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The publication provides data on social and economic situation in Ukraine in 2017 earlier years.

The publication is intended for a wide audience of readers.

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FOREWORD

Statistical publication contains a wide range of statistical indicators on the country's social and economic situation in 2017 as compared to 2010–2016.

The publication contains the following sections: population and migration, labour market, income and living conditions, communities and housing, education, health care and social protection, justice and crimes, environment, national accounts, prices, Unified State Register of Enterprises and Organisations of Ukraine (Business register), industry, agriculture, hunting, forestry, fishery, capital investment and construction, transport and communications, external economic activity, domestic trade, information society, science and innovations.

Also, the publication contains a separate section that compares basic indicators on Ukraine's social and economic development with indicators from selected countries of the world.

Statistical indicators are broken down by type of economic activity, product type, organisational and legal forms and region.

Some thematic and sectorial indicators for 2017 are preliminary or estimated and probably will be revised in the forthcoming editions. Selected indicators for the previous years have been revised as compared to those previously published. More detailed social and economic characteristics of the country will be available in *Statistical Yearbook of Ukraine for 2017.*

The publication gives information based on the results of the state statistical observations (absolute and relative indicators) for 2014–2017 which is presented and compiled excluding the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of temporarily occupied territories in the Donetsk and Luhansk regions. In addition, the comparison of the relative indicators is ensured. Also, information which is produced according to data from central executive bodies is compiled on the basis of available administrative data. Data on the Donetsk and Luhansk regions present the enterprises, institutions and organisations that submitted reporting to the state statistics bodies.

Please, be aware that on the State Statistics Service of Ukraine official web site (www.ukrstat.gov.ua) you can find more information about the country's social and economic situation.

State Statistics Service of Ukraine

ABBREVIATIONS USED IN THE PUBLICATION

bln.– billion	mm – millimetre
centner (100 kg)	mln. – million
cub.m – cubic metre	mln.t N – million tonnes nitrogen
dal – dekalitre	n.i.e. – not included elsewhere
etc – et cetera	% – percent
g – gramme	pcs – pieces
g/L – gramme per litre	sq.km – square kilometre
ha – hectare	sq.m – square metre
kg – kilogramme	t – tonnes
km – kilometre	thsd. – thousand
kV·A – kilovolt-ampere	tkm – tonne-kilometre
kW – kilowatt	UAH – Ukrainian hryvnya
kW·h – kilowatt-hour	USD – dollar of USA
L – litre	V – volt
m – metre	W – watt

CONVENTIONAL SYMBOLS USED IN THE PUBLICATION

Dash (—)	—	not observed
Dots (…)	—	not available
Zero (0; 0,0)	—	data are very negligible for the units of measurement
Symbol (×)	—	not applicable
“of which”, “including”	—	not all components of the total sum are given. 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

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1. BASIC GEOPOLITICAL AND ECONOMIC CHARACTERISTICS

1.1. Geographical and political characteristics

Ukraine is an Eastern European state washed with the Black and Azov seas to the South.

Present population, as of January 1, 2018	42,4 mln. (excluding the temporary occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol)
Area	603,5 thsd.sq.km (State Service on Geodesy, Cartography and Cadaster of Ukraine)
Length	
from West to East	1316 km
from North to South	893 km
of borders	6993,63 km
Extreme border locations	
Northern	Hremiach Village (Chernihiv oblast)
Southern	Sarych Cape (Autonomous Republic of Crimea)
Western	neighbourhood Chop city (Zakarpattya oblast)
Eastern	Village Rannya Zorya *(formerly Chervona Zirka (Luhansk oblast))*[1]

Neighbouring countries

Poland; Slovakia; Hungary; Romania; Moldova, Republic of; Russian Federation; Belarus.

Climate

The Eastern European Plain (95% of the area), together with Ukrainian Carpathians and Crimean Mountains (5% of the area) have mainly a temperate continental climate. The Southern Crimean climate has subtropical features.

Annual rainfall in 2017

(source: the Ukrainian Hydrometeorological center; mm)

Steppe	430	Forest	740
Forest-steppe	539	Kyiv city	591

Air temperature

Average monthly air temperature in 2017

(source: the Ukrainian Hydrometeorological center; ℃)

	January	***July***
Steppe	–4,6	22,2
Forest-steppe	–5,7	20,2
Forest	–5,7	19,1
Kyiv city	–4,9	20,9

The absolute minimum of air temperature in 2017 – minus 27 – was observed in January in the Kharkiv and in February in the Sumy regions.

The absolute maximum of air temperature in 2017 – plus 41 – was observed in August in the Zaporizhzhya and Mykolayiv regions.

Biggest rivers

(length within the borders of Ukraine; km)

Dnipro	1121	Inhulets	549
Dnister	925	Psel	520
Pivdennyi Boh	806	Sluch	451
Siverskiyi Donets	700	Styr	424
Horyn’	577	Zakhidnyi Boh	401
Desna	575	Oril’	346

Biggest lakes and estuaries

(sq.km of water surface)

Lakes		***Estuaries***	
Yalpuh	149	Dniprovskyi	800
Kagul	90	Utlyutskyi	700
Kugurluy	82	Dnistrovskyi	360
Sasyk	75,3	Sasyk (Kunduk)	210
Katlabuh	68	Molochnyi	168
		Buzkyi	162
		Tylihulskyi	80

Highest mountain peaks *(m)*

Ukrainian Carpathians		*Crimean Mountains*	
Hoverla	2061	Roman-Kosh	1545
Brebenskul	2032	Demir-Kapu	1540
Petros	2020	Zeytin-Kosh	1534
Hutyn Tomnatyk	2016	Kemal-Egerek	1530
Rebra	2001	Eklizi-Burun	1527
Pip Ivan	1936	Angara-Burun	1453

[1] See the footnote to Table 9.2

This geographic note was compiled on the basis of the *National Atlas of Ukraine* (Kyiv: SSPE *Kartographia*, 2007).

Political system

On 28 June, 1996 the Constitution was adopted, which gave Ukraine the status of a republic. The country includes the Autonomous Republic of Crimea and 24 administrative regions (oblasts), Kyiv and Sevastopol cities. These cities have special status prescribed by Ukraine's laws.

The head of the State is the President who executes his authority on its behalf. The President is elected by Ukrainian citizens by equal vote and direct countrywide elections for the period of five years and not more than two consecutive terms.

The integral legislative body is the Parliament – the Verkhovna Rada of Ukraine.

The top executive authority is the Cabinet of Ministers of Ukraine.

Sovereignty and the only source of the government power belong to the people of Ukraine.

The main public holiday is Independence Day – 24 August.

1.2. Religious organisations

(source: the Ministry Culture of Ukraine; beginning of year)

	2011	2013	2014	2015	2016	2017	2018
Total	**33977**	**35116**	**37209**	**35317**	**35709**	**35919**	**36184**
Centres, departments (eparchies, dioceses, etc)	362	382	386	379	378	380	384
Communities	32521	33581	35646	33781	34183	34385	34637
Monasteries	459	500	519	516	516	515	522
Missions	357	370	369	365	359	365	367
Brotherhoods	78	81	83	78	75	72	72
Theological educational institutions	200	202	206	198	198	202	202
Number of clergy	30199	31313	32456	31781	31851	31451	31952
Number of Sunday schools	12762	13157	13104	12406	12171	12922	13282

Of the total religious organisations registered as of January 1, 2018, 19460 were Orthodox, 5192 Catholic, 10438 Protestant, 363 communities of Judaic denomination, 265 Moslem, 161 of Eastern cults and 305 other. In addition, 1120 religious organisations operated unofficially.

1.3. Administrative and territorial units, by region

(source: Verkhovna Rada of Ukraine official web portal; as of January 1, 2018)

	Rayons	United territorial communities	Cities and towns		City districts	Township	Villages
			total	of which have special, republican and oblast status			
Ukraine	**490**	**458**	**461**	**189**	**108**	**883**	**28378**
Autonomous Republic of Crimea	14	—	16	11	3	56	947
oblasts							
Vinnytsya	27	16	18	6	—	29	1457
Volyn	16	20	11	4	—	22	1054
Dnipropetrovsk	22	37	20	13	18	46	1435
Donetsk	18	6	52	28	21	131	1115
Zhytomyr	23	41	12	5	2	43	1613
Zakarpattya	13	5	11	5	—	19	578
Zaporizhzhya	20	15	14	5	7	22	914
Ivano-Frankivsk	14	14	15	6	—	24	765
Kyiv	25	2	26	13	—	30	1126
Kirovohrad	21	5	12	4	2	27	991
Luhansk	18	3	37	14	4	109	780
Lviv	20	15	44	9	6	34	1850
Mykolayiv	19	18	9	5	4	17	885
Odesa	26	15	19	9	4	33	1124
Poltava	25	39	16	6	5	20	1805
Rivne	16	18	11	4	—	16	999
Sumy	18	24	15	7	2	20	1455
Ternopil	17	38	18	4	—	17	1023
Kharkiv	27	3	17	7	9	61	1673
Kherson	18	24	9	4	3	31	658
Khmelnytskiy	20	36	13	6	—	24	1414
Cherkasy	20	26	16	6	2	14	825
Chernivtsi	11	14	11	2	—	8	398
Chernihiv	22	24	16	4	2	29	1465
cities							
Kyiv	—	—	1	1	10	—	—
Sevastopol[1]	—	—	2	1	4	1	29

[1] Including the town of Inkerman, Kacha township and village councils that are subordinated to the city council

1.4. Basic social and economic indicators

	2010	2012	2013	2014	2015	2016	2017
Gross domestic product (at current prices)[1], bln. UAH	1120,6	1459,1	1522,7	1586,9	1988,5	2385,4	2982,9
per capita[1], UAH	24429	32002	33473	36904	46413	55899	70210
Population income, bln. UAH	1101,2	1457,9[1]	1548,7[1]	1516,8[1]	1772,0[1,2]	2051,3[1,2]	2579,1[1,2]
Consumer price index (Dec. over Dec. of the previous year), percent	109,1	99,8	100,5	124,9	143,3	112,4	113,7
Industrial producer price index (Dec. over Dec. of the previous year), percent	118,7	100,3	101,7	131,8	125,4	135,7	116,5
Price index for agriculture products sold by agricultural enterprises (of the previous year), percent	130,0	106,8	97,1	124,3	154,5	109,0	111,5
Financial outcome before taxation, bln. UAH	58,3	101,9	29,3	–523,6	–340,1	–22,2	287,9
Capital investment, bln. UAH	189,1	293,7	267,7	219,4	273,1	359,2	448,5
Residential buildings put into service[3], mln.sq.m of total size	9,3	10,7	11,2	9,7	11,0	9,4	10,2
Freight shipped by all type of carriers, bln.t	1,8	1,9	1,8	1,6	1,5	1,5	1,6

Table 1.4 continued

	2010	2012	2013	2014	2015	2016	2017
Passengers transported by transport of general use[4], bln.	6,8	6,8	6,6	5,9	5,2	4,9	4,6
Exports of goods and services, bln. USD	62,8	81,9	76,5	64,1	46,8	45,1	52,6
Imports of goods and services, bln. USD	66,2	91,4	84,6	60,8	43,0	44,6	55,1
Resident population (end of year), mln.	45,6	45,4	45,2	42,8	42,6	42,4	42,2
Natural increase, decrease (–) in population, thsd.	–200,5	–142,4	–158,7	–166,4	–183,0	–186,6	–210,1
Total employed, thsd.	20266,0	20354,3	20404,1	18073,3[5]	16443,2	16276,9	16156,4
Unemployed (ILO methodology), thsd.	1785,6	1657,2	1576,5	1847,6[5]	1654,7	1678,2	1698,0
Unemployment rate (ILO methodology), percent	8,1	7,5	7,2	9,3[5]	9,1	9,3	9,5
Average monthly nominal wages[6], UAH	2239	3026	3265	3480[5]	4195	5183	7104

[1] The compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree 398 of December 17, 2013)
[2] Updated data
[3] See the footnote to Table 15.5
[4] Including automobile passenger transportation by natural and legal persons of small businesses
[5] Data are presented excluding the temporarily occupied territories of the Autonomous Republic of Crimea, the city of Sevastopol
[6] See the footnote to Table 3.5

1.5. Indices of basic social and economic indicators

(percent of the previous year)

	2010	2012	2013	2014	2015	2016	2017
Gross domestic product[1] (at the prices of the previous year)	104,1	100,2	100,0	93,4	90,2	102,4	102,5
per capita[1]	104,5	100,4	100,3	93,7	90,6	102,9	103,0
Real available income	117,1	113,9[1]	106,1[1]	88,5[1]	79,6[1,2]	102,0[1,2]	107,4[1,2]
Financial outcome from usual activity before taxation	×	83,4	28,7	×	×	×	×
Industrial production[3]	112,0	99,5	95,7	89,9	87,0	102,8	100,4
Agricultural production	98,5	95,5	113,3	102,2	95,2	106,3	97,8
Capital investment	…	108,5	88,9	75,9	98,3	118,0	122,1
Residential buildings put into service	145,9	114,2	104,4	97,9	113,4	84,8	109,0
Freight shipped by all type of carriers	108,7	98,2	99,1	90,1	90,8	104,6	102,6
Passengers transported by transport of general use	94,1	97,6	97,2	94,7	87,5	93,9	100,3
Retail turnover [4] (at comparable prices)	110,2	112,5	106,2	90,2	80,2	104,5	106,0
Exports of goods and services	128,0	100,3	93,3	85,7	73,0	96,4	116,6
Imports of goods and services	130,8	103,0	92,6	72,9	70,7	103,7	123,6
Resident population (end of year)	99,6	99,8	99,7	99,7	99,6	99,6	99,5
Total employed	100,4	100,1	100,2	93,6	…[5]	99,0	99,3
Unemployed (ILO methodology)	91,2	95,6	95,1	122,3	…[5]	101,4	101,2
Average monthly wages							
Nominal	120,0	114,9	107,9	106,0	120,5	123,6	137,1
Real	110,2	114,4	108,2	93,5	79,8	109,0	119,1

[1] See the first footnote to Table 1.4
[2] See the second footnote to Table 1.4
[3] See the footnotes to Table 13.1
[4] Prior to 2016 inclusive, data are presented on legal persons that operated in retail trade, since 2017 they deal with legal persons whose main type of economic activity is retail trade
[5] Data comparisons are impossible due to the change in survey organisation

2. POPULATION AND MIGRATION[1]

2.1. Population[2]

	2002	2011	2012	2013	2014	2015	2016	2017	2018
Present population, mln.	**48,5**	**45,8**	**45,6**	**45,6**	**45,4**	**42,9**	**42,8**	**42,6**	**42,4**
urban	32,6	31,5	31,4	31,4	31,3	29,7	29,6	29,5	29,4
rural	15,9	14,3	14,2	14,2	14,1	13,2	13,2	13,1	13,0
percentage of total population									
urban	67,2	68,7	68,8	68,9	69,0	69,1	69,2	69,2	69,3
rural	32,8	31,3	31,2	31,1	31,0	30,9	30,8	30,8	30,7
Resident population, mln.	**48,2**	**45,6**	**45,5**	**45,4**	**45,2**	**42,8**	**42,6**	**42,4**	**42,2**
males	22,3	21,0	21,0	21,0	20,9	19,8	19,7	19,6	19,5
females	25,9	24,6	24,5	24,4	24,3	23,0	22,9	22,8	22,7
percentage of total population									
males	46,3	46,1	46,2	46,2	46,2	46,3	46,3	46,3	46,3
females	53,7	53,9	53,8	53,8	53,8	53,7	53,7	53,7	53,7

[1] Starting from April 2016 and up to September 2017, information about migration was compiled on the basis of available administrative data supplied by particular registration bodies (executive bodies of rural, village or city councils, rural heads (if the executive body of rural council was not set up according to the legislation)) due to the fact that the State Migration Service of Ukraine stopped the provision of the baseline information to the state statistics bodies for calculating the migratory movement of the population (data on residence registration and deregistration cards in Ukraine)

[2] Here and elsewhere tables to Section 2 containing the statistics on the population for 2002 are based on the Census as of December 5, 2001; for other years, as of January 1

2.2. Present population, by region

(as of January 1, 2018)

	Population, thsd.	Of which		Share of urban population
		urban	rural	
Ukraine	**42386,4**	**29371,0**	**13015,4**	**69,29**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	1575,8	806,3	769,5	51,17
Volyn	1038,5	542,7	495,8	52,26
Dnipropetrovsk	3231,1	2707,0	524,1	83,78
Donetsk	4200,5	3813,3	387,2	90,78
Zhytomyr	1231,2	726,7	504,5	59,02
Zakarpattya	1258,1	465,5	792,6	37,00
Zaporizhzhya	1723,2	1331,5	391,7	77,27
Ivano-Frankivsk	1377,5	606,2	771,3	44,00
Kyiv	1754,3	1089,2	665,1	62,09
Kirovohrad	956,3	603,1	353,2	63,06
Luhansk	2167,8	1884,7	283,1	86,94
Lviv	2529,6	1542,1	987,5	60,96
Mykolayiv	1141,3	779,7	361,6	68,32
Odesa	2383,1	1594,9	788,2	66,93
Poltava	1413,8	878,9	534,9	62,17
Rivne	1160,6	550,9	609,7	47,47
Sumy	1094,3	754,2	340,1	68,92
Ternopil	1052,3	472,7	579,6	44,92
Kharkiv	2694,0	2179,5	514,5	80,90
Kherson	1047,0	641,4	405,6	61,26
Khmelnytskiy	1274,4	723,0	551,4	56,73
Cherkasy	1220,4	690,1	530,3	56,55
Chernivtsi	906,7	390,5	516,2	43,06
Chernihiv	1020,1	662,4	357,7	64,94
cities				
Kyiv	2934,5	2934,5	—	100,0
Sevastopol	…	…	…	…

2.3. Life expectancy at birth, by sex

(years)

	2010[1]	2011	2012	2013	2014	2015	2016
Both sexes	**70,44**	**71,02**	**71,15**	**71,37**	**71,37**	**71,38**	**71,68**
Males	65,28	65,98	66,11	66,34	66,25	66,37	66,73
Females	75,50	75,88	76,02	76,22	76,37	76,25	76,46

[1] Data are produced for the two adjoining years

2.4. Vital statistics

	2010	2011	2012	2013	2014	2015	2016	2017
				Thsd.				
Live births	497,7	502,6	520,7	503,7	465,9	411,8	397,0	364,0
Deaths	698,2	664,6	663,1	662,4	632,3	594,8	583,6	574,1
Natural increase (decrease) in population	–200,5	–162,0	–142,4	–158,7	–166,4	–183,0	–186,6	–210,1
				Units				
Marriages	305,9	355,9	278,3	304,2	295,0	299,0	229,5	249,5
Divorces	126,1[1]	182,5	168,5	164,9	130,7	129,4	130,0	128,7
				Per 1000 present population[2]				
Live births	10,8	11,0	11,4	11,1	10,8	10,7	10,3	9,4
Deaths	15,2	14,5	14,5	14,6	14,7	14,9	14,7	14,5
Natural increase (decrease) in population	–4,4	–3,5	–3,1	–3,5	–3,9	–4,2	–4,4	–5,1
Marriages	6,7	7,8	6,1	6,7	6,9	7,8	5,9	6,5
Divorces	2,7[1]	4,0	3,7	3,6	3,0	3,3	3,3	3,3

[1] According to data from bodies of the state registration of acts of civil status not including the annulment of marriages fulfilled through the courts
[2] Since 2015, calculated excluding data on the Donetsk and Luhansk regions

2.5. Vital statistics in 2017, by region

(persons)

	Live births	Deaths	Natural increase (decrease) in population
Ukraine	**363987**	**574123**	**–210136**
Autonomous Republic of Crimea	…	…	…
oblasts			
Vinnytsya	14142	24066	–9924
Volyn	11914	13588	–1674
Dnipropetrovsk	27504	50906	–23402
Donetsk	17691	37419	–19728
Zhytomyr	11645	20000	–8355
Zakarpattya	14552	15077	–525
Zaporizhzhya	14155	27758	–13603
Ivano-Frankivsk	13426	17306	–3880
Kyiv	16998	27862	–10864
Kirovohrad	7845	15694	–7849
Luhansk	5973	14314	–8341
Lviv	25002	32087	–7085
Mykolayiv	10073	16985	–6912
Odesa	25195	33361	–8166
Poltava	11070	23414	–12344
Rivne	14371	14660	–289
Sumy	8059	17573	–9514
Ternopil	9289	14814	–5525
Kharkiv	21631	40881	–19250
Kherson	9964	15885	–5921
Khmelnytskiy	11483	19559	–8076
Cherkasy	9640	20034	–10394
Chernivtsi	9433	11216	–1783
Chernihiv	7573	18856	–11283
cities			
Kyiv	35359	30808	4551
Sevastopol	…	…	…

Table 2.5 continued

	Marriages, units	Divorces, units
Ukraine	**249522**	**128734**
Autonomous Republic of Crimea	…	…
oblasts		
Vinnytsya	9527	5445
Volyn	6149	2725
Dnipropetrovsk	21066	12598
Donetsk	11323	7465
Zhytomyr	7304	3851
Zakarpattya	7388	2816
Zaporizhzhya	10775	6464
Ivano-Frankivsk	8003	3928
Kyiv	12592	6800
Kirovohrad	5344	3477
Luhansk	4186	3358
Lviv	16028	6218
Mykolayiv	7216	4288
Odesa	17125	8059
Poltava	8745	5045
Rivne	6779	2763
Sumy	5905	3339
Ternopil	6025	2842
Kharkiv	17849	9428
Kherson	6662	3342
Khmelnytskiy	7715	4458
Cherkasy	6974	4195
Chernivtsi	5774	2917
Chernihiv	5647	3158
cities		
Kyiv	27421	9755
Sevastopol	…	…

2.6. Death rates of infants under 1 year old, by region

(deaths of infants under 1 year old per 1000 live births)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**9,1**	**9,0**	**8,4**	**8,0**	**7,8**	**7,9**	**7,4**	**7,6**
Autonomous Republic of Crimea	8,8	9,1	8,8	6,9	…	…	…	…
oblasts								
Vinnytsya	8,4	10,4	9,1	8,0	6,5	7,2	6,6	7,2
Volyn	8,2	7,9	7,0	6,2	6,0	6,3	7,0	6,2
Dnipropetrovsk	9,7	9,5	10,0	7,6	7,7	8,5	8,0	7,5
Donetsk	12,0	11,4	12,6	11,3	10,0	8,7	8,8	8,2
Zhytomyr	9,1	8,9	8,0	7,7	7,4	7,3	7,9	6,8
Zakarpattya	10,9	10,6	8,9	9,4	9,0	10,5	10,4	11,1
Zaporizhzhya	10,1	9,3	8,2	8,2	6,6	7,8	6,6	6,5
Ivano-Frankivsk	10,3	8,8	6,4	7,9	6,3	6,8	6,7	6,6
Kyiv	7,0	7,1	5,7	5,9	5,2	5,4	5,1	5,1
Kirovohrad	10,6	13,1	9,4	11,2	9,1	9,3	9,4	11,6
Luhansk	9,4	8,8	7,6	7,3	9,6	9,8	9,0	9,3
Lviv	9,2	9,4	7,8	8,3	8,5	8,2	6,7	9,2
Mykolayiv	8,1	7,5	7,2	7,8	7,3	6,2	8,1	6,0
Odesa	9,2	9,2	8,8	8,3	7,0	8,2	7,9	8,6
Poltava	6,1	6,1	5,8	5,5	7,5	5,8	5,9	4,1
Rivne	9,2	8,9	8,1	7,9	8,0	8,5	8,3	8,3
Sumy	9,3	7,5	6,9	6,4	6,7	7,7	6,5	6,7
Ternopil	8,2	8,0	8,0	6,8	7,6	7,5	5,2	8,7
Kharkiv	9,2	8,9	7,5	7,3	9,7	9,8	7,4	7,5
Kherson	9,4	9,9	8,0	9,4	8,4	8,4	9,9	7,7
Khmelnytskiy	7,5	6,1	9,0	7,1	8,3	8,3	6,6	9,1
Cherkasy	10,0	8,1	9,6	7,3	8,9	7,5	8,4	8,0
Chernivtsi	8,2	8,5	8,0	7,7	7,5	8,6	8,9	9,9
Chernihiv	8,1	7,9	9,2	7,7	8,3	8,3	9,2	6,4
cities								
Kyiv	7,3	8,0	7,8	8,2	7,0	7,5	5,5	5,7
Sevastopol	8,6	9,2	5,1	5,4	…	…	…	…

2.7. Migration increase (decrease) of the population

	2010	2011	2012	2013	2014	2015	2016	2017
Migration increase, decrease (–) of the population, persons	16133	17096	61844	31913	22592	14233	10620	11997
Crude rate of migration increase, decrease (–) of the population, per 10,000 present population[1]	3,5	3,7	13,6	7,0	5,3	8,0	4,6	15,2

[1] See the second footnote to Table 2.4

2.8. Migration of population in 2017, by region

(persons)

	Total immigrants	Total emigrants	Migration increase (decrease)
Ukraine	**442287**	**430290**	**11997**
Autonomous Republic of Crimea	…	…	…
oblasts			
Vinnytsya	7036	11661	–4625
Volyn	8673	9496	–823
Dnipropetrovsk	51190	27059	24131
Donetsk	7842	31710	–23868
Zhytomyr	14212	15100	–888
Zakarpattya	6013	6110	–97
Zaporizhzhya	7731	10445	–2714
Ivano-Frankivsk	15180	13719	1461
Kyiv	54935	24258	30677
Kirovohrad	10952	12609	–1657
Luhansk	2715	21862	–19147
Lviv	29097	26431	2666
Mykolayiv	8205	10095	–1890
Odesa	25150	20425	4725
Poltava	19972	20627	–655
Rivne	15214	17041	–1827
Sumy	16399	17130	–731
Ternopil	7403	8758	–1355
Kharkiv	55076	43007	12069
Kherson	4927	7674	–2747
Khmelnytskiy	7760	10542	–2782
Cherkasy	16034	16484	–450
Chernivtsi	5833	5469	364
Chernihiv	8581	10632	–2051
cities			
Kyiv	36157	31946	4211
Sevastopol	…	…	…

3. LABOUR MARKET

3.1. Economically active population[1]

(source: the Labour Force Survey (LFS))

	2010	2011	2012	2013	2014	2015	2016	2017
Economically active population, thsd.								
aged 15–70	22051,6	22056,9	22011,5	21980,6	19920,9	18097,9	17955,1	17854,4
in the working age	20220,7	20247,9	20393,5	20478,2	19035,2	17396,0	17303,6	17193,2
Employed, thsd.								
aged 15–70	20266,0	20324,2	20354,3	20404,1	18073,3	16443,2	16276,9	16156,4
in the working age	18436,5	18516,2	18736,9	18901,8	17188,1	15742,0	15626,1	15495,9
Unemployed (ILO methodology), **thsd**.								
aged 15–70	1785,6	1732,7	1657,2	1576,5	1847,6	1654,7	1678,2	1698,0
in the working age	1784,2	1731,7	1656,6	1576,4	1847,1	1654,0	1677,5	1697,3
Economically inactive population, thsd.								
aged 15–70	12575,5	12265,5	12055,3	11861,7	12023,0	10925,5	10934,1	10945,0
in the working age	7878,0	7601,5	7540,7	7552,2	7617,7	6920,6	7039,3	6845,8
Economic activity rate, percent of total population of relevant age group								
aged 15–70	63,7	64,3	64,6	65,0	62,4	62,4	62,2	62,0
in the working age	72,0	72,7	73,0	73,1	71,4	71,5	71,1	71,5

Table 3.1 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Employment rate, percent of total population of relevant age group								
aged 15–70	58,5	59,2	59,7	60,3	56,6	56,7	56,3	56,1
in the working age	65,6	66,5	67,1	67,4	64,5	64,7	64,2	64,5
Unemployment rate (ILO methodology), **percent** of economically active population of relevant age group								
aged 15–70	8,1	7,9	7,5	7,2	9,3	9,1	9,3	9,5
in the working age	8,8	8,6	8,1	7,7	9,7	9,5	9,7	9,9

[1] Here and elsewhere (Table 3.2) data for 2014 excluding the temporary occupied territory of Autonomous Republic of Crimea and the city of Sevastopol

3.2. ILO unemployed, by duration of job search

(source: the Labour Force Survey (LSF))

	2010	2011	2012	2013	2014	2015	2016	2017
ILO unemployed aged 15–70, **thsd.**	**1785,6**	**1732,7**	**1657,2**	**1576,5**	**1847,6**	**1654,7**	**1678,2**	**1698,0**
of which, looking for a job, trying to set up their own business, thsd.	1711,8	1674,4	1608,5	1537,2	1801,6	1617,4	1634,8	1662,5
of which, by duration of job-search, percent								
less than 1 months	9,8	12,0	12,0	11,4	13,4	10,5	10,5	12,0
from 1–3 months	24,3	28,4	26,1	27,6	31,7	23,3	26,2	26,1
from 3–6 months	21,8	23,2	22,4	23,5	25,1	23,9	21,6	19,3
from 6–9 months	11,3	10,5	10,7	10,3	10,2	11,0	10,0	9,5
from 9–12 months	9,2	6,4	7,0	6,3	6,8	7,3	6,4	6,4
12 months and longer	23,6	19,5	21,8	20,9	12,8	24,0	25,3	26,7
Average duration of job search, months	*7*	*6*	*6*	*6*	*5*	*7*	*7*	*7*

3.3. Number of the registered unemployed and number of vacancies by type of economic activity

(source: the State Employment Service; end of year)

	Registered unemployed, thsd.		Number of vacancies, thsd.		Burden per one vacancy, persons	
	2016	2017	2016	2017	2016	2017
Total	**390,8**	**354,4**	**36,0**	**50,4**	**11**	**7**
Agriculture, forestry and fishing	90,9	92,1	1,5	2,2	59	41
Industry	58,3	53,9	10,0	15,1	6	4
of which						
Mining and quarrying	4,2	3,4	0,6	0,6	7	5
Manufacturing	45,3	42,2	7,8	11,6	6	4
Construction	8,1	7,8	1,8	2,2	4	4
Wholesale and retail trade; repair of vehicles and motorcycles	44,7	48,1	5,9	8,1	8	6
Transportation and storage, postal and courier activities	13,2	13,7	3,8	5,4	3	3
Accommodation and food service activities	6,3	6,8	0,9	1,4	7	5
Information and communication	4,9	4,1	0,4	0,4	12	10
Financial and insurance activities	12,1	9,1	0,5	0,5	26	19
Real estate activities	2,9	2,7	0,6	0,7	5	4
Professional, scientific and technical activities	5,9	6,0	0,8	1,1	7	5
Administrative and support service activities	6,4	6,4	1,4	2,0	5	3
Public administration and defence, compulsory social security	64,9	37,1	2,9	4,2	23	9
Education	7,2	7,2	2,0	2,7	4	3
Human health and social work activities	10,9	10,0	2,7	3,4	4	3
Arts, entertainment and recreation	1,6	1,6	0,4	0,5	4	3
Other services	3,0	3,4	0,4	0,5	7	7
Persons who did not work earlier	49,5	44,4	×	×	×	×

3.4. Number of the registered unemployed and number of vacancies by region

(source: the State Employment Service; end of year)

	Registered unemployed				Number of vacancies, thsd.		Burden per one vacancy, persons	
	total, thsd.		percent to population of the working age					
	2016	2017	2016	2017	2016	2017	2016	2017
Ukraine	**390,8**	**354,4**	**1,5**	**1,4**	**36,0**	**50,4**	**11**	**7**
Autonomous Republic of Crimea	…	…	…	…	…	…	…	…
oblasts								
Vinnytsya	24,2	20,3	2,5	2,1	0,5	0,8	52	25
Volyn	9,2	8,2	1,4	1,3	1,6	2,2	6	4
Dnipropetrovsk	30,7	27,4	1,5	1,4	3,4	4,5	9	6
Donetsk	14,1	11,8	0,5	0,5	0,4	0,7	35	18
Zhytomyr	17,1	13,9	2,2	1,8	1,6	1,9	11	7
Zakarpattya	5,9	5,2	0,8	0,7	0,4	0,8	14	6
Zaporizhzhya	23,3	21,7	2,2	2,0	0,5	0,8	46	26
Ivano-Frankivsk	11,3	9,2	1,3	1,1	0,5	1,1	21	9
Kyiv	15,6	13,5	1,5	1,3	2,3	4,7	7	3
Kirovohrad	17,1	17,4	2,9	3,0	1,5	2,0	11	9
Luhansk	8,1	8,3	0,6	0,6	0,4	0,5	23	18
Lviv	17,3	14,5	1,1	0,9	2,8	5,7	6	3
Mykolayiv	16,8	17,8	2,3	2,5	1,4	1,8	12	10
Odesa	14,0	13,4	1,0	0,9	2,7	3,0	5	5
Poltava	23,8	24,0	2,7	2,7	1,8	2,2	14	11
Rivne	14,4	13,0	2,0	1,8	0,9	1,1	16	12
Sumy	14,2	14,6	2,1	2,1	1,0	1,3	15	12
Ternopil	10,8	9,2	1,6	1,4	1,1	1,0	9	9
Kharkiv	23,6	22,8	1,4	1,3	2,8	3,5	8	7
Kherson	11,2	11,2	1,7	1,7	0,4	0,5	28	24
Khmelnytskiy	15,8	12,1	2,0	1,6	0,6	1,2	28	10
Cherkasy	20,3	18,2	2,7	2,4	0,5	0,2	43	74
Chernivtsi	8,0	6,6	1,4	1,2	0,7	1,2	11	5
Chernihiv	12,4	10,9	2,0	1,8	0,7	1,1	17	10
cities								
Kyiv	11,6	9,2	0,6	0,5	5,5	6,6	2	1
Sevastopol	…	…	…	…	…	…	…	…

3.5. Average monthly nominal and real wages of regular employees[1]

	Nominal wages, UAH	Percent of the previous year	
		nominal wages	real wages
2010	2239	120,0	110,2
2011	2633	117,6	108,7
2012	3026	114,9	114,4
2013	3265	107,9	108,2
2014	3480	106,0	93,5
2015	4195	120,5	79,8
2016	5183	123,6	109,0
2017	7104	137,1	119,1

[1] Here and elsewhere (Tables 3.6–3.9) data are given on legal persons and separate units of legal persons employing 10 and more persons

3.6. Average monthly nominal and real wages of regular employees in 2017

	Nominal wages, UAH	Percent to the relevant period of the previous year	
		nominal wages	real wages
2017	**7104**	**137,1**	**119,1**
	By month		
January	6008	137,7	121,4
February	6209	135,4	118,0
March	6752	137,2	118,7
April	6659	136,0	120,7
May	6840	137,2	120,4
June	7360	137,9	118,9
July	7339	136,6	117,2
August	7114	136,8	117,2
September	7351	137,2	117,3
October	7377	137,9	119,9
November	7479	138,3	121,4
December	8777	135,5	118,9

3.7. Average monthly nominal wages of regular employees, by type of economic activity

(UAH)

