquified biofuel	t / tsc	- / -	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.20. Manufacture of motor vehicles, trailers and semi-trailers: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	22 / 16	5 / 4	-	17 / 13	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	3 / 2	-	-	3 / 2	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.20 / Continuation of the table 3.2.2.20

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	12046	5607	-	6439	-
	tsc	13973	6504	-	7469	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	1069	-	-	1069	-
	tsc	1593	-	-	1593	-
Road diesel	t	3247	-	0	3247	-
	tsc	4709	-	0	4708	-
Kerosene	t	11	-	6	5	-
	tsc	16	-	9	7	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	2	-	2	-	-
	tsc	3	-	3	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	419	-	419	-	-
	tsc	574	-	574	-	-
Liquefied petroleum gases (LPG)	t	130	-	-	130	-
	tsc	204	-	-	204	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.20 / Continuation of the table 3.2.2.20

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	0	-	0	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	323 185	249 143	-	74 42	-
Fuel wood	density, m ³ / tsc	2004 531	1846 489	-	158 42	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	544 183	544 183	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.21. Manufacture of other transport equipment: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	338 / 253	330 / 248	-	7 / 6	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	118 / 69	118 / 69	-	-	-
Brown coal briquettes (BKB)	t / tsc	6 / 3	-	-	6 / 3	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	691 / 672	-	-	691 / 672	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	204 / 116	-	-	204 / 116	-
Blast furnace gas	thsd. m ³ / tsc	169 / 25	-	-	169 / 25	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.21 / Continuation of the table 3.2.2.21

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	117304	100232	-	17071	-
	tsc	136072	116269	-	19803	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	2890	-	22	2868	-
	tsc	4306	-	32	4274	-
Road diesel	t	7247	1	-	7247	-
	tsc	10508	1	-	10508	-
Kerosene	t	4593	-	72	4521	-
	tsc	6661	-	105	6556	-
Heavy fuel oil	t	145	114	-	31	-
	tsc	199	157	-	42	-
Light oil distillates and light fractions	t	161	-	160	1	-
	tsc	234	-	232	2	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	969	-	961	8	-
	tsc	1327	-	1316	11	-
Liquefied petroleum gases (LPG)	t	129	-	6	124	-
	tsc	203	-	9	194	-
Oil bitumen	t	4	-	4	-	-
	tsc	5	-	5	-	-

3.2.2.21 / Continuation of the table 3.2.2.21

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	8	-	8	-	-
Petroleum coke	t / tsc	11	-	11	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	1	-	1	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	12	-	12	-	-
Char coal	density, m ³ / tsc	3	-	-	3	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	265	250	-	15	-
Fuel wood	density, m ³ / tsc	3285	1685	-	1601	-
Wood shavings and chips	t / tsc	15	-	0	15	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.22. Manufacture of furniture: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
Hard coal	t / tsc	797 / 598	717 / 538	-	80 / 60	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	6 / 3	6 / 3	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.22 / Continuation of the table 3.2.2.22

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	3832	866	-	2966	-
	tsc	4445	1005	-	3440	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	578	-	-	578	-
	tsc	861	-	-	861	-
Road diesel	t	4394	1	-	4393	-
	tsc	6371	1	-	6369	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	-	-	-	-	-
	tsc	-	-	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	135	-	135	-	-
	tsc	184	-	184	-	-
Liquefied petroleum gases (LPG)	t	531	-	-	531	-
	tsc	833	-	-	833	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.22 / Continuation of the table 3.2.2.22

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	69 / 102	-	69 / 102	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	2732 / 1566	2578 / 1477	-	155 / 89	-
Fuel wood	density, m ³ / tsc	15210 / 4031	13994 / 3708	-	1216 / 322	-
Wood shavings and chips	t / tsc	7509 / 2703	7371 / 2653	-	138 / 50	-
Other solid biofuel obtained from plants	t / tsc	1018 / 343	1018 / 343	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.23. Other manufacturing: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	37 / 28	-	-	37 / 28	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	-	-	-	-	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.23 / Continuation of the table 3.2.2.23

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	2789	1784	5	1001	-
	tsc	3235	2069	5	1161	-
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	383	-	-	383	-
	tsc	570	-	-	570	-
Road diesel	t	768	-	-	768	-
	tsc	1114	-	-	1114	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	53	53	-	-	-
	tsc	73	73	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	30	-	30	-	-
	tsc	42	-	42	-	-
Liquefied petroleum gases (LPG)	t	58	-	-	58	-
	tsc	90	-	-	90	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.2.2.23 / Continuation of the table 3.2.2.23