	2010	2014	2015	2016	2017		
					total	percent of	
						average level for the economy	2016
Total	**2239**	**3480**	**4195**	**5183**	**7104**	**100,0**	**137,1**
Agriculture, forestry and fishing	1472	2556	3309	4195	6057	85,3	144,4
Industry	2570	3988	4789	5902	7631	107,4	129,3
Construction	1758	2860	3551	4731	6251	88,0	132,1
Wholesale and retail trade; repair of vehicles and motorcycles	1877	3439	4692	5808	7631	107,4	131,3
Transportation and storage, postal and courier activities	2658	3768	4653	5810	7688	108,2	132,3
Transportation	2355	3755	4556	5776	7883	111,0	136,5
Warehousing and support activities for transportation	2993	4231	5358	6603	8485	119,4	128,5
Postal and courier activities	1523	1934	2180	2818	3851	54,2	136,7
Accommodation and food service activities	1455	2261	2786	3505	4988	70,2	142,3
Information and communication	3161	5176	7111	9530	12018	169,2	126,1
Financial and insurance activities	4638	7020	8603	10227	12865	181,1	125,8
Real estate activities	1856	3090	3659	4804	5947	83,7	123,8
Professional, scientific and technical activities	2869	5290	6736	8060	10039	141,3	124,6
of which							
Scientific research and development	2874	4268	4972	6119	8212	115,6	134,2
Administrative and support service activities	1839	2601	3114	3995	5578	78,5	139,6
Public administration and defence, compulsory social security	2722	3817	4381	5953	9372	131,9	157,4
Education	1905	2745	3132	3769	5857	82,5	155,4
Human health and social work activities	1628	2441	2829	3400	4977	70,1	146,4
Arts, entertainment and recreation	1928	3626	4134	4844	6608	93,0	136,4
Other services	1717	3361	3634	4615	6536	92,0	141,6

3.8. Average monthly nominal wages of regular employees, by region

(UAH)

	2010	2012	2013	2014	2015	2016	2017		
							total	percent of	
								average level for the economy	2016
Ukraine	**2239**	**3026**	**3265**	**3480**	**4195**	**5183**	**7104**	**100,0**	**137,1**
Autonomous Republic of Crimea	1991	2654	2850	…	…	…	…	…	…
oblasts									
Vinnytsya	1782	2432	2651	2810	3396	4189	6121	86,2	146,1
Volyn	1692	2339	2580	2721	3291	4047	5849	82,3	144,5
Dnipropetrovsk	2369	3138	3336	3641	4366	5075	6939	97,7	136,7
Donetsk	2549	3496	3755	3858	4980	5989	7764	109,3	129,6
Zhytomyr	1785	2369	2561	2763	3271	4000	5836	82,2	145,9
Zakarpattya	1846	2351	2553	2744	3381	4298	6355	89,5	147,9
Zaporizhzhya	2187	2927	3142	3432	4200	5080	6863	96,6	135,1
Ivano-Frankivsk	1927	2539	2679	2875	3402	4202	6074	85,5	144,5
Kyiv	2295	3157	3351	3489	4153	5229	7188	101,2	137,5
Kirovohrad	1815	2428	2608	2789	3282	3974	5792	81,5	145,8
Luhansk	2271	3090	3337	3377	3427	4637	5862	82,5	126,4
Lviv	1941	2578	2789	2961	3646	4559	6391	90,0	140,2
Mykolayiv	2122	2822	3094	3344	3984	4887	6709	94,4	137,3
Odesa	2046	2700	2947	3129	3897	4809	6542	92,1	136,1
Poltava	2102	2850	2988	3179	3783	4621	6551	92,2	141,8
Rivne	1960	2575	2844	3033	3573	4364	6013	84,6	137,8
Sumy	1866	2503	2702	2877	3449	4131	5946	83,7	143,9
Ternopil	1659	2185	2359	2527	2994	3695	5554	78,2	150,3
Kharkiv	2060	2753	2975	3143	3697	4448	6244	87,9	140,4
Kherson	1733	2269	2464	2617	3123	4046	5842	82,2	144,5
Khmelnytskiy	1786	2425	2641	2878	3371	4043	5938	83,6	146,9
Cherkasy	1835	2508	2682	2829	3360	4148	6042	85,0	145,7
Chernivtsi	1772	2329	2484	2578	3050	3828	5621	79,1	146,9
Chernihiv	1711	2308	2504	2690	3295	4002	5636	79,3	140,8
cities									
Kyiv	3431	4607	5007	5376	6732	8648	11135	156,8	128,8
Sevastopol	2167	2891	3114	…	…	…	…	…	…

3.9. Average monthly nominal wages of regular employees, by type of economic activity industry

(UAH)

	2010	2014	2015	2016	2017		
					total	percent of	
						average level for the economy	2016
Industry	**2570**	**3988**	**4789**	**5902**	**7631**	**107,4**	**129,3**
Mining and quarrying	3563	5445	6164	7426	9704	136,6	130,7
Manufacturing	2284	3570	4477	5543	7299	102,7	131,7
Manufacture of food products, beverages and tobacco products	2138	3337	4184	5182	6756	95,1	130,4
Manufacture of textiles, apparel, leather and related products	1336	2107	2877	3773	5414	76,2	143,5
Manufacture of wood and paper products, and printing	1866	3020	3717	4800	6475	91,1	134,9
Manufacture of coke, and refined petroleum products	3259	4798	6181	6511	8106	114,1	124,5
Manufacture of chemicals and chemical products	2384	3971	4988	5932	7552	106,3	127,3
Manufacture of pharmaceuticals, medicinal chemical and botanical products	3490	6219	8254	11028	13846	194,9	125,5
Manufacture of rubber and plastics products, and other non-metallic mineral products	1968	3069	3952	5144	6858	96,5	133,3
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2879	4682	5645	6717	8423	118,6	125,4
Machine-building	2243	3336	4211	5344	7357	103,6	137,7
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	2070	3167	4065	5290	7017	98,8	132,6
Electricity, gas, steam and air-conditioning supply	3028	4885	5462	6918	8493	119,6	122,8
Water supply, sewerage, waste management and remediation	1980	2967	3498	4039	5199	73,2	128,7

4. INCOME AND LIVING CONDITIONS

4.1. Population income and expenditure

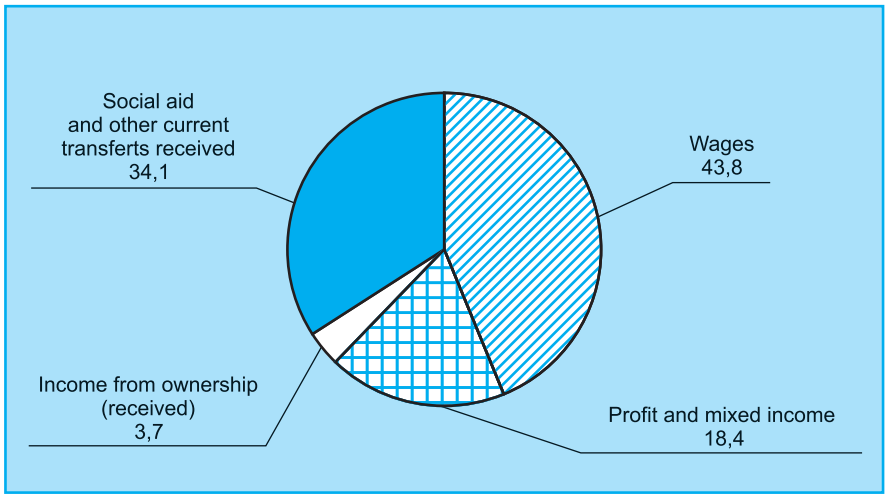
(mln. UAH)

	2010	2011	2012[1]	2013[1]	2014[1]	2015[1,2]	2016[1,2]
Income	**1101175**	**1266753**	**1457864**	**1548733**	**1516768**	**1772016**	**2051331**
wages	449553	529133	609394	630734	615022	709590	898326
profit and mixed income	160025	200230	224920	243668	254307	323506	378213
income from ownership (received)	67856	68004	80769	87952	85114	80035	75452
social aid and other current transfers received	423741	469386	542781	586379	562325	658885	699340
Expenditure and savings	**1101175**	**1266753**	**1457864**	**1548733**	**1516768**	**1772016**	**2051331**
purchase of goods and services	838213	1030635	1194791	1304031	1316757	1568173	1840262
income from ownership (paid)	28844	29064	18567	21091	23495	18583	15564
current taxes on income, property and other current transfers paid	72251	83931	97226	107345	145736	154187	182914
accumulation of non-financial assets	19578	–1159	–2954	5378	2912	–2117	–5481
increase in financial assets	142289	124282	150234	110888	27868	33190	18072
Available income	*847949*	*988983*	*1149244*	*1215457*	*1151656*	*1362599*	*1582293*
Real available income, percent of the previous year	*117,1*	*108,0*	*113,9*	*106,1*	*88,5*	*79,6*	*102,0*

[1] The compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree 398 of December 17, 2013)
[2] Updated data

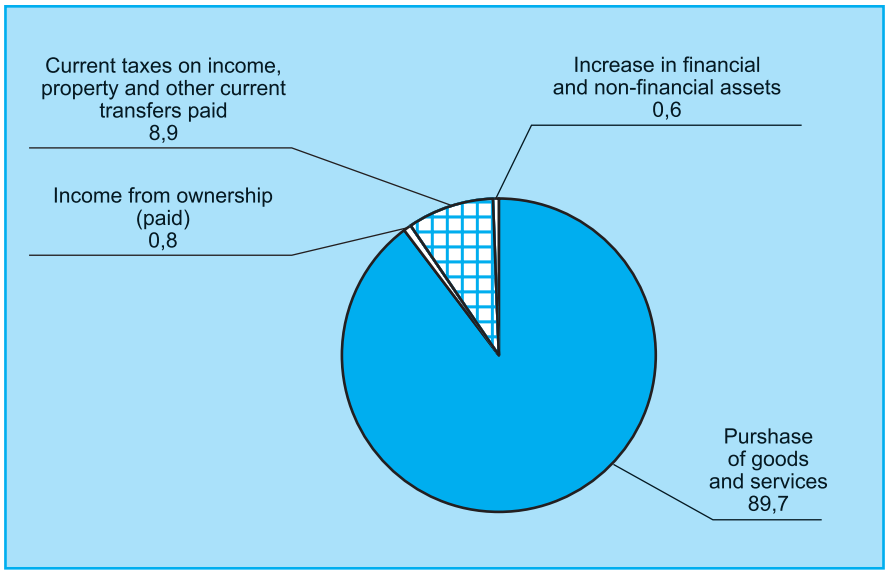
4.2. Structure of population income in 2016

(percent)



4.3. Structure of population expenditure and savings in 2016

(percent)



4.4. Structure of total household expenditure[1]

(average monthly per one household)

	2010	2013	2014	2015	2016	9 months 2017		
						all households	including by areas	
							urban	rural
Total expenditure, UAH	**3072,7**	**3814,0**	**4048,9**	**4952,0**	**5720,4**	**6903,3**	**7127,3**	**6442,4**
				Percent				
Total consumer expenditure	90,0	90,3	91,6	92,9	93,2	93,0	94,0	90,7
food products (including catering outside home, alcoholic beverages and tobacco)	56,7	55,4	57,1	57,9	54,3	53,1	52,1	55,6
manufacturing goods and services	33,3	34,9	34,5	35,0	38,9	39,9	41,9	35,1
payment for housing, communal products and services	7,6	8,0	8,1	10,2	14,7	15,0	16,2	12,2
of which								
sum of benefits and subsidies	0,6	0,5	0,5	1,4	5,1	5,1	4,7	5,9
Non-consumption total expenditure	10,0	9,7	8,4	7,1	6,8	7,0	6,0	9,3

[1] Here and elsewhere (Tables 4.5–4.8, 4.10) data are based on household living conditions survey

4.5. Population, by total per capita equivalent income[1]

(percent)

	2010	2013	2014	2015	2016	9 months 2017		
						all households	including by areas	
							urban	rural
Total population	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Monthly average per capita equivalent total income, UAH								
under 1920,0	78,1	54,9	51,7	35,3	18,4	8,7	8,0	10,1
1920,1–2280,0	21,9[2]	16,6	16,5	17,6	16,0	8,7	8,4	9,6
2280,1–2640,0	…	10,4	11,7	15,9	16,4	12,1	12,3	11,8
2640,1–3000,0	…	6,7	7,8	11,4	13,6	11,4	11,6	11,2
3000,1–3360,0	…	4,3	4,6	6,7	10,0	11,5	11,6	11,4
3360,1–3720,0	…	2,0	2,5	4,4	7,9	10,9	10,6	11,4
3720,1–4080,0	…	5,1[3]	5,2[3]	8,7[3]	17,7[3]	7,5	7,0	8,4
4080,1–4440,0	…	…	…	…	…	6,8	6,6	7,1
4440,1–4800,0	…	…	…	…	…	5,6	6,0	4,7
4800,1–5160,0	…	…	…	…	…	4,2	4,3	3,9
over 5160,0	…	…	…	…	…	12,6	13,6	10,4
Ratio of total income richest and poorest of 20% population (quintile coefficient for funds), times	3,6	3,3	3,1	3,2	3,0	3,7	3,7	3,5
Share of the population with per capita average equivalent total income per month, lower								
legislatively established subsistence line[4]	8,8	8,4	8,6	6,4	3,8	3,3	2,5	4,6
actual subsistence line[5]	…	…	16,7	51,9	51,1	38,2	37,7	39,3

[1] Since 2011, when compiling per capita average indicators of income and expenditure as well as indicators of differentiation of the population and households by level of material well-being, the equivalence scale for the system of coefficients was introduced which reflects a decrease in minimum needs per one member of household with an increase in size of household and changes in its composition. The above mentioned indicators for 2010 have been recalculated

[2] Above 1920 UAH

[3] Above 3720 UAH

[4] The monthly average size of legislatively established subsistence line to the relevant period: in 2010 – 843,17 UAH; in 2013 – 1113,67 UAH; in 2014 – 1176,0 UAH; in 2015 – 1227,33 UAH; in 2016 – 1388,33 UAH, for 9 month 2017 – 1588,44 UAH

[5] Actual subsistence line: in 2014 – 1357,58 UAH; in 2015 – 2257,0 UAH; in 2016 – 2642,38 UAH; for 9 month 2017 – 2903,74 UAH

4.6. Structure of household money expenditure

(average monthly per one household)

	2010	2013	2014	2015	2016	9 months 2017		
						all households	including by areas	
							urban	rural
Total money expenditure, UAH	**2773,1**	**3499,8**	**3692,2**	**4448,7**	**4948,6**	**6040,9**	**6477,1**	**5143,3**
				Percent				
Consumption money expenditure	89,2	89,4	90,4	91,9	91,5	91,2	93,9	84,5
food products (including catering outside home, alcoholic beverages and tobacco)	53,5	52,6	53,5	54,8	53,1	51,9	53,5	48,2
manufacturing goods and services	35,7	36,8	36,9	37,1	38,4	39,3	40,4	36,3
Monetary support to relatives, friends and other persons	3,6	3,5	3,5	2,9	3,2	2,8	2,4	3,8
Other expenditure (on private subsistence farms, purchase of shares and certificates, bank deposits, alimony, housing construction, etc)	7,2	7,1	6,1	5,2	5,3	6,0	3,7	11,7

4.7. Population, by per capita equivalent money income[1]

(percent)

	2010	2013	2014	2015	2016	9 months 2017		
						all households	including by areas	
							urban	rural
Total population	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Monthly average per capita equivalent money income, UAH								
under 1920,0	81,5	61,7	59,6	47,2	34,6	18,7	15,5	24,9
1920,1–2280,0	18,5[2]	14,0	14,6	16,3	16,3	12,0	11,2	13,5
2280,1–2640,0	…	8,7	9,5	12,4	13,9	11,9	11,8	12,0
2640,1–3000,0	…	5,7	6,0	8,6	9,3	11,4	11,6	10,9
3000,1–3360,0	…	3,7	3,8	5,2	8,0	9,8	9,8	9,9
3360,1–3720,0	…	1,6	2,0	3,5	5,4	8,2	8,2	8,1
3720,1–4080,0	…	4,6[3]	4,5[3]	6,8[3]	12,5[3]	6,1	6,0	6,3
4080,1–4440,0	…	…	…	…	…	5,6	6,5	3,8
4440,1–4800,0	…	…	…	…	…	3,6	4,2	2,7
4800,1–5160,0	…	…	…	…	…	3,3	4,0	2,2
over 5160,0	…	…	…	…	…	9,4	11,2	5,7
Ratio of money income richest and poorest of 20% population (quintile coefficient for funds), times	4,0	3,5	3,4	3,5	3,4	3,3	3,4	3,2
Share of the population with per capita average equivalent money income per month, lower								
legislatively established subsistence line[4]	15,6	13,4	14,3	11,1	10,2	8,0	6,1	11,8
actual subsistence line[5]	…	…	…	62,6	65,0	51,3	47,3	59,3

[1] See the first footnote to Table 4.5
[2] See the second footnote to Table 4.5
[3] See the third footnote to Table 4.5
[4] See the fourth footnote to Table 4.5
[5] See the fifth footnote to Table 4.5

4.8. Foodstuffs consumed by households, by quintile (20%) group and total per capita equivalent income[1]

(average monthly per capita; kg)

	All house-holds	Of which by quantile (20%) groups by monthly per capita equivalent total income					With monthly per capita equivalent total income, below	
		1st	2nd	3rd	4th	5th	legislate-vely established subsistence line[2]	actual subsistence line[3]
2010								
Meat and meat products	5,1	3,6	4,4	5,0	5,7	6,9	3,1	…
Milk and dairy products	19,1	14,3	17,7	19,2	21,0	24,5	12,3	…
Eggs, pcs	20	18	19	20	21	22	17	…
Fish and fish products	1,8	1,3	1,6	1,8	1,9	2,3	1,2	…
Sugar	3,0	2,5	2,9	3,2	3,2	3,4	2,2	…
Sunflower-seed oil and other vegetable oils	1,8	1,6	1,8	1,8	1,8	1,9	1,5	…
Potatoes	7,6	7,2	7,6	7,9	7,8	7,6	6,9	…
Vegetables, melons and gourds	9,5	7,6	9,1	9,7	10,3	11,3	6,9	…
Fruit, berries, nuts and grapes	3,7	2,4	3,1	3,6	4,1	5,5	1,9	…
Bread and bakery products	9,3	8,8	9,6	9,4	9,5	9,2	8,3	…
2013								
Meat and meat products	5,1	3,8	4,5	5,1	5,7	6,9	3,3	…
Milk and dairy products	20,2	15,2	19,0	20,3	22,1	25,4	13,2	…
Eggs, pcs	20	18	19	20	21	23	17	…
Fish and fish products	1,8	1,4	1,6	1,8	1,9	2,2	1,2	…
Sugar	3,0	2,6	2,9	3,1	3,1	3,3	2,4	…
Sunflower-seed oil and other vegetable oils	1,7	1,6	1,7	1,8	1,8	1,9	1,4	…
Potatoes	7,0	6,6	7,1	7,3	7,0	7,0	6,5	…
Vegetables, melons and gourds	9,4	7,6	8,9	9,6	10,2	11,1	6,8	…
Fruit, berries, nuts and grapes	4,2	2,8	3,5	4,0	4,6	6,1	2,3	…
Bread and bakery products	9,0	8,5	9,1	9,3	9,2	9,1	8,0	…
2014								
Meat and meat products	4,9	3,6	4,3	4,7	5,6	6,5	3,2	…
Milk and dairy products	20,3	15,9	18,6	20,2	22,2	25,8	13,5	…
Eggs, pcs	20	18	18	19	21	22	17	…
Fish and fish products	1,6	1,2	1,4	1,6	1,8	2,1	1,1	…
Sugar	3,0	2,5	2,8	3,1	3,4	3,5	2,4	…
Sunflower-seed oil and other vegetable oils	1,7	1,5	1,6	1,7	1,8	1,8	1,4	…
Potatoes	6,9	6,2	6,8	7,1	7,2	7,2	5,9	…
Vegetables, melons and gourds	9,0	7,1	8,4	9,2	9,8	11,0	6,6	…
Fruit, berries, nuts and grapes	3,7	2,6	3,1	3,5	4,2	5,1	2,4	…
Bread and bakery products	9,0	8,1	9,0	9,2	9,4	9,5	7,6	…

Table 4.8 continued

	All households	Of which by quantile (20%) groups by monthly per capita equivalent total income					With monthly per capita equivalent total income, below	
		1st	2nd	3rd	4th	5th	legislatively established subsistence line[2]	actual subsistence line[3]
2015								
Meat and meat products	4,6	3,4	4,0	4,7	4,9	6,0	2,6	3,9
Milk and dairy products	19,8	15,0	18,4	19,8	22,1	24,3	11,6	17,1
Eggs, pcs	19	17	18	20	20	21	15	18
Fish and fish products	1,2	1,0	1,1	1,3	1,3	1,6	0,8	1,1
Sugar	2,8	2,3	2,6	3,0	3,0	3,2	1,9	2,6
Sunflower-seed oil and other vegetable oils	1,6	1,5	1,6	1,6	1,6	1,7	1,2	1,5
Potatoes	6,6	6,1	6,4	6,9	7,2	6,8	5,6	6,4
Vegetables, melons and gourds	8,8	6,8	8,1	9,1	9,6	10,8	5,8	7,7
Fruit, berries, nuts and grapes	3,1	2,1	2,6	3,1	3,5	4,3	1,7	2,5
Bread and bakery products	8,5	7,8	8,3	8,6	8,9	8,9	7,0	8,1
2016								
Meat and meat products	4,7	3,6	4,1	4,6	5,3	6,0	2,8	4,0
Milk and dairy products	19,6	14,7	18,2	19,4	21,6	25,0	11,2	16,9
Eggs, pcs	19	17	18	20	21	22	15	18
Fish and fish products	1,2	1,0	1,1	1,2	1,4	1,6	0,7	1,0
Sugar	2,7	2,3	2,5	2,7	2,9	3,2	1,9	2,4
Sunflower-seed oil and other vegetable oils	1,5	1,4	1,5	1,5	1,5	1,7	1,2	1,4
Potatoes	6,7	6,0	6,5	6,8	6,8	7,1	5,4	6,3
Vegetables, melons and gourds	9,2	7,3	8,7	9,3	10,1	11,1	5,5	8,1
Fruit, berries, nuts and grapes	3,3	2,3	3,0	3,3	3,7	4,7	1,8	2,7
Bread and bakery products	8,3	7,5	8,2	8,3	8,6	9,1	7,1	7,9
9 months 2017								
Meat and meat products	4,6	3,5	4,1	4,6	5,2	6,0	2,9	3,7
Milk and dairy products	19,3	14,7	16,9	19,1	22,2	23,9	12,7	15,6
Eggs, pcs	20	18	19	19	21	22	17	18
Fish and fish products	1,2	1,0	1,1	1,2	1,4	1,5	0,9	1,0
Sugar	2,8	2,4	2,6	2,8	2,9	3,1	2,3	2,5
Sunflower-seed oil and other vegetable oils	1,5	1,4	1,5	1,5	1,6	1,5	1,3	1,4
Potatoes	6,4	6,0	6,4	6,6	6,7	6,3	6,1	6,1
Vegetables, melons and gourds	9,0	7,1	8,4	9,1	9,5	10,8	6,7	7,6
Fruit, berries, nuts and grapes	3,4	2,4	3,0	3,4	4,0	4,9	2,0	2,7
Bread and bakery products	8,4	7,9	8,4	8,4	8,6	8,6	7,3	8,0

[1] See the first footnote to Table 4.5
[2] See the fourth footnote to Table 4.5
[3] See the fifth footnote to Table 4.5

4.9. Foodstuffs consumed

(per capita per year; kg)

	2010	2011	2012	2013	2014	2015	2016	2017
Meat and meat products (including lard and offal on meat base)	52	51	54	56	54	51	51	52
Milk and dairy products (on milk base)	206	205	215	221	223	210	210	200
Eggs, pcs	290	310	307	309	310	280	267	270
Fish and fish products	14,5	13,4	13,6	14,6	11,1	8,6	9,6	10,5
Sugar	37	39	38	37	36	36	33	30
Oil	14,8	13,7	13,0	13,3	13,1	12,3	11,7	12,0
Potatoes	129	139	140	135	141	138	140	140
Vegetables, melons and gourds	144	163	163	163	163	161	164	161
Fruit, berries and grapes (excluding processed for wine)	48	53	53	56	52	51	50	54
Bakery products (bread, pasta on flour base; flour, cereals and legume crops)	111	110	109	108	109	103	101	103

4.10. Availability of selected durable goods[1] in households[2]

(average per 100 households; pcs)

	2010	2012	2014	2016
Refrigerators and freezers	109	112	117	119
Washing machines	85	87	88	88
Vacuum cleaners	75	77	79	77
Electric irons	99	98	99	98
CD-players and turntables	8	7	5	6
Colour TV sets	110	115	119	115
Video cassette recorders, Video tape recorders, DVD-players, digital cameras	41	43	34	26
Music centres	13	13	12	9
Cameras	26	21	18	16
Computers, plane-tablets, notebooks[3]	31	46	63	80
Microwaves	33	41	49	49
Kitchen combines	10	12	16	15
Conditioners	6	8	10	9
Satellite antennas	13	18	23	26
Sewing machines	28	25	25	23
Motorbikes, bicycles and scooters	47	49	52	53
Motorcycles, snowmobiles	2	2	2	2
Cars	21	22	23	23
Mobile phones	167	187	197	201

[1] The evaluations of the availability of durables in households are based on sample survey. This includes the availability of appliances regardless of the duration of their maintenance, and sources of their acquisition (whether they have been bought, presented, etc), and their condition (included are those in operation, those that temporarily do not work properly and are under repair or should be repaired)

[2] The polling of households regarding the availability of durables in them is conducted once every two years

[3] Since 2010, a list of durables includes note books and since 2016 tablets

5. COMMUNITIES AND HOUSING

5.1. Housing stock[1,2]

(mln.sq.m of total size)

	2010	2012	2013	2014	2015	2016	2017
Total housing stock	1079,5	1094,2	1096,6	966,1	973,8	977,9	984,8
Urban housing stock	693,0	700,7	700,1	588,1	592,5	594,0	599,4
Rural housing stock	386,5	393,5	396,5	378,0	381,3	383,9	385,4

[1] Including the data on the housing stock, which is on the balance sheet of the enterprises-bankrupt that completely stopped the activity
[2] Here and elsewhere (Tables 5.2, 5.3) since 2013 data are given according to estimate by the State Statistics Service of Ukraine

5.2. Housing stock, by region[1]

(thsd.sq.m of total size)

	2010	2012	2013	2014	2015	2016	2017
Ukraine	**1079503**	**1094208**	**1096560**	**966137**	**973786**	**977867**	**984833**
Autonomous Republic of Crimea	39333	40580	40507	…	…	…	…
oblasts							
Vinnytsya	43963	44349	45709	46236	46778	47409	47621
Volyn	22124	22637	22818	23112	23364	23891	24362
Dnipropetrovsk	79043	79074	78141	78892	78931	78031	77297
Donetsk	101245	101950	103508	50591	51242	51398	51539
Zhytomyr	33328	33585	33610	33629	33743	33734	33791
Zakarpattya	28314	29354	29574	30141	30414	30643	31008
Zaporizhzhya	40911	41075	40125	40982	40935	40858	40925
Ivano-Frankivsk	32656	34065	34417	34941	35415	36242	37027
Kyiv	54812	57034	57706	59245	60549	62038	62756
Kirovohrad	24671	24729	24749	24770	24833	25196	25248
Luhansk	55414	55322	54978	17656	17808	18820	18774
Lviv	54254	55847	56247	57323	57414	58161	59192
Mykolayiv	25965	25966	25897	25841	25795	25753	25744
Odesa	53414	53411	53148	53402	53421	53612	56319
Poltava	36996	36811	36480	36374	36327	36151	36115
Rivne	24454	24903	24572	25253	25545	25866	25893
Sumy	27725	27939	27980	28119	28217	28266	28345
Ternopil	25371	25912	26121	26576	27092	27403	27744
Kharkiv	63788	64891	64700	65285	65269	65015	65116
Kherson	25927	25524	25464	25437	25476	25411	25039
Khmelnytskiy	33314	33862	33730	33726	34019	34618	34896
Cherkasy	33976	34244	34168	34325	34363	34351	34334
Chernivtsi	20443	21214	21542	21801	22139	22337	22448
Chernihiv	29757	29983	29986	29804	29817	29200	29912
cities							
Kyiv	59713	61598	62219	62676	64880	63463	63388
Sevastopol	8592	8349	8464	…	…	…	…

[1] See the first footnote to Table 5.1

5.3. Old housing stock, by region

	Number of residential buildings, units				Total floor area of dwellings, thsd.sq.m			
	2010	2015	2016	2017	2010	2015	2016	2017
Ukraine	**48833**	**44453**	**45207**	**44859**	**4057,8**	**3277,8**	**3303,4**	**3248,8**
Autonomous Republic of Crimea	668	…	…	…	87,7	…	…	…
oblasts								
Vinnytsya	3569	4071	4288	4139	184,2	213,8	220,9	213,6
Volyn	1157	857	981	973	76,7	58,4	62,7	61,7
Dnipropetrovsk	1810	1966	1977	1978	326,2	331,7	331,6	330,3
Donetsk	5838	2749	3198	3190	581,8	207,0	235,5	220,1
Zhytomyr	2768	3136	3174	3141	206,2	210,3	226,5	222,6
Zakarpattya	663	385	391	387	100,5	29,7	30,1	29,8
Zaporizhzhya	640	577	577	601	92,9	87,3	88,1	92,8
Ivano-Frankivsk	1079	1102	1031	1047	58,8	62,7	50,3	50,1
Kyiv	2366	2592	2774	2720	112,8	125,6	124,2	134,7
Kirovohrad	140	123	95	95	19,8	20,3	15,6	15,7
Luhansk	1856	399	411	316	235,9	47,9	49,0	37,1
Lviv	1199	1162	1101	1110	91,6	92,1	89,1	89,3
Mykolayiv	959	518	473	482	68,2	46,5	43,3	43,6
Odesa	4673	4687	4633	4505	372,2	357,0	355,4	344,9
Poltava	1683	2545	2756	2846	119,0	170,4	175,5	179,5
Rivne	1419	1676	1703	1655	84,8	90,4	88,3	83,7
Sumy	2558	3198	3264	3310	110,0	146,6	148,3	150,3
Ternopil	990	903	927	934	45,2	40,6	42,2	43,5
Kharkiv	4399	4113	3913	3853	563,8	516,5	513,7	505,6
Kherson	918	865	888	896	53,3	44,5	43,5	43,7
Khmelnytskiy	1889	1823	1838	1845	95,1	91,5	92,3	92,7
Cherkasy	3255	3225	3218	3199	196,4	160,6	159,7	155,2
Chernivtsi	829	182	194	195	47,5	14,6	15,0	15,0
Chernihiv	1207	1405	1208	1251	68,4	70,5	61,4	62,6
cities								
Kyiv	214	194	194	191	46,4	41,3	41,2	30,7
Sevastopol	87	…	…	…	12,4	…	…	…

6. EDUCATION

6.1. Enrollment in educational institutions

(beginning of academic year; thsd.)

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Total	**7224**	**7013**	**6815**	**6648**	**5762**	**5692**	**5718**	**5730**
Secondary educational institutions[1]	4299	4292	4222	4204	3757	3783	3846	3922
day	4228	4225	4160	4150	3718	3750	3815	3894
night (part-time), including distance learning	71	67	62	54	39	33	31	28
Professional training institutions[1]	434	409	423	391	316	304	286	269
Institutions of higher education								
1st and 2nd levels of accreditation[2]	361	357	345	329	251	230	217	209
3rd and 4th levels of accreditation[3]	2130	1955	1825	1724	1438	1375	1369	1330
Per 10 thsd. population								
Secondary educational institutions	939	941	927	923	874	885	903	925
Professional training institutions	95	90	93	86	73	71	67	64
Institutions of higher education								
1st and 2nd levels of accreditation[2]	79	78	76	72	58	54	51	49
3rd and 4th levels of accreditation[3]	465	428	401	380	335	322	321	314

[1] Source: the Ministry of Education and Science of Ukraine
[2] Since 2016/17 academic year – colleges, technical secondary schools, vocational schools
[3] Since 2016/17 academic year – universities, academies, institutes

6.2. Enrollment in educational institutions at the beginning of 2017/18 academic year, by region

(thsd.)

	Secondary educational institutions[1]	Professional training institutions[1,2]	Colleges, technical secondary schools, vocational schools	Universities, academies, institutes
Ukraine	**3921,7**	**269,4**	**208,6**	**1330,0**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	157,5	13,5	9,5	35,4
Volyn	134,3	8,5	7,1	18,2
Dnipropetrovsk	321,4	22,7	18,7	94,4
Donetsk	157,0	11,4	7,8	24,3
Zhytomyr	131,7	8,5	9,5	20,4
Zakarpattya	160,6	6,0	3,0	20,7
Zaporizhzhya	163,3	13,6	7,4	60,1
Ivano-Frankivsk	151,8	9,9	6,6	30,5
Kyiv	200,9	8,4	5,8	21,8
Kirovohrad	92,6	7,5	5,6	8,9
Luhansk	53,2	5,5	2,3	16,8
Lviv	269,2	24,3	14,4	108,7
Mykolayiv	114,0	10,0	6,6	25,0
Odesa	255,5	14,8	14,1	93,4
Poltava	131,4	10,3	6,3	39,9
Rivne	153,7	11,6	6,4	26,1
Sumy	94,2	9,9	4,1	30,5
Ternopil	107,5	8,7	7,5	33,5
Kharkiv	239,5	13,8	17,1	154,2
Kherson	108,2	7,9	6,4	20,3
Khmelnytskiy	131,2	10,1	4,7	26,3
Cherkasy	112,5	7,8	5,6	31,4
Chernivtsi	100,0	6,6	8,1	21,8
Chernihiv	93,7	5,1	4,5	15,6
cities				
Kyiv	286,8	13,0	19,5	351,8
Sevastopol	…	…	…	…

[1] See the first footnote to Table 6.1
[2] End of 2017

6.3. Secondary educational institutions

(source: the Ministry of Education and Science of Ukraine; beginning of academic year; thsd.)

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Institutions	20,3	19,9	19,7	19,3	17,6	17,3	16,9	16,2
Pupils	4299	4292	4222	4204	3757	3783	3846	3922
including grades 10–12 (10–16)	570	655	605	559	463	432	412	404
Total teachers	515	509	510	508	454	444	438	440

In 2017, 6,8 thsd. pupils attended the 1st grade set up at pre-schools educational institutions.

6.4. Pupils graduating from secondary educational institutions[1]

(source: the Ministry of Education and Science of Ukraine; thsd.)