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	8 / 11	-	8 / 11	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	0 / 0	-	0 / 0	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	27 / 15	3 / 2	-	24 / 14	-
Fuel wood	density, m ³ / tsc	12744 / 3377	12325 / 3266	-	419 / 111	-
Wood shavings and chips	t / tsc	475 / 171	475 / 171	-	-	-
Other solid biofuel obtained from plants	t / tsc	-	-	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.24. Repair and installation of machinery and equipment: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	3181 / 2386	2785 / 2089	-	396 / 297	-
Brown coal	t / tsc	14 / 4	-	-	14 / 4	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	-	-	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	1 / 1	-	-	1 / 1	-
Coal coke and coke breeze; gas coke	t / tsc	2 / 2	-	-	2 / 2	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.2.2.24 / Continuation of the table 3.2.2.24

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	9575	6443	204	2928	-
	tsc	11107	7474	237	3396	-
Conventional crude oil including observed from bitumenous minerals	t	0	-	0	-	-
	tsc	0	-	0	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	4542	10	1	4531	-
	tsc	6768	15	1	6751	-
Road diesel	t	21657	448	22	21187	-
	tsc	31403	650	32	30721	-
Kerosene	t	94	-	21	73	-
	tsc	136	-	30	106	-
Heavy fuel oil	t	11	6	5	-	-
	tsc	15	8	7	-	-
Light oil distillates and light fractions	t	39	-	22	17	-
	tsc	56	-	31	25	-
Middle oil distillates, other middle fractions	t	12	-	-	12	-
	tsc	18	-	-	18	-
Lubricants	t	1300	-	1300	-	-
	tsc	1781	-	1781	-	-
Liquefied petroleum gases (LPG)	t	906	-	5	902	-
	tsc	1423	-	7	1416	-
Oil bitumen	t	0	-	0	-	-
	tsc	0	-	0	-	-

3.2.2.24 / Continuation of the table 3.2.2.24

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	95 138	10 15	15 22	70 101	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	7360 4217	7271 4166	-	89 51	-
Fuel wood	density, m ³ / tsc	13421 3557	12767 3383	-	655 173	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	2023 682	1987 670	-	37 12	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.2.3. Electricity, gas, steam and air conditioning supply: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	24636413 / 18477310	24505978 / 18379483	41 / 31	126627 / 94970	3767 / 2826
Brown coal	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat	t / tsc	1157 / 373	1157 / 373	- / -	- / -	- / -
Hard coal briquettes	t / tsc	1300 / 767	1300 / 767	- / -	- / -	- / -
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat briquettes	t / tsc	5513 / 2756	5341 / 2671	- / -	172 / 86	- / -
Coal coke and coke breeze; gas coke	t / tsc	24 / 23	- / -	- / -	24 / 23	- / -
Pitch and coal pitch	t / tsc	- / -	- / -	- / -	- / -	- / -
Coal, brown coal or peat tar	t / tsc	- / -	- / -	- / -	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	4855 / 2772	4855 / 2772	- / -	- / -	- / -
Blast furnace gas	thsd. m ³ / tsc	60641 / 8854	60641 / 8854	- / -	- / -	- / -
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -

3.2.3 / Continuation of the table 3.2.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	6582	6582	-	-	-
	tsc	2060	2060	-	-	-
Natural gas	thsd. m ³	8559324	7101742	80561	793168	583853
	tsc	9928816	8238021	93451	920075	677269
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	28727	2	1	28724	-
	tsc	42804	3	2	42799	-
Road diesel	t	30865	2	3	30859	-
	tsc	44754	3	5	44746	-
Kerosene	t	41	-	8	33	-
	tsc	60	-	12	48	-
Heavy fuel oil	t	523312	521711	-	1601	-
	tsc	716937	714744	-	2193	-
Light oil distillates and light fractions	t	23	-	21	1	-
	tsc	33	-	31	2	-
Middle oil distillates, other middle fractions	t	126	126	-	-	-
	tsc	183	183	-	-	-
Lubricants	t	4431	-	4128	304	-
	tsc	6071	-	5655	416	-
Liquefied petroleum gases (LPG)	t	12760	-	28	12685	48
	tsc	20033	-	43	19915	75
Oil bitumen	t	129	-	91	38	-
	tsc	174	-	123	51	-

3.2.3 / Continuation of the table 3.2.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t	-	-	-	-	-
	tsc	-	-	-	-	-
Petroleum coke	t	9	-	-	9	-
	tsc	10	-	-	10	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t	-	-	-	-	-
	tsc	-	-	-	-	-
Additives	t	0	-	0	-	-
	tsc	0	-	0	-	-
Etan	t	-	-	-	-	-
	tsc	-	-	-	-	-
Other oil products	t	35	-	32	2	-
	tsc	50	-	47	3	-
Char coal	density, m ³	1078	1078	-	-	-
	tsc	1003	1003	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t	75262	75146	-	116	-
	tsc	43125	43059	-	66	-
Fuel wood	density, m ³	347042	342791	-	4251	-
	tsc	91966	90840	-	1127	-
Wood shavings and chips	t	216454	216390	-	64	-
	tsc	77924	77900	-	23	-
Other solid biofuel obtained from plants	t	38247	38247	-	-	-
	tsc	12889	12889	-	-	-
Liquified biofuel	t	-	-	-	-	-
	tsc	-	-	-	-	-
Biogas	thsd. m ³	25286	25286	-	-	-
	tsc	43492	43492	-	-	-

3.2.4. Water supply; sewerage, waste management and remediation activities: 2017

Water supply; sewerage, waste management and remediation activities: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	18484 / 13863	17604 / 13203	- / -	880 / 660	- / -
Brown coal	t / tsc	4 / 1	- / -	- / -	4 / 1	- / -
Peat	t / tsc	- / -	- / -	- / -	- / -	- / -
Hard coal briquettes	t / tsc	345 / 204	336 / 198	- / -	10 / 6	- / -
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat briquettes	t / tsc	759 / 379	728 / 364	- / -	31 / 16	- / -
Coal coke and coke breeze; gas coke	t / tsc	5 / 5	- / -	- / -	5 / 5	- / -
Pitch and coal pitch	t / tsc	- / -	- / -	- / -	- / -	- / -
Coal, brown coal or peat tar	t / tsc	- / -	- / -	- / -	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Blast furnace gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -

3.2.4 / Continuation of the table 3.2.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	19964	14880	2	5078	5
	tsc	23159	17261	2	5890	6
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	13106	32	2	13072	-
	tsc	19528	48	3	19478	-
Road diesel	t	49001	123	1	48877	-
	tsc	71052	178	2	70872	-
Kerosene	t	11	-	3	9	-
	tsc	17	-	4	13	-
Heavy fuel oil	t	171	170	0	1	-
	tsc	234	233	0	1	-
Light oil distillates and light fractions	t	0	-	0	-	-
	tsc	0	-	0	-	-
Middle oil distillates, other middle fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Lubricants	t	1188	-	1155	33	-
	tsc	1627	-	1582	45	-
Liquefied petroleum gases (LPG)	t	4407	-	8	4399	-
	tsc	6919	-	12	6907	-
Oil bitumen	t	3	-	3	-	-
	tsc	4	-	4	-	-

3.2.4 / Continuation of the table 3.2.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	75 108	-	0 0	74 108	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes and pellets made of wood and other natural materials	t / tsc	4075 2335	3074 1761	-	1001 574	-
Fuel wood	density, m ³ / tsc	29131 7720	26540 7033	-	2591 687	-
Wood shavings and chips	t / tsc	155 56	152 55	-	3 1	-
Other solid biofuel obtained from plants	t / tsc	1013 341	991 334	-	22 7	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	3314 5700	3314 5700	-	-	-

3.3. Building: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	2697 / 2023	189 / 141	-	2509 / 1881	-
Brown coal	t / tsc	-	-	-	-	-
Peat	t / tsc	-	-	-	-	-
Hard coal briquettes	t / tsc	13 / 8	13 / 8	-	-	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	149 / 74	12 / 6	-	137 / 68	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.3 / Continuation of the table 3.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final / consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	23806	12719	1	11086	-
	tsc	27615	14754	1	12860	-
Conventional crude oil including observed from bitumenous minerals	t	1112	-	1112	-	-
	tsc	1590	-	1590	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	29386	49	13	29318	7
	tsc	43786	72	19	43684	10
Road diesel	t	194104	4061	103	189939	2
	tsc	281451	5888	149	275411	3
Kerosene	t	65	-	4	60	-
	tsc	95	-	6	88	-
Heavy fuel oil	t	7764	-	1481	6283	-
	tsc	10637	-	2029	8608	-
Light oil distillates and light fractions	t	8	-	8	-	-
	tsc	12	-	12	-	-
Middle oil distillates, other middle fractions	t	677	-	-	677	-
	tsc	982	-	-	982	-
Lubricants	t	2442	-	2427	15	-
	tsc	3346	-	3325	21	-
Liquefied petroleum gases (LPG)	t	5238	-	11	5227	-
	tsc	8223	-	17	8206	-
Oil bitumen	t	108067	-	91980	16087	-
	tsc	145890	-	124172	21718	-