	Graduated from the 2nd level school (9 form)			Graduated from the 3rd level school (11(12) form)		
	total	day	evening	total	day	evening
2010	566	559	7	364	340	24
2011	480	474	6	215	193	22
2012	441	436	5	329	309	20
2013	411	406	5	304	283	21
2014	339	336	3	247	232	15
2015	336	333	3	230	218	12
2016	329	327	2	211	201	10
2017	329	327	2	203	194	9

[1] Pupils that take on external degree are distributed by type of education in school they graduated from

6.5. Attendance by shift in day secondary educational institutions[1]

(source: the Ministry of Education and Science of Ukraine; beginning of academic year)

	Total institutions				Total pupils[2]			
	with one shift		with two shifts		attending the 1st shift		attending the 2nd shift	
	total	percentage of total institutions	total	percentage of total institutions	thsd.	percentage of total pupils	thsd.	percentage of total pupils
2010/11	18518	94	1135	6	4021	97	119	3
2011/12	18434	96	823	4	4049	98	93	2
2012/13	18395	96	675	4	4014	98	80	2
2013/14	18171	97	528	3	4021	98	67	2
2014/15	16647	97	443	3	3608	98	57	2
2015/16	16389	97	447	3	3635	98	61	2
2016/17	15906	97	459	3	3692	98	70	2
2017/18	15239	97	461	3	3763	98	78	2

[1] Excluding special schools (boarding schools), sanatorium schools
[2] Excluding pupils from specialized schools (boarding schools), pupils of specialized forms and those of grade 1st at pre-schools educational institutions

6.6. Attendance by shift in day secondary educational institutions, by region[1]

(source: the Ministry of Education and Science of Ukraine; beginning of academic year)

	Total pupils for the 2nd shift									
	thsd.					percentage of total pupils				
	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2017/ 18	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2017/ 18
Ukraine	**118,6**	**56,6**	**61,5**	**69,8**	**78,1**	**3**	**2**	**2**	**2**	**2**
Autonomous Republic of Crimea	9,2	…	…	…	…	5	…	…	…	…
oblasts										
Vinnytsya	7,5	3,4	4,1	6,0	7,4	5	2	3	4	5
Volyn	5,6	3,1	2,8	2,8	3,4	5	3	2	2	3
Dnipropetrovsk	2,7	0,2	0,2	0,2	0,2	1	0,1	0,1	0,1	0,1
Donetsk	9,5	0,9	1,0	1,1	1,5	3	1	1	1	1
Zhytomyr	2,8	2,3	2,6	2,5	3,4	2	2	2	2	3
Zakarpattya	6,2	4,2	3,6	3,7	3,7	4	3	2	2	2
Zaporizhzhya	4,7	2,3	2,6	2,7	2,5	3	2	2	2	2
Ivano-Frankivsk	4,6	3,4	3,4	3,7	4,2	3	2	2	2	3
Kyiv	6,5	7,7	10,4	12,6	15,2	4	4	6	7	8
Kirovohrad	1,6	0,2	0,2	0,2	0,4	2	0,2	0,2	0,2	0,4
Luhansk	6,1	0,5	0,4	0,3	0,4	4	1	1	1	1
Lviv	5,2	3,1	3,1	3,1	3,0	2	1	1	1	1
Mykolayiv	2,3	0,6	0,2	0,2	0,2	2	1	0,2	0,2	0,2
Odesa	6,5	5,6	6,6	8,7	10,2	3	2	3	3	4
Poltava	4,9	3,1	3,4	3,6	3,3	4	3	3	3	3
Rivne	9,8	6,4	7,0	6,8	6,9	7	5	5	5	5
Sumy	5,5	1,9	1,9	1,7	2,0	6	2	2	2	2
Ternopil	2,0	1,0	1,1	1,3	2,0	2	1	1	1	2
Kharkiv	2,8	—	—	—	—	1	—	—	—	—
Kherson	1,5	0,6	0,3	0,4	0,4	1	1	0,3	0,4	0,4
Khmelnytskiy	2,6	0,6	1,1	1,7	1,3	2	1	1	1	1
Cherkasy	1,3	0,8	0,6	0,8	0,9	1	1	1	1	1
Chernivtsi	1,7	0,4	0,4	0,6	0,7	2	0,4	0,5	1	1
Chernihiv	4,6	4,3	4,5	4,9	4,8	5	5	5	5	5
cities										
Kyiv	—	—	—	0,2	0,1	—	—	—	0,1	0,0
Sevastopol	0,9	…	…	…	…	3	…	…	…	…

[1] See the footnotes to Table 6.5

6.7. Professional training institutions

(source: the Ministry of Education and Science of Ukraine)

	Graduated qualified workers, thsd.
2010	247,3
2011	240,1
2012	202,1
2013	227,3
2014	182,0
2015	165,0
2016	152,8
2017	141,3
Professional training of persons in 2017 who	
have completed secondary education	51,6
got a profession with a complete general secondary education	53,6
got a profession without getting a full general secondary education	6,0
involved in professional training	
not working population	4,7
enterprise workers	19,8
involved in upgrading	
not working population	2,2
enterprise workers	3,4

6.8. Competitive examinations to institutions of higher education

(number of applications per 100 enrolled students)

	1st and 2nd levels of accreditation[1]						3rd and 4th levels of accreditation[2]					
	2010	2013	2014	2015	2016	2017	2010	2013	2014	2015	2016	2017
All types of training	**180**	**213**	**240**	**256**	**223**	**237**	**329**	**472**	**535**	**537**	**646**	**522**
full-time	193	229	256	266	232	249	401	588	642	611	746	579
part-time	170	184	187	239	225	217	204	272	215	435	312	212
distance learning	119	134	134	144	141	138	158	187	208	252	260	312

[1] See the second footnote to Table 6.1
[2] See the third footnote to Table 6.1

6.9. Institutions of higher education

(beginning of academic year)

	1st and 2nd levels of accreditation[1]					3rd and 4th levels of accreditation[2]				
	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2017/ 18	2010/ 11	2014/ 15	2015/ 16	2016/ 17	2017/ 18
Total institutions	**505**	**387**	**371**	**370**	**372**	**349**	**277**	**288**	**287**	**289**
Total students, thsd.	**361,5**	**251,3**	**230,1**	**217,3**	**208,6**	**2129,8**	**1438,0**	**1375,2**	**1369,4**	**1330,0**
full-time	302,9	218,2	203,1	193,2	186,4	1250,2	935,1	938,2	946,9	932,7
Enrolled, thsd.	**129,1**	**69,5**	**63,2**	**60,6**	**59,1**	**392,0[3]**	**291,6[3]**	**259,9[3]**	**253,2[3]**	**264,4[3]**
full-time	105,9	60,2	57,4	54,1	52,5	276,2	219,4	206,3	201,0	207,7
Graduated, thsd.	**111,0**	**79,1**	**73,4**	**68,0**	**61,2**	**543,7[4]**	**405,4[4]**	**374,0[4]**	**318,7[4]**	**359,9[4]**
full-time	81,2	65,9	61,4	57,1	52,1	275,6	227,6	211,6	182,2	210,7

[1] See the second footnote to Table 6.1
[2] See the third footnote to Table 6.1
[3] Persons enrolled to the elementary cycle of education (excluding those who have been enrolled to continue their training in order to obtain a higher educational and qualification levels)
[4] The graduated (excluding those who finished the relevant cycle of training (in particular undergraduate studies) and continue training in order to obtain a higher educational and qualification levels)

The number of students at the colleges, technical secondary schools, vocational schools 3,5 thsd. persons with disabilities, 3,0 thsd. orphans and uncared children (aged under 18), at the universities, academies, institutes – 9,7 thsd. and 4,9 thsd. respectively.

49,0 thsd. foreign students study at institutions of higher education.

7. HEALTH CARE AND SOCIAL PROTECTION

7.1. Basic health care indicators

(source: the Ministry of Health Care of Ukraine)

	2010	2011	2012	2013	2014	2015	2016	2017
Total medical practitioners (doctors)[1,2]								
thsd.	225	224	217	217	186	186	187	186
per 10 thsd. population	49,3	49,3	47,9	48,0	43,5	43,7	44,0	44,1
Total paramedical staff [2]								
thsd.	467	459	441	441	379	372	367	360
per 10 thsd. population	102,4	101,0	97,2	97,4	88,6	87,3	86,5	85,4
Total hospitals[2], thsd.	2,8	2,5	2,4	2,2	1,8	1,8	1,7	1,7
In which beds[2]								
thsd.	429	412	404	398	336	333	315	309
per 10 thsd. population	94,0	90,6	89,1	88,0	78,5	78,1	74,3	73,1
Total out-patient medical institutions[2], thsd.	9,0	8,2	8,3	10,8	9,8	10,0	10,2	10,4
Capacity of out-patient facilities								
thsd. visits per shift	993	999	1023	1037	912	912	915	923
per 10 thsd. population	217,7	219,8	225,4	229,2	213,4	214,2	215,6	218,6

[1] Excluding dental technicians
[2] End of year

7.2. Care homes for the elderly citizens and persons with disabilities (adults, children and the youth)

(source: the Ministry of Social Policy of Ukraine; end of year)

	2010	2011	2012	2013	2014	2015	2016	2017
Total care homes	323	324	324	323	290	290	289	286
in which beds, thsd.	58,4	58,4	58,1	58,4	51,0	50,1	49,9	49,5
for the aged persons and adult persons with disabilities	50,3	50,4	50,2	50,8	44,0	43,2	43,1	43,0
for children with disabilities and the youth	8,1	8,0	7,9	7,6	7,0	6,8	6,8	6,5

In 2017, 674 territory centres provided household, and medical and social assistance to persons who were in difficult life circumstances using resident and temporary facilities and at their homes and serviced 1263,6 thsd. persons.

7.3. Incidence of illness due to drug addiction

(source: the Ministry of Health Care of Ukraine system)

	2010	2011	2012	2013	2014	2015	2016	2017
Total newly registered with psychological and behavioural disorders due to addiction to								
alcohol (alcoholism and alcohol psychoses)								
thsd.	42,7	40,7	39,4	37,8	30,9	28,9	29,4	28,3
per 100 thsd. population	94	89	87	83	72	68	69	67
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)								
thsd.	6,3	5,9	5,5	4,8	3,8	3,7	3,8	4,1
per 100 thsd. population	13,7	12,9	12,2	10,5	8,9	8,6	9,0	9,7
Total sick of psychological and behavioural diseases registered at medical institutions, end of year								
due to alcohol addiction (alcoholism and alcohol psychoses)								
thsd.	607,5	597,8	585,0	573,8	484,1	475,7	470,2	463,9
per 100 thsd. population	1332	1315	1289	1268	1132	1117	1109	1099
narcotics (excluding alcohol) and other psychoactive materials (drug and toxin addiction)								
thsd.	80,6	79,8	79,0	77,6	62,2	61,7	62,2	62,5
per 100 thsd. population	177	176	174	172	145	145	147	148

At the end of 2017, 160,3 thsd. persons were registered as those addicted to alcohol, narcotics and other psychoactive materials, including 79,6 thsd. were newly registered.

7.4. Incidence of malignant tumours

(source: the Ministry of Health Care of Ukraine)

	2010	2011	2012	2013	2014	2015	2016	2017
Total newly registered								
thsd.	156,2	159,0	162,6	163,5	134,5	134,1	134,3	135,5
per 100 thsd. population	342	349	358	361	314	314	316	320
Total patients registered at medical institutions, end of year								
thsd.	988,6	1015,5	1052,2	1090,1	954,1	961,8	985,4	1010,9
per 100 thsd. population	2168	2234	2319	2409	2231	2258	2323	2395

7.5. Incidence of active tuberculosis

(source: the Ministry of Health Care of Ukraine)

	2010	2011	2012	2013	2014	2015	2016	2017
Total newly registered								
thsd.	31,3	30,7	31,0	30,8	25,5	23,9	23,3	22,0[1]
per 100 thsd. population	68,5	67,3	68,2	68,0	59,6	56,0	54,8	52,0
including active form of tuberculosis of respiratory organs								
thsd.	29,5	29,0	29,3	29,3	24,3	22,7	22,1	20,9
per 100 thsd. population	64,7	63,7	64,4	64,6	56,6	53,3	51,9	49,3
Total patients registered at medical institutions, end of year								
thsd.	78,6	70,7	61,7	47,6	38,7	36,2	35,0	32,5
per 100 thsd. population	172,5	155,6	136,1	105,2	90,5	85,1	82,4	77,0

[1] Among the persons newly registered as sick of active form of tuberculosis in 2017, 68,1% were males and 94,9% were sick of respiratory tuberculosis

7.6. Incidence of active tuberculosis, by region

(source: the Ministry of Health Care of Ukraine; total newly registered)

	Persons					Per 100 thsd. population				
	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
Ukraine	**31295**	**25543**	**23896**	**23292**	**21995**	**68,5**	**59,6**	**56,0**	**54,8**	**52,0**
Autonomous Republic of Crimea	1639	…	…	…	…	83,8	…	…	…	…
oblasts										
Vinnytsya	925	809	758	769	620	56,4	50,3	47,4	48,4	39,3
Volyn	580	713	653	620	601	56,1	68,6	62,8	59,7	58,0
Dnipropetrovsk	3140	2600	2566	2105	2081	93,9	79,2	78,7	65,0	64,5
Donetsk	3570	2499	1086	1172	1154	80,5	…[1]	…[1]	…[1]	…[1]
Zhytomyr	978	853	830	780	766	76,2	67,7	66,3	62,7	61,9
Zakarpattya	744	731	749	765	743	59,8	58,2	59,6	60,9	59,2
Zaporizhzhya	1219	1144	1085	1066	1022	67,5	64,6	61,7	61,1	59,1
Ivano-Frankivsk	911	882	845	718	705	66,1	63,9	61,2	52,1	51,2
Kyiv	988	1133	1194	1280	1159	57,6	65,8	69,2	74,1	66,7
Kirovohrad	823	774	747	648	674	81,7	79,2	77,0	67,3	70,6
Luhansk	1904	248	316	370	340	82,9	…[1]	…[1]	…[1]	…[1]
Lviv	1678	1659	1509	1557	1356	66,4	65,8	59,9	61,9	53,9
Mykolayiv	1076	838	803	777	686	90,7	71,9	69,2	67,4	59,9
Odesa	1842	2342	2446	2594	2561	77,4	98,2	102,7	109,1	107,9
Poltava	789	796	789	799	749	53,1	55,1	54,9	56,1	53,0
Rivne	679	646	636	611	506	59,0	55,7	54,8	52,6	43,6
Sumy	597	612	623	615	603	51,3	54,4	55,8	55,6	55,0
Ternopil	594	500	409	475	394	54,8	46,8	38,4	44,8	37,4
Kharkiv	1592	1140	1182	1163	1141	58,0	41,9	43,6	43,2	42,5
Kherson	1167	904	875	799	770	107,1	84,6	82,3	75,6	73,3
Khmelnytskiy	707	748	724	690	612	53,3	57,5	55,9	53,6	47,9
Cherkasy	769	719	716	654	617	59,8	57,4	57,6	53,0	50,5
Chernivtsi	443	366	364	273	289	49,2	40,4	40,1	30,1	32,0
Chernihiv	749	663	677	656	602	68,4	63,0	65,0	63,6	59,1
cities										
Kyiv	950	1224	1314	1336	1244	34,5	43,1	46,0	46,5	43,1
Sevastopol	242	…	…	…	…	63,9	…	…	…	…

[1] Data are not released due to low reliability of data used to make calculations

7.7. Incidence of venereal disease

(source: the Ministry of Health Care of Ukraine)

	2010	2011	2012	2013	2014	2015	2016	2017
Total newly registered								
Syphilis								
thsd.	7,5	6,4	5,3	4,6	3,7	3,2	3,2	2,8
per 100 thsd. population	16,3	14,2	11,7	10,1	8,6	7,6	7,6	6,5
Gonorrhoea								
thsd.	10,1	9,4	8,8	8,2	6,2	5,7	5,3	4,8
per 100 thsd. population	22,2	20,6	19,5	18,0	14,4	13,5	12,5	11,3
Total sick of syphilis registered at medical institutions, end of year								
thsd.	54,9	48,7	43,2	38,5	29,1	26,3	23,6	22,2
per 100 thsd. population	120,5	107,1	95,1	85,1	68,1	61,8	55,7	52,6

7.8. HIV infections and number of persons registered as HIV positive[1]

(source: the Ministry of Health Care of Ukraine)

	HIV infected persons						Of which positive persons					
	2010	2013	2014	2015	2016	2017	2010	2013	2014	2015	2016	2017
Total newly registered HIV infected persons												
thsd.	20,5	21,7	19,3	15,9	17,1	18,2	5,9	9,4	9,9	8,5	8,9	9,3
per 100 thsd. population	44,9	47,8	45,1	37,2	40,2	43,1	12,8	20,7	23,0	19,9	20,9	22,0
Total patients registered at medical institutions, end of year												
thsd.	110,5	139,7	138,1	126,8	133,1	141,6	14,0	29,0	33,3	34,1	38,8	43,9
per 100 thsd. population	242,3	308,8	323,0	297,6	313,8	335,4	30,8	64,2	77,9	80,0	91,4	103,9

[1] Including foreign citizens

At the end of 2017, 53,5% of HIV infected and registered as HIV positive persons were males and 34,0% were those infected through drug injections.

7.9. Cash benefits to low-income persons incapable of working

(source: the Pension Fund's bodies of Ukraine; as of January 1, 2017)

	Number of persons entitled to benefits, thsd.		Average amount of monthly benefit per one person, UAH
	total	including in rural areas	
Total	**382,2**	**169,2**	**43,47**
of which pensioners			
due to disability	32,7	14,3	51,92
survivors who lost their benefactor	0,5	0,2	45,51
those receiving social pension	33,6	17,6	36,81
Of the total, single pensioners	7,8	3,0	56,21

7.10. Provision of targeted in kind and monetary assistance by entity that renders social services in 2017

(source: the Ministry of Social Policy of Ukraine)

	Total, thsd. persons	Including the number of women	Of which those residing in rural areas	Aid provided, thsd. persons		Average size of aid per person, UAH	
				cash	in-kind	cash	in-kind
Persons who were identified and registered and required assistance	**605,9**	**427,1**	**296,3**	**84,6**	**419,3**	**1597,9**	**229,0**
of which							
old-age persons, with disables, patients who have no relations	361,0	266,8	182,3	48,2	272,5	1980,2	274,4
persons who enjoy special conditions of free service	44,0	30,8	25,2	4,4	31,5	492,7	132,7
persons who are in complicated real-life situation due to unemployment, natural disaster catastrophe if average monthly total income of their families is lower than subsistence level for family	39,2	27,5	20,5	14,9	18,4	812,8	254,4
internally displaced persons	6,0	4,5	1,6	0,6	7,5	1476,6	125,2
family members of the ATO participants	5,7	1,7	2,6	4,8	1,5	1355,0	809,1

Low-income persons, who are in complicated real-life situation, also received in-kind aid as foodstuffs and manufactured goods, cooked meals, medicines, items for medical purposes and other types of aid.

7.11. Subsidies to the population in 2017, by region

	Subsidies to compensate for expenses for housing and utility services		Subsidies in cash for purchasing the liquefied gas, solid and liquid furnace household fuel	
	the number of households to whom the subsidies were allocated, thsd.	total subsidies accrued, thsd. UAH	the number of households to whom the subsidies were allocated, thsd.	total subsidies accrued, thsd. UAH
Ukraine	**8809,4**	**3980104,4**	**811,6**	**2264559,7**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	378,3	161017,4	79,0	231047,4
Volyn	258,0	111919,7	36,1	99244,4
Dnipropetrovsk	600,9	280273,2	14,9	42799,2
Donetsk	440,7	191461,9	31,7	81211,0
Zhytomyr	298,7	109900,7	58,1	169546,8
Zakarpattya	191,9	95608,8	27,5	70069,3
Zaporizhzhya	453,6	192835,1	33,4	92382,1
Ivano-Frankivsk	338,1	188798,8	23,3	60553,5
Kyiv	377,6	165739,0	12,9	38869,7
Kirovohrad	293,7	122764,3	56,2	159721,2
Luhansk	202,1	84738,1	6,8	18715,0
Lviv	509,6	264642,2	19,8	57458,0
Mykolayiv	241,9	85668,0	33,8	93559,4
Odesa	306,0	128035,7	66,5	201207,1
Poltava	495,5	221523,0	13,2	36101,5
Rivne	232,1	119922,8	31,9	87328,5
Sumy	371,9	133720,9	30,9	86262,4
Ternopil	271,9	145695,6	16,7	46786,4
Kharkiv	607,7	241010,1	21,9	57984,5
Kherson	232,2	85553,1	48,6	136833,1
Khmelnytskiy	355,3	183343,0	33,3	90754,9
Cherkasy	400,1	179847,1	39,6	99619,9
Chernivtsi	219,9	128017,1	29,6	79993,4
Chernihiv	339,7	151417,6	45,8	126390,3
cities				
Kyiv	392,0	206651,2	0,1	120,7
Sevastopol	…	…	…	…

8. JUSTICE AND CRIMES

8.1. Crimes, by selected category

(thsd.)

	2010	2011	2012[1]	2013	2014[2]	2015	2016	2017
Total crimes[3]	**505,4**	**520,2**	**447,1**	**563,6**	**529,1**	**565,2**	**592,6**	**523,9**
including								
premeditated murders and attempted murders	2,4	2,5	2,1	2,0	4,9	3,2	1,8	1,6
premeditated severe injuries	3,8	3,4	3,1	3,2	3,3	2,6	2,4	2,2
rapes and attempted rapes	0,6	0,6	0,5	0,5	0,4	0,3	0,3	0,3
hooliganism	9,2	8,9	7,2	6,3	5,0	4,1	4,0	3,4
violent crime	4,0	3,7	3,0	2,9	3,9	3,6	3,9	3,0
robberies	23,3	23,0	19,7	22,7	20,5	22,1	27,2	18,1
extortion	0,5	0,6	0,4	0,7	0,6	0,6	0,6	0,7

[1] As of November 20
[2] Including data from the occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol for January–March of 2014 and all messages about crimes committed on the temporarily occupied territory and registered with other territorial bodies of prejudicial inquiry
[3] Before 2012, data from the Ministry of Internal Affairs of Ukraine and State Tax Service of Ukraine, since 2013, data from Prosecutor General's Office of Ukraine

Out of all crimes recorded by law enforcement agencies in 2017, 214,7 thsd. were classified as grave and very grave offences.

8.2. Crimes related on narcotics and other harmful drugs

	2010	2011	2012[1]	2013	2014[2]	2015	2016	2017
Total crimes[3]	**56878**	**53206**	**45322**	**33982**	**30494**	**25908**	**23029**	**29010**
including								
theft, appropriation, extortion of drugs, psychotropic substances or similar products or captured by swindle or abuse of official position	255	146	59	31	35	31	28	28
illegal production, purchase, storage, transportation and trafficking of drugs for sale or other purposes	47702	45160	38428	28035	25215	21504	19691	25100
inclination for drugs	618	553	456	235	233	158	19	44
setting up and keeping places for illegal consumption, production or the making of drugs, psychotropic agents or similar products	2150	1965	1781	1268	1263	1044	460	590

[1] See the first footnote to Table 8.1
[2] See the second footnote to Table 8.1
[3] Before 2012, data from the Ministry of Internal Affairs of Ukraine, since 2013, data from Prosecutor General's Office of Ukraine

8.3. Convicted persons, by category

(source: the State Judicial Administration of Ukraine; percent)

	2010	2011	2012	2013	2014	2015	2016	2017
Total convicted	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Age, years								
14–17	6,4	5,6	5,5	4,8	4,8	4,8	4,6	4,0
18–24	25,6	24,6	23,2	21,3	20,5	21,2	20,3	19,1
25–29	19,3	19,5	19,4	19,9	18,7	18,5	18,4	17,6
30 and older	48,7	50,3	51,9	54,0	56,0	55,5	56,7	59,3
Of total convicted								
females	13,1	12,6	12,5	12,6	12,5	11,6	11,7	11,3
persons with non-lifted conviction or conviction still in effect, earlier convicted persons, or those whose conviction has been lifted or no longer in effect	36,5	37,4	37,7	38,4	38,0	37,4	37,2	36,4
persons of working age not working or studying	68,1	69,1	70,0	69,4	69,9	71,7	71,9	72,3
persons who committed crime in the state of alcoholic intoxication	26,9	25,1	25,1	24,0	20,3	15,7	14,6	12,1

8.4. Convicted persons, by major type of sentence

(source: the State Judicial Administration of Ukraine)

	2010		2015		2016		2017	
	number of convicted persons	percent of the total	number of convicted persons	percent of the total	number of convicted persons	percent of the total	number of convicted persons	percent of the total
Total convicted	**168774**	**100,0**	**94798**	**100,0**	**76217**	**100,0**	**76804**	**100,0**
By type of sentence								
lifetime deprivation of freedom	101	0,1	45	0,0	27	0,0	21	0,0
term deprivation of freedom	40819	24,2	19765	20,9	16140	21,2	16143	21,0
fines	25095	14,9	18652	19,7	16637	21,8	18523	24,1
compulsory work	1108	0,7	224	0,2	161	0,2	122	0,2
public works	11187	6,6	8622	9,1	6626	8,7	5323	6,9
restriction of freedom	3596	2,1	1504	1,6	1245	1,6	1099	1,4
freed from punishment	80767	47,9	41997	44,3	32192	42,2	32597	42,4
other types of punishment	6101	3,5	3989	4,2	3189	4,3	2976	4,0

8.5. Number and composition of children registered with the units of preventive activity on juvenile prevention

(source: the National Police of Ukraine; end of year)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	thsd.					percent				
Total	**20,3**	**5,2**	**4,9**	**3,9**	**4,3**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Of whom										
pupils of secondary educational institutions	11,4	2,6	2,3	1,7	1,9	56,5	50,6	46,4	44,0	44,3
pupils of professional training institutions	3,5	2,0	1,8	1,5	1,7	17,1	38,9	37,0	38,2	39,6
did not work or study	4,1	0,4	0,5	0,4	0,5	20,4	7,3	9,4	10,3	12,8
have one parent	5,8	1,9	1,7	1,4	1,7	28,4	35,9	35,6	35,5	40,4
have no parents	0,8	0,3	0,3	0,2	0,3	3,9	5,3	5,3	5,3	5,9
live in children's houses or boarding schools	1,1	0,2	0,1	0,1	0,1	5,5	2,9	2,5	2,3	1,8

8.6. Share of young people (below 30 years of age), convicted for selected crimes

(source: the State Judicial Administration of Ukraine
percent of the number of persons convicted for the respective crime)

	2010	2012	2013	2014	2015	2016	2017
Total convicted	**51,3**	**48,2**	**46,0**	**44,0**	**44,5**	**43,3**	**40,7**
For crimes							
against national security	—	—	—	29,0	40,0	33,9	26,7
against personal life and health	42,8	39,6	37,1	36,6	35,1	34,4	32,4
against personal will and dignity	51,0	42,7	46,9	41,1	42,6	49,4	46,2
against sex freedom and sex persons inviolability	63,3	57,5	59,5	56,1	45,8	39,0	42,2
against electoral, labour and other rights of a person and a citizen	22,6	22,7	23,4	21,3	23,1	24,4	24,1
against property	60,5	55,9	53,6	51,0	49,8	48,2	45,2
in economic sphere	19,5	21,9	22,3	22,3	24,6	25,7	27,3
against environment	38,6	36,2	38,0	33,5	36,5	37,3	34,1
against public safety	25,8	22,4	21,7	23,4	27,9	28,0	24,7
against safety of production	16,4	17,5	17,8	10,1	19,3	16,4	12,3
against safety of traffic and use of transport	57,4	56,1	56,2	55,8	55,7	52,8	50,2
against civil order and morality	67,8	63,1	61,9	59,8	55,2	57,0	53,6
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	46,6	43,7	41,1	36,8	36,6	32,4	30,4
in the sphere of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	57,5	44,8	44,0	35,7	37,1	42,8	56,1
against state and local authorities and associations of citizens	31,3	29,2	31,3	31,9	32,8	31,7	31,7
in the sphere of use of computers, computing systems and networks	55,1	45,0	36,7	43,2	41,9	41,7	40,5
in the sphere of office activity	18,2	21,2	18,6	17,6	18,6	21,3	19,4
against justice	44,2	41,2	41,7	37,2	38,3	42,0	38,3
against the established order of military service (military crimes)	72,6	86,4	55,4	57,1	52,7	46,5	49,0
against peace, security of the humankind and the international order	—	—	—	—	33,3	42,9	40,0
other crimes[1]	35,5	37,3	23,5	30,0	33,3	—	—

[1] Convicted by articles of the 1960 *Criminal Code of Ukraine*

8.7. Share of minors convicted of selected crimes

(source: the State Judicial Administration of Ukraine
percent of the number of persons convicted for the respective crime)

	2010	2012	2013	2014	2015	2016	2017
Total convicted	**6,4**	**5,5**	**4,8**	**4,8**	**4,8**	**4,6**	**4,0**
For crimes							
against national security	—	—	—	—	—	—	1,3
against personal life and health	3,7	2,5	1,9	2,1	2,3	2,3	2,4
against personal will and dignity	1,5	—	1,2	1,1	3,2	1,3	—
against sex freedom and sex persons inviolability	12,0	10,2	7,2	7,1	4,7	3,8	5,2
against electoral, labour and other rights of a person and a citizen	0,2	0,0	0,1	0,0	0,2	0,1	0,3
against property	10,4	8,6	7,6	7,3	6,9	6,5	5,9
in economic sphere	0,3	0,1	0,4	0,1	0,2	—	0,2
against environment	1,1	0,9	0,6	0,6	0,7	1,6	1,0
against public safety	0,9	0,6	0,7	0,8	1,1	1,2	0,9
against safety of production	—	0,2	—	—	—	—	—
against safety of traffic and use of transport	7,3	7,9	8,9	9,0	10,3	8,2	6,3
against civil order and morality	6,2	5,0	5,7	5,3	4,2	5,6	4,1
related to turnover of narcotics, psychotropic drugs, their analogues or precursors and other crimes against population's health	1,6	1,8	1,3	1,2	1,4	0,8	0,9
in the sphere of state secrets protection, inviolability of state border, ensuring enlistment and mobilization	1,1	—	—	0,4	0,1	—	0,3
against state and local authorities and associations of citizens	0,4	0,5	0,4	0,8	0,4	0,8	0,9
in the sphere of use of computers, computing systems and networks	1,4	—	—	—	—	—	—
in the sphere of office activity	—	—	—	—	—	—	—
against justice	0,8	0,8	0,6	0,7	0,9	1,0	0,5
against the established order of military service (military crimes)	—	—	—	0,2	—	—	—
against peace, security of the humankind and the international order	—	—	—	—	—	—	—
other crimes[1]	2,7	—	5,9	10,0	—	—	—

[1] See the footnote to Table 8.6

9. ENVIRONMENT

9.1. Stationary pollutant emissions and carbon dioxide into the atmosphere in 2017, by type of economic activity

	Pollutants			
	pollutant emissions		carbon dioxide	
	thsd.t	percent of the total	thsd.t	percent of the total
Total	**2584,9**	**100,0**	**124217,9**	**100,0**
Agriculture, forestry and fishing	80,3	3,1	1099,8	0,9
Mining and quarrying	479,3	18,5	3365,2	2,7
of which				
Mining of coal and lignite	354,2	13,7	379,8	0,3
Mining of iron ores	78,9	3,1	1174,5	0,9
Mining of other minerals and quarrying	8,0	0,3	91,4	0,1
Manufacturing	874,3	33,8	49085,4	39,5
of which				
Manufacture of food products	36,8	1,4	2809,8	2,3
Manufacture of beverages	1,0	0,0	168,1	0,1
Manufacture of tobacco products	0,1	0,0	14,3	0,0
Manufacture of coke, and refined petroleum products	33,2	1,3	2892,2	2,3
Manufacture of chemicals and chemical products	15,0	0,6	2415,2	1,9
Manufacture of other non-metallic mineral products	35,0	1,4	5991,4	4,8
Manufacture of basic metals	720,9	27,9	32995,7	26,6
Manufacture of fabricated metal products, except machinery and equipment	2,5	0,0	64,1	0,0
Electricity, gas, steam and air-conditioning supply	1011,0	39,1	63865,2	51,4
Water supply, sewerage, waste management and remediation	15,8	0,6	246,7	0,2
Construction	1,7	0,1	52,8	0,0
Wholesale and retail trade; repair of vehicles and motorcycles	60,3	2,4	4393,3	3,6
Other type of economic activities	62,2	2,4	2109,5	1,7

9.2. Stationary pollutant emissions into the atmosphere, by region and selected cities and towns[1]

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**4131,6**	**4374,6**	**4335,3**	**4295,1**	**3350,0**	**2857,4**	**3078,1**	**2584,9**
Autonomous Republic of Crimea	**32,3**	**32,9**	**32,7**	**26,6**	**…**	**…**	**…**	**…**
of which								
Simpheropol	2,1	1,9	1,9	2,5	…	…	…	…
Armyansk	12,1	12,7	13,7	5,7	…	…	…	…
Kerch	1,9	1,8	1,7	1,7	…	…	…	…
Krasnoperekopsk	7,9	7,8	7,3	6,9	…	…	…	…
Yalta	0,4	0,5	0,5	0,6	…	…	…	…
oblasts								
Vinnytsya	**103,0**	**87,3**	**101,3**	**149,5**	**124,5**	**134,7**	**119,8**	**155,8**
of which								
Vinnytsya city	3,4	4,2	4,1	2,9	3,3	15,8	12,1	13,6
Ladyzhyn	74,8	59,3	75,6	125,3	88,2	78,8	66,1	94,7
Volyn	**8,2**	**7,6**	**7,3**	**6,6**	**4,3**	**4,7**	**4,7**	**5,1**
of which								
Lutsk	1,0	0,9	0,9	0,9	1,0	0,9	0,8	0,8
Novovolynsk	0,2	0,3	0,3	0,3	0,2	0,2	0,2	0,3
Kovel	3,5	3,2	3,0	2,5	0,3	0,4	0,4	0,3
Dnipropetrovsk	**933,1**	**950,4**	**962,0**	**940,5**	**855,8**	**723,9**	**833,0**	**657,3**
of which								
Dnipro (*formerly* Dnipropetrovsk city)	110,0	110,0	110,4	104,8	87,7	48,5	80,6	45,7
Zelenodolsk	173,4	205,3	219,3	185,2	155,7	66,9	146,1	48,1
Kamyanske (*formerly* Dneprodzerzhinsk city)	108,5	124,7	116,4	115,5	105,0	101,0	90,5	57,8
Kryviy Rih	395,0	358,6	354,6	351,8	327,4	327,0	342,9	323,9
Nikopol	26,2	25,4	22,4	15,3	21,5	19,5	25,7	25,3
Donetsk	**1378,1**	**1525,9**	**1514,8**	**1448,1**	**1043,0**	**917,6**	**981,4**	**784,8**
of which								
Donetsk city	80,2	71,1	71,6	70,8	…	…	…	…

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Avdyivka	14,7	17,9	17,0	14,3	9,7	8,1	10,3	11,7
Vuhledar	25,9	33,6	29,5	22,8	28,1	28,4	25,9	24,1
Horlivka	28,4	25,3	21,3	13,1	…	…	…	…
Debaltseve	112,8	127,0	172,2	74,4	109,4	…	…	…
including Svitlodarske	104,2	117,9	163,5	65,4	101,1	…	…	…
Dobropillya	39,5	35,5	26,6	20,6	35,7	35,1	35,8	31,0
Yenakiyeve	67,4	83,2	77,3	75,2	43,9	42,7	42,7	…
Zuhres	70,8	98,7	99,4	116,5	…	56,5	53,7	…
Kurakhove	123,9	166,2	148,4	166,0	125,0	112,7	126,4	154,7
Makyivka	58,1	53,2	46,5	39,3	26,7	…	…	…
Mariupol	364,3	382,4	330,4	333,8	289,4	249,6	257,3	288,2
Noviy Svit	109,9	105,4	118,0	133,0	96,1	81,4	97,0	…
Novoamvrosiyvske	3,3	4,3	4,5	11,9	…	…	…	…
Pokrovsk (*formerly* Krasnoarmiysk city)	33,3	40,9	32,3	28,0	89,4	…	68,1	90,8
Rayhorodok	48,8	60,1	53,4	39,0	15,2	37,8	56,7	23,9
Rodynske	32,9	40,5	32,0	27,7	24,4	22,1	17,8	17,8
Slovyansk	1,6	1,6	1,5	1,1	0,4	0,7	0,4	0,3
Toretsk (*formerly* Dzerzhynsk city)	10,8	12,2	12,4	13,8	8,8	7,6	8,9	6,7
Khartsyzk	75,4	103,1	110,2	126,6	79,5	56,5	53,7	…
Khrestivka (*formerly* Kirovske city)	50,0	57,5	59,4	70,9	…	…	…	…
Zhytomyr	**18,4**	**19,0**	**18,5**	**17,2**	**10,9**	**9,0**	**9,3**	**10,3**
of which								
Zhytomyr city	0,9	1,3	1,4	1,4	1,4	1,3	1,3	1,4
Berdychiv	5,6	5,7	5,7	5,4	0,3	0,2	0,2	0,3
Korosten	0,5	0,6	0,8	1,2	0,7	0,6	0,5	0,6
Zakarpattya	**17,4**	**17,2**	**8,1**	**7,7**	**3,9**	**4,4**	**4,9**	**3,2**
of which								
Uzhgorod	1,4	1,1	0,6	0,3	1,2	1,8	1,0	0,1
Vynohradiv	2,6	2,0	0,6	0,0	0,0	0,0	0,1	0,0
Volovets	0,5	0,7	0,2	0,1	0,2	0,2	0,2	0,7