3.3 / Continuation of the table 3.3

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	1	-	1	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	1	-	1	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	1559	-	91	1469	-
Char coal	density, m ³ / tsc	14	-	-	14	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	2819	456	-	2363	-
Fuel wood	density, m ³ / tsc	15574	11892	-	3682	-
Wood shavings and chips	t / tsc	336	5	-	331	-
Other solid biofuel obtained from plants	t / tsc	77	2	-	75	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.4. Wholesale and retail trade and repair of motor vehicles and motorcycles: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t	1593	1150	-	439	4
	tsc	1195	863	-	329	3
Brown coal	t	11	11	-	-	-
	tsc	3	3	-	-	-
Peat	t	-	-	-	-	-
	tsc	-	-	-	-	-
Hard coal briquettes	t	16	-	-	16	-
	tsc	9	-	-	9	-
Brown coal briquettes (BKB)	t	61	60	-	1	-
	tsc	34	34	-	1	-
Peat briquettes	t	444	283	-	160	-
	tsc	222	142	-	80	-
Coal coke and coke breeze; gas coke	t	2	-	-	2	-
	tsc	2	-	-	2	-
Pitch and coal pitch	t	-	-	-	-	-
	tsc	-	-	-	-	-
Coal, brown coal or peat tar	t	-	-	-	-	-
	tsc	-	-	-	-	-
Coke oven gas	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-

3.4 / Continuation of the table 3.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	82531	25672	767	55856	236
	tsc	95736	29779	890	64792	274
Conventional crude oil including observed from bitumenous minerals	t	23	-	-	23	-
	tsc	32	-	-	32	-
Natural gas liquids (NGL)	t	194	-	-	194	-
	tsc	277	-	-	277	-
Motor gasoline	t	59847	7	13	59780	47
	tsc	89172	10	19	89073	70
Road diesel	t	186230	165	6	185836	223
	tsc	270033	239	8	269462	324
Kerosene	t	43	-	-	43	-
	tsc	64	-	-	64	-
Heavy fuel oil	t	16	15	-	1	-
	tsc	22	21	-	1	-
Light oil distillates and light fractions	t	1	-	0	1	-
	tsc	2	-	1	1	-
Middle oil distillates, other middle fractions	t	188	-	-	188	-
	tsc	272	-	-	272	-
Lubricants	t	3484	-	3474	5	5
	tsc	4773	-	4759	7	7
Liquefied petroleum gases (LPG)	t	27206	7	6	26743	451
	tsc	42714	12	9	41986	707
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.4 / Continuation of the table 3.4

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	11 / 17	-	10 / 14	1 / 2	-
Additives	t / tsc	224 / 325	-	224 / 325	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	631 / 915	89 / 130	-	541 / 785	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	13280 / 7609	7719 / 4423	-	5560 / 3186	-
Fuel wood	density, m ³ / tsc	31273 / 8287	23576 / 6248	55 / 15	7642 / 2025	-
Wood shavings and chips	t / tsc	3057 / 1100	2938 / 1058	-	119 / 43	-
Other solid biofuel obtained from plants	t / tsc	16592 / 5591	16079 / 5418	-	513 / 173	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.5. Food and beverage service activities: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	381 / 285	311 / 233	- / -	69 / 52	- / -
Brown coal	t / tsc	5 / 1	- / -	- / -	5 / 1	- / -
Peat	t / tsc	- / -	- / -	- / -	- / -	- / -
Hard coal briquettes	t / tsc	69 / 41	69 / 41	- / -	- / -	- / -
Brown coal briquettes (BKB)	t / tsc	- / -	- / -	- / -	- / -	- / -
Peat briquettes	t / tsc	136 / 68	61 / 31	- / -	75 / 37	- / -
Coal coke and coke breeze; gas coke	t / tsc	- / -	- / -	- / -	- / -	- / -
Pitch and coal pitch	t / tsc	- / -	- / -	- / -	- / -	- / -
Coal, brown coal or peat tar	t / tsc	- / -	- / -	- / -	- / -	- / -
Coke oven gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Blast furnace gas	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	- / -	- / -	- / -	- / -	- / -

3.5 / Continuation of the table 3.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	16049	12303	-	3745	1
	tsc	18617	14271	-	4344	1
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	1403	-	-	1403	-
	tsc	2090	-	-	2090	-
Road diesel	t	1399	12	-	1388	-
	tsc	2029	17	-	2012	-
Kerosene	t	-	-	-	-	-
	tsc	-	-	-	-	-
Heavy fuel oil	t	322	322	-	-	-
	tsc	441	441	-	-	-
Light oil distillates and light fractions	t	-	-	-	-	-
	tsc	-	-	-	-	-
Middle oil distillates, other middle fractions	t	40	40	-	-	-
	tsc	58	58	-	-	-
Lubricants	t	5	-	5	-	-
	tsc	7	-	7	-	-
Liquefied petroleum gases (LPG)	t	691	525	-	166	-
	tsc	1085	824	-	261	-
Oil bitumen	t	-	-	-	-	-
	tsc	-	-	-	-	-

3.5 / Continuation of the table 3.5

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	-	-	-	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	-	-	-	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	-	-	-	-	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	454 260	130 75	-	324 186	-
Fuel wood	density, m ³ / tsc	7442 1972	3559 943	-	3883 1029	-
Wood shavings and chips	t / tsc	-	-	-	-	-
Other solid biofuel obtained from plants	t / tsc	5 2	5 2	-	-	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.6. Transportation and storage: 2017

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	31148 / 23361	9784 / 7338	6 / 5	21358 / 16019	-
Brown coal	t / tsc	7 / 2	5 / 1	-	2 / 1	-
Peat	t / tsc	41 / 13	41 / 13	-	-	-
Hard coal briquettes	t / tsc	100 / 59	11 / 6	-	89 / 52	-
Brown coal briquettes (BKB)	t / tsc	-	-	-	-	-
Peat briquettes	t / tsc	1098 / 549	527 / 263	-	571 / 285	-
Coal coke and coke breeze; gas coke	t / tsc	-	-	-	-	-
Pitch and coal pitch	t / tsc	-	-	-	-	-
Coal, brown coal or peat tar	t / tsc	51 / 66	-	51 / 66	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.6 / Continuation of the table 3.6

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	2326453	107683	-	2181165	37605
	tsc	2698685	124912	-	2530152	43621
Conventional crude oil including observed from bitumenous minerals	t	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas liquids (NGL)	t	-	-	-	-	-
	tsc	-	-	-	-	-
Motor gasoline	t	55576	16	3	55557	0
	tsc	82809	24	5	82780	0
Road diesel	t	1189976	398	8	1189571	0
	tsc	1725465	576	11	1724877	0
Kerosene	t	239888	-	55	239833	-
	tsc	347846	-	80	347766	-
Heavy fuel oil	t	25854	10059	364	15431	-
	tsc	35420	13781	499	21141	-
Light oil distillates and light fractions	t	530	-	26	504	-
	tsc	768	-	38	730	-
Middle oil distillates, other middle fractions	t	2606	206	5	2395	-
	tsc	3779	299	7	3473	-
Lubricants	t	16551	-	16341	210	-
	tsc	22675	-	22387	288	-
Liquefied petroleum gases (LPG)	t	17662	42	12	17608	-
	tsc	27729	65	19	27645	-
Oil bitumen	t	57718	-	56807	911	-
	tsc	77919	-	76689	1230	-

3.6 / Continuation of the table 3.6

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	2 / 4	-	2 / 4	-	-
Petroleum coke	t / tsc	-	-	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	-	-	-	-	-
Additives	t / tsc	26 / 38	-	20 / 28	7 / 9	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	1742 / 2526	138 / 200	395 / 573	1209 / 1752	-
Char coal	density, m ³ / tsc	-	-	-	-	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	9721 / 5570	7885 / 4518	-	1836 / 1052	-
Fuel wood	density, m ³ / tsc	37813 / 10020	17720 / 4696	6 / 1	20087 / 5323	-
Wood shavings and chips	t / tsc	790 / 284	752 / 271	-	38 / 14	-
Other solid biofuel obtained from plants	t / tsc	15597 / 5256	13714 / 4622	39 / 13	1844 / 621	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	-	-	-	-	-

3.7. Other types of economic activity: 2016

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Hard coal	t / tsc	374604 / 280953	225130 / 168848	10 / 8	149463 / 112097	-
Brown coal	t / tsc	4246 / 1248	4161 / 1223	-	84 / 25	-
Peat	t / tsc	3896 / 1255	3768 / 1213	-	129 / 41	-
Hard coal briquettes	t / tsc	2500 / 1475	2078 / 1226	-	422 / 249	-
Brown coal briquettes (BKB)	t / tsc	323 / 182	279 / 157	-	44 / 25	-
Peat briquettes	t / tsc	75847 / 37923	55503 / 27751	-	20344 / 10172	-
Coal coke and coke breeze; gas coke	t / tsc	1092 / 1063	28 / 27	-	1065 / 1036	-
Pitch and coal pitch	t / tsc	2 / 3	-	-	2 / 3	-
Coal, brown coal or peat tar	t / tsc	-	-	-	-	-
Coke oven gas	thsd. m ³ / tsc	-	-	-	-	-
Blast furnace gas	thsd. m ³ / tsc	-	-	-	-	-
Other gas obtained during coal gasification and ferrous metals production	thsd. m ³ / tsc	-	-	-	-	-