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Zaporizhzhya	**217,5**	**229,3**	**207,6**	**245,9**	**206,7**	**193,7**	**167,0**	**180,9**
of which								
Zaporizhzhya city	109,6	117,0	92,3	94,1	86,7	83,3	70,2	69,9
Enerhodar	100,3	104,9	107,7	145,5	113,5	103,9	91,4	105,3
Ivano-Frankivsk	**169,2**	**221,8**	**196,7**	**202,9**	**228,8**	**223,9**	**196,7**	**198,3**
of which								
Ivano-Frankivsk city	0,5	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Burshtyn	146,8	198,7	174,7	182,7	199,8	198,0	168,5	160,1
Kyiv	**106,8**	**113,6**	**129,4**	**111,9**	**96,2**	**78,1**	**98,2**	**48,2**
of which								
Bohuslav	1,9	1,9	1,1	1,3	0,6	1,1	0,0	0,0
Bila Tserkva	1,2	1,4	1,4	1,4	1,3	2,0	6,3	3,5
Boyarka	5,4	1,1	4,0	3,6	3,1	0,1	0,6	0,1
Ukrayinka	82,8	91,7	109,2	91,8	76,9	55,5	74,7	23,3
Yahotyn	8,8	0,2	4,6	4,0	3,6	2,1	1,9	2,3
Kirovohrad	**14,8**	**15,2**	**16,8**	**15,7**	**11,8**	**14,2**	**11,8**	**12,2**
of which								
Kropyvnytskyi (*former* Kirovograd)	2,2	2,4	2,3	2,3	2,4	2,3	2,3	2,1
Oleksandriya	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,3
Luhansk	**511,7**	**472,0**	**447,6**	**442,0**	**197,8**	**115,2**	**155,5**	**75,1**
of which								
Luhansk city	160,7	142,6	130,5	119,5	…	…	…	…
including Schastya	155,7	136,6	124,0	114,3	90,9	55,5	73,2	45,7
Alchevsk	89,3	96,8	106,0	111,8	68,9	25,5	47,3	6,0
Kadiyivka (*former* Stakhanov city)	23,9	22,2	19,9	17,4	…	…	…	…
Lysychansk	31,1	33,3	22,1	18,8	16,1	16,6	16,6	16,4
Perevalsk	6,4	0,1	0,1	0,2	0,5	…	1,1	…
Samsonivka	51,4	42,2	38,7	38,1	…	…	…	…
Sorokine (*former* Krasnodon city)	14,6	13,4	14,6	13,1	…	…	…	…
including Sukhodilsk	13,3	12,7	13,9	12,4	…	…	…	…
Krustalniy (*former* Krasniy Luch city)	5,5	5,6	6,7	5,8	…	…	…	…

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Lviv	**113,2**	**129,4**	**130,7**	**121,4**	**100,2**	**102,4**	**103,1**	**109,1**
of which								
Lviv city	2,0	1,8	1,7	1,6	1,6	2,6	1,7	4,0
Dobrotvir	39,3	46,8	48,3	41,4	37,5	40,6	44,9	49,8
Mykolayiv	**21,5**	**25,7**	**25,1**	**20,4**	**15,9**	**15,8**	**13,9**	**14,2**
of which								
Mykolayiv city	5,9	8,2	7,6	6,2	5,0	5,5	3,6	3,3
Olshanske	6,9	4,2	3,9	2,8	2,3	2,2	1,4	1,3
Odesa	**29,2**	**30,5**	**28,2**	**26,2**	**23,2**	**26,1**	**26,4**	**29,6**
of which								
Odesa city	14,4	15,2	13,1	11,9	10,5	9,7	11,9	12,0
Berezivka	0,3	0,3	0,2	0,3	0,1	0,2	0,2	0,2
Podilsk (*former* Kotovsk city)	1,1	1,5	1,2	1,0	0,9	1,0	1,3	1,2
Chernomorsk (*former* Illichivsk city)	1,1	0,8	1,0	1,1	1,2	1,1	1,0	1,4
Yuzhne	2,7	2,6	2,3	2,6	2,6	2,5	1,7	1,6
Poltava	**72,8**	**72,3**	**67,9**	**66,6**	**62,9**	**55,6**	**56,2**	**55,9**
of which								
Poltava city	1,8	1,6	1,4	1,1	1,1	1,2	1,2	1,2
Horishni Plavni (*former* Komsomolsk city)	11,3	12,7	12,9	12,2	12,8	12,2	9,2	9,9
Kremenchuk	18,7	19,9	20,7	19,8	18,6	16,1	20,8	18,7
Rivne	**12,9**	**17,1**	**14,9**	**12,0**	**11,6**	**10,2**	**9,1**	**9,6**
of which								
Rivne city	4,5	5,9	4,7	4,0	4,4	3,7	3,2	2,8
Zdolbuniv	2,7	4,8	4,6	3,5	3,1	2,7	2,3	3,2
Sumy	**31,7**	**35,9**	**30,2**	**30,5**	**27,0**	**17,5**	**19,8**	**20,3**
of which								
Sumy city	10,4	12,9	10,9	9,9	8,9	6,5	7,0	7,4
Konotop	0,3	0,3	0,2	0,3	0,2	0,3	0,3	0,3
Shostka	0,4	0,4	0,5	0,6	0,5	0,3	0,4	0,4
Ternopil	**18,5**	**20,4**	**20,9**	**15,9**	**8,2**	**8,5**	**9,0**	**10,6**
of which								
Ternopil city	0,6	0,6	0,5	0,6	0,5	0,6	0,6	0,7
Veleki Birky	10,7	11,3	12,0	7,8	0,0	0,0	0,0	0,0
Kremenets	0,9	1,1	1,1	0,7	0,2	0,3	1,3	1,1

Table 9.2 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Kharkiv	**151,9**	**174,1**	**197,6**	**210,3**	**150,5**	**53,4**	**100,2**	**45,0**
of which								
Kharkiv city	4,9	5,0	5,3	4,9	4,5	4,4	4,9	4,9
Balakliya	0,7	3,6	0,5	0,6	0,5	0,4	0,4	0,5
Donets (*former* Chervoniy Donets city)	3,5	2,9	3,0	3,6	2,8	2,5	2,6	3,6
Slobozhanske (*former* Komsomolske city)	108,1	126,2	151,3	164,3	113,9	22,8	55,9	11,2
Kherson	**5,3**	**5,8**	**6,4**	**6,0**	**7,2**	**8,9**	**9,7**	**9,6**
of which								
Kherson city	3,5	4,2	4,2	4,2	5,4	5,4	3,0	2,6
Khmelnytskiy	**19,1**	**18,7**	**16,4**	**17,2**	**17,1**	**18,3**	**21,7**	**21,1**
of which								
Khmelnytskiy city	1,0	1,0	1,0	1,1	1,1	1,0	1,0	1,1
Humentsi	9,4	9,5	6,9	7,1	7,8	7,1	7,6	7,8
Krasyliv	3,6	3,1	3,6	3,6	2,8	0,8	0,6	1,5
Slavuta	0,3	0,4	0,4	0,5	0,2	0,5	0,4	0,4
Starokostyantyniv	0,5	0,4	0,4	0,3	0,3	0,2	0,3	0,8
Cherkasy	**61,2**	**62,2**	**69,4**	**73,1**	**66,7**	**57,5**	**52,3**	**48,3**
of which								
Cherkasy city	32,3	30,4	35,7	39,9	36,4	29,8	23,8	20,1
Smila	0,3	0,4	0,4	0,4	0,3	0,3	0,3	0,3
Talne	0,9	1,2	1,0	0,8	0,4	0,4	0,2	0,2
Chernivtsi	**3,8**	**3,8**	**2,9**	**2,7**	**2,5**	**3,2**	**3,0**	**3,3**
of which								
Chernivtsi city	1,3	1,3	1,1	1,0	1,0	1,1	1,0	1,1
Chernihiv	**47,4**	**49,5**	**45,8**	**43,7**	**41,9**	**33,9**	**37,1**	**31,6**
of which								
Chernihiv city	19,8	23,0	21,4	21,1	20,0	15,1	18,5	13,0
Nizhyn	1,0	1,1	1,0	1,0	1,1	1,1	1,1	1,0
Olyshivka	3,3	3,3	2,6	2,4	2,4	0,1	0,0	0,4
cities								
Kyiv	**28,6**	**33,3**	**32,9**	**31,9**	**31,4**	**26,7**	**34,3**	**45,5**
Sevastopol	**4,0**	**3,7**	**3,2**	**2,6**	**…**	**…**	**…**	**…**

[1] The Law of Ukraine *On the condemnation of Communist and National Socialist (Nazi) totalitarian regimes in Ukraine and the prohibition of their symbols* settlements whose names contain the symbols of the communist totalitarian regime, have been renamed

10. NATIONAL ACCOUNTS

10.1. Gross domestic product (GDP) production and distribution, by type of economic activity

(at current prices; mln. UAH)

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Agriculture, forestry and fishing	2010	195390	112442	82948	17896	–305	65357
	2011	261331	151370	109961	22755	–303	87509
	2012	269983	156738	113245	26739	176	86330
	2013	315546	183192	132354	30745	731	100878
	2014	381227	220082	161145	31274	1353	128518
	2015	558788	318982	239806	35131	1389	203286
	2016	655569	375868	279701	40834	312	238555
Mining and quarrying	2010	119911	55837	64074	34536	–5801	35339
	2011	157418	71724	85694	40983	–6905	51616
	2012	153036	70508	82528	44739	–16673	54462
	2013	155870	73583	82287	49193	–13043	46137
	2014	156192	77072	79120	34726	–7595	51989
	2015	186194	91053	95141	34219	–385	61307
	2016	253770	122120	131650	39644	–1427	93433
Manufacturing	2010	810843	664094	146749	95678	2693	48378
	2011	970116	811378	158738	115224	4181	39333
	2012	974924	796482	178442	128708	5389	44345
	2013	904052	734419	169633	118313	5712	45608
	2014	975675	781625	194050	123632	6044	64374
	2015	1206047	969355	236692	132968	6563	97161
	2016	1458786	1167315	291471	137331	3434	150706
Electricity, gas, steam, and air-conditioning supply	2010	98052	66298	31754	22387	294	9073
	2011	129202	87259	41943	28285	657	13001
	2012	144578	99012	45566	26520	–6354	25400
	2013	140522	96302	44220	26353	–493	18360
	2014	148408	103572	44836	29586	–7517	22767
	2015	176768	123383	53385	32641	–3649	24393
	2016	242236	168427	73809	36899	–373	37283

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Water supply, sewerage, waste management and remediation	2010	25318	17121	8197	6977	–28	1248
	2011	26112	18420	7692	7513	–120	299
	2012	24070	17041	7029	7900	–1266	395
	2013	22417	15471	6946	7679	–319	–414
	2014	23465	16229	7236	6710	–1245	1771
	2015	26982	19058	7924	8028	–869	765
	2016	30680	22178	8502	7944	–355	913
Construction	2010	137118	100470	36648	18028	547	18073
	2011	164992	123935	41057	22973	507	17577
	2012	184751	144251	40500	23721	1257	15522
	2013	174158	135708	38450	22757	1370	14323
	2014	162551	125675	36876	20998	1198	14680
	2015	188595	149667	38928	20060	1612	17256
	2016	240327	192870	47457	22419	529	24509
Wholesale and retail trade; repair of motor vehicles and motorcycles	2010	295912	133741	162171	68291	3503	90377
	2011	362327	160581	201746	84581	3118	114047
	2012	399249	189017	210232	99788	3506	106938
	2013	409406	186617	222789	105416	4801	112572
	2014	442955	209253	233702	102761	4431	126510
	2015	549163	275174	273989	101419	3969	168601
	2016	645171	327096	318075	115838	3114	199123
Transport and storage, postal and courier activities	2010	169526	82257	87269	46914	848	39507
	2011	215666	107543	108123	57559	872	49692
	2012	222425	118556	103869	66563	1787	35519
	2013	231003	120918	110085	68820	1167	40098
	2014	217287	116398	100889	62100	1068	37721
	2015	295634	160656	134978	73271	1289	60418
	2016	341938	185193	156745	81551	–284	75478
Accommodation and food service activities	2010	22579	12474	10105	5250	213	4642
	2011	25212	13573	11639	6178	278	5183
	2012	24993	13534	11459	7275	405	3779
	2013	24884	13344	11540	7364	449	3727
	2014	21438	11511	9927	5859	427	3641
	2015	25458	13512	11946	5858	310	5778
	2016	32637	17086	15551	6724	277	8550

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Information and communication	2010	69614	35966	33648	17432	–342	16558
	2011	80585	41461	39124	19688	71	19365
	2012	90269	46082	44187	22557	1932	19698
	2013	99269	50022	49247	24549	1082	23616
	2014	105116	52392	52724	24075	1697	26952
	2015	142223	69627	72596	26268	2856	43472
	2016	182886	93618	89268	29621	246	59401
Financial and insurance activities	2010	100995	38386	62609	28408	786	33415
	2011	97109	37680	59429	30560	892	27977
	2012	100096	37760	62336	33927	846	27563
	2013	106292	38761	67531	34242	866	32423
	2014	116826	46225	70601	32733	1397	36471
	2015	107764	40252	67512	26996	1769	38747
	2016	107615	42170	65445	30797	2029	32619
Real estate activities	2010	93713	33693	60020	10643	389	48988
	2011	113182	41388	71794	14456	395	56943
	2012	126209	39236	86973	20793	–1126	67306
	2013	140627	41527	99100	22648	206	76246
	2014	139848	40704	99144	19238	–2238	82144
	2015	176078	53057	123021	15976	742	106303
	2016	208144	62160	145984	16129	635	129220
Professional, scientific and technical activities	2010	55207	27454	27753	17687	502	9564
	2011	63090	31910	31180	18442	535	12203
	2012	88024	45004	43020	27462	473	15085
	2013	97333	48629	48704	30395	1780	16529
	2014	92230	45091	47139	30355	1336	15448
	2015	107124	51335	55789	29001	1605	25183
	2016	135141	66681	68460	32351	918	35191

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Administrative and support service activities	2010	25492	13256	12236	6824	106	5306
	2011	31543	16604	14939	8296	56	6587
	2012	34563	17693	16870	11713	1570	3587
	2013	37560	18985	18575	12562	821	5192
	2014	35938	17877	18061	13601	770	3690
	2015	43370	21746	21624	14724	789	6111
	2016	59338	29754	29584	17863	357	11364
Public administration and defence, compulsory social security	2010	74783	21329	53454	49052	62	4340
	2011	76529	18961	57568	53567	58	3943
	2012	89101	24778	64323	58059	68	6196
	2013	97642	24448	73194	67763	70	5361
	2014	117168	38437	78731	72538	91	6102
	2015	147578	52493	95085	86329	118	8638
	2016	182158	59093	123065	111927	74	11064
Education	2010	84197	28471	55726	50577	96	5053
	2011	91357	29158	62199	56745	96	5358
	2012	106702	31541	75161	68627	113	6421
	2013	112780	31035	81745	73939	106	7700
	2014	106305	30237	76068	69059	107	6902
	2015	119928	37150	82778	74753	130	7895
	2016	132745	43749	88996	78640	84	10272
Human health and social work activities	2010	63527	22070	41457	35515	–375	6317
	2011	69824	24358	45466	38504	317	6645
	2012	80542	27325	53217	46158	360	6699
	2013	78876	26686	52190	44009	164	8017
	2014	71755	25505	46250	39267	188	6795
	2015	88636	37156	51480	43041	339	8100
	2016	99304	40446	58858	49065	–31	9824
Art, entertainment and recreation	2010	10459	4068	6391	5225	–539	1705
	2011	13022	5464	7558	6327	–735	1966
	2012	18283	7987	10296	9462	–3662	4496
	2013	20512	7168	13344	10314	–2423	5453
	2014	19135	6796	12339	9912	–1993	4420
	2015	20436	8079	12357	10181	–2328	4504
	2016	23155	9601	13554	10622	–2657	5589

Table 10.1 continued

	Year	Output	Intermediate consumption	Gross value added	Of which		
					labour remuneration of employees	taxes, less subsidies on production	gross operating surplus, mixed income
Other services	2010	13787	4821	8966	3331	280	5355
	2011	17058	6008	11050	4086	326	6638
	2012	18855	5951	12904	5784	400	6720
	2013	20809	6379	14430	6126	490	7814
	2014	20508	6627	13881	6519	476	6886
	2015	22475	8119	14356	6782	505	7069
	2016	26694	9641	17053	7630	323	9100
Total (at base prices)	**2010**	**2466423**	**1474248**	**992175**	**540651**	**2929**	**448595**
	2011	**2965675**	**1798775**	**1166900**	**636722**	**4296**	**525882**
	2012	**3150653**	**1888496**	**1262157**	**736495**	**–10799**	**536461**
	2013	**3189558**	**1853194**	**1336364**	**763187**	**3537**	**569640**
	2014	**3354027**	**1971308**	**1382719**	**734943**	**–5**	**647781**
	2015	**4189241**	**2499854**	**1689387**	**777646**	**16754**	**894987**
	2016	**5058294**	**3035066**	**2023228**	**873829**	**7205**	**1142194**
Taxes, less subsidies on products	2010	128410	×	128410	×	128410	×
	2011	182278	×	182278	×	182278	×
	2012	196939	×	196939	×	196939	×
	2013	186293	×	186293	×	186293	×
	2014	204196	×	204196	×	204196	×
	2015	299157	×	299157	×	299157	×
	2016	362139	×	362139	×	362139	×
Gross domestic product	**2010**	**2594833**	**1474248**	**1120585**	**540651**	**131339**	**448595**
	2011	**3147953**	**1798775**	**1349178**	**636722**	**186574**	**525882**
	2012	**3347592**	**1888496**	**1459096**	**736495**	**186140**	**536461**
	2013	**3375851**	**1853194**	**1522657**	**763187**	**189830**	**569640**
	2014	**3558223**	**1971308**	**1586915**	**734943**	**204191**	**647781**
	2015	**4488398**	**2499854**	**1988544**	**777646**	**315911**	**894987**
	2016	**5420433**	**3035066**	**2385367**	**873829**	**369344**	**1142194**

10.2. GDP, by category of final use

	2010	2011	2012	2013	2014	2015[1]	2016[1]
				At current prices, mln. UAH			
Gross domestic product	**1120585**	**1349178**	**1459096**	**1522657**	**1586915**	**1988544**	**2385367**
Final consumption expenditure	946270	1154205	1287542	1397512	1429959	1723629	2032328
households	717509	905609	1001964	1099191	1120876	1331526	1569702
non-profit institutions serving household	8379	9905	9226	10570	12873	15788	18899
general government	220382	238691	276352	287751	296210	376315	443727
individual consumption expenditure	143663	155788	183601	194270	183008	220859	251661
collective consumption expenditure	76719	82903	92751	93481	113202	155456	192066
Gross fixed capital formation	201887	247592	283116	263661	224327	269422	368691
Changes in inventories	3616	27714	2325	–13761	–12077	47231	148581
Acquisition, less disposal of valuables	375	520	756	208	341	188	929
Exports of goods and services	520585	666577	691361	653180	771129	1045928	1175953
Imports of goods and services	–552148	–747430	–806004	–778143	–826764	–1097854	–1341115

Table 10.2 continued

	2010	2011	2012	2013	2014	2015[1]	2016[1]
	As a percentage of total						
Gross domestic product	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Final consumption expenditure	84,4	85,5	88,3	91,8	90,1	86,7	85,2
households	64,0	67,1	68,7	72,2	70,6	67,0	65,8
non-profit institutions serving household	0,7	0,7	0,6	0,7	0,8	0,8	0,8
general government	19,7	17,7	19,0	18,9	18,7	18,9	18,6
individual consumption expenditure	12,8	11,6	12,6	12,8	11,5	11,1	10,6
collective consumption expenditure	6,9	6,1	6,4	6,1	7,2	7,8	8,0
Gross fixed capital formation	18,1	18,4	19,4	17,3	14,2	13,5	15,5
Changes in inventories	0,3	2,1	0,2	–0,9	–0,8	2,4	6,2
Acquisition, less disposal of valuables	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Exports of goods and services	46,5	49,4	47,4	42,9	48,6	52,6	49,3
Imports of goods and services	–49,3	–55,4	–55,3	–51,1	–52,1	–55,2	–56,2

[1] Updated data

10.3. GDP structure, by income category

(percent)

	2010	2011	2012	2013	2014	2015	2016
Gross domestic product	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Labour remuneration of employees	48,2	47,2	50,5	50,1	46,3	39,1	36,6
Taxes less subsidies on production and imports	11,8	13,8	12,7	12,5	12,9	15,9	15,5
on products	11,5	13,5	13,5	12,2	12,9	15,0	15,2
other, related to production	0,3	0,3	–0,8	0,3	0,0	0,9	0,3
Gross operating surplus, mixed income	40,0	39,0	36,8	37,4	40,8	45,0	47,9

10.4. Integrated table of

										Uses
Accounts	**Total**	**Goods and services (resources)**	**Rest of the world**	**Total economy**	**Non-profit institutions serving households**	**Households**	**General government**	**Financial corporations**	**Non-financial corporations**	**Transactions and balancing items**
Production account/ external goods and services account	1341115	1341115								Import of goods and services
	1175953		1175953							Export of goods and services
	5058294	5058294								Output (at basic prices)
	3035066			3035066	6777	298798	147383	41285	2540823	Intermediate consumption
	367786	367786								Taxes on products
	–5647	–5647								Subsidies on products
	2023228			2023228	9733	450146	281627	63400	1218322	**Gross value added / gross domestic product[2]**
	–313522			–313522	–1574	–42248	–34558	–6136	–229006	Consumption of fixed capital
	1709706			1709706	8159	407898	247069	57264	989316	Net value added / net domestic product
	165162		165162							External balance of goods and services
Generation of income account	1044883		171054	873829	7985	24400	246896	30577	563971	Compensation of employees
	386508		—	386508	174	5285	173	1983	11107	Taxes on production and imports
	367786			367786						taxes on products
	18722		—	18722	174	5285	173	1983	11107	other taxes on production
	–17164			–17164	—	—	—	—	–11517	Subsidies on production and imports
	–5647			–5647						subsidies on products
	–11517			–11517	—	—	—	—	–11517	other subsidies on products
	1142194			1142194	1574	420461	34558	30840	654761	**Gross operating surplus, mixed income**
	828672			828672	0	378213	0	24704	425755	Net operating, mixed income

national accounts for 2016[1]

(mln. UAH)

Resources										
Transactions and balancing items	**Non-financial corporations**	**Financial corporations**	**General government**	**Households**	**Non-profit institutions serving households**	**Total economy**	**Rest of the world**	**Goods and services (resources)**	**Total**	**Accounts**
Import of goods and services							1341115		1341115	**Production account/ External goods and services account**
Export of goods and services								1175953	1175953	
Output (at basic prices)	3759145	104685	429010	748944	16510	5058294			5058294	
Intermediate consumption								3035066	3035066	
Taxes on products			367786			367786			367786	
Subsidies on products			–5647			–5647			–5647	
Gross value added / gross domestic product[2]	1218322	63400	281627	450146	9733	2023228			2023228	**Generation of income account**
Consumption of fixed capital										
Net value added / net domestic product										
External balance of goods and services							165162		165162	
Compensation of employees				1044883		1044883			1044883	**Allocation of primary income account**
Taxes on production and imports			386508			386508			386508	
taxes on products			367786			367786			367786	
other taxes on production			18722			18722			18722	
Subsidies on production and imports			–17164			–17164			–17164	
subsidies on products			–5647			–5647			–5647	
other subsidies on products			–11517			–11517			–11517	
Gross operating surplus, mixed income	654761	30840	34558	420461	1574	1142194			1142194	
Net operating, mixed income										
Property income	29783	190700	60333	75452	406	356674	137417		494091	

Uses

Accounts	Total	Goods and services (resources)	Rest of the world	Total economy	Non-profit institutions serving households	Households	General government	Financial corporations	Non-financial corporations	Transactions and balancing items
Allocation of primary income	494091		4066	490025	0	15564	97953	156254	220254	Property income
	2423070			2423070	1980	1525232	366282	65286	464290	**Gross balance of primary income / gross national income**
	2109548			2109548	406	1482984	331724	59150	235284	Net balance of primary income / net national income
Secondary distribution of income account	211869		3507	208362		146930	—	3231	58201	Current taxes on income, wealth, etc
	151991			151991		148522			3469	Social contributions
	337659			337659	363		325963	305	11028	Social benefits other than social transfers in kind
	380468		126015	254453	—	34019	142706	52266	25462	Other current transfers
	2515773			2515773	19367	1624382	459688	21868	390468	**Gross disposable income**
	2202251			2202251	17793	1582134	425130	15732	161462	Net disposable income
Redistribution of income in kind account	270560			270560	18899		251661			Social transfers in kind
	2515773			2515773	468	1894942	208027	21868	390468	**Gross adjusted disposable income**
	2202251			2202251	–1106	1852694	173469	15732	161462	Net adjusted disposable income
										Gross disposable income
Use of disposable income account										Adjustment for the change in net equity of households in non-government pension funds
	159		—	159	—	—	—	159	—	Final consumption expenditure
	2032328			2032328	18899	1569702	443727			individual consumption expenditure
	1840262			1840262	18899	1569702	251661			collective consumption expenditure
	192066			192066			192066			**Gross saving**
	483445			483445	468	54839	15961	21709	390468	Net saving
	169923			169923	–1106	12591	–18597	15573	161462	Gross adjusted disposable income

Table 10.4 continued

Resources										
Transactions and balancing items	**Non-financial corporations**	**Financial corporations**	**General government**	**Households**	**Non-profit institutions serving households**	**Total economy**	**Rest of the world**	**Goods and services (resources)**	**Total**	**Accounts**
Gross balance of primary income / gross national income	464290	65286	366282	1525232	1980	2423070			2423070	**Secondary distribution of income account**
Net balance of primary income/ net national income										
Current taxes on income, wealth, etc			205017			205017	6852		211869	
Social contributions	11028	278	140322		363	151991			151991	
Social benefits other than social transfers in kind				337614		337614	45		337659	
Other current transfers	13310	12106	216736	91007	17387	350546	29922		380468	
Gross disposable income	390468	21868	459688	1624382	19367	2515773			2515773	**Redistribution of income in kind account**
Net disposable income										
Social transfers in kind				270560		270560			270560	
Gross adjusted disposable income										
Net adjusted disposable income										
Gross disposable income	390468	21868	459688	1624382	19367	2515773			2515773	**Use of disposable income account**
Adjustment for the change in net equity of households in non-government pension funds	—	—	—	159	—	159	—		159	
Final consumption expenditure								2032328	2032328	
individual consumption expenditure								1840262	1840262	
collective consumption expenditure								192066	192066	
Gross saving										
Net saving										

	Uses									
Accounts	**Total**	**Goods and services (resources)**	**Rest of the world**	**Total economy**	**Non-profit institutions serving households**	**Households**	**General government**	**Financial corporations**	**Non-financial corporations**	**Transactions and balancing items**
Use of adjusted disposable income account	2032328		2032328		1840262	192066			Actual final consumption
	1840262		1840262		1840262				actual individual final consumption
	192066		192066			192066			actual collective final consumption
	483445		483445	468	54839	15961	21709	390468	**Gross saving**
	169923		169923	–1106	12591	–18597	15573	161462	Net saving
	34756	34756							Current external balance
Capital account									Capital transfers, receivable
									Capital transfers, payable
	368691		368691	1138	35497	52983	6072	273001	Gross fixed capital formation
	–313522		–313522	–1574	–42248	–34558	–6136	–229006	Consumption of fixed capital
	148581		148581	–50	3376	–3014	–1533	149802	Changes in inventories
	929		929	—	330	–12	611	—	Acquisitions less disposals of valuables
	0	2144	–2144	…	…	335	252	–2731	Acquisitions less disposals of non-produced non-financial assets
	0	32408	–32408	346	18072	–45771	–332	–4723	**Net lending (+), net borrowing (–)**

Table 10.4 continued

Resources										
Transactions and balancing items	**Non-financial corporations**	**Financial corporations**	**General government**	**Households**	**Non-profit institutions serving households**	**Total economy**	**Rest of the world**	**Goods and services (resources)**	**Total**	**Accounts**
Gross adjusted disposable income	390468	21868	208027	1894942	468	2515773			2515773	**Use of adjusted disposable income account**
Actual final consumption										
actual individual final consumption										
actual collective final consumption										
Gross saving										
Net saving	161462	15573	–18597	12591	–1106	169923			169923	**Capital account**
Current external balance							34756		34756	
Capital transfers, receivable	27229	—	10995	2436	966	41626	26		41652	
Capital transfers, payable	–2348	–16639	–22435	…	—	–41422	–230		–41652	
Gross fixed capital formation								368691	368691	
Consumption of fixed capital										
Changes in inventories								148581	148581	
Acquisitions less disposals of valuables								929	929	
Acquisitions less disposals of non-produced non-financial assets										

	Uses									
Accounts	**Total**	**Goods and services (resources)**	**Rest of the world**	**Total economy**	**Non-profit institutions serving households**	**Households**	**General government**	**Financial corporations**	**Non-financial corporations**	**Transactions and balancing items**
Financial account										Statistical discrepancy
	0		–70316	70316				70316		Monetary gold and SDRs
	–137252		–42378	–94874	593	–30852	–7467	–95300	38152	Currency and deposits
	226232		3443	222789		–95	—	186751	36133	Debt securities
	–95897		–27023	–68874		–599	3960	–72236	1	Loans
	242798		92305	150493	—	232	129216	264	20781	Equity and investment fund shares or units
	2465		…	2465	…	1098		–284	1651	Insurance, pension and standardized guaranteed schemes
	199		…	199	…	189	…	…	10	Financial derivatives and employee stock
	547237		12481	534756		28321	21555	2885	481995	Other accounts receivable / payable

[1] See the footnote to Table 10.2
[2] The indicator for a total economy differs from the same indicator calculated as a sum of sectors by the volume of taxes excluding subsidies on products

Table 10.4 continued

Resources										
Transactions and balancing items	**Non-financial corporations**	**Financial corporations**	**General government**	**Households**	**Non-profit institutions serving households**	**Total economy**	**Rest of the world**	**Goods and services (resources)**	**Total**	**Accounts**
Net lending (+), net borrowing (–)	–4723	–332	–45771	18072	346	–32408	32408		0	**Financial account**
Statistical discrepancy	–8806	23811	628	0	–62	15571	–15571		0	
Monetary gold and SDRs										
Currency and deposits		32048				32048	–169300		–137252	
Debt securities	–466	–27438	175703			147799	78433		226232	
Loans	–8225	–69318	3830	–20518	185	–94046	–1851		–95897	
Equity and investment fund shares or units	97950	146428				244378	–1580		242798	
Insurance, pension and standardized guaranteed schemes		2719				2719	–254		2465	
Financial derivatives and employee stock	199	…	…	…	…	199	…		199	
Other accounts receivable / payable	485182	32100	14130	740		532152	15085		547237	

10.5. Input-output

	Intermediate						
	agriculture, forestry and fishing	mining and quarrying	manufacturing	electricity, gas, steam and air-conditioning supply	water supply, sewerage, waste management and remediation	construction	wholesale and retail trade; repair of motor vehicles and motorcycles
Agriculture, forestry and fishing	160706	493	147167	250	21	242	20208
Mining and quarrying	4951	16346	169637	89414	238	8450	3569
Manufacturing	165752	47611	632082	30609	9586	116038	68584
Electricity, gas, steam and air-conditioning supply	9115	27770	76614	22713	4558	2448	11934
Water supply, sewerage, waste management and remediation	349	370	2727	6919	1214	390	705
Construction	1121	1708	4209	1279	205	45390	2435
Wholesale and retail trade; repair of motor vehicles and motorcycles	70515	25074	432320	855	1378	3980	80643
Transportation and storage, postal and courier activities	27962	21689	104718	917	430	1199	26398
Accommodation and food service activities	263	168	1787	404	18	294	2183
Information and communication	527	463	6345	1473	443	814	13663
Financial and insurance activities	5194	3384	19296	3786	961	1797	25178
Real estate activities	1234	2429	12718	2384	447	1478	39375
Professional, scientific and technical activities	5245	6154	22402	2883	982	7700	24885
Administrative and support service activities	2980	2790	4707	620	850	1875	3195
Public administration and defence, compulsory social security	549	1174	2751	2838	496	340	1700
Education	43	234	366	227	40	55	259
Human health and social work activities	129	912	1292	475	143	272	247
Arts, entertainments and recreation	42	150	506	86	31	14	264
Other services	146	272	364	295	137	94	1671
Intermediate consumption	**456823**	**159191**	**1642008**	**168427**	**22178**	**192870**	**327096**
Labour remuneration of employees	40834	39644	137331	36899	7944	22419	115838
Taxes on production and imports	10865	14444	259197	13608	1786	12115	6262
Subsidies on production and imports	–1676	–3376	–304	–2883	–758	–66	
Gross operating surplus, mixed income	238555	93433	150706	37283	913	24509	199123
Gross domestic product	**288578**	**144145**	**546930**	**84907**	**9885**	**58977**	**321223**
Output	**745401**	**303336**	**2188938**	**253334**	**32063**	**251847**	**648319**

at consumer prices in 2016[1,2]

(mln. UAH)

consumption

transportation and storage, postal and courier activities	accommodation and food service activities	information and communication	financial and insurance activities	real estate activities	professional, scientific and technical activities	administrative and support service activities	public administration and defence, compulsory social security	education	human health and social work activities	arts, entertainments and recreation	other services	total
4893	2320	20			52	338	2303	2947	677	49	17	**342703**
28299	381	70	9	163	375	1645	1246	2479	673	252	166	**328363**
64456	6304	8331	5205	3028	13667	5348	31320	6320	21385	1174	3256	**1240056**
18695	2211	2413	80	25	1255	1990	4721	9115	3860	1259	669	**201445**
594	204	24	11	1325	192	1350	208	338	266	48	90	**17324**
4451	207	2533	38	7644	3391	837	3875	116	299	26	115	**79879**
9354	60	3366	2108	2089	5235	1620	692	3219	819	141	93	**643561**
20789	299	921	622	898	1515	1046	3002	646	286	391	153	**213881**
820	495	560	124	202	1171	490	1299	192	265	711	76	**11522**
3163	447	60258	1276	1902	8861	1380	2767	1946	837	1026	518	**108109**
4730	618	2319	21773	8109	6686	1004	974	1670	797	163	388	**108827**
4555	1410	5486	4072	15390	16442	1166	106	371	872	307	316	**110558**
6322	938	3559	4455	11867	6626	4025	3168	2542	935	603	511	**115802**
10771	779	1475	2025	7474	156	6881		945	742	962	532	**49759**
1137	69	148	119	948	284	275	435	2629	717	408	30	**17047**
364	11	189	27	106	231	86	339	7991	84	8	8	**10668**
1174	78	152	30	51	73	45	810	15	6622	111	15	**12646**
282	146	1560		429	328	40	1828	187	74	1874	2487	**10328**
344	109	234	196	510	141	188		81	236	88	201	**5307**
185193	**17086**	**93618**	**42170**	**62160**	**66681**	**29754**	**59093**	**43749**	**40446**	**9601**	**9641**	**3627785**
81551	6724	29621	30797	16129	32351	17863	111927	78640	49065	10622	7630	**873829**
10749	2953	9889	6092	24486	3478	3342	74	3510	2011	1006	641	**386508**
–2134		–1013		–1761	–3	–307			–163	–2720		**–17164**
75478	8550	59401	32619	129220	35191	11364	11064	10272	9824	5589	9100	**1142194**
165644	**18227**	**97898**	**69508**	**168074**	**71017**	**32262**	**123065**	**92422**	**60737**	**14497**	**17371**	**2385367**
350837	**35313**	**191516**	**111678**	**230234**	**137698**	**62016**	**182158**	**136171**	**101183**	**24098**	**27012**	**6013152**