3.7 / Continuation of the table 3.7

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
The gas obtained in the process of converter steel production	thsd. m ³	-	-	-	-	-
	tsc	-	-	-	-	-
Natural gas	thsd. m ³	768739	524227	73	244435	5
	tsc	891738	608103	85	283545	5
Conventional crude oil including observed from bitumenous minerals	t	237	-	-	237	-
	tsc	339	-	-	339	-
Natural gas liquids (NGL)	t	1	-	-	1	-
	tsc	1	-	-	1	-
Motor gasoline	t	128471	27	17	128427	-
	tsc	191422	39	26	191357	-
Road diesel	t	132286	3416	6	128864	-
	tsc	191815	4953	9	186853	-
Kerosene	t	7317	-	11	7306	-
	tsc	10610	-	16	10594	-
Heavy fuel oil	t	7333	5879	-	1455	-
	tsc	10047	8054	-	1993	-
Light oil distillates and light fractions	t	11	-	11	-	-
	tsc	16	-	16	-	-
Middle oil distillates, other middle fractions	t	782	643	-	139	-
	tsc	1133	932	-	202	-
Lubricants	t	2177	-	2144	33	-
	tsc	2982	-	2937	45	-
Liquefied petroleum gases (LPG)	t	13235	7	6	13222	-
	tsc	20779	11	9	20759	-
Oil bitumen	t	25245	-	15274	9971	-
	tsc	34081	-	20620	13461	-

3.7 / Continuation of the table 3.7

	Unit	Total	including			
			transformation into other types of fuel and energy	/ non-energy use (raw material)	final consumption	transportation, distribution and storage losses
Oil vaseline, paraffin, mineral waxes and others	t / tsc	0	-	0	-	-
Petroleum coke	t / tsc	178	178	-	-	-
Ethylene, propylene, butylene, butadiene other refinery gas or other hydrocarbons, excluding natural gas	t / tsc	4	-	-	4	-
Additives	t / tsc	256	-	256	-	-
Etan	t / tsc	-	-	-	-	-
Other oil products	t / tsc	327	121	1	205	-
Char coal	density, m ³ / tsc	162	43	-	118	-
Fuel briguettes fnd pellets made of wood and other natural materials	t / tsc	50924	46623	-	4301	-
Fuel wood	density, m ³ / tsc	772052	629076	95	142882	-
Wood shavings and chips	t / tsc	25161	24701	-	460	-
Other solid biofuel obtained from plants	t / tsc	9872	9258	2	612	-
Liquified biofuel	t / tsc	-	-	-	-	-
Biogas	thsd. m ³ / tsc	4163	4163	-	-	-

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Methodological explanations

on some statistical indicators mentioned in the publication

Statistical publication "Fuel and energy resources of Ukraine" are based on statistical data reported on energy by the enterprises and organizations of Ukraine and processed by the state statistics institutions.

Fuel and energy accounts in natural units: tons, thousand cubic meters, dense cub.m, million kW Чh, thousand Gcal.

Ukraine energy balances generated using the outlay and the methodology of the International Energy Agency (IEA) and in accordance with the methodological guidelines for Energy Balance, approved by the State Statistics Committee of Ukraine order of 23.12.2011 № 374 that based on the IEA methodology.

While generating energy balances the indicators of the state statistical reports and administrative information of ministries and institutions of Ukraine are used.

The data of energy balances are given in thousand tons of oil equivalent (ktoe).

To calculate the total size of fuel production and use and to define specific fuel weights in total value, all fuels are converted from natural values into conventional units of coal equivalent (7,000 kcal / kg). Values of calorific equivalents were averaged across Ukraine for the chosen year of working out the reports and they were calculated by the enterprises and organizations actual data that reported in forms No 11 mtp and No 11 mtp (fuel). For converting the regions' data into standard fuel used the average calorific equivalents calculated for Ukraine in whole based on 2016 data.

The names of fuel types are given in accordance with the Industrial Product Nomenclature (HJ J), approved by the State Statistics Committee of Ukraine on 30.08.2002 № 320 (as amended).

Total value of fuel consumption in Ukraine and its regions include energy own use of the enterprises. Data on motor gasoline and gas/diesel oil consumption given including the value of retail trade through the filling stations.

The natural gas volumes include associated gas of oil deposits and methane collected in coal mines.

The hard coal and brown coal volumes include hard coal and lignite ready for use.

The values of electricity generation and output include the electricity generated by all power stations that have independent balance or owned by the industrial, construction, transport, public organizations and other reporting enterprises and organizations.

Indicators of energy supply and release include information on established capacity and volumes of electricity and heat output for all types of power generating capacities: thermal power plants for power generation (electricity plants), heat and power plants (thermal power plants with a combined cycle of production of electric and thermal energy - CHP) , nuclear power plants (NPP), wind power plants, solar power plants, hydroelectric

power stations, pumped hydroelectric power stations, heat plants, utilization installations, electric boilers, heat pumps and other power generating units.

Installed electric and thermal power plants capacity of energy supply sources given for December 31 of the reporting year.

Indicators on the energy use include data on the total use of electricity (active energy), heat energy (steam and hot water) by all income sources (both from own production and from external revenues) for the production, operational, heating and lightening needs of enterprises. Data for 2016-2017 include power generating enterprises (installations) own use, as well as the use of electric power for pumped hydro.

Notion "Total use " include the use of energy materials and oil processing products for transformation into other types of fuel and energy, for non-energy needs (as a raw material), for final consumption, losses in transformation and processing into non-fuel products but also losses in transportation , distribution and storage. The use of energy materials and oil processing products in major directions of their use are given in Sections 2 and 3 of this publication.

Notion "Final fuel consumption" includes the volumes of fuel consumption in all spheres except for the fuel used for transformation into other forms of energy or fuel products and those, which are used for non-energy purposes.

ENERGY BALANCE OF UKRAINE

SUPPLY AND CONSUMPTION	Thousand tonnes of oil equivalent										
	Coal & peat	Crude oil	Oil products	Natural Gas	Nuclear	Hydro	Geotherm. solar etc.	Biofuels & waste	Electricity	Heat	Total
Production											
Imports											
Exports											
Intl. Bunkers											
Stock changes											
TPES											
Transfers											
Statistical differences											
Electricity Plants											
CHP Plants											
Heat Plants											
Blast furnaces											
Gas works											
Coke/pat.fuel/BKB plants											
Oil Refineries											
Petrochemical plants											
Other Transformation											
Energy industry own us											
Losses											
TFC											
INDUSTRY											
Iron and steel											
Chemical and petrochemical											
Non-ferrous metals											
Non-metallic minerals											

SUPPLY AND CONSUMPTION	Thousand tonnes of oil equivalent										
	Coal & peat	Crude oil	Oil products	Natural Gas	Nuclear	Hydro	Geotherm. solar etc.	Biofuels & waste	Electricity	Heat	Total
Transport equipment											
Machinery											
Mining and quarrying											
Food and tobacco											
Paper Pulp and Printing											
Wood and wood products											
Construction											
Textile and leather											
Non-specified											
TRANSPORT											
Domestic aviation											
Road											
Rail											
Pipeline transport											
Domestic Navigation											
Non-specified											
OTHER											
Residential											
Comm. and Publ. Services											
Agriculture/forestry											
Fishing											
Non-specified											
NON-ENERGY USE											
in Industry/Transf./Energy											
of which: Feedstocks											
in Transport											
in other											

* Production of Coal/Peat includes 3402ktoe of Coal - From Other Sources - Coal

UKRAINE ENERGY BALANCE (BY PRODUCTS)

SUPPLY AND CONSUMPTION	Coal (kt)				Coal gases (TJ)		
	Coking coal	Other bit. coal / anth.	Coke / tar	Pat. fuel / BKB	Gas works gas	Coke oven gas	Recovered gases* (inc. gas work gas)
Production							
From other sources							
Imports							
Exports							
Intl. bunkers							
Stock changes							
DOMESTIC SUPPLY							
Transfers							
Statistical differences							
TRANSFORMATION							
Electricity plants							
CHP plants							
Heat plants							
Blast furnaces							
Gas works							
Coke/pat.fuel/BKB/PB plants							
Other transformation							
Other transformation							
ENERGY IND. OWN USE							
Fuel mining and extraction							
Oil refineries							
Elec., CHP and heat plants							
Pumped storage plants							
Other energy ind. own use							
Losses							
FINAL CONSUMPTION							
INDUSTRY							
Iron and steel							
Chemical and petrochemical							
Non-ferrous metals							
Non-metallic minerals							
Transport equipment							
Machinery							
Mining and quarrying							
Food and tobacco							
Paper, pulp and print							
Wood and wood products							
Construction							
Textile and leather							
Non-specified							
TRANSPORT							
Road							
Railway							
Pipeline transport							
Non-specified							
OTHER							
Residential							
Comm. and public services							
Agriculture/forestry							
Fishing							
Non-specified							
NON-ENERGY USE							
in industry/transf./energy							
of which: chem./petrochem.							
in transport							