Table 10.5 continued

	Final consumption expenditure			Gross fixed capital formation			Exports of goods and services	Imports of goods and services	Product use
	households	NPISHs	general government	gross fixed capital formation	changes in inventories	acquisition less disposal of valuable			
Agriculture, forestry and fishing	196209		2389	2589	30339		**216795**	**–45623**	**745401**
Mining and quarrying	20096		16058		6559		**63133**	**–130873**	**303336**
Manufacturing	954386	2858	5106	187820	108755	706	**627559**	**–938308**	**2188938**
Electricity, gas, steam and air-conditioning supply	23036		24448				**5664**	**–1259**	**253334**
Water supply, sewerage, waste management and remediation	4027		10495				**1273**	**–1056**	**32063**
Construction	1791			163736	2923		**4649**	**–1131**	**251847**
Wholesale and retail trade; repair of motor vehicles and motorcycles	6685		14				**1132**	**–3073**	**648319**
Transportation and storage, postal and courier activities	63786		13925				**143692**	**–84447**	**350837**
Accommodation and food service activities	40285						**4754**	**–21248**	**35313**
Information and communication	37491		667	6342			**66450**	**–27543**	**191516**
Financial and insurance activities	19100						**3055**	**–19304**	**111678**
Real estate activities	122960	1517	727	3335			**1268**	**–10131**	**230234**
Professional, scientific and technical activities	2825		7412	4742	5		**22421**	**–15509**	**137698**
Administrative and support service activities	17719		697				**6403**	**–12562**	**62016**
Public administration and defence, compulsory social security	849		177208				**967**	**–13913**	**182158**
Education	19042	604	105953				**140**	**–236**	**136171**
Human health and social work activities	16761	3892	68945				**458**	**–1519**	**101183**
Arts, entertainments and recreation	9755	278	9659			223	**2149**	**–8294**	**24098**
Other services	12899	9750	24	127			**3991**	**–5086**	**27012**
Total	**1569702**	**18899**	**443727**	**368691**	**148581**	**929**	**1175953**	**–1341115**	**6013152**

[1] The table is aggregated
[2] See the footnote to Table 10.2

10.6. Gross regional product[1]

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**1082569**	**1302079**	**1459096**	**1522657**	**1586915**	**1988544**	**2385367**
Autonomous Republic of Crimea	32426	38220	44536	46393	…	…	…
oblasts							
Vinnytsya	23589	29099	33024	36191	43990	59871	74411
Volyn	14429	17637	20005	20622	24195	31688	35744
Dnipropetrovsk	116136	140020	147970	152905	176540	215206	244478
Donetsk	128986	161021	170775	164926	119983	115012	137500
Zhytomyr	18743	21928	24849	25676	29815	38425	47919
Zakarpattya	15299	18054	21404	21400	24120	28952	32390
Zaporizhzhya	42736	49525	54828	54352	65968	89061	104323
Ivano-Frankivsk	20446	26752	32286	33196	37643	45854	51404
Kyiv	44953	59154	69663	68931	79561	104030	128638
Kirovohrad	15749	20041	22056	25313	28758	38447	46021
Luhansk	45541	57202	58767	55108	31393	23849	31356
Lviv	41655	52103	61962	63329	72923	94690	114842
Mykolayiv	24055	27633	29205	32030	35408	48195	57815
Odesa	53878	61499	64743	69760	74934	99761	119800
Poltava	44291	52252	56580	58464	69831	95867	116272
Rivne	15882	19302	21795	22004	28724	35252	39469
Sumy	18333	22907	24933	26765	30397	41567	46287
Ternopil	12726	16294	17957	18085	21676	26656	31072
Kharkiv	65293	76866	82223	85315	96596	124843	154871
Kherson	15649	18448	19357	20767	23250	32215	38743
Khmelnytskiy	18096	22843	26237	26426	32162	41088	48859
Cherkasy	22354	27012	31265	33087	38466	50843	59412
Chernivtsi	9892	11969	13166	13757	15049	18506	21239
Chernihiv	17008	21165	23934	24237	28156	36966	43362
cities							
Kyiv	196639	223774	275685	312552	357377	451700	559140
Sevastopol	7785	9359	9891	11066	…	…	…

[1] Since 2012, here and elsewhere (Tables 10.7−10.9) the compilations are made in line with the *Methodological explanations on the updated version of the SNA 2008* (SSSU Decree 398 of December 17, 2013)

10.7. Share of gross regional product in the general total

(percent)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Autonomous Republic of Crimea	3,0	2,9	3,1	3,0	…	…	…
oblasts							
Vinnytsya	2,2	2,2	2,3	2,4	2,8	3,0	3,1
Volyn	1,3	1,4	1,4	1,4	1,5	1,6	1,5
Dnipropetrovsk	10,7	10,8	10,1	10,0	11,1	10,8	10,2
Donetsk	11,9	12,4	11,7	10,8	7,6	5,8	5,8
Zhytomyr	1,7	1,7	1,7	1,7	1,9	1,9	2,0
Zakarpattya	1,4	1,4	1,5	1,4	1,5	1,5	1,4
Zaporizhzhya	3,9	3,8	3,8	3,6	4,2	4,5	4,4
Ivano-Frankivsk	1,9	2,1	2,2	2,2	2,4	2,3	2,2
Kyiv	4,2	4,5	4,8	4,5	5,0	5,2	5,4
Kirovohrad	1,5	1,5	1,5	1,7	1,8	1,9	1,9
Luhansk	4,2	4,4	4,0	3,6	2,0	1,2	1,3
Lviv	3,8	4,0	4,3	4,2	4,6	4,8	4,8
Mykolayiv	2,2	2,1	2,0	2,1	2,2	2,4	2,5
Odesa	5,0	4,7	4,4	4,6	4,7	5,0	5,0
Poltava	4,1	4,0	3,9	3,8	4,4	4,8	4,9
Rivne	1,5	1,5	1,5	1,4	1,8	1,8	1,7
Sumy	1,7	1,8	1,7	1,8	1,9	2,1	1,9
Ternopil	1,2	1,2	1,2	1,2	1,4	1,3	1,3
Kharkiv	6,0	5,9	5,6	5,6	6,1	6,3	6,5
Kherson	1,4	1,4	1,3	1,4	1,5	1,6	1,6
Khmelnytskiy	1,7	1,8	1,8	1,7	2,0	2,1	2,0
Cherkasy	2,1	2,1	2,1	2,2	2,4	2,6	2,5
Chernivtsi	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Chernihiv	1,6	1,6	1,6	1,6	1,8	1,9	1,8
cities							
Kyiv	18,2	17,2	18,9	20,5	22,5	22,7	23,4
Sevastopol	0,7	0,7	0,7	0,7	…	…	…

10.8. Per capita gross regional product

(at current prices; UAH)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**23600**	**28488**	**32002**	**33473**	**36904**	**46413**	**55899**
Autonomous Republic of Crimea	16507	19467	22675	23595	…	…	…
oblasts							
Vinnytsya	14332	17768	20253	22303	27249	37270	46615
Volyn	13916	16993	19249	19817	23218	30387	34310
Dnipropetrovsk	34709	42068	44650	46333	53749	65897	75396
Donetsk	28986	36446	38907	37830	27771	26864	32318
Zhytomyr	14616	17184	19551	20286	23678	30698	38520
Zakarpattya	12278	14455	17088	17044	19170	22989	25727
Zaporizhzhya	23657	27567	30656	30526	37251	50609	59729
Ivano-Frankivsk	14814	19386	23379	24022	27232	33170	37220
Kyiv	26140	34420	40483	39988	46058	60109	74216
Kirovohrad	15533	19918	22082	25533	29223	39356	47469
Luhansk	19788	25067	25950	24514	14079	10778	14251
Lviv	16353	20490	24387	24937	28731	37338	45319
Mykolayiv	20276	23402	24838	27355	30357	41501	50091
Odesa	22544	25748	27070	29118	31268	41682	50159
Poltava	29652	35246	38424	39962	48040	66390	81145
Rivne	13785	16735	18860	19003	24762	30350	33958
Sumy	15711	19800	21722	23517	26943	37170	41741
Ternopil	11713	15055	16644	16819	20228	24963	29247
Kharkiv	23639	27966	29972	31128	35328	45816	57150
Kherson	14346	16990	17910	19311	21725	30246	36585
Khmelnytskiy	13602	17260	19920	20165	24662	31660	37881
Cherkasy	17325	21082	24558	26168	30628	40759	48025
Chernivtsi	10939	13228	14529	15154	16552	20338	23365
Chernihiv	15406	19357	22096	22603	26530	35196	41726
cities							
Kyiv	70424	79729	97429	109402	124163	155904	191736
Sevastopol	20455	24564	25872	28765	…	…	…

10.9. Volume indices of gross regional product

(at the prices of the previous year; percent)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**104,1**	**105,2**	**100,2**	**100,0**	**93,4**	**90,2**	**102,4**
Autonomous Republic of Crimea	103,4	102,7	98,8	101,0	…	…	…
oblasts							
Vinnytsya	103,0	107,2	103,7	104,8	104,6	97,1	106,5
Volyn	100,2	105,3	104,8	99,3	101,1	95,3	108,2
Dnipropetrovsk	105,8	103,4	97,5	99,3	95,1	90,3	98,4
Donetsk	111,1	111,4	97,1	94,7	67,1	61,3	99,1
Zhytomyr	112,8	102,7	109,4	101,9	103,6	98,1	105,2
Zakarpattya	107,7	104,7	103,0	100,6	102,8	93,5	97,3
Zaporizhzhya	103,2	102,9	97,8	99,3	100,4	94,7	99,7
Ivano-Frankivsk	100,5	106,5	103,3	97,7	97,6	92,0	99,0
Kyiv	105,1	111,7	101,9	93,4	99,4	94,0	105,7
Kirovohrad	105,7	109,2	100,7	109,5	100,6	91,7	105,0
Luhansk	102,3	109,1	99,1	92,2	61,0	47,7	118,0
Lviv	102,3	108,7	102,0	98,8	100,9	95,2	99,3
Mykolayiv	103,2	102,7	96,1	104,4	98,4	95,3	105,6
Odesa	102,4	102,1	96,8	105,7	98,3	95,8	104,2
Poltava	109,5	101,8	97,8	94,4	96,0	93,8	97,9
Rivne	106,8	104,6	103,3	96,9	102,6	93,4	100,3
Sumy	98,9	107,8	101,7	102,7	100,4	96,7	96,6
Ternopil	100,4	111,3	109,0	96,6	108,0	93,7	98,5
Kharkiv	101,7	104,5	98,4	98,8	97,9	90,9	102,1
Kherson	101,8	103,8	100,2	101,1	99,7	98,7	102,8
Khmelnytskiy	100,0	108,0	109,0	96,9	102,3	92,2	104,7
Cherkasy	105,9	106,4	100,9	100,7	98,9	95,0	101,8
Chernivtsi	100,3	104,0	106,1	101,5	98,3	94,7	99,4
Chernihiv	100,0	107,8	104,0	95,8	100,5	93,4	100,6
cities							
Kyiv	101,4	100,7	101,9	106,4	96,1	93,3	105,5
Sevastopol	106,4	103,1	88,4	106,0	…	…	…

11. PRICES

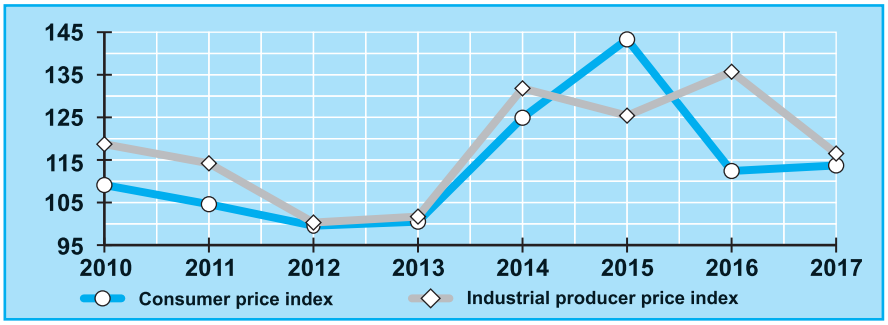
11.1. Price indices

(percent of the previous year)

	2010	2012	2013	2014	2015	2016	2017
Consumer price index	109,4	100,6	99,7	112,1	148,7	113,9	114,4
Industrial producer price index	120,9	103,7	99,9	117,1	136,0	120,5	126,4
Price index for agricultural products sold by agricultural enterprises	130,0	106,8	97,1	124,3	154,5	109,0	111,5
Price index for construction and assembly operations	115,8	112,6	105,6	109,5	127,1	109,2	113,4

11.2. Consumer price indices and industrial producer price indices in 2010–2017

(Dec.over Dec. of the previous year; percent)



11.3. Consumer and producer price indices

(Dec. over Dec. of the previous year; percent)

	2010	2012	2013	2014	2015	2016	2017
Consumer price index	109,1	99,8	100,5	124,9	143,3	112,4	113,7
Base consumer price index	107,9	100,8	100,1	122,8	134,7	105,8	109,5
Industrial producer price index	118,7	100,3	101,7	131,8	125,4	135,7	116,5
Price index for construction and assembly operations	118,9	109,0	104,0	115,7	122,7	109,9	115,5

11.4. Consumer price indices

	Consumer price index	Of				
		foodstuffs and non-alcoholic beverages	alcoholic beverages, tobacco products	clothes and footwear	housing, water, electricity, gas and other types of fuels	household goods, household appliances and current maintenance of housing
Ukraine	**113,7**	**117,7**	**120,7**	**100,9**	**110,6**	**103,1**
Autonomous Republic of Crimea	…	…	…	…	…	…
oblasts						
Vinnytsya	113,0	119,0	122,6	102,7	110,0	95,5
Volyn	114,6	118,1	121,5	101,7	110,3	102,8
Dnipropetrovsk	112,8	117,7	120,5	103,1	107,9	102,7
Donetsk	115,9	117,5	119,7	112,2	111,9	105,5
Zhytomyr	113,0	115,8	120,9	99,5	110,1	100,5
Zakarpattya	113,9	116,5	119,1	105,9	110,6	104,0
Zaporizhzhya	114,1	118,3	121,7	98,6	107,8	103,8
Ivano-Frankivsk	113,7	115,9	122,2	92,9	112,9	105,4
Kyiv	113,8	117,4	119,2	103,0	112,4	103,5
Kirovohrad	113,8	116,8	118,9	97,7	114,4	105,3
Luhansk	114,9	119,3	120,8	100,9	120,4	103,0
Lviv	113,0	116,2	120,2	99,9	112,0	103,1
Mykolayiv	113,5	117,3	119,2	98,0	113,7	105,4
Odesa	114,6	118,6	122,4	103,9	113,4	104,0
Poltava	113,1	118,1	119,6	99,0	107,9	102,9
Rivne	115,0	118,9	124,0	103,3	109,5	103,5
Sumy	113,6	118,3	120,6	100,7	106,6	103,7
Ternopil	113,3	115,8	120,2	100,9	110,1	104,0
Kharkiv	113,8	119,2	121,4	101,8	107,5	102,6
Kherson	114,4	119,0	118,6	97,8	109,9	101,3
Khmelnytskiy	113,8	117,2	122,7	102,3	111,7	103,1
Cherkasy	114,6	118,6	120,1	99,1	113,5	104,4
Chernivtsi	112,4	115,8	120,3	104,3	107,1	102,9
Chernihiv	113,9	117,4	119,7	104,2	108,7	105,2
cities						
Kyiv	113,4	119,7	120,8	90,6	108,0	103,2
Sevastopol	…	…	…	…	…	…

in 2017, by region

(Dec. over Dec. of the previous year; percent)

which						
health care	transport	communi-cations	leisure and culture	education	restaurants and hotels	various goods and services
107,5	**116,7**	**109,1**	**104,5**	**114,9**	**117,3**	**107,6**
…	…	…	…	…	…	…
101,8	113,0	105,2	98,2	118,2	113,4	94,6
107,3	117,2	109,3	104,8	125,3	118,1	107,7
104,9	113,9	106,7	102,2	113,1	115,0	109,3
107,2	123,4	116,2	107,6	107,3	136,4	109,2
110,2	118,2	106,4	100,9	122,0	122,0	102,6
107,4	114,8	107,7	105,8	127,5	121,6	117,4
109,6	118,5	109,7	102,0	112,1	114,7	106,0
105,2	119,4	114,8	104,8	111,2	116,4	110,3
107,2	116,4	107,3	104,9	120,1	114,4	105,9
108,5	117,4	108,8	102,5	117,9	116,8	105,8
104,5	114,2	107,7	105,5	112,7	119,6	104,1
108,3	115,9	108,1	102,9	112,4	112,3	110,3
110,8	112,8	109,1	105,9	112,2	111,1	106,1
107,9	113,1	113,4	105,4	112,2	116,3	106,4
105,1	112,4	109,1	104,6	116,4	115,2	110,0
105,9	116,8	108,8	105,7	127,3	119,1	110,6
105,6	115,8	108,7	103,1	121,4	117,6	106,9
105,2	117,7	109,2	105,6	112,8	112,7	121,8
110,3	115,2	110,3	103,9	114,7	113,3	105,6
110,4	121,3	106,3	108,1	115,2	116,8	103,2
105,1	115,5	108,2	104,6	114,1	121,6	114,0
110,2	116,0	109,6	104,7	119,3	114,9	108,1
108,0	116,4	108,8	103,0	109,2	110,8	104,1
107,9	117,2	108,6	103,5	118,9	116,1	108,9
109,3	116,7	105,2	105,4	110,7	112,4	104,3
…	…	…	…	…	…	…

11.5. Consumer price indices, by region

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	Dec. over Dec. of the previous year					of the previous year				
Ukraine	**109,1**	**124,9**	**143,3**	**112,4**	**113,7**	**109,4**	**112,1**	**148,7**	**113,9**	**114,4**
Autonomous Republic of Crimea	109,6	…	…	…	…	110,7	…	…	…	…
oblasts										
Vinnytsya	107,0	123,3	138,8	110,0	113,0	108,0	111,1	146,2	110,6	112,3
Volyn	108,1	125,9	143,3	111,8	114,6	108,0	112,2	150,5	113,2	114,1
Dnipro-petrovsk	109,3	125,7	142,6	112,7	112,8	109,8	111,9	149,8	113,5	114,1
Donetsk	110,3	122,0	146,9	111,6	115,9	109,9	111,1	146,1	116,4	115,7
Zhytomyr	108,9	125,2	143,7	112,6	113,0	109,3	111,6	151,1	112,8	113,8
Zakarpattya	108,5	125,7	144,0	111,7	113,9	109,0	111,7	151,0	113,6	113,3
Zaporizhzhya	109,7	125,7	142,1	112,3	114,1	110,3	112,4	148,5	113,7	114,7
Ivano-Frankivsk	108,3	125,0	143,4	110,9	113,7	108,3	111,9	150,4	112,7	113,5
Kyiv	107,9	124,7	144,3	112,2	113,8	108,3	112,7	150,4	113,0	114,0
Kirovohrad	108,5	124,4	141,3	112,3	113,8	108,2	112,0	146,7	113,4	115,0
Luhansk	110,5	125,2	138,8	110,7	114,9	109,9	113,5	143,8	112,3	114,1
Lviv	109,7	126,7	145,2	111,9	113,0	110,5	113,0	152,5	114,1	112,4
Mykolayiv	110,0	124,9	143,5	112,2	113,5	110,0	112,0	149,0	113,4	115,1
Odesa	110,5	127,2	144,6	113,6	114,6	111,2	113,2	151,6	114,9	115,6
Poltava	108,4	123,8	145,0	114,2	113,1	109,2	111,3	149,2	115,2	115,0
Rivne	108,3	127,0	144,9	112,3	115,0	108,5	112,7	151,8	114,0	114,6
Sumy	108,9	124,7	145,5	114,2	113,6	109,1	111,6	150,4	115,3	115,0
Ternopil	108,5	125,4	145,1	111,6	113,3	108,1	111,6	151,7	113,2	114,0
Kharkiv	109,0	125,3	144,2	114,1	113,8	109,5	111,8	149,9	114,7	115,5
Kherson	110,6	124,1	145,8	112,8	114,4	109,8	111,5	150,1	114,3	116,8
Khmel-nytskiy	109,6	123,7	142,5	111,4	113,8	110,2	111,8	148,5	112,8	113,4
Cherkasy	109,0	124,2	143,8	112,7	114,6	108,9	111,9	149,6	113,5	115,0
Chernivtsi	108,2	123,5	142,0	111,0	112,4	108,1	111,1	148,6	112,5	112,4
Chernihiv	109,5	126,7	145,6	112,8	113,9	108,9	112,7	152,7	114,0	114,5
cities										
Kyiv	109,8	125,8	138,6	114,0	113,4	110,0	112,9	143,9	114,3	116,4
Sevastopol	112,8	…	…	…	…	112,5	…	…	…	…

11.6. Indices of consumer prices for the basic groups of goods and services

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	Dec. over Dec. of the previous year					of the previous year				
Foodstuffs and non-alcoholic beverages	110,6	124,8	141,5	103,3	117,7	110,9	112,2	145,9	109,0	112,9
Foodstuffs	110,7	124,5	140,1	103,2	118,3	110,7	112,1	144,4	108,5	113,4
bread and cereal products	116,5	135,1	144,6	106,3	110,7	112,3	113,4	160,6	111,1	108,4
bread	111,3	126,4	145,7	107,4	120,1	110,2	111,9	154,8	109,9	115,4
pasta	111,0	125,9	143,6	103,1	109,2	107,1	110,6	154,1	107,2	106,0
meat and meat products	104,1	127,5	122,5	105,0	129,4	102,0	110,9	131,3	107,3	120,9
fish and fish products	104,2	137,2	142,4	102,4	100,5	105,1	117,1	160,2	105,1	101,7
milk, cheese and eggs	116,0	117,2	133,5	113,1	121,6	121,9	110,9	128,5	114,1	120,8
oil and fats	108,1	121,1	141,5	110,3	119,6	109,6	106,5	145,5	113,4	115,4
fruits	109,3	155,9	148,2	93,5	134,5	105,1	124,8	172,4	98,2	115,2
vegetables	120,9	89,4	166,7	71,4	124,7	114,5	104,1	130,8	93,6	110,3
sugar	120,3	122,8	169,8	98,8	92,6	157,5	146,3	136,0	117,8	106,8
Non-alcoholic beverages	105,7	128,9	157,8	103,4	106,5	109,1	112,9	166,1	111,9	105,0
Alcoholic beverages, tobacco products	122,1	125,9	122,7	122,5	120,7	125,6	116,7	133,2	112,6	126,2
Clothes and footwear	102,2	114,5	135,0	105,5	100,9	103,7	102,0	133,1	116,1	102,4
clothes	102,3	112,7	133,2	104,9	100,5	103,6	101,6	131,1	115,0	102,1
footwear	102,5	117,0	137,8	105,8	101,6	104,1	102,6	136,4	117,4	102,6
Housing, water, electricity, gas and other types of fuels	113,8	134,3	203,0	147,2	110,6	109,4	116,2	215,8	135,1	126,7
water supply	106,4	147,4	123,0	142,1	120,2	112,9	122,0	138,7	132,4	129,0
sewerage	107,1	169,5	122,5	128,3	115,1	116,9	132,4	146,5	122,0	123,3
maintenance of buildings and adjacent territories	104,4	102,1	105,4	111,5	147,5	112,6	101,1	105,0	107,9	136,6
electricity	100,0	111,3	166,9	160,0	128,1	100,0	106,6	142,3	162,4	148,9
natural gas	150,1	162,8	373,0	142,0	101,2	120,9	141,9	453,2	124,7	108,3
hot water, heating	106,2	146,9	178,4	188,0	103,5	105,6	109,8	161,1	178,4	156,4
Household goods, household appliances and current maintenance of housing	101,2	127,9	136,0	104,2	103,1	103,2	111,7	145,9	109,4	102,9
Health care	105,8	130,0	129,1	107,8	107,5	107,9	116,5	137,6	111,7	106,2
Transport	106,6	141,6	120,4	111,4	116,7	109,6	124,5	136,8	106,5	114,2
fuels and lubricants	113,9	160,7	112,5	119,5	120,0	118,3	137,0	134,5	106,2	117,5
transport services	105,0	122,2	127,0	105,0	122,7	108,1	114,0	132,2	107,5	117,8
rail passenger transport	100,0	120,4	109,0	102,8	105,9	105,3	116,3	118,7	104,1	103,9
road passenger transport	105,8	121,7	130,6	105,2	124,9	108,4	113,3	134,5	108,0	119,7
Communications	91,1	102,4	107,0	104,0	109,1	93,6	100,9	105,9	103,9	108,7
Leisure and culture	102,5	124,8	137,9	104,5	104,5	104,0	110,7	142,7	112,2	104,3
Education	110,3	104,7	124,2	113,7	114,9	113,1	103,2	117,9	116,5	111,9
Restaurants and hotels	107,4	114,0	123,3	111,0	117,3	107,4	106,7	124,3	113,1	113,6
Various goods and services	108,7	124,5	131,4	105,8	107,6	109,2	111,4	138,6	110,3	105,4

11.7. Industrial producer price indices by type of activities

(Dec. over Dec. of the previous year; percent)

	2014	2015	2016	2017
Industry	**131,8**	**125,4**	**135,7**	**116,5**
Mining and quarrying	124,3	117,6	185,1	130,4
Mining of coal and lignite	136,1	99,2	140,4	147,8
Mining of crude oil and natural gas	115,8	220,3	176,5	116,1
Mining of metal ore	119,9	91,1	207,2	129,3
Manufacturing	134,3	123,8	122,6	118,5
Manufacture of food products, beverages and tobacco products	127,3	136,4	116,2	112,5
Manufacture of meat and meat products	131,4	122,4	109,8	129,0
Manufacture of dairy products	109,3	130,0	124,5	118,3
Manufacture of bread, bakery and flour products	126,4	144,3	107,8	117,5
Manufacture of sugar	112,1	169,7	102,8	91,9
Manufacture of drinks	115,8	129,6	116,8	115,8
Manufacture of textiles, apparel, leather and related products	123,9	126,7	105,1	110,9
Manufacture of wood and paper products, and printing	136,4	134,0	107,1	111,4
Manufacture of coke, and refined petroleum products	150,1	104,7	161,7	143,0
Manufacture of chemicals and chemical products	153,9	124,2	98,6	121,9
Manufacture of pharmaceuticals, medicinal chemical and botanical products	126,1	131,5	108,5	111,0
Manufacture of rubber and plastics products, and other non-metallic mineral products	124,4	129,6	109,5	112,5
Manufacture of basic metals and fabricated metal products, except machinery and equipment	152,7	112,4	141,8	126,9
Manufacture of computer, electronic and optical products	121,5	133,3	106,0	111,6
Manufacture of electrical equipment	125,7	121,6	106,7	121,2
Manufacture of machinery and equipment n.e.c.	114,0	128,2	113,9	112,2
Manufacture of transport equipment, trailers and semitrailers and other	109,9	115,5	111,4	117,9
Electricity, gas, steam and air-conditioning supply	128,5	133,2	151,5	104,0

11.8. Producer price indices, by selected consumer goods

(Dec. over Dec. of the previous year; percent)

	2013	2014	2015	2016	2017
Fresh or cooled cattle meat	97,8	127,5	123,5	109,0	123,2
Fresh or cooled pork meat	95,2	128,0	116,2	116,0	134,8
Fresh or cooled poultry meat	93,3	135,0	124,3	109,4	135,3
Boiled sausages, frankfurters, sausages	103,0	128,3	120,1	105,3	121,2
Sunflower oil and its fractions, refined but not subjected to chemical modification	92,8	137,2	145,0	109,6	102,5
Skimmed milk processed (pasteurized, sterilized, homogenized, clarified, peptized)	113,1	114,3	122,3	118,6	122,4
Butter and milk products pasty	117,1	103,0	129,5	141,0	115,7
Cheese	119,3	103,0	138,3	119,4	118,7
Wheat or wheat-rye flour	91,2	142,6	118,7	111,4	110,3
Macaroni, noodles and similar farinaceous products	105,4	132,9	129,7	95,4	105,6
Granulated sugar	117,0	112,1	169,7	102,8	91,9
Vodka alcohol content of less than 45,4%	103,7	115,5	142,1	121,2	117,4
Bed linen	98,4	142,3	135,0	102,2	104,7
Shirts, apart from knitted or crocheted, for men and boys	113,4	113,6	148,6	111,1	115,3
Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap, miscellaneous special footwear	101,1	122,1	115,2	101,2	109,3
Kitchen furniture	101,5	124,2	140,2	104,9	112,8

11.9. Price indices of agricultural products sold by agricultural enterprises

(percent of the previous year)

	2010	2012	2013	2014	2015	2016	2017
Agricultural production	**130,0**	**106,8**	**97,1**	**124,3**	**154,5**	**109,0**	**111,5**
Crop output	**139,8**	**105,6**	**91,8**	**129,2**	**167,2**	**116,3**	**107,3**
Grain and leguminous crops	140,3	109,1	90,8	132,8	156,6	119,0	109,2
Oil crops	142,6	107,5	90,8	124,9	182,8	114,2	104,2
Factory sugar beets	115,4	82,4	92,1	122,1	160,5	105,9	98,1
Potatoes	164,3	47,6	146,4	112,3	79,9	104,9	127,1
Vegetable crops	143,0	74,1	92,8	137,6	142,7	108,4	112,4
Fruit and berry crops	118,0	92,9	96,0	116,6	163,7	99,1	134,4
Livestock product	**114,3**	**108,0**	**102,4**	**119,1**	**141,3**	**101,7**	**130,7**
Livestock animals	104,2	111,6	95,4	122,9	138,6	100,4	140,1
Milk	155,5	86,7	125,0	106,5	120,8	126,1	131,0
Eggs	116,3	117,4	104,8	118,6	167,5	83,5	104,3

11.10. Price indices for construction

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	Dec. over Dec. of the previous year					of the previous year				
Total	**118,9**	**115,7**	**122,7**	**109,9**	**115,5**	**115,8**	**109,5**	**127,1**	**109,2**	**113,4**
Buildings	116,5	113,5	122,9	109,5	115,9	114,2	108,4	125,7	109,1	113,9
residential	116,6	111,1	124,6	108,3	115,0	113,5	106,9	124,2	110,3	113,2
non-residential	116,5	117,1	121,5	110,8	116,8	115,0	110,1	128,2	108,0	114,6
Structures engineering	122,7	120,1	122,0	110,8	114,7	118,3	111,9	129,7	109,2	112,3
transport structures	125,3	120,3	121,9	110,1	116,4	119,3	112,3	130,6	106,6	114,2
pipelines, communication and power lines	117,5	117,8	131,6	111,4	113,5	119,6	109,9	134,2	114,8	112,7
complex industrial structures	126,5	119,1	114,9	110,3	113,9	117,9	111,7	123,0	107,7	110,9
other engineering structures	115,4	127,7	115,4	113,3	120,7	113,0	114,4	131,9	106,0	116,9

11.11. Tariff indices for post and communication services for enterprises, departments, organisations

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	IV Q over IV Q of the previous year					of the previous year				
Total	**110,8**	**102,5**	**114,2**	**101,7**	**115,8**	**107,2**	**104,8**	**108,9**	**107,1**	**119,1**
Mail services	108,6	100,0	120,0	100,0	166,6	108,6	100,0	113,3	105,9	166,6
Phone communication										
local	100,0	111,0	108,4	100,9	115,5	105,4	107,7	108,5	106,4	115,7
inter-city and international	97,7	100,0	105,1	100,0	…	99,4	100,2	104,0	101,1	…
inter-city	…	…	…	…	100,0	…	…	…	…	100,0
international	…	…	…	…	107,2	…	…	…	…	107,2
mobile	114,4	100,0	116,4	103,1	105,9	108,4	107,3	108,2	108,9	111,9

11.12. Tariff indices for shipment of cargo by rail

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	IV Q over IV Q of the previous year					of the previous year				
All cargo	**102,1**	**113,4**	**130,5**	**115,0**	**115,0**	**102,2**	**111,7**	**137,7**	**112,1**	**107,2**
Coal	100,0	112,5	130,0	115,0	115,0	101,3	111,1	132,4	115,7	107,2
Iron ore	106,3	112,5	130,0	115,0	115,0	104,7	111,1	137,7	111,2	107,2
Mineral and construction	100,0	112,5	130,1	115,0	115,0	102,8	112,0	137,7	111,3	107,2
Ferrous metals	106,3	112,5	130,0	115,0	115,0	104,8	111,1	137,7	111,3	107,2
Oil and dark refined products	…	112,5	130,0	115,0	115,0	…	111,1	137,7	111,2	107,2
Light refined products	…	112,5	130,0	115,0	115,0	…	111,1	137,7	111,3	107,2
Chemical and mineral fertilisers	100,0	112,5	130,0	115,0	115,0	99,2	111,1	137,7	111,2	107,2
Coke	104,7	112,5	130,0	115,0	115,0	105,5	111,1	137,7	111,2	107,2
Chemical[1]	100,0	112,5	130,0	115,0	115,0	100,2	111,1	137,7	111,2	107,2
Grain crops	100,0	121,0	130,0	115,0	115,0	99,0	115,5	142,4	111,2	107,2
Lumber[2]	100,0	112,5	130,0	115,0	115,0	100,9	111,1	137,7	111,2	107,2
Cement	100,0	112,5	130,0	115,0	115,0	100,2	111,1	137,7	111,2	107,2

[1] Paintwork material, glues, oxides, carbohydrates, etc
[2] Round, mine timbers, sawnwood, etc

11.13. Tariff indices for transportation by pipelines

(percent)

	2010	2014	2015	2016	2017	2010	2014	2015	2016	2017
	IV Q over IV Q of the previous year					of the previous year				
All cargo	**166,6**	**108,3**	**124,4**	**98,5**	**102,4**	**169,9**	**100,0**	**125,5**	**105,1**	**102,7**
Oil	124,8	100,0	109,5	100,0	100,1	123,2	100,0	106,4	102,9	100,0
Gas	171,0	108,6	125,1	98,4	102,5	174,4	100,0	126,4	105,1	102,8

12. THE UNIFIED STATE REGISTER OF ENTERPRISES AND ORGANISATIONS OF UKRAINE (Business register)[1]

12.1. Number of legal persons, by region

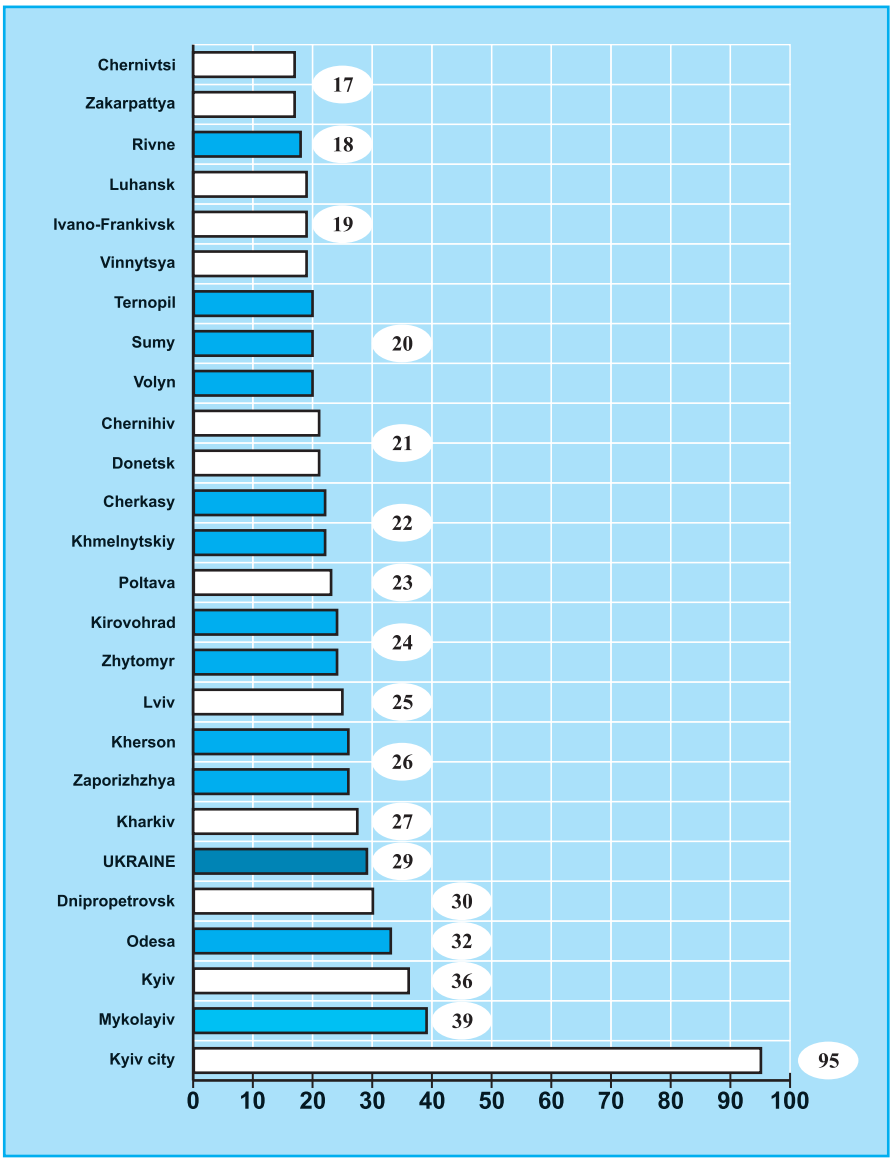
(beginning of year)