(Continuation I)

SUPPLY AND CONSUMPTION	Peat (fuel) (kt)	Natural gas (TJ)	Oil (kt)				
			Crude oil	NGL	Feed- stocks	Additives*	Refinery gas
Production							
From other sources							
Imports							
Exports							
Intl. bunkers							
Stock changes							
DOMESTIC SUPPLY							
Transfers							
Statistical differences							
TRANSFORMATION							
Electricity plants							
CHP plants							
Heat plants							
Gas works							
Coke/pat.fuel/BKB/PB plants							
Other transformation							
ENERGY IND. OWN USE							
Fuel mining and extraction							
Oil refineries							
Elec., CHP and heat plants							
Pumped storage plants							
Other energy ind. own use							
Losses							
FINAL CONSUMPTION							
INDUSTRY							
Iron and steel							
Chemical and petrochemical							
Non-ferrous metals							
Non-metallic minerals							
Transport equipment							
Machinery							
Mining and quarrying							
Food and tobacco							
Paper, pulp and print							
Wood and wood products							
Construction							
Textile and leather							
Non-specified							
TRANSPORT							
Road							
Rail							
Pipeline transport							
Non-specified							
OTHER							
Residential							
Comm. and public services							
Agriculture/forestry							
Fishing							
Non-specified							
NON-ENERGY USE							
in industry/transf./energy of which: chem./petrochem.							
in transport							
Non-specified							

(Continuation II)

SUPPLY AND CONSUMPTION	Oil cont. (kt)						
	LPG	Motor gasoline	Other kerosene	Gas / diesel	Fuel oil	Petroleum coke	Other products
Production							
From other sources							
Imports							
Exports							
Intl. bunkers							
Stock changes							
DOMESTIC SUPPLY							
Transfers							
Statistical differences							
TRANSFORMATION							
Electricity plants							
CHP plants							
Heat plants							
Other transformation							
ENERGY IND. OWN USE							
Fuel mining and extraction							
Oil refineries							
Elec., CHP and heat plants							
Pumped storage plants							
Other energy ind. own use							
Losses							
FINAL CONSUMPTION							
INDUSTRY							
Iron and steel							
Chemical and petrochemical							
Non-ferrous metals							
Non-metallic minerals							
Transport equipment							
Machinery							
Mining and quarrying							
Food and tobacco							
Paper, pulp and print							
Wood and wood products							
Construction							
Textile and leather							
Non-specified							
TRANSPORT							
Domestic aviation							
Road							
Rail							
Pipeline transport							
Domestic navigation							
Non-specified							
OTHER							
Residential							
Comm. and public services							
Agriculture/forestry							
Fishing							
Non-specified							
NON-ENERGY USE							
in industry/transf./energy							
<i>of which: chem./petrochem.</i>							
in transport							
Non-specified							

(Continuation III)

SUPPLY AND CONSUMPTION	Biofuels and waste**				Electricity (GWh)	Heat** (TJ)
	Solid bio-fuels* (TJ)	Liquid bio-fuels (kt)	Biogases (TJ)	Waste / other (TJ)		
Production						
From other sources						
Imports						
Exports						
Intl. bunkers						
Stock changes						
DOMESTIC SUPPLY						
Transfers						
Statistical differences						
TRANSFORMATION						
Electricity plants						
CHP plants						
Heat plants						
Coke/pat.fuel/BKB/PB plants						
Other transformation						
ENERGY IND. OWN USE						
Fuel mining and extraction						
Oil refineries						
Elec., CHP and heat plants						
Pumped storage plants						
Other energy ind. own use						
Losses						
FINAL CONSUMPTION						
INDUSTRY						
Iron and steel						
Chemical and petrochemical						
Non-ferrous metals						
Non-metallic minerals						
Transport equipment						
Machinery						
Mining and quarrying						
Food and tobacco						
Paper, pulp and print						
Wood and wood products						
Construction						
Textile and leather						
Non-specified						
TRANSPORT						
Domestic aviation						
Road						
Rail						
Pipeline transport						
Domestic navigation						
Non-specified						
OTHER						
Residential						
Comm. and public services						
Agriculture/forestry						
Fishing						
Non-specified						
NON-ENERGY USE						
in industry/transf./energy						
of which: chem./petrochem.						
in transport						
Non-specified						