	2012	2013	2014	2015	2016	2017	2018
Ukraine	**1043595**	**1067599**	**1100278**	**1072945**	**1121347**	**1185071**	**1235024**
Autonomous Republic of Crimea	38625	39468	40613	…	…	…	…
oblasts							
Vinnytsya	24410	24843	25303	26228	27349	28665	29869
Volyn	16877	17283	17660	18047	18673	19547	20288
Dnipropetrovsk	83776	84557	86514	88795	92438	97722	95678
Donetsk	81698	82788	84609	84009	84073	85281	86808
Zhytomyr	24457	25012	25546	26337	27160	28449	29456
Zakarpattya	18368	18561	18811	19212	19987	20976	21742
Zaporizhzhya	41616	41627	42112	42367	43274	44983	45583
Ivano-Frankivsk	22670	23137	23285	23610	24326	25679	26607
Kyiv	45462	47303	49275	51321	55351	61090	63257
Kirovohrad	19498	19816	20131	20098	20714	21666	22608
Luhansk	38319	39204	40027	39940	39850	40005	40307
Lviv	51139	52567	54010	55389	57750	61506	64462
Mykolayiv	37218	37699	38448	39268	41047	42736	44988
Odesa	61999	63006	64501	66004	68103	72419	76160
Poltava	28558	28925	29189	29358	30147	31227	32009
Rivne	18167	18326	18474	18774	19446	20538	21219
Sumy	19601	19846	20177	20466	21074	21790	22397
Ternopil	18000	18388	18837	18959	19271	20070	20601
Kharkiv	60077	61296	62943	64458	67297	70651	73703
Kherson	22795	22865	23113	23666	24726	26145	27169
Khmelnytskiy	25554	25878	26231	26142	26908	27807	28447
Cherkasy	22856	22992	23635	23638	24739	26232	27070
Chernivtsi	13750	13900	14018	14177	14709	15143	15365
Chernihiv	18039	18384	18735	19152	19786	20556	21239
cities							
Kyiv	175739	185109	198721	213530	233149	254188	277992
Sevastopol	14327	14819	15360	…	…	…	…

[1] In 2012–2014, according to Ukraine's Law № 2390-VI dated on July 1, 2010, on making changes to Ukraine's law *On the state registration of legal persons and natural persons-entrepreneurs*, the data from the Unified State Register of Legal and Natural Persons-Entrepreneurs (USR) have been reconciled with data from departmental registers of executive bodies and local authorities. As a result of this work, the Business register data were updated, the number of entities in it decreased due to those that were registered till 2004 and which did not make actions to be included in the USR in accordance with the law

12.2. Business of legal persons, by region

(as of January 1, 2018; per 1000 population)



12.3. Number of legal persons, by the organisational forms

(beginning of year)

	2012	2013	2014	2015[1]	2016[1]	2017[1]	2018[1]
Total legal persons	**1043595**	**1067599**	**1100278**	**1072945**	**1121347**	**1185071**	**1235024**
including							
farm	44573	44672	44778	43137	43743	44409	45035
private enterprise	221259	217934	217209	201917	201788	202352	200295
public enterprise	4612	4519	4395	4042	4019	3982	3893
state-run enterprise	45	38	33	32	33	32	32
communal enterprise	12913	12714	12512	11464	11438	11677	11640
subsidiary	14447	13863	13552	12539	12336	12266	12068
foreign enterprise	878	854	795	679	676	670	653
enterprise, association of citizens (religious organisation, trade union)	3630	3628	3616	3247	3288	3313	3276
enterprise founded by consumer partnership	1334	1345	1310	1285	1254	1234	1213
joint-stocks company	18981	17973	17344	15893	15571	15206	14710
of which							
public joint-stock partnership	2894	3482	3637	3490	3486	3122	2186
private joint-stock partnership	4000	4440	4476	4215	4149	4348	5076
limited liability company	399361	420817	448537	453931	488205	532401	576554
extended liability company	1130	1249	1298	1311	1336	1392	1453
full liability company	1463	1444	1442	1337	1361	1378	1344
mixed liability company	433	421	417	384	387	384	377
cooperative	28675	28435	28649	24868	25763	26460	26975
of which							
production	2171	2141	2348	2331	2321	2306	2248
serve	19761	19332	19344	16660	17439	18169	18654
consumer	731	770	808	725	730	748	749
agriculture and production	1249	1166	1137	1009	998	997	996
agriculture and serve	890	917	1006	899	949	1017	1073
authorities, organisation (establishment, institution)	106439	106936	105959	101777	102218	101277	99033
of which							
state-run (establishment, institution)	15175	15391	13863	12697	12629	11322	10708

Table 12.3 continued

	2012	2013	2014	2015[1]	2016[1]	2017[1]	2018[1]
communal (establishment, institution)	63029	63026	63695	61824	61940	62167	61782
private (establishment, institution)	905	932	960	942	955	998	1060
organisation (establishment, institution) public association (religious organisation, trade union, consumer cooperation, etc)	1508	1542	1571	1592	1602	1581	1536
association	2216	2246	2290	2203	2260	2331	2376
corporation	627	618	604	565	560	564	558
consortium	64	65	66	64	66	69	74
concern	224	216	210	193	195	195	191
union of consumer partnerships	329	328	343	328	322	323	319
other associations of legal persons	950	875	833	763	756	767	753
commodity exchange	587	585	589	580	595	613	622
credit union	1127	1139	1156	1090	1090	1090	1079
consumer partnership	4363	4343	4467	4333	4337	4400	4420
not state pension fund	77	75	74	72	72	72	73
political party	15204	15186	15172	14491	15557	15817	15791
non-profit organisation	59131	61957	64678	64175	70321	75988	80461
public union	176	200	334	511	753	990	1254
religious organisation	21229	21837	22601	22219	23261	24072	25223
trade union, association of trade unions	24587	25702	26580	25824	26321	26899	27601
creative union (other professional organisation)	257	265	285	267	279	292	311
charitable organisation	10758	11339	12297	13399	15384	16837	17726
condominium	13551	14697	15892	15689	17109	26080	27999
community association population	1284	1404	1481	1353	1415	1497	1552
Separate units of legal persons (reference)	**37395**	**37142**	**38064**	**36680**	**38932**	**44982**	**49922**
including							
branch (other separate unit)	33173	32845	33671	32433	34278	40636	45332
representative office	4222	4297	4393	4247	4267	4346	4590

[1] Data exclude the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol

12.4. Number of legal persons, by type of economic activity

(beginning of year)

	2017	2018
Total legal persons[1]	**1185071**	**1235024**
Agriculture, forestry and fishing	62293	65185
Mining and quarrying	3272	3431
Manufacturing	59261	63309
Electricity, gas, steam and air-conditioning supply	3155	4015
Water supply, sewerage, waste management and remediation	5889	6240
Construction	53083	57947
Wholesale and retail trade; repair of motor vehicles and motorcycles	187925	210534
Transportation and storage, postal and courier activities	24318	26604
Accommodation and food service activities	13047	14067
Information and communication	23249	25468
Financial and insurance activities	8024	8548
Real estate activities	44951	47932
Professional, scientific and technical activities	53816	57875
Administration and support service activities	64383	70285
Public administration and defence, compulsory social security	41429	39636
Education	38730	39251
Human health and social work activities	24374	25864
Art, entertainment and recreation	10295	10915
Other services	106617	116499

[1] See the footnote to Table 12.3

13. INDUSTRY

13.1. Industrial production indices, by type of activity[1]

(percent of the previous year)

	2011	2012	2013	2014	2015	2016	2017
Industry	**108,0**	**99,5**	**95,7**	**89,9**	**87,0**	**102,8**	**100,4**
Mining and manufacturing	108,8	99,1	95,3	89,3	86,9	102,9	101,6
Mining and quarrying	106,8	101,9	100,6	86,3	85,8	99,8	94,3
Manufacturing	109,6	98,0	92,9	90,7	87,4	104,3	104,8
including							
Manufacture of food products, beverages and tobacco products	102,9	101,0	94,9	102,5	89,3	104,4	102,9
Manufacture of textiles, apparel, leather and related products	107,6	93,4	94,2	98,6	92,0	102,2	107,2
Manufacture of wood and paper products, and printing	107,0	100,9	102,5	96,0	88,9	102,0	105,8
Manufacture of coke, and refined petroleum products	96,4	81,6	89,2	78,7	80,9	108,7	85,2
Manufacture of chemicals and chemical products	123,7	96,2	83,1	85,8	84,8	101,1	118,4
Manufacture of pharmaceuticals, medicinal chemical and botanical products	98,6	107,2	111,8	101,9	92,4	104,4	106,9
Manufacture of rubber and plastics products, and other non-metallic mineral products	113,4	94,0	97,6	91,2	92,8	108,5	108,2
Manufacture of basic metals and fabricated metal products, except machinery and equipment	111,0	96,4	94,7	85,5	83,9	106,8	100,2
Machine-building, except to repair and installation of machinery and equipment	115,9	96,7	86,8	79,4	85,9	102,0	107,9
Electricity, gas, steam and air-conditioning supply	103,6	102,0	98,6	93,4	88,0	102,5	93,5

[1] Index of industrial production is compiled according to international standards. The base formula for compilation is the Laspeyres volume index. The compilation is based on data on movements of production of fixed set of representative goods and structure of gross value added for the base year. Index is produced by type of activity in sections B, C, D (apart from group 35.3) and in line with the *Classification of Types of Economic Activity* (State Classifier 009:2010)

13.2. Industrial production indices, by region[1]

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**112,0**	**108,0**	**99,5**	**95,7**	**89,9**	**87,0**	**102,8**	**100,4**
Autonomous Republic of Crimea	110,5	104,3	98,7	100,8	…	…	…	…
oblasts								
Vinnytsya	106,5	100,0	107,1	110,4	105,4	104,0	105,3	108,2
Volyn	126,7	112,6	94,5	102,9	103,2	98,6	100,2	105,7
Dnipropetrovsk	116,1	105,4	102,2	98,5	92,5	92,1	99,3	100,1
Donetsk	114,7	113,6	94,6	93,6	68,5	65,4	106,4	89,1
Zhytomyr	108,2	125,3	116,6	113,4	107,1	110,0	105,7	109,5
Zakarpattya	142,9	101,8	101,4	96,9	106,1	79,7	105,9	100,3
Zaporizhzhya	107,8	106,3	96,8	97,1	96,8	95,3	96,9	106,2
Ivano-Frankivsk	100,2	125,7	101,2	95,3	98,9	89,1	95,5	112,0
Kyiv	108,0	110,6	96,8	99,1	101,6	93,0	106,2	110,3
Kirovohrad	113,3	111,0	107,5	106,6	100,8	82,9	120,3	105,5
Luhansk	107,1	115,8	92,5	91,1	58,0	34,0	139,0	69,0
Lviv	100,9	112,8	101,6	101,2	97,2	98,5	99,3	106,0
Mykolayiv	110,3	104,2	99,5	96,5	101,4	91,1	110,5	101,5
Odesa	102,9	83,6	96,9	100,6	99,7	96,1	109,2	112,2
Poltava	112,6	99,6	100,0	94,7	92,9	96,2	100,1	98,9
Rivne	129,6	107,6	96,7	91,4	103,7	100,3	98,1	109,3
Sumy	93,5	107,7	95,6	107,0	88,1	98,4	91,2	101,7
Ternopil	102,5	112,4	102,1	99,5	116,5	92,1	110,3	108,5
Kharkiv	105,8	105,5	97,6	94,5	94,8	88,2	105,8	106,1
Kherson	100,5	93,1	104,7	92,4	96,4	98,1	102,0	103,2
Khmelnytskiy	104,9	109,2	101,2	97,6	97,8	95,7	104,7	101,6
Cherkasy	117,1	103,4	94,9	95,2	94,7	90,8	106,3	99,1
Chernivtsi	111,9	89,6	86,8	103,7	92,9	98,3	96,9	106,7
Chernihiv	99,8	98,0	98,1	89,6	97,2	91,2	105,8	96,5
cities								
Kyiv	104,1	102,0	95,9	89,9	85,9	94,6	104,4	95,8
Sevastopol	114,4	110,4	95,0	112,7	…	…	…	…

[1] Prior to 2013 by region index was produced according to the *Classification of Types of Economic Activity* (State Classifier 009:2005) which is harmonized with the *Classification of Types of Economic Activity* of the European Union (NACE, Rev.1.1)

13.3. Usage of fuel[1]

(mln.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Coal	67,8	72,5	73,3	71,3	53,9	45,3	53,4	44,1
Natural gas, bln.cub.m	55,9	57,4	53,5	49,7	38,6	32,8	31,9	31,5
Crude oil (including gas condensate)	11,3	9,3	4,8	3,9	2,8	2,7	…[2]	…[2]
Gasoline[3]	4,6	4,4	4,2	4,0	3,1	2,4	2,1	2,0
Gas oil (diesel fuel)[3]	5,7	6,1	6,3	6,2	5,4	4,8	4,6	5,0
Heavy fuel oil	0,8	0,9	0,3	0,2	0,1	0,4	0,7	0,6

[1] These are data from enterprises, organisations and establishments on the uses of fuels for production and operating and municipal demands, including of volumes products sold to the households and retails by filling stations

[2] 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

[3] Including of volumes of retails by filling stations

13.4. Usage of selected types of fuel in 2017, by region[1]

	Coal, thsd.t	Natural gas, mln.cub.m	Gasoline[2], thsd.t	Gas oil (diesel fuel)[2], thsd.t	Heavy fuel oil, thsd.t
Ukraine	**44136,0**	**31459,6**	**1989,9**	**4982,4**	**588,3**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	2715,0	988,7	66,0	221,7	6,8
Volyn	25,2	502,0	42,5	153,2	0,5
Dnipropetrovsk	8759,3	3415,1	167,5	478,1	11,5
Donetsk	15430,0	2150,6	58,8	172,2	21,4
Zhytomyr	20,8	596,3	56,7	160,2	3,5
Zakarpattya	12,1	466,8	69,2	135,2	0,6
Zaporizhzhya	4925,3	1181,5	105,9	215,2	11,8
Ivano-Frankivsk	5213,8	1118,0	55,2	127,8	5,5
Kyiv	493,7	1541,9	134,1	279,8	59,4
Kirovohrad	215,2	410,3	50,0	135,4	2,6
Luhansk	1537,3	572,3	20,2	72,7	2,9
Lviv	1550,5	1729,8	124,0	301,6	49,1
Mykolayiv	164,7	1016,4	54,8	173,5	0,3
Odesa	64,0	1250,3	164,5	338,9	22,7
Poltava	18,8	2453,2	87,6	343,1	152,0
Rivne	14,5	400,4	45,0	119,7	0,1
Sumy	90,1	918,3	48,2	120,1	0,0
Ternopil	6,3	615,8	37,3	126,0	0,0
Kharkiv	1035,2	2821,2	109,9	314,3	46,5
Kherson	36,7	401,9	59,1	130,1	1,6
Khmelnytskiy	397,3	794,6	57,6	187,0	3,4
Cherkasy	500,4	2271,8	83,2	176,7	0,6
Chernivtsi	20,8	365,9	39,9	87,9	0,1
Chernihiv	444,6	578,2	45,8	124,3	1,2
cities					
Kyiv	444,6	2898,4	206,8	287,7	184,1
Sevastopol	…	…	…	…	…

[1] See the first footnote to Table 13.3
[2] See the third footnote to Table 13.3

13.5. Output of industrial products, by type of activity[1]

	2013	2014	2015	2016	2017
Mining and quarrying					
Coal of hard, mln.t	64,4	45,9	30,2	31,6	24,2
Crude oil, including oil obtained from bituminous minerals, mln.t	2,2	2,0	1,8	1,6	1,5
Gas condensate natural, supplied from natural gas field, mln.t	0,9	0,7	0,7	0,6	0,7
Natural gas, liquified or gaseous, bln.cub.m	21,3	20,1	19,9	20,1	20,5
Non-agglomerated iron ores, mln.t	185	184	175	168	166
Non-agglomerated iron concentrates, mln.t	70,4	68,3	66,9	62,9	60,6
Agglomerated iron concentrates, mln.t	67,6	60,2	55,2	56,7	50,8
Salt (including denatured salt but excluding salt suitable for human consumption) and pure sodium chloride, whether or not in aqueous solution or containing added anti-caking or free-flowing agents, mln.t	5,8	2,5	2,1	1,8	1,8
Manufacture of food products, beverages and tobacco products					
Fresh or chilled carcases, half-carcases and quarters with bone in, of beef and veal, thsd.t	62,1	54,8	50,0	59,1	56,9
Fresh or chilled carcases and half-carcases, of pig meat (including fresh meat packed with salt as a temporary preservative), thsd.t	217	232	235	238	226
Frozen carcases, half-carcases, quarters and cuts, of beef and veal, thsd.t	25,4	17,4	20,7	15,2	18,4
Frozen carcases and half-carcases, of pig meat, thsd.t	5,3	7,0	12,4	7,4	6,6
Fresh or chilled whole chickens, thsd.t	440	376	326	295	320
Fresh or chilled cuts of chicken, thsd.t	320	313	362	376	454
Frozen whole chickens, thsd.t	89,7	48,9	145	217	76,8
Sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes), thsd.t	287	260	229	233	247
Tomato juice, mln.l	66,5	58,7	44,1	44,2	44,2
Apple juice, mln.l	175	173	86,1	74,6	74,0
Mixtures of fruit and vegetable juices, mln.l	272	235	189	187	187
Unconcentrated juice of any single fruit or vegetable, not fermented and not containing added spirit (excluding orange, grapefruit, pineapple, tomato, grape and apple juices), mln.l	156	105	67,2	60,6	69,9
Peas, preserved otherwise than by vinegar or acetic acid, except prepared vegetable dishes, thsd.t	16,1	17,5	15,9	13,9	11,8
Concentrated tomato puree and paste, thsd.t	56,1	80,2	94,2	92,1	113
Prepared or preserved sweetcorn (excluding prepared vegetable dishes and sweetcorn dried, frozen or preserved by vinegar or acetic acid), thsd.t	11,6	7,9	14,0	14,9	14,2
Jams, marmalades, fruit jellies, fruit or nut purees and pastes, being cooked preparations (excluding of citrus fruit, homogenised preparations), thsd.t	65,6	58,2	46,1	49,8	44,4

Table 13.5 continued

	2013	2014	2015	2016	2017
Crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified), mln.t	3,4	4,4	3,7	4,4	5,3
Margarine and reduced and low fat spreads (excluding liquid margarine), thsd.t	144	133	142	135	141
Other edible preparations of fats and oils, including liquid margarine, thsd.t	139	137	50,0	52,4	88,3
Milk and cream of a fat content by weight of ≤ 1%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content > 2 l, thsd.t	364	514	461	467	464
Milk and cream of a fat content by weight of > 1% but ≤ 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content ≤ 2 l, thsd.t	543	512	472	463	478
Milk and cream of a fat content by weight of > 21%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of > 2 l, thsd.t	41,1	58,2	51,3	53,2	47,9
Skimmed milk powder (milk and cream in solid forms, of a fat content by weight of ≤ 1,5%), in immediate packings of > 2,5 kg, thsd.t	37,1	52,4	51,2	48,5	47,6
Butter of a fat content by weight ≤ 85%, thsd.t	93,9	113	101	102	108
Unripened or uncured cheese (fresh cheese) (including whey cheese and curd), thsd.t	83,7	74,7	67,8	70,2	68,1
Grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd), thsd.t	141	105	96,6	86,5	94,3
Processed cheese (excluding grated or powdered), thsd.t	24,1	25,4	27,0	26,2	27,1
Curdled milk, cream, yogurt and other fermented products, thsd.t	378	337	297	293	272
Flavoured liquid yoghurt or acidified milk (curdled milk; cream; yoghurt and other fermented products flavoured or containing added fruit; nuts or cocoa), thsd.t	110	106	106	112	116
Wheat or meslin flour, mln.t	2,4	2,2	2,1	2,0	2,0
Bread and bakery products, short storage, mln.t	1,6	1,4	1,2	1,2	1,1
Uncooked pasta (excluding containing eggs, stuffed or otherwise prepared), thsd.t	100	101	86,8	95,9	88,2
Granulated white beet sugar, mln.t	1,3	2,1	1,5	2,0	2,0
Chocolates (excluding those containing alcohol, in blocks, slabs or bars), thsd.t	130	86,4	59,5	52,3	53,3
Sugar confectionery and substitutes therefor made from sugar substitution products, containing cocoa (including chocolate nougat) (excluding white chocolate), thsd.t	105	83,5	77,2	70,3	70,3
Gums, fruit jellies and fruit pastes in the form of sugar confectionery (excluding chewing gum), thsd.t	43,8	39,1	39,0	39,7	41,0

Table 13.5 continued

	2013	2014	2015	2016	2017
Boiled sweets, thsd.t	34,3	26,6	27,3	29,3	23,0
Toffees, caramels and similar sweets, thsd.t	74,4	70,5	83,7	75,6	78,2
Spreads and fat mixture containing a mass fraction of total fat from 50% to 85%, including milk fat in the fat phase at least 25%, thsd.t	53,9	52,5	36,3	29,4	24,8
Cognacs, brandy, mln.dal	4,5	2,6	3,0	2,8	2,4
Vodka of an alcoholic strength by volume of ≤ 45,4%, mln.dal	28,0	21,5	18,6	16,6	13,7
Spirits, liqueurs and other spirituous beverages (excluding spirits distilled from grape wine, grape marc or fruit/whisky, rum, tafia, gin and geneva, vodka of an alcoholic strength by volume of ≤ 45,4%, spirits distilled from fruit) (important: excluding alcohol duty)[2], mln.dal	11,5	10,4	8,7	5,3	6,2
Sparkling wine *Champagne of Ukraine*, mln.dal	3,1	2,6	3,2	3,0	2,1
Wine, of an alcoholic strength ≤ 15% (excluding sparkling wine and wine (PDO)), mln.dal	7,3	4,7	6,7	7,8	8,1
Beer made from malt (excluding non-alcoholic beer, beer containing ≤ 0,5% by volume of alcohol, alcohol duty), mln.dal	274	242	195	181	179
Non-alcoholic beer and beer containing ≤ 0,5% alcohol, mln.dal	4,5	3,3	2,5	2,6	2,8
Natural mineral spring waters, mln.dal	40,4	36,0	36,0	44,3	51,8
Natural mineral aerated waters, mln.dal	88,6	82,6	72,8	73,1	73,9
Waters, with added sugar, other sweetening matter or flavoured, i.e. soft drinks (including mineral and aerated), mln.dal	114	105	100	108	132
Cigarettes with tobacco or tobacco mixtures with tobacco substitutes, bln.pcs	86,1	86,0	92,9	98,2	92,2
Manufacture of textiles, apparel, leather and related products					
Woven fabrics of cotton, not of yarns of different colours, weighing > 200 g/m^2, for clothing, mln.sq.m	…[3]	…[3]	4,5	4,2	3,8
Woven fabrics of man-made filament yarns obtained from high tenacity yarn, strip or the like (including nylon, other polyamides, polyester, viscose rayon), mln.sq.m	46,0	46,1	45,4	53,3	67,2
Woven fabrics of synthetic filament yarns (excluding those obtained from high tenacity yarn or strip and the like), mln.sq.m	8,0	10,4	…[3]	11,3	12,3
Women's or girls' jackets and blazers, of knitted or crocheted textiles, thsd.pcs	358	268	381	376	374
Women's or girls' dresses, of knitted or crocheted textiles, mln.pcs	1,1	1,2	1,3	1,5	1,4
Men's or boys' overcoats, car coats, cloaks, capes and other, thsd.pcs	342	286	318	329	357
Men's or boys' suits and ensembles of textile fabrics, not knitted or crocheted, thsd.pcs	418	317	347	437	400
Women's or girls' overcoats and cloaks, thsd.pcs	1337	1142	925	938	860

Table 13.5 continued

	2013	2014	2015	2016	2017
Women's or girls' jackets and blazers (excluding knitted or crocheted), mln.pcs	1,3	1,4	1,5	1,4	1,4
Women's or girls' dresses (excluding knitted or crocheted), mln.pcs	1,6	1,5	1,2	1,5	1,7
Women's or girls' briefs and panties, of knitted or crocheted textiles (including boxer shorts), mln.pcs	4,2	3,3	3,9	3,5	4,2
T-shirts, singlets and vests, knitted or crocheted, mln.pcs	20,5	13,1	5,0	5,3	6,1
Women's or girls' swimwear, of knitted or crocheted textiles, thsd.pcs	461	645	637	622	648
Panty hose and tights, of knitted or crocheted synthetic fibres, measuring per single yarn < 67 decitex, mln.pcs	17,7	22,1	31,9	25,8	27,7
Knitted or crocheted hosiery and footwear (including socks), mln. pairs	41,1	36,6	48,2	50,5	52,0
Men's or boys' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of wool or fine animal hair (excluding jerseys and pullovers containing ≥ 50% of wool and weighing ≥ 600 g), thsd.pcs	177	212	197	218	190
Lightweight fine knit roll, polo or turtle neck jumpers and pullovers, of cotton, thsd.pcs	206	94,5	173	268	164
Women's or girls' jerseys, pullovers, sweatshirts, waistcoats and cardigans, of cotton (excluding lightweight fine knit roll, polo or turtle neck jumpers and pullovers), thsd.pcs	15,5	6,1	0,8	182	242
Waterproof footwear, with uppers in rubber or plastics (excluding incorporating a protective metal toecap), mln. pairs	1,7	1,3	1,2	1,4	1,8
Town footwear with rubber or plastic uppers, mln. pairs	3,7	5,0	5,1	4,3	5,7
Men's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	1,1	0,8	1,0	1,0	0,8
Women's town footwear with leather uppers (including boots and shoes; excluding waterproof footwear, footwear with a protective metal toe-cap), mln. pairs	0,9	1,0	1,2	1,2	0,9
Slippers and other indoor footwear (including dancing and bedroom slippers, mules) with uppers of textile materials, mln. pairs	11,4	10,6	7,8	7,7	7,7
Footwear with textile uppers (excluding slippers and other indoor footwear as well as footwear with outer soles of rubber, plastics, leather or composition leather), mln. pairs	3,9	3,9	3,2	4,1	3,7
Wooden footwear, miscellaneous special footwear and other footwear n.e.c., mln. pairs	2,1	2,0	1,6	1,6	1,7
Manufacture of wood and manufacture of products of wood and cork, except furniture					
Spruce wood (Picea abies Karst.), fir wood (Abies alba Mill.) sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm, thsd.cub.m	244	239	274	294	274

Table 13.5 continued

	2013	2014	2015	2016	2017
Pine wood (Pinus sylvestris L.) sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm, thsd.cub.m	741	773	776	897	1286
Coniferous wood sawn or chipped lengthwise, sliced or peeled, of a thickness of > 6 mm (excluding spruce Picea abies Karst., silver fir Abies alba Mill. and pine Pinus sylvestris L.), thsd.cub.m	339	301	398	438	411
Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm (excluding coniferous and tropical woods and oak blocks, strips and friezes), thsd.cub.m	384	373	396	458	472
Particle boards and similar boards of wood, unworked or sanded, mln.cub.m	1,4	1,3	1,3	1,3	1,4
Other plywood, veneered panels and similar laminated wood, of other wood, thsd.cub.m	175	187	183	181	180
Windows, french windows and their frames, of wood, mln.pcs	1,3	1,0	1,0	0,9	1,1
Doors and their frames and thresholds, of wood, mln.pcs	1,5	1,2	1,1	0,9	1,0
Manufacture of paper and paper products, and printing					
Graphic paper, paperboard: mechanical fibres ≤ 10%, weight ≥ 40 g/m^2 but ≤ 150 g/m^2, in rolls, thsd.t	13,7	8,7	3,5	2,8	1,3
Paper stock for household: others, thsd.t	121	124	119	115	120
Other uncoated paper and paperboard, in rolls or sheets, weight ≤ 150 g/m^2 (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	345	317	298	300	321
Other uncoated paper and paperboard, in rolls or sheets, weight > 150 g/m^2 and < 225 g/m^2 (excluding products of HS 4802, fluting paper, testliner, sulphite wrapping paper, filter or felt paper and paperboard), thsd.t	152	125	93,7	99,4	114
Cartons, boxes and cases, of corrugated paper or paperboard, thsd.t	493	464	395	430	451
Exercise books, of paper or paperboard, thsd.t	14,6	10,5	10,1	10,0	10,3
Wallpaper and similar wall coverings; window transparencies of paper, thsd.t	119	117	56,9	59,5	64,9
Manufacture of coke, and refined petroleum products					
Coke-oven coke of coking coal; gas coke, mln.t	17,6	13,9	11,6	12,7	10,1
Petrol for motor vehicles with 0,013 g/l of lead content and less, mln.t	1,0	0,7	…[3]	…[3]	…[3]
Diesel fuel for motor vehicles and rail, mln.t	1,0	0,8	…[3]	…[3]	…[3]
Heavy fuel oil, mln.t	0,7	0,5	0,1	0,1	0,1
Manufacture of chemicals and chemical products					
Sulphuric acid; oleum, mln.t H_2SO_4	0,9	0,6	0,5	0,5	0,5
Anhydrous ammonia, mln.t N	3,5	2,4	2,2	1,7	1,0

Table 13.5 continued

	2013	2014	2015	2016	2017
Urea containing > 45% by weight of nitrogen on the dry anhydrous product (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	1,4	1,0	1,0	0,9	0,6
Ammonium nitrate (excluding in tablets or similar forms or in packages of a weight of ≤ 10 kg), mln.t N	0,8	0,5	0,4	0,5	0,4
Urea resins and thiourea resins, in primary forms, thsd.t	153	157	129	88,2	101
Polyurethanes, in primary forms, thsd.t	21,3	20,6	17,3	18,6	19,5
Paints and varnishes, based on acrylic or vinyl polymers dispersed or dissolved in an aqueous medium (including enamels and lacquers), thsd.t	73,5	66,7	60,7	74,6	76,0
Paints and varnishes, based on polyesters dispersed/dissolved in a non- aqueous medium including enamels and lacquers excluding weight of the solvent > 50% of the weight of the solution, thsd.t	67,6	51,7	43,4	53,1	55,5
Soap and organic surface-active products in bars, etc, n.e.c., thsd.t	13,9	13,8	10,7	12,9	12,8
Soap and organic surface-active products in bars, etc, for toilet use, thsd.t	32,5	35,0	26,9	24,6	24,6
Organic surface-active products and preparations for washing the skin; whether or not containing soap, p.r.s., thsd.t	7,2	10,6	10,5	10,8	13,1
Other personal preparations (perfumeries, toilet, depilatories etc), thsd.t	22,9	31,7	14,0	13,1	14,5
Manufacture of basic pharmaceutical products and pharmaceutical preparations					
Medicaments of other antibiotics, p.r.s., t	861	1269	1218	1186	1157
Medicaments containing corticosteroid hormones, their derivatives and structural analogues, put up in measured doses or for retail sale, t	93,6	114	87,3	115	119
Other medicaments of mixed or unmixed products, p.r.s., n.e.c., thsd.t	46,4	43,2	41,3	46,0	46,9
Manufacture of rubber and plastics products					
Agrarian tyres; other new pneumatic tyres, of rubber, thsd.pcs	181	213	134	…[3]	200
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, thickness ≤ 0,125 mm, thsd.t	92,9	86,1	73,8	78,9	107
Other plates, sheets, film, foil and strip, of polymers of ethylene, not reinforced, etc, thickness > 0,125 mm, thsd.t	15,8	16,8	19,3	20,3	18,0
Other plates, sheets, film, foil and strip, of polymers of styrene, not reinforced, etc, thsd.t	21,0	18,6	22,5	21,9	23,2

Table 13.5 continued

	2013	2014	2015	2016	2017
Plates, sheets, film, foil and strip, of non-cellular plastics, n.e.c., not reinforced, laminated, supported or similarly combined with other materials (excluding self-adhesive products, floor, wall and ceiling coverings of HS 3918 and sterile surgical or dental adhesion barriers of CN 3006 10 30), thsd.t	44,1	26,5	25,1	24,6	32,1
Plastic doors, windows and their frames and thresholds for doors, mln.pcs	2,6	2,2	2,3	2,7	3,2
Manufacture of other non-metallic mineral products					
Ceramic tiles and slabs, mln.sq.m	57,3	50,6	44,7	45,4	52,3
Non-refractory clay building bricks (excluding of siliceous fossil meals or earths), mln.cub.m	2,2	2,2	2,2	2,2	2,1
Portland cement, mln.t	9,5	8,4	…[3]	8,8	9,0
Other hydraulic cements, mln.t	0,3	0,2	…[3]	0,3	0,3
Quicklime, mln.t	3,7	2,8	2,5	2,5	2,2
Slaked lime, mln.t	0,2	0,3	0,2	0,3	0,3
Blocks and bricks of cement, artificial stone or concrete meant for building, mln.t	3,0	3,0	3,4	3,6	3,7
Prefabricated structural components for building, of cement, concrete or artificial stone, mln.t	4,7	3,9	4,4	4,9	4,7
Ready-mixed concrete, mln.t	15,5	12,3	12,5	15,7	18,2
Articles of asbestos-cement, of cellulose fibre-cement or similar mixtures of fibres (asbestos, cellulose or other vegetable fibres, synthetic polymer, glass or metallic fibres, etc) and cement or other hydraulic binders, containing asbestos, thsd.t	358	202	133	147	163
Articles of asphalt or of similar materials, e.g. petroleum bitumen or coal tar pitch, in rolls, mln.sq.m	32,5	27,0	27,8	31,8	39,1
Manufacture of basic metals					
Pig iron and spiegeleisen in pigs, blocks or other primary forms, mln.t	29,1	24,8	21,9	23,6	19,8
Ferro-manganese, thsd.t	88,6	104	100	184	211
Ferro-silicon, thsd.t	191	168	115	126	118
Ferro-silico-manganese, thsd.t	725	961	750	877	875
Other ferro alloys n.e.c., thsd.t	137	129	114	106	87,1
Steel without semi-finished products produced through continuous casting, mln.t	15,1	12,7	11,2	11,2	10,8
Semi-finished products produced through continuous casting, mln.t	18,1	14,7	11,9	13,2	10,4
Finished rolled ferrous metals, mln.t	17,8	14,3	12,1	13,3	11,6
including					
other wire rod (of non-alloy steel)	…[3]	1,6	1,5	1,7	…[3]
hot-rolled bars (excluding hollow drill bars and rods) of alloy steel (other than of stainless, tool, silico-manganese, bearing and high speed steel)	2,9	2,5	2,3	2,3	…[3]
Casing, tubing and drill pipe, of a kind used in the drilling for oil or gas, seamless, of steel other than stainless steel, thsd.t	…[3]	…[3]	94,3	84,9	176

Table 13.5 continued

	2013	2014	2015	2016	2017
Tubes and pipes, of circular cross-section, hot-finished, seamless, of steel other than stainless steel (excluding line pipe of a kind used for oil or gas pipelines and casing, tubing and drill-pipe used for oil or gas drilling), thsd.t	381	404	279	266	329
Tubes and pipes, of circular cross-section, hot- or cold-formed and welded, of an external diameter ≤ 406,4 mm, of steel other than stainless steel, thsd.t	318	214	225	233	157
Tubes and pipes, of square or rectangular cross-section, of a wall thickness ≤ 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	110	82,7	66,1	106	222
Tubes and pipes, of square or rectangular cross-section, of a wall thickness > 2 mm, hot- or cold-formed and welded, of steel other than stainless steel, thsd.t	232	180	149	190	173
Machine-building					
DC motors and generators of an output > 37,5 W but ≤ 750 W (excluding starter motors for internal combustion engines), thsd.pcs	34,0	24,8	10,5	7,8	11,6
DC motors and DC generators of an output > 750 W but ≤ 75 kW (excluding starter motors for internal combustion engines), thsd.pcs	3,0	2,7	4,9	6,6	2,0
Single-phase AC motors of an output ≤ 750 W, thsd.pcs	98,4	91,8	64,2	58,8	63,4
Multi-phase AC motors of an output ≤ 750 W, thsd.pcs	78,0	71,2	127	146	123
Multi-phase AC motors of an output > 0,75 kW but ≤ 7,5 kW, thsd.pcs	26,3	19,9	27,3	35,0	27,2
Other apparatus for switching… electrical circuits > 1 000 V, thsd.pcs	150	30,4	20,4	31,1	31,8
Fuses for a voltage ≤ 1 kV and for a current > 63 A, mln.pcs	2,5	1,6	1,2	0,2	0,2
Automatic circuit breakers for a voltage ≤ 1 kV and for a current ≤ 63 A, mln.pcs	1,9	1,5	1,2	2,8	3,2
Relays for a voltage > 60 V but ≤ 1 kV, mln.pcs	3,5	3,2	3,2	3,8	4,0
Filament lamps of a power ≤ 200 W and for a voltage > 100 V including reflector lamps (excluding ultraviolet, infrared lamps, tungsten halogen filament lamps and sealed beam lamp units), mln.pcs	…[3]	144	118	109	70,7
Washing machines and machines for drying clothes, everyday, thsd.pcs	225	220	270	356	326

Table 13.5 continued

	2013	2014	2015	2016	2017
Submersible motor, single-stage rotodynamic drainage and sewage pumps, thsd.pcs	67,2	57,0	68,4	68,3	65,2
Submersible motor, multi-stage rotodynamic pumps, thsd.pcs	126	122	115	124	121
Bridge cranes on fixed bearing, pcs	133	101	78	56	60
Transporter cranes, gantry cranes and bridge cranes, pcs	136	112	59	116	107
Bucket type continuous-action elevators and conveyors for goods or materials, pcs	637	622	625	798	1131
Belt type continuous-action elevators and conveyors for goods or materials, pcs	844	633	780	880	1183
Continuous-action elevators or conveyors for goods or materials (excluding pneumatic elevators or conveyors, those designed for use underground, bucket type, belt type, roller conveyors), thsd.pcs	1,8	2,8	1,6	2,1	2,6
Tractors of an engine power > 59 kW, excluding pedestrian-controlled tractors, road tractors for semi-trailers, track-laying tractors, thsd.pcs	2,9	2,7	2,8	3,3	3,3
Scarifiers and cultivators, thsd.pcs	4,4	3,7	3,4	3,8	4,0
Disc harrows, thsd.pcs	2,0	2,0	2,3	2,8	3,3
Harrows (excluding disc harrows), thsd.pcs	7,8	7,9	5,8	8,7	7,3
Seeders, planters and transplanters, thsd.pcs	5,6	4,4	4,2	4,8	5,1
Mowers, including cutter bars, designed to be carried on or hauled by a tractor, thsd.pcs	2,3	2,6	2,5	3,5	3,6
Combine harvester-threshers, pcs	68	…[3]	100	154	70
Machinery for preparing animal feedstuffs, thsd.pcs	102	98,7	63,2	75,6	49,3
Machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, thsd.pcs	1,2	0,9	1,1	1,1	1,0
Concrete mixers and mortar mixers, thsd.pcs	7,0	6,0	4,8	5,9	6,0
Motor vehicles for the transport of ≥ 10 persons, thsd.pcs	2,6	1,0	1,0	0,6	0,9
Other trailers and semi-trailers, n.e.c., thsd.pcs	29,2	34,3	35,4	26,3	26,2
Bicycles and other cycles (including delivery tricycles), nonmotorised, thsd.pcs	106	103	112	128	94,8
Electricity, gas, steam and air-conditioning supply					
Electricity, bln.kW·h	194	183	164	165	156

[1] Here and elsewhere (Tables 13.6–13.12) information is presented according to the *Nomenclature of Industrial Product* (NIP), which is harmonized with the *EU Statistical Classification of Products by Type of Economic Activity* (CPA) and based on the *List of products for the European production statistics* (PRODCOM)

[2] Including light alcoholic beverages

[3] See the second footnote to Table 13.3

13.6. Output of sausages and similar products of meat, offal or blood and food preparations based thereon (excluding liver sausages and prepared meals and dishes), by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**277,5**	**286,1**	**288,3**	**287,2**	**260,1**	**228,8**	**233,0**	**247,0**
Autonomous Republic of Crimea	20,3	20,4	18,2	14,4	…	…	…	…
oblasts								
Vinnytsya	4,8	5,0	5,5	5,9	5,6	5,5	5,8	6,8
Volyn	14,7	15,9	15,7	13,6	13,2	10,6	9,0	8,2
Dnipropetrovsk	43,1	45,2	45,7	50,1	50,8	52,4	55,1	62,9
Donetsk	36,9	43,3	45,1	47,1	34,1	26,7	38,8	37,7
Zhytomyr	8,4	8,2	10,0	10,7	16,0	17,0	17,3	16,4
Zakarpattya	0,3	0,3	0,6	0,6	0,6	0,7	1,0	1,5
Zaporizhzhya	11,3	9,7	9,9	10,9	12,9	12,5	11,9	16,8
Ivano-Frankivsk	2,2	1,7	1,8	1,5	1,2	1,6	1,3	0,7
Kyiv	9,5	8,3	7,4	6,0	6,1	5,6	5,4	5,1
Kirovohrad	18,2	20,3	20,1	19,7	20,4	18,9	16,6	15,5
Luhansk	16,8	17,5	18,2	17,7	8,1	…[1]	…[1]	…[1]
Lviv	5,1	5,1	5,2	6,1	7,0	6,3	6,6	6,5
Mykolayiv	2,3	1,4	1,0	0,9	1,0	1,3	1,2	0,9
Odesa	7,6	7,2	7,2	7,3	6,8	5,5	4,6	4,1
Poltava	32,4	36,4	38,1	38,4	40,8	36,3	33,3	36,2
Rivne	2,9	1,6	1,3	1,1	0,8	0,7	0,6	0,7
Sumy	1,2	1,2	1,2	1,2	1,2	1,2	1,1	1,0
Ternopil	1,1	1,3	1,0	1,0	0,8	0,6	0,6	0,8
Kharkiv	19,8	18,0	17,3	17,8	18,6	15,0	14,2	16,7
Kherson	…[1]	…[1]	…[1]	…[1]	0,1	…[1]	…[1]	…[1]
Khmelnytskiy	5,9	6,3	6,3	6,7	6,9	4,0	3,6	3,7
Cherkasy	2,1	2,0	2,0	1,9	1,7	1,9	1,5	1,3
Chernivtsi	5,9	5,9	5,8	4,1	3,0	2,1	1,5	1,3
Chernihiv	1,6	1,1	1,1	1,2	1,3	1,3	1,3	1,2
cities								
Kyiv	1,4	1,0	0,9	0,5	1,1	1,1	0,6	0,6
Sevastopol	…[1]	…[1]	…[1]	…[1]	…	…	…	…

[1] See the second footnote to Table 13.3

13.7. Output of crude sunflower-seed and sunflower oil and their fractions (excluding chemically modified), by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**2990,4**	**3177,3**	**3803,6**	**3402,9**	**4400,8**	**3715,8**	**4424,0**	**5276,8**
of which								
Autonomous Republic of Crimea	0,2	0,8	0,3	0,6	…	…	…	…
oblasts								
Vinnytsya	108,8	139,4	168,3	244,0	376,6	351,7	451,3	475,6
Volyn	—	…[1]	…[1]	…[1]	…[1]	…[1]	—	…[1]
Dnipropetrovsk	210,0	207,4	237,5	201,8	296,4	288,1	301,9	272,4
Donetsk	387,7	351,5	388,4	364,2	322,1	154,0	120,6	142,3
Zhytomyr	0,0	0,2	0,3	0,1	…[1]	0,1	0,1	1,0
Zaporizhzhya	427,6	574,4	600,1	444,7	622,8	590,9	608,4	586,4
Ivano-Frankivsk	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	—
Kyiv	125,8	102,4	119,5	109,9	119,0	115,1	108,9	103,2
Kirovohrad	353,7	382,7	519,5	669,5	765,7	446,6	596,5	825,9
Luhansk	64,4	63,1	59,4	72,9	97,9	91,5	85,5	99,1
Lviv	—	—	…[1]	…[1]	…[1]	—	…[1]	…[1]
Mykolayiv	84,9	185,8	327,7	250,3	297,7	255,4	466,7	724,9
Odesa	375,8	382,0	482,5	335,2	515,4	529,2	754,5	1014,5
Poltava	187,9	208,5	215,4	177,0	232,6	226,4	230,3	268,0
Rivne	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Sumy	3,3	2,2	2,0	0,3	8,7	9,3	11,3	14,7
Ternopil	0,2	…[1]	…[1]	3,6	5,4	4,0	7,5	7,5
Kharkiv	347,1	277,0	333,9	244,0	355,7	293,0	300,4	349,8
Kherson	181,2	163,9	202,7	149,1	208,3	201,5	205,2	201,7
Khmelnytskiy	0,1	0,2	0,2	0,2	0,2	0,1	0,1	3,6
Cherkasy	73,8	77,9	78,7	78,4	85,3	75,1	70,7	75,1
Chernivtsi	51,1	50,6	59,3	46,2	66,1	62,9	54,5	64,5
Chernihiv	6,6	6,9	7,3	6,2	15,9	20,1	24,4	13,6
city								
Sevastopol	…[1]	—	—	—	…	…	…	…

[1] See the second footnote to Table 13.3

13.8. Output of milk and cream of a fat content more than 1% but less than 6%, not concentrated nor containing added sugar or other sweetening matter, in immediate packings of a net content no more than 2 L, by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**521,0**	**534,5**	**506,4**	**542,7**	**512,3**	**472,3**	**462,8**	**478,2**
of which								
Autonomous Republic of Crimea	10,6	8,0	7,7	7,2	…	…	…	…
oblasts								
Vinnytsya	74,9	84,4	89,6	99,7	…[1]	…[1]	91,6	…[1]
Volyn	…[1]	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Dnipropetrovsk	54,8	55,7	53,4	43,9	43,4	41,4	46,3	49,8
Donetsk	46,9	41,9	40,4	39,5	37,9	5,7	4,4	4,0
Zhytomyr	…[1]	…[1]	4,9	5,5	5,9	15,4	7,5	31,2
Zakarpattya	…[1]	…[1]	…[1]	—	—	—	—	—
Zaporizhzhya	13,2	11,8	12,2	10,5	10,8	10,2	9,8	9,4
Ivano-Frankivsk	4,4	4,6	4,2	4,1	4,7	4,6	5,4	4,2
Kyiv	95,3	100,7	82,8	85,5	97,5	112,4	109,4	114,8
Kirovohrad	…[1]	…[1]	…[1]	0,2	…[1]	…[1]	…[1]	1,2
Luhansk	8,8	11,4	11,4	17,0	8,3	2,2	2,9	1,9
Lviv	19,7	30,3	32,4	32,8	23,9	13,2	8,8	16,8
Mykolayiv	9,2	10,1	12,5	17,3	16,0	10,9	10,3	8,8
Odesa	15,5	11,9	5,6	4,1	3,9	4,5	5,2	5,0
Poltava	36,3	36,3	41,3	41,4	39,6	45,4	42,1	38,4
Rivne	4,4	3,9	3,8	4,4	5,4	6,0	6,4	7,2
Sumy	16,5	14,8	7,2	…[1]	…[1]	…[1]	…[1]	…[1]
Ternopil	13,5	17,5	18,6	25,2	27,0	28,6	28,4	26,3
Kharkiv	34,6	43,5	31,7	30,1	26,4	30,5	29,7	26,4
Kherson	8,4	4,9	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Khmelnytskiy	5,5	7,2	6,6	7,6	8,7	10,2	10,5	12,6
Cherkasy	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Chernivtsi	—	…[1]	…[1]	…[1]	0,2	0,3	0,6	0,5
Chernihiv	7,6	5,7	7,3	11,2	10,9	7,5	9,4	8,2
city								
Kyiv	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]

[1] See the second footnote to Table 13.3

13.9. Output of grated, powdered, blue-veined and other non-processed cheese (excluding fresh cheese, whey cheese and curd), by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**185,8**	**160,8**	**146,6**	**141,3**	**105,0**	**96,6**	**86,5**	**94,3**
of which								
Autonomous Republic of Crimea	0,9	0,3	0,3	0,1	…	…	…	…
oblasts								
Vinnytsya	8,1	6,7	6,2	8,2	9,3	10,1	8,1	9,4
Volyn	…[1]	…[1]	…[1]	—	0,0	—	0,0	…[1]
Dnipropetrovsk	0,7	1,1	1,6	2,4	1,4	1,1	1,0	1,3
Donetsk	0,9	0,9	1,1	1,3	1,2	0,8	0,7	0,7
Zhytomyr	3,9	3,2	3,4	3,1	5,4	5,7	4,3	5,1
Zakarpattya	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Zaporizhzhya	6,5	1,4	1,8	0,7	0,5	0,4	0,3	0,2
Ivano-Frankivsk	4,2	1,6	0,2	0,1	0,1	0,1	0,1	0,1
Kyiv	1,2	1,6	1,8	2,0	2,1	2,2	2,2	2,8
Kirovohrad	1,3	0,5	0,3	0,3	0,1	0,1	0,3	0,7
Luhansk	1,5	0,5	0,4	0,2	0,3	…[1]	…[1]	…[1]
Lviv	0,6	…[1]	0,5	0,3	0,3	…[1]	…[1]	…[1]
Mykolayiv	8,8	9,0	10,8	9,2	6,2	3,9	4,4	6,2
Odesa	2,0	1,4	1,1	0,9	0,7	0,6	0,9	1,2
Poltava	40,4	38,9	32,0	23,2	11,5	8,5	5,1	3,9
Rivne	14,7	15,5	13,2	16,2	13,2	16,0	17,1	17,2
Sumy	17,0	19,8	16,8	17,9	17,3	13,7	11,3	13,1
Ternopil	6,0	5,0	4,6	4,3	4,3	3,8	3,1	2,6
Kharkiv	5,6	2,9	0,7	4,8	1,7	0,9	0,7	0,4
Kherson	10,6	6,8	7,1	5,5	3,8	2,8	2,1	2,2
Khmelnytskiy	11,7	6,4	7,1	5,7	3,4	2,7	2,8	4,0
Cherkasy	20,9	18,4	20,7	21,2	15,2	14,9	15,6	15,4
Chernivtsi	…[1]	…[1]	0,1	0,0	…[1]	…[1]	…[1]	…[1]
Chernihiv	15,9	16,9	13,7	13,5	7,0	7,6	5,7	7,1
city								
Kyiv	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]

[1] See the second footnote to Table 13.3

13.10. Output of curdled milk, cream, yogurt and other fermented products, by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**368,4**	**359,2**	**363,7**	**378,3**	**337,4**	**297,2**	**293,2**	**272,4**
of which								
Autonomous Republic of Crimea	7,2	5,5	5,0	4,8	…	…	…	…
oblasts								
Vinnytsya	0,4	0,3	0,3	…[1]	…[1]	…[1]	8,7	8,5
Volyn	…[1]	…[1]	0,8	…[1]	…[1]	…[1]	…[1]	…[1]
Dnipropetrovsk	44,5	36,8	35,8	35,0	32,2	31,9	31,1	25,8
Donetsk	43,1	43,6	40,9	38,8	33,6	2,7	2,0	1,8
Zhytomyr	8,0	7,5	3,9	4,9	4,9	4,4	4,2	4,1
Zakarpattya	0,3	…[1]	…[1]	…[1]	…[1]	…[1]	—	—
Zaporizhzhya	13,1	8,3	6,5	5,6	5,3	5,7	5,6	4,4
Ivano-Frankivsk	3,0	2,9	3,0	3,2	3,3	2,8	2,8	2,7
Kyiv	57,0	63,7	67,8	74,6	74,7	79,5	75,5	74,1
Kirovohrad	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	2,0
Luhansk	6,1	6,4	7,1	7,5	4,4	0,5	0,5	0,4
Lviv	40,2	38,3	34,6	34,6	25,2	14,5	16,0	17,6
Mykolayiv	17,0	20,0	22,5	21,0	20,0	19,2	21,5	22,6
Odesa	3,6	3,8	3,8	3,4	3,1	3,4	3,8	3,7
Poltava	32,8	29,7	31,2	32,1	33,8	33,9	31,0	27,6
Rivne	2,7	3,1	3,2	3,8	3,7	3,6	3,9	4,9
Sumy	4,6	5,1	4,5	…[1]	…[1]	…[1]	…[1]	…[1]
Ternopil	8,2	12,5	14,9	16,1	17,6	20,2	19,8	17,2
Kharkiv	24,7	28,1	28,3	30,4	26,1	28,7	27,9	25,1
Kherson	15,7	11,3	13,0	16,7	…[1]	…[1]	10,0	5,6
Khmelnytskiy	2,4	1,5	1,6	1,9	2,5	3,4	3,1	4,1
Cherkasy	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Chernivtsi	—	…[1]	…[1]	…[1]	0,2	0,3	0,6	0,2
Chernihiv	4,9	3,7	4,5	5,5	5,3	4,9	4,6	3,2
city								
Kyiv	22,2	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]

[1] See the second footnote to Table 13.3

13.11. Output of granulated white beet sugar, by region

(thsd.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**1546,2**	**2326,9**	**2143,4**	**1261,6**	**2053,2**	**1459,3**	**1997,0**	**2042,6**
of which								
oblasts								
Vinnytsya	296,0	439,2	338,3	299,1	430,3	314,9	430,4	428,0
Volyn	91,4	95,0	93,2	…[1]	…[1]	…[1]	…[1]	138,4
Zhytomyr	…[1]	47,7	…[1]	…[1]	…[1]	…[1]	81,2	…[1]
Ivano-Frankivsk	…[1]	…[1]	…[1]	—	—	—	—	—
Kyiv	162,5	232,2	201,5	93,6	197,9	154,5	203,1	167,2
Kirovohrad	…[1]	91,3	69,6	31,3	65,5	…[1]	69,8	…[1]
Lviv	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Mykolayiv	…[1]	—	—	…[1]	…[1]	…[1]	…[1]	…[1]
Odesa	—	—	…[1]	—	—	—	—	—
Poltava	239,9	411,7	406,6	207,5	257,7	209,6	297,8	230,8
Rivne	…[1]	…[1]	…[1]	—	—	—	—	—
Sumy	…[1]	…[1]	…[1]	—	—	—	—	…[1]
Ternopil	147,7	208,0	208,9	132,3	271,7	…[1]	190,2	276,8
Kharkiv	62,1	130,8	108,1	37,8	119,5	78,5	159,9	118,6
Khmelnytskiy	164,3	217,3	233,2	122,0	281,8	167,5	228,5	270,9
Cherkasy	89,3	148,5	139,9	…[1]	88,7	…[1]	…[1]	…[1]
Chernivtsi	…[1]	…[1]	—	—	—	—	—	—
Chernihiv	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]

[1] See the second footnote to Table 13.3

13.12. Output of town footwear with rubber or plastic uppers, by region

(thsd. pairs)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**3901**	**5233**	**3352**	**3712**	**5001**	**5083**	**4331**	**5715**
of which								
oblasts								
Vinnytsya	—	…[1]	…[1]	—	—	—	—	—
Dnipropetrovsk	—	—	—	—	—	…[1]	…[1]	…[1]
Zhytomyr	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Zakarpattya	—	…[1]	…[1]	—	—	—	—	—
Kyiv	—	—	—	…[1]	…[1]	…[1]	…[1]	…[1]
Lviv	224	393	279	263	234	358	388	334
Odesa	…[1]	…[1]	…[1]	…[1]	…[1]	1682	815	1754
Rivne	—	—	—	…[1]	—	—	—	—
Kharkiv	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Khmelnytskiy	1527	726	485	688	777	729	824	1511
Chernivtsi	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
city								
Kyiv	…[1]	…[1]	—	—	—	—	—	…[1]

[1] See the second footnote to Table 13.3

14. AGRICULTURE, HUNTING, FORESTRY, FISHING

AGRICULTURE

14.1. Agricultural production indices

(percent of the previous year)

	2010	2012	2013	2014	2015	2016	2017
Agricultural production							
Enterprises of all categories	98,5	95,5	113,3	102,2	95,2	106,3	97,8
including							
agricultural enterprises	97,7	93,4	120,8	104,0	94,9	110,0	96,8
agricultural holdings of households	99,1	97,8	105,5	99,9	95,7	101,8	99,2
Crop output							
Enterprises of all categories	95,9	91,9	117,9	103,2	94,8	109,9	97,0
including							
agricultural enterprises	93,7	89,1	125,6	104,2	94,4	113,9	95,8
agricultural holdings of households	98,5	95,5	108,4	101,9	95,4	104,1	98,9
Animal production							
Enterprises of all categories	103,4	103,9	104,0	99,7	96,3	98,0	100,1
including							
agricultural enterprises	109,1	107,0	108,1	103,5	96,4	98,1	100,7
agricultural holdings of households	100,1	101,7	101,0	96,6	96,3	97,8	99,7

14.2. Agricultural production indices, by region

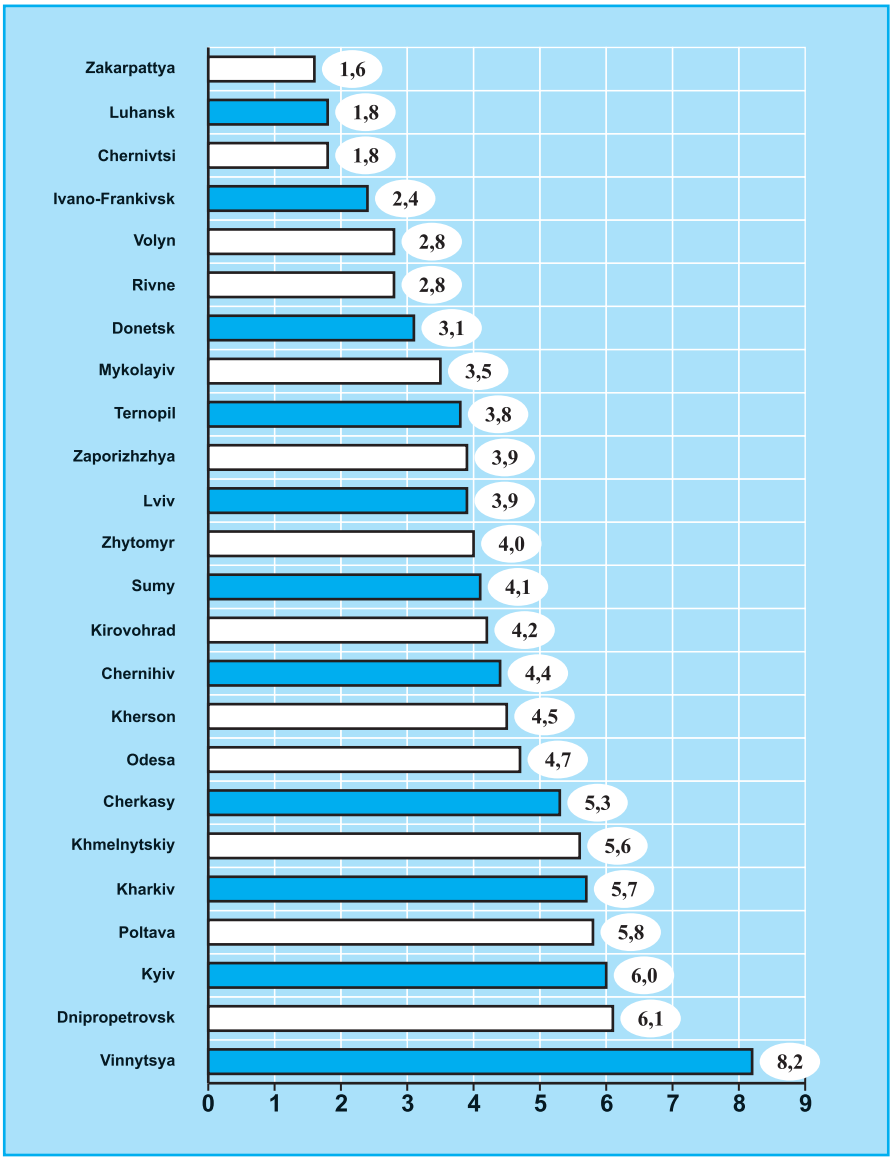
(percent of the previous year)

	2010	2012	2013	2014	2015	2016	2017
Ukraine	**98,5**	**95,5**	**113,3**	**102,2**	**95,2**	**106,3**	**97,8**
Autonomous Republic of Crimea[1]	96,1	80,0	101,2	…	…	…	…
oblasts							
Vinnytsya	100,0	96,2	123,3	111,0	91,8	117,0	95,8
Volyn	101,9	107,0	102,6	106,3	95,4	101,9	104,8
Dnipropetrovsk	101,3	79,7	131,1	94,1	106,3	100,3	100,5
Donetsk	102,0	94,8	105,8	93,0	64,9	108,3	102,2
Zhytomyr	100,1	110,0	105,8	105,1	91,2	116,7	105,8
Zakarpattya	97,1	104,0	102,5	99,9	95,1	96,8	101,4
Zaporizhzhya	102,1	81,1	134,4	96,6	109,3	98,7	96,7
Ivano-Frankivsk	100,8	106,3	102,0	106,3	95,5	101,7	104,0
Kyiv	99,4	108,5	101,3	105,8	89,2	109,8	95,7
Kirovohrad	101,9	85,0	127,9	98,2	97,7	109,4	86,1
Luhansk	91,0	101,3	103,5	79,8	77,8	119,3	94,0
Lviv	95,7	104,2	100,7	105,5	97,1	102,6	106,1
Mykolayiv	101,3	82,8	135,4	93,3	102,1	108,5	90,9
Odesa	109,7	80,3	141,1	97,4	96,2	111,6	99,4
Poltava	89,5	89,8	119,6	96,9	107,3	103,3	83,2
Rivne	102,3	103,3	106,0	105,2	92,8	104,9	105,0
Sumy	89,9	104,7	114,4	109,7	95,4	103,5	100,0
Ternopil	94,9	109,0	101,3	113,9	88,8	104,6	111,1
Kharkiv	88,6	91,9	120,0	103,1	97,2	106,6	90,1
Kherson	102,9	83,6	117,7	105,1	105,0	103,7	99,6
Khmelnytskiy	99,6	115,3	103,2	115,4	87,3	108,2	112,0
Cherkasy	104,3	96,8	106,5	98,4	99,4	102,5	88,5
Chernivtsi	103,0	101,0	103,5	104,2	91,1	100,0	105,3
Chernihiv	86,6	108,2	102,8	107,5	98,1	104,5	105,3
city							
Sevastopol	…	88,4	104,9	…	…	…	…

[1] In 2010 including Sevastopol city

14.3. Share of regions in the total volume of agricultural products in 2017

(percent of the total area)



14.4. Structure of agricultural production

(percent)

	2010	2012	2013	2014	2015	2016	2017
Agricultural production	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Crop output	**63,9**	**66,8**	**69,6**	**70,7**	**70,3**	**72,7**	**72,0**
Grain and leguminous crops	21,4	22,1	26,5	26,9	26,5	27,3	26,2
Industrial crops	16,9	18,2	19,4	20,1	21,0	22,7	22,5
Potatoes, vegetable and cucurbits crops	19,5	20,8	18,1	18,5	18,1	17,6	18,0
Fruit and berry crops, grapes	3,6	3,4	3,6	3,1	3,4	2,9	3,1
Fodder crops	2,1	1,9	1,7	1,7	1,6	1,5	1,4
Other products and change in incomplete production	0,4	0,4	0,3	0,4	–0,3	0,7	0,8
Animal production	**36,1**	**33,2**	**30,4**	**29,3**	**29,7**	**27,3**	**28,0**
Raising farm livestock	16,0	15,0	14,1	13,4	14,1	13,3	13,5
Milk	14,6	12,9	11,5	11,2	11,2	10,3	10,5
Eggs	4,1	4,0	3,6	3,6	3,3	2,8	2,9
Wool	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Other products	1,4	1,3	1,2	1,1	1,1	0,9	1,1

14.5. Share of the population holdings in agricultural production

(percent)

	2010	2012	2013	2014	2015	2016	2017
Agricultural production	**51,7**	**49,3**	**46,0**	**44,7**	**44,9**	**43,0**	**43,6**
Crop output	**46,4**	**45,0**	**41,4**	**40,6**	**40,9**	**38,7**	**39,5**
Grain and leguminous crops	24,2	21,9	21,2	21,9	22,7	21,3	22,6
Factory sugar beets	7,9	8,7	15,6	7,2	7,5	4,7	4,4
Sunflowers	17,5	15,0	14,5	14,3	14,6	13,9	13,4
Potatoes	97,4	96,7	97,0	96,8	97,8	97,8	98,1
Vegetable crops	88,1	85,7	88,3	86,1	86,1	85,9	85,5
Fruit and berry crops	83,6	81,6	80,7	83,4	80,9	81,5	83,7
Grapes	36,3	35,8	33,2	44,7	46,6	41,5	41,4
Animal production	**61,2**	**58,2**	**56,5**	**54,5**	**54,5**	**54,4**	**54,2**
Meat (slaughter weight)	44,9	42,5	39,7	38,5	37,0	35,9	36,0
Milk	80,3	77,7	77,5	76,2	74,9	73,9	73,1
Eggs	39,9	37,3	37,6	36,0	41,8	46,6	46,1
Wool	83,1	85,1	86,6	85,4	86,2	87,2	87,0

14.6. Per capita agricultural products production

(kg)

	2010	2012	2013	2014	2015	2016	2017
Grain and leguminous crops	856	1014	1386	1485	1403	1549	1457
Factory sugar beets	300	404	237	366	241	328	350
Sunflowers	148	184	243	236	261	319	288
Potatoes	408	510	489	551	486	510	523
Vegetable crops	177	220	217	224	215	221	219
Fruit and berry crops	38	44	50	46	50	47	48
Grapes	9	10	13	10	9	9	10
Meat (slaughter weight)	45	49	53	55	54	55	55
Milk	245	250	253	259	248	243	242
Eggs, pcs	372	419	431	456	392	354	365

14.7. Distribution of agricultural enterprises in 2017, by size of agricultural land

(as of November 1)

	Number of enterprises		Area of agricultural land	
	total, units	percentage of the total	thsd.ha	percentage of the total area of agricultural land
Enterprises that have agricultural land	40735	89,4	19960,2	100,0
size, ha				
under 5,0	3138	6,9	10,1	0,1
5,1–10,0	2594	5,7	20,3	0,1
10,1–20,0	3937	8,6	61,0	0,3
20,1–50,0	11263	24,7	424,9	2,1
50,1–100,0	4903	10,8	354,3	1,8
100,1–500,0	7372	16,2	1797,1	9,0
500,1–1000,0	2651	5,8	1891,4	9,5
1000,1–2000,0	2481	5,4	3570,9	17,8
2000,1–3000,0	1084	2,4	2649,2	13,3
3000,1–4000,0	471	1,0	1635,4	8,2
4000,1–5000,0	276	0,6	1236,1	6,2
5000,1–7000,0	261	0,6	1526,3	7,6
7000,1–10000,0	138	0,3	1140,1	5,7
more than 10000,0	166	0,4	3643,1	18,3
Enterprises that do not have agricultural land	4823	10,6	×	×

14.8. Availability of major types of machinery in agricultural enterprises

(end of year; pcs)

	2010	2012	2013	2014	2015	2016	2017
Tractors	151287	150740	146004	130811	127852	132686	129272
Lorries, trucks, estate cars	104307	104367	99298	87307	83567	85417	81158
Trailers, semitrailers	86748	82295	78094	69032	66570	67928	65239
Ploughs	49758	51981	51349	47933	47336	49306	49072
Cultivators	72998	76709	75695	69452	69474	71659	70100
Harrows	238160	227505	218290	200017	193950	192029	181386
Mowing-machines	11188	11522	11571	10920	10733	11283	10929
Windrowers	15225	14721	14545	13485	13595	14477	15389
Combine							
grain harvesting	32750	31997	30061	27196	26735	27366	26801
corn harvesting	2548	2131	2009	1784	1634	1534	1523
fodder harvesting	7841	6731	6098	5274	4982	4861	4559
flax harvesting	458	298	259	209	187	190	144
potatoes harvesting	1694	1632	1483	1276	1215	1239	1090
Milking and equipment	10865	11216	11195	10476	10232	10305	9533
Machinery for fodder's cooking	3073	3658	3793	3574	3745	4117	4048

14.9. Average prices for sale of agricultural products by agricultural enterprises[1]

(UAH for t)

	2010	2012	2013	2014	2015	2016	2017
Grain and leguminous crops	1120,9	1547,1	1299,8	1801,4	2912,1	3414,0	3771,6
Oil crops	2942,6	3584,0	3087,5	4062,8	7531,5	8656,1	9132,0
Factory sugar beets	478,5	426,8	397,8	494,2	788,6	848,6	825,3
Potatoes	2131,0	1139,6	1860,9	2173,6	2436,3	2631,8	3296,3
Vegetable crops	2551,6	1956,6	2354,0	2514,3	3903,4	3924,2	4136,1
Fruit and berry crops	2419,8	2707,1	3010,8	2429,1	5894,5	5863,8	8766,6
Livestock animals (live weight)	10797,1	13456,9	12901,3	15736,9	21966,2	22468,0	31838,4
Milk	2938,7	2662,2	3364,0	3588,4	4347,3	5461,8	7234,0
Eggs, for thsd.pcs	470,6	627,0	656,7	782,4	1333,2	1108,7	1145,9
Wool	4165,3	8513,2	6949,3	7557,3	14216,7	24420,4	19833,9

[1] Excluding VAT, transport costs, forwarding charges and overhead costs; for 2010 including subsidies

14.10. Average prices for selling agricultural products by agricultural enterprises by month 2017[1]

(UAH for t)

	Grain and leguminous crops	Oil crops	Potatoes	Vegetable crops	Fruit and berry crops	Livestock animals (live weight)	Milk	Eggs, for thsd.pcs
January	3768,3	8920,8	3308,5	4701,2	7049,9	23973,9	7669,1	1284,1
February	3770,4	9302,9	3497,7	6886,7	6921,5	26149,4	7633,0	1176,5
March	3921,7	9393,6	3261,8	9607,2	6761,0	25816,7	7290,5	927,3
April	3991,6	9302,2	3694,1	16132,8	6995,9	29035,3	6702,3	691,6
May	3836,0	9194,4	3694,6	15111,0	11665,4	28733,2	6447,9	824,4
June	3752,1	9075,5	6294,3	11459,7	19240,3	32442,6	6446,9	890,7
July	3678,1	9607,1	3973,2	9707,7	19975,6	36255,7	6602,8	751,9
August	3710,8	9783,3	3704,4	2133,7	14775,9	33983,2	6900,5	1040,1
September	3668,2	8468,6	3061,5	1988,4	6987,4	36725,2	7298,5	1251,8
October	3738,7	8674,1	2872,1	4342,3	4405,8	32522,0	7999,9	1571,2
November	3576,6	9144,9	2623,7	6031,3	7211,7	34450,7	8115,4	1720,6
December	3785,3	9473,2	3089,9	5182,9	8571,6	36722,7	8178,2	1723,9

[1] See the footnote to Table 14.9

CROP GROWING

14.11. Sown area for agricultural crops

(thsd.ha)

	2010	2012	2013	2014	2015	2016	2017
Agriculture crops	**26952**	**27801**	**28329**	**27239**	**26902**	**27026**	**27585**
Grain and leguminous crops	**15090**	**15449**	**16210**	**14801**	**14739**	**14401**	**14624**
of which							
wheat	6451	5772	6684	6061	6867	6218	6386
rye	286	302	282	185	150	144	171
barley	4505	3425	3359	3041	2826	2867	2507
oats	326	310	252	247	213	209	198
grain maize	2709	4625	4893	4691	4123	4286	4520
millet	95	191	98	103	112	109	58
buckwheat	225	300	189	140	133	154	189
rice	29	26	24	10	12	12	13
legumes crops	429	318	280	227	250	324	506
Industrial crops	**7296**	**7854**	**7869**	**8437**	**8350**	**8852**	**9259**
of which							
factory sugar beets	501	458	280	331	237	292	316
sunflowers	4572	5194	5051	5257	5105	6073	6034
rape and colza	907	566	1017	882	682	455	789
soya	1076	1476	1370	1806	2158	1869	2000
flax	1	2	2	2	2	2	2
Potatoes, vegetable and cucurbits crops	**1967**	**2023**	**1961**	**1900**	**1823**	**1841**	**1844**
of which							
potatoes	1408	1440	1388	1348	1291	1312	1323
vegetable crops in open ground (excluding seeds)	462	494	483	463	440	442	439
Fodder crops	**2599**	**2475**	**2289**	**2101**	**1990**	**1932**	**1858**
of which							
fodder roots (of which fodder sugar beets)	244	230	224	216	213	211	208
fodder corn	473	497	393	346	309	284	286
annual grass	583	499	469	408	393	374	353
perennial grass	1238	1195	1152	1119	1027	995	955

14.12. Harvested area

(thsd.ha)

	2010	2012	2013	2014	2015	2016	2017
Grain and leguminous crops	14576	14792	15804	14627	14641	14337	14560
of which							
wheat	6284	5630	6566	6011	6839	6206	6377
rye	279	297	277	183	149	144	171
barley	4317	3293	3233	3003	2806	2859	2502
oats	311	301	241	244	211	209	198
corn grain	2648	4372	4827	4627	4084	4252	4481
millet	85	153	78	99	113	108	56
buckwheat	199	273	168	137	128	154	185
rice	29	26	24	10	12	12	13
legumes crops	391	303	256	225	247	321	504
Factory sugar beets	492	449	270	330	237	291	314
Sunflowers	4526	5082	5090	5212	5166	6087	6061
Rape and colza	863	547	996	865	671	449	786
Soya	1037	1412	1351	1793	2136	1859	1982
Flax (fiber)	1	2	1	1	1	2	1
Potatoes	1412	1444	1394	1343	1291	1312	1323
Vegetable crops	468	503	494	464	447	447	446
Annual hay grass	298	291	283	263	267	262	253
Perennial hay grass	903	902	895	858	819	805	774

14.13. Area planted with fruit and berries, and grapes

(thsd.ha)

	2010	2012	2013	2014	2015	2016	2017
Fruit and berry plantations	255	255	253	239	235	224	226
of which fruit-bearing	223	223	222	210	206	197	199
Vineyards	87	78	75	49	45	45	44
of which fruit-bearing	68	68	67	44	42	43	41

14.14. Output of agricultural crops

(thsd.t)

	2010	2012	2013	2014	2015	2016	2017
Grain and leguminous crops	39271	46216	63051	63859	60126	66088	61917
of which							
wheat	16851	15763	22279	24114	26532	26099	26209
rye	463	675	633	473	387	392	508
barley	8485	6936	7562	9046	8288	9436	8285
oats	459	630	467	613	489	500	471
corn grain	11953	20961	30950	28497	23328	28075	24669
millet	117	157	102	178	213	190	84
buckwheat	134	239	179	167	128	176	180
rice	148	160	145	51	63	65	64
legumes crops	592	473	372	481	502	877	1239
Factory sugar beets	13749	18439	10789	15734	10331	14011	14882
Sunflowers	6772	8387	11051	10134	11181	13627	12236
Rape and colza	1470	1204	2352	2198	1738	1154	2195
Soya	1680	2410	2774	3882	3931	4277	3899
Flax (fibre)	0	2	1	1	1	1	1
Potatoes	18705	23250	22259	23693	20839	21750	22208
Vegetable crops	8122	10017	9873	9638	9214	9415	9286
Annual hay grass	953	917	953	1004	977	1017	992
Perennial hay grass	3238	3294	3424	3926	3124	3362	3164
Fruit and berry crops	1747	2009	2295	1999	2153	2007	2048
Grapes	408	456	575	436	386	378	410

14.15. Output of agricultural crops, by category of enterprises

(thsd.t)

	2010	2012	2013	2014	2015	2016	2017
Agricultural enterprises							
Grain and leguminous crops	29779	36075	49659	49902	46507	52022	47905
Factory sugar beets	12663	16838	9101	14599	9554	13349	14227
Sunflowers	5586	7131	9446	8682	9549	11730	10597
Potatoes	483	757	660	759	456	468	429
Vegetable crops	964	1434	1159	1341	1282	1323	1344
Fruit and berry crops	287	369	444	332	412	370	334
Grapes	260	293	384	241	206	221	240
Agricultural holdings of households							
Grain and leguminous crops	9492	10141	13392	13957	13619	14066	14012
Factory sugar beets	1086	1601	1688	1135	777	662	655
Sunflowers	1186	1256	1605	1452	1632	1897	1639
Potatoes	18222	22493	21599	22934	20383	21282	21779
Vegetable crops	7158	8583	8714	8297	7932	8092	7942
Fruit and berry crops	1460	1640	1851	1667	1741	1637	1714
Grapes	148	163	191	195	180	157	170

14.16. Output of agricultural crops in 2017, by region

(thsd.t)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops
Ukraine	**61917**	**14882**	**12236**	**22208**	**9286**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	4889	2834	726	1885	483
Volyn	1165	621	39	1139	303
Dnipropetrovsk	3578	55	1203	568	703
Donetsk	1908	…[1]	555	447	233
Zhytomyr	1994	730	248	1648	327
Zakarpattya	390	—	7	531	271
Zaporizhzhya	2907	—	866	226	352
Ivano-Frankivsk	754	73	77	1000	174
Kyiv	2647	1049	397	1701	581
Kirovohrad	2858	586	1092	560	243
Luhansk	1276	0	566	299	187
Lviv	1417	809	74	1694	511
Mykolayiv	2675	96	876	183	555
Odesa	4265	—	904	393	288
Poltava	4242	1446	731	997	402
Rivne	1209	643	67	1311	268
Sumy	3686	252	516	1107	184
Ternopil	2622	1737	234	991	274
Kharkiv	3859	850	1103	1078	688
Kherson	2545	…[1]	499	271	1269
Khmelnytskiy	3421	1983	439	1385	269
Cherkasy	2927	674	505	732	313
Chernivtsi	604	…[1]	44	615	234
Chernihiv	4079	269	468	1447	174
city					
Sevastopol	…	…	…	…	…

[1] Data are not published in order to ensure compliance with the requirements of Law of Ukraine *On the State Statistics* regarding confidentiality of statistical information

14.17. Yield of agricultural crops

(1 ha; centner)

	2010	2012	2013	2014	2015	2016	2017
Grain and leguminous crops	26,9	31,2	39,9	43,7	41,1	46,1	42,5
of which							
wheat	26,8	28,0	33,9	40,1	38,8	42,1	41,1
rye	16,6	22,7	22,8	25,8	25,9	27,3	29,6
barley	19,7	21,1	23,4	30,1	29,5	33,0	33,1
oats	14,8	20,9	19,4	25,1	23,2	24,0	23,9
corn grain	45,1	47,9	64,1	61,6	57,1	66,0	55,1
millet	13,7	10,3	13,1	18,0	18,9	17,6	15,0
buckwheat	6,7	8,7	10,6	12,2	10,0	11,5	9,7
rice	50,5	62,1	60,0	50,0	53,4	53,9	50,5
legumes crops	15,1	15,6	14,5	21,4	20,4	27,3	24,6
Factory sugar beets	279	411	399	477	436	482	475
Sunflowers	15,0	16,5	21,7	19,4	21,6	22,4	20,2
Rape and colza	17,0	22,0	23,6	25,4	25,9	25,7	27,9
Soya	16,2	17,1	20,5	21,6	18,4	23,0	19,7
Flax (fibre)	4,0	8,6	7,3	6,3	8,9	9,0	9,5
Potatoes	132	161	160	176	161	166	168
Vegetable crops	174	199	200	208	206	211	208
Annual hay grass	32,0	31,6	33,7	38,2	36,6	38,8	39,2
Perennial hay grass	35,8	36,5	38,3	45,7	38,1	41,7	40,9
Fruit and berry crops	78,2	89,9	103,5	95,2	104,5	101,9	103,1
Grapes	60,3	67,2	85,8	98,6	92,3	88,4	99,3

14.18. Yield of agricultural crops in 2017, by region

(1 ha; centner)

	Grain and leguminous crops	Factory sugar beets	Sunflowers	Potatoes	Vegetable crops
Ukraine	**42,5**	**475**	**20,2**	**168**	**208**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	57,3	492	29,2	174	222
Volyn	40,1	442	24,7	157	221
Dnipropetrovsk	31,9	497	19,2	107	197
Donetsk	34,7	…[1]	16,6	126	161
Zhytomyr	47,3	541	23,1	206	247
Zakarpattya	44,4	—	21,7	159	205
Zaporizhzhya	30,6	—	15,2	100	209
Ivano-Frankivsk	51,9	731	24,4	169	171
Kyiv	45,6	489	24,1	180	203
Kirovohrad	35,2	387	19,7	128	132
Luhansk	32,9	400	15,7	190	219
Lviv	47,9	515	21,0	179	200
Mykolayiv	30,6	423	16,4	97	290
Odesa	35,9	—	19,9	112	130
Poltava	45,1	408	23,5	185	166
Rivne	45,7	449	27,3	184	212
Sumy	60,1	402	25,6	186	165
Ternopil	57,5	580	28,5	176	241
Kharkiv	39,1	358	22,7	175	222
Kherson	34,5	…[1]	14,0	110	304
Khmelnytskiy	62,2	554	30,0	209	240
Cherkasy	46,3	403	24,8	148	160
Chernivtsi	48,6	…[1]	25,3	177	187
Chernihiv	58,8	431	24,2	186	174
city					
Sevastopol	…	…	…	…	…

[1] See the footnote to Table 14.16

CATTLE RAISING

14.19. Number of livestock animals

(end of year; thsd. heads)

	2010	2012	2013	2014	2015	2016	2017
All categories							
Cattle	4494	4646	4534	3884	3750	3682	3531
including cows	2631	2554	2509	2263	2167	2109	2018
Pigs	7960	7577	7922	7351	7079	6669	6110
Sheep and goats	1732	1738	1735	1371	1325	1315	1309
Poultry, mln. heads	203,8	214,1	230,3	213,3	204,0	201,7	204,8
Agricultural enterprises							
Cattle	1526	1507	1438	1310	1270	1214	1167
including cows	589	575	565	529	505	485	467
Pigs	3625	3557	3879	3733	3704	3566	3304
Sheep and goats	299	265	248	205	187	187	187
Poultry, mln. heads	110,5	117,9	132,1	122,1	112,0	109,8	112,5
Agricultural holdings of households							
Cattle	2968	3139	3096	2574	2480	2468	2364
including cows	2042	1979	1944	1734	1662	1624	1551
Pigs	4335	4020	4043	3618	3375	3103	2806
Sheep and goats	1433	1473	1487	1166	1138	1128	1122
Poultry, mln. heads	93,3	96,2	98,2	91,2	92,0	91,9	92,3

14.20. Productivity of livestock animals at agricultural enterprises

(kg)

	2010	2012	2013	2014	2015	2016	2017
Average live weight of a livestock animals per head sold for processing enterprises							
cattle	409	436	436	427	439	435	443
pigs	108	108	109	110	112	111	109
Average annual milk yield per cow	3975	4676	4827	5027	5352	5643	6025
Average annual wool yield per sheep	2,3	1,9	1,8	1,6	1,7	1,6	1,6

14.21. Number of livestock animals in 2017, by region

(end of year; thsd. heads)

	Cattle		Pigs	Sheep and goats	Poultry
	total	of which cow			
Ukraine	**3531**	**2018**	**6110**	**1309**	**204831**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	284	149	270	35	29670
Volyn	138	92	315	17	7844
Dnipropetrovsk	126	72	371	58	18549
Donetsk	62	34	463	41	3893
Zhytomyr	183	109	118	24	7398
Zakarpattya	121	86	230	141	3047
Zaporizhzhya	100	55	220	61	5168
Ivano-Frankivsk	142	90	300	29	4225
Kyiv	122	62	496	30	29509
Kirovohrad	96	53	226	39	4835
Luhansk	49	25	45	26	881
Lviv	184	113	373	32	8533
Mykolayiv	145	75	91	66	2724
Odesa	166	94	240	344	4148
Poltava	234	122	336	48	5376
Rivne	139	94	239	17	7373
Sumy	150	80	115	40	4924
Ternopil	139	87	372	13	4736
Kharkiv	186	88	167	72	7543
Kherson	102	67	131	45	6597
Khmelnytskiy	231	134	332	27	6865
Cherkasy	164	78	339	30	24364
Chernivtsi	84	54	146	45	3133
Chernihiv	184	105	175	29	3496
city					
Sevastopol	…	…	…	…	…

14.22. Output of animal products, by category of enterprises

(thsd.t)

	2010	2012	2013	2014	2015	2016	2017
All categories							
Meat (slaughter weight)	2059	2210	2389	2360	2323	2324	2318
Milk	11249	11378	11488	11133	10615	10382	10281
Eggs, mln.pcs	17052	19110	19615	19587	16783	15100	15506
Wool, t	4192	3724	3520	2602	2270	2072	1967
Agricultural enterprises							
Meat (slaughter weight)	1134	1271	1441	1452	1464	1490	1483
Milk	2217	2535	2582	2648	2669	2706	2766
Eggs, mln.pcs	10249	11977	12234	12536	9762	8067	8365
Wool, t	710	556	470	379	314	266	255
Agricultural holdings of households							
Meat (slaughter weight)	925	939	948	908	859	834	835
Milk	9032	8843	8906	8485	7946	7676	7515
Eggs, mln.pcs	6803	7133	7381	7051	7021	7033	7141
Wool, t	3482	3168	3050	2223	1956	1806	1712

14.23. Output of meat, by category

(slaughter weight; thsd.t)

	2010	2012	2013	2014	2015	2016	2017
Meat of all category	**2059**	**2210**	**2389**	**2360**	**2323**	**2324**	**2318**
Beef and veal	428	388	428	413	384	376	363
Pork	631	701	748	743	760	748	736
Mutton and goat meat	21	20	19	14	14	13	14
Poultry meat	954	1075	1168	1165	1144	1167	1185
Rabbit meat	13	14	14	13	13	12	12
Horse meat	12	12	12	12	8	8	8

14.24. Output of animal products in 2017, by region

	Meat (slaughter weight), thsd.t	Milk, thsd.t	Eggs, mln.pcs	Wool, t
Ukraine	**2318**	**10281**	**15506**	**1967**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	320	851	946	11
Volyn	113	412	202	17
Dnipropetrovsk	258	301	845	19
Donetsk	86	190	588	50
Zhytomyr	53	548	688	28
Zakarpattya	55	325	359	180
Zaporizhzhya	52	261	682	81
Ivano-Frankivsk	80	464	353	23
Kyiv	233	436	2833	7
Kirovohrad	51	306	440	8
Luhansk	11	125	88	13
Lviv	127	528	556	17
Mykolayiv	30	342	253	132
Odesa	45	349	306	1003
Poltava	74	792	746	33
Rivne	56	433	616	13
Sumy	44	416	383	21
Ternopil	54	451	483	2
Kharkiv	86	522	555	52
Kherson	40	293	1025	108
Khmelnytskiy	65	597	1308	8
Cherkasy	312	508	642	2
Chernivtsi	40	282	320	131
Chernihiv	33	549	289	8
city				
Sevastopol	…	…	…	…

HUNTING

14.25. Basic hunting indicators

	2010	2012	2013	2014	2015	2016	2017
Total hunting estates	908	958	1043	1021	1044	1050	1077
Area of hunting lands, end of year, mln.ha	46,7	44,6	42,7	37,5	38,7	38,3	38,8
of which covered by hunting regulations	44,6	40,2	35,2	35,4	37,8	37,7	38,1
Payroll staff engaged in hunting (end of year), persons	7181	7145	7055	6352	6457	6321	6371
Number of animals on hunting management, thsd. heads							
ungulates	239,0	239,6	238,3	233,6	231,3	220,2	221,0
fur animals	2249,6	2070,8	1944,2	1747,5	1705,5	1675,4	1728,1
furred game	10672,9	10523,5	10202,9	9169,3	9756,2	9888,4	9982,0
Expenditure on hunting management (at current prices), mln. UAH	183,8	217,5	219,6	213,7	246,1	284,0	360,8
including							
on protection, reproduction and registration of wild animals, regulation of hunting lands	66,8	82,5	80,8	86,3	106,4	125,2	143,8
for keeping nurseries, aviaries, farms	4,1	5,1	5,4	7,4	7,4	7,0	8,1

14.26. Area of hunting lands and number of hunting animals in 2017, by region

	Area of hunting lands, end of year, thsd.ha	Number of animals on hunting management, thsd. heads		
		ungulates	fur animals	furred game
Ukraine	**38779,9**	**221,0**	**1728,1**	**9982,0**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	2135,4	10,7	76,3	377,9
Volyn	1505,4	12,3	66,3	248,9
Dnipropetrovsk	2435,3	6,6	127,7	1036,2
Donetsk	962,3	2,8	69,7	294,3
Zhytomyr	2108,5	21,8	74,5	295,3
Zakarpattya	751,8	13,9	46,0	214,4
Zaporizhzhya	1810,4	1,7	122,4	396,1
Ivano-Frankivsk	732,0	10,4	38,8	174,3
Kyiv	800,4	8,4	24,4	208,5
Kirovohrad	1960,0	6,8	92,1	929,6
Luhansk	1213,4	3,8	67,2	95,7
Lviv	1556,9	19,6	67,6	253,8
Mykolayiv	1255,9	2,3	41,9	161,2
Odesa	2463,2	5,5	82,2	422,2
Poltava	2086,0	8,8	95,7	564,5
Rivne	1344,4	17,6	52,2	382,0
Sumy	2026,4	7,7	64,2	254,5
Ternopil	949,6	4,5	61,7	266,4
Kharkiv	1459,8	9,5	75,5	593,5
Kherson	1989,1	3,2	108,2	624,5
Khmelnytskiy	1441,4	5,4	86,1	438,2
Cherkasy	1570,1	9,7	54,8	386,3
Chernivtsi	462,0	7,3	22,6	124,9
Chernihiv	2695,5	12,9	72,6	839,1
cities				
Kyiv	1064,7	7,8	37,4	399,7
Sevastopol	…	…	…	…

14.27. Expenditure on hunting management in 2017, by region

(at current prices; thsd. UAH)

	Total	Including	
		on protection, reproduction, registration of wild animals, regulation of hunting lands	for keeping nurseries, aviaries, farms
Ukraine	**360752,3**	**143803,1**	**8136,4**
Autonomous Republic of Crimea	…	…	…
oblasts			
Vinnytsya	11925,5	3943,8	387,9
Volyn	20905,7	8561,0	244,4
Dnipropetrovsk	12622,4	5739,3	145,7
Donetsk	2513,5	1040,4	40,3
Zhytomyr	34637,3	16513,9	1094,1
Zakarpattya	13417,6	3232,5	—
Zaporizhzhya	11937,6	3058,3	33,8
Ivano-Frankivsk	10913,4	3644,1	429,4
Kyiv	27801,2	12530,7	1095,0
Kirovohrad	8012,8	2157,6	132,0
Luhansk	2359,1	854,4	—
Lviv	19722,1	5981,5	225,0
Mykolayiv	5748,2	1833,6	9,3
Odesa	6555,2	3205,3	9,2
Poltava	20011,1	8970,6	186,9
Rivne	19343,5	9206,4	235,1
Sumy	15232,7	4561,8	122,0
Ternopil	4150,1	1621,7	223,2
Kharkiv	21043,0	11285,4	1161,7
Kherson	9733,9	4068,8	32,4
Khmelnytskiy	10338,8	3174,3	238,7
Cherkasy	15111,3	9502,0	95,6
Chernivtsi	10322,6	3783,8	542,7
Chernihiv	26069,4	7621,1	575,5
cities			
Kyiv	20324,3	7710,8	876,5
Sevastopol	…	…	…

FORESTRY

14.28. Basic indicators of forestry operations

	2010	2012	2013	2014	2015	2016	2017
Volume of the sold products (goods, services) of forestry, at current prices, mln. UAH	4097,7	5911,6	6363,9	7739,9	10778,2	12838,8	13774,6
including logging products	3530,2	5244,1	4095,8	7181,9	10176,9	12274,3	12967,7
Marketable timber produced, thsd.cub.m	16146	17507	18022	18333	19268	19606	18914
Main use felling	7239	7790	7840	8219	8392	8425	8482
Forest maintenance and reproduction felling and other measures	8907	9717	9888	10114	10876	11181	10432
Felling area and measures, thsd.ha	402,2	417,0	415,4	382,6	399,3	386,4	419,1
Main use felling	29,1	30,8	31,8	33,6	34,6	34,7	35,2
Forest maintenance and reproduction felling and other measures	373,1	386,2	383,6	349,0	364,7	351,7	383,9
Forest renewal area, thsd.ha	70,1	70,1	67,7	58,0	60,4	63,2	64,7
Reforestation	56,1	53,5	48,9	38,0	40,4	42,3	42,6
Natural reproduction	14,0	16,6	18,8	20,0	20,0	20,9	22,1
Area of transferring forest crops and natural renewal into lands covered with forest vegetation, thsd.ha	54,8	63,6	64,4	60,7	60,8	56,9	57,4
Remainder of the uncleaned areas[1], thsd.ha	8,1	1,7	2,9	2,1	2,2	3,1	1,4
Remainder of timber on felling areas[1], thsd.cub.m	595,1	1322,6	973,0	803,7	699,6	721,8	850,2
Forest fires, units	3240	2163	1113	2003	3813	1249	3131
Forest areas suffered from fires, thsd.ha	3,7	3,5	0,4	13,8	14,7	1,2	5,9
Losses caused by fires (at current prices), mln. UAH	26,7	56,1	1,4	51,7	20,2	8,6	45,9

[1] In 2010, as of May 1 of the relevant year, since 2011, end of year

14.29. Volume of the sold products (goods, services) of forestry, by region

(at current prices; mln. UAH)

	2010	2012	2013	2014	2015	2016	2017
Ukraine	**4097,7**	**5911,6**	**6363,9**	**7739,9**	**10778,2**	**12838,8**	**13774,6**
Autonomous Republic of Crimea	37,2	46,2	44,2	…	…	…	…
oblasts							
Vinnytsya	160,3	229,4	233,5	308,1	452,3	566,7	678,9
Volyn	211,1	323,2	336,6	543,4	652,1	795,7	901,0
Dnipropetrovsk	30,8	37,8	36,0	33,7	52,4	40,5	45,8
Donetsk	39,9	42,9	42,9	23,2	32,7	38,7	41,8
Zhytomyr	616,3	864,7	984,0	1244,5	1689,2	2075,0	1993,3
Zakarpattya	199,2	333,7	372,2	467,6	549,8	715,3	777,8
Zaporizhzhya	23,0	33,5	32,3	28,8	33,4	22,4	22,0
Ivano-Frankivsk	216,0	353,1	378,9	465,9	653,2	696,7	843,8
Kyiv	320,3	429,1	461,6	546,2	895,6	1030,2	1039,3
Kirovohrad	46,4	67,9	68,4	79,2	121,7	176,3	180,1
Luhansk	85,3	98,9	100,7	68,5	66,4	71,7	94,1
Lviv	287,4	376,4	436,4	535,0	788,5	826,9	1044,7
Mykolayiv	30,8	36,5	35,8	33,4	37,0	21,6	22,7
Odesa	42,7	48,7	71,5	75,2	83,1	61,9	73,3
Poltava	101,7	147,1	156,9	180,1	245,5	320,7	273,6
Rivne	401,6	575,8	630,2	744,9	1077,4	1303,3	1233,6
Sumy	271,0	386,2	378,1	466,3	657,7	824,0	933,0
Ternopil	64,5	95,5	95,6	119,4	182,2	201,1	249,4
Kharkiv	100,4	135,1	134,0	147,4	188,9	260,3	241,6
Kherson	43,3	58,0	60,7	56,0	56,6	37,2	40,7
Khmelnytskiy	155,9	201,1	222,6	295,7	470,2	577,6	697,7
Cherkasy	142,6	244,9	248,3	308,6	477,2	594,2	752,0
Chernivtsi	199,9	293,3	291,3	335,2	417,0	450,0	509,9
Chernihiv	243,7	379,9	429,0	545,5	762,4	968,1	914,8
cities							
Kyiv	21,7	65,9	75,0	88,1	135,7	162,7	169,7
Sevastopol	4,7	6,8	7,2	…	…	…	…

14.30. Marketable timber produced, by region

(thsd.cub.m)

	2010	2012	2013	2014	2015	2016	2017
Ukraine	**16145,6**	**17506,7**	**18021,9**	**18333,2**	**19267,7**	**19605,7**	**18913,9**
Autonomous Republic of Crimea	59,3	69,1	57,9	…	…	…	…
oblasts							
Vinnytsya	667,3	664,5	674,8	682,4	686,6	651,2	639,5
Volyn	976,7	1021,8	1023,4	1078,4	1127,6	1181,6	1365,1
Dnipropetrovsk	44,6	104,7	70,0	63,0	83,6	100,8	78,5
Donetsk	81,2	84,4	75,9	44,6	88,6	100,1	82,5
Zhytomyr	2444,1	2677,7	2881,5	3026,1	3127,3	3402,9	3360,3
Zakarpattya	1003,7	1154,9	1188,9	1372,4	1451,2	1323,9	1202,0
Zaporizhya	28,0	25,9	25,1	27,1	30,8	29,5	22,0
Ivano-Frankivsk	923,2	1124,3	1107,4	1141,5	1223,6	1213,2	1161,5
Kyiv	1274,7	1237,3	1357,9	1424,6	1565,8	1661,7	1659,2
Kirovohrad	182,8	201,5	189,0	196,1	217,5	225,1	168,0
Luhansk	230,3	192,0	184,4	134,2	169,0	220,3	279,2
Lviv	1106,8	1146,4	1266,4	1261,9	1284,4	1242,9	1178,0
Mykolayiv	33,9	33,8	34,6	34,6	37,2	38,0	32,0
Odesa	77,0	79,9	92,7	90,0	106,2	109,6	89,7
Poltava	367,1	397,8	419,5	437,3	491,3	471,0	340,9
Rivne	1409,5	1557,4	1615,4	1486,9	1528,9	1690,8	1671,1
Sumy	962,2	1012,6	1027,3	992,0	982,6	980,3	992,3
Ternopil	247,2	287,8	272,4	269,1	279,9	255,4	266,0
Kharkiv	421,4	459,8	405,6	428,3	476,7	486,6	367,3
Kherson	127,0	119,1	131,9	121,5	76,6	59,5	40,2
Khmelnytskiy	576,1	570,1	596,9	615,5	698,6	750,5	782,0
Cherkasy	608,0	633,9	617,7	658,6	699,0	673,5	713,9
Chernivtsi	899,9	971,3	951,1	931,4	828,5	750,9	656,5
Chernihiv	1237,9	1421,5	1461,9	1522,2	1575,0	1727,7	1564,1
cities							
Kyiv	152,4	253,8	286,8	293,5	431,2	258,7	202,1
Sevastopol	3,3	3,5	5,5	…	…	…	…

14.31. Forest felling and measures in 2017, by region

(thsd.ha)

	Area of felling and measures	Including			
		main use felling	forest maintenance and reproduction felling and other measures connected with maintenance of forestry		other measures not connected with maintenance of forestry
			total	of which test felling	
Ukraine	**419,1**	**35,2**	**381,9**	**100,5**	**2,0**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	16,0	1,5	14,5	7,1	0,0
Volyn	31,2	3,2	27,9	5,7	0,1
Dnipropetrovsk	3,5	—	3,5	0,7	0,0
Donetsk	3,8	—	3,7	0,5	0,1
Zhytomyr	62,2	5,9	56,2	10,4	0,1
Zakarpattya	25,7	2,1	23,5	6,5	0,1
Zaporizhzhya	1,5	—	1,5	0,1	0,0
Ivano-Frankivsk	25,8	2,6	22,9	7,3	0,3
Kyiv	31,0	1,9	28,9	7,6	0,2
Kirovohrad	4,5	0,2	4,3	1,2	0,0
Luhansk	9,1	…[1]	8,9	1,5	…[1]
Lviv	25,9	3,3	22,3	6,5	0,3
Mykolayiv	2,2	—	2,2	0,3	—
Odesa	3,4	—	…[1]	0,6	…[1]
Poltava	7,6	0,4	7,2	2,3	0,0
Rivne	36,9	3,2	33,7	6,9	0,0
Sumy	21,3	1,5	19,6	5,5	0,2
Ternopil	7,5	0,9	6,6	3,3	0,0
Kharkiv	15,5	0,3	15,2	4,0	0,0
Kherson	1,6	—	…[1]	0,6	…[1]
Khmelnytskiy	15,4	1,2	14,2	5,4	0,0
Cherkasy	20,3	1,1	19,0	5,0	0,2
Chernivtsi	12,0	2,1	9,8	5,6	0,1
Chernihiv	27,0	3,6	23,3	5,2	0,1
cities					
Kyiv	8,2	…[1]	8,0	0,7	…[1]
Sevastopol	…	…	…	…	…

[1] See the footnote to Table 14.16

14.32. Forest fires in 2017, by region

	Incidents, units	Forest areas suffered from fires, ha	Burned and damaged, cub.m		Sustained losses by forest burned (at current prices), thsd. UAH
			forest on the stump	procured forest products	
Ukraine	**3131**	**5938,7**	**149775**	**82**	**45877,6**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	2	1,0	—	—	39,2
Volyn	—	—	—	—	—
Dnipropetrovsk	340	1126,5	9129	9	4224,3
Donetsk	109	241,8	2412	—	268,2
Zhytomyr	31	260,6	367	—	401,0
Zakarpattya	9	17,9	—	—	367,2
Zaporizhzhya	327	862,7	6756	—	7069,2
Ivano-Frankivsk	—	—	—	—	—
Kyiv	224	277,0	—	—	519,7
Kirovohrad	10	6,7	—	—	5,1
Luhansk	228	761,2	27636	58	3460,7
Lviv	13	38,6	—	—	198,2
Mykolayiv	136	352,0	14222	—	5267,0
Odesa	27	59,1	—	—	7,0
Poltava	93	170,2	4635	—	1374,2
Rivne	12	8,5	350	—	26,8
Sumy	101	70,5	—	—	183,8
Ternopil	—	—	—	—	—
Kharkiv	244	249,4	3755	—	3207,1
Kherson	393	1136,7	80500	—	17072,9
Khmelnytskiy	8	5,3	—	—	3,2
Cherkasy	133	148,1	—	—	461,6
Chernivtsi	2	2,9	—	—	59,5
Chernihiv	70	84,5	—	15	89,3
cities					
Kyiv	619	57,5	13	—	1572,4
Sevastopol	…	…	…	…	…

14.33. Forest protection operations

	2010	2012	2013	2014	2015	2016	2017
Total area affected by pests and diseases, end of year, thsd.ha	557,4	733,9	701,7	650,9	639,2	687,0	757,7
Forest protection from pests and diseases, thsd.ha	81,9	89,7	99,6	31,8	46,0	37,2	46,1
by biological methods	68,4	60,4	61,7	20,8	31,6	29,0	31,4
by chemicals	13,5	29,3	37,9	11,0	14,4	8,2	14,7
Pests and diseases liquidated by different methods, thsd.ha	101,0	215,2	185,8	172,0	123,1	119,0	154,2
Death of forestry, ha	20864	20187	16428	17642	27768	19405	20111
of which due to							
pests	1295	1376	1492	1181	1183	2332	5439
diseases	5632	6463	6585	6638	7258	5921	2334
adverse weather conditions	10113	8469	7349	5991	8350	8042	3065
forest fires	3127	2915	285	2290	8564	1591	8763

FISHING

14.34. Harvesting of water bio-resources, by type

(t)

	2010	2012	2013	2014	2015	2016	2017
Fish	**215017**	**195490**	**216354**	**80958**	**73963**	**78490**	**81875**
including							
Grass carp	…	…	…	440	485	485	471
Silverside	…	…	…	456	305	166	166
Bullhead	8888	9163	13349	11851	15651	19507	22989
Pondweed bug	…	…	…	124	244	123	221
Redeye	…	…	…	91	147	131	244
Crucian carp	…	…	…	4693	5305	7355	9367
Flounder	215	235	722	101	86	142	109
Sprat	24230	15704	12535	2078	1653	1360	1443
Carp	9858	10357	11524	9697	9807	9081	9017
Bream	2713	2830	3301	2761	2948	3512	3264
Herring	485	227	381	90	155	245	98
Sturgeons	21	51	43	66	36	76	57
Mugil soiuy, mullet	3837	1435	1296	599	379	714	770
Silver breams	…	…	…	777	881	1194	1317
Sardine	22277	9763	4883	6079	…[1]	…[1]	—
Mackerel	16814	14710	13028	14183	…[1]	…[1]	—
Fresh-water catfish	207	247	360	264	289	293	327
Horse-mackerel	25852	23417	25149	100	…[1]	6	…[1]
Pike-perch	367	396	398	694	733	913	1091
Roach (dace)	688	1540	1405	2283	2412	2847	2712
Silver carp	11752	12146	14778	12454	11523	10877	9115
Black sea sprat	10346	8232	11730	7693	11794	13977	13203
Trout	171	236	478	549	405	353	360
Khamsa	22486	29800	36632	442	1244	2387	1952
Baltic sprat	…	…	…	—	535	354	716
Pike	197	256	238	318	297	271	332
Other water living resources	**3664**	**8436**	**9448**	**10294**	**14589**	**9953**	**10770**
including							
Crustaceans	41	61	4800	9303	13081	7842	8693
Molluscs	2732	8132	3817	634	900	1553	1691

[1] See the footnote to Table 14.16

14.35. Harvesting of water bio-resources in 2017, by region

(t)

	Harvesting of water bio-resources			Fish harvested out of the total volume of water bio-resources
	total	inland water bodies	external (sea) economic zone of Ukraine	
Ukraine	**92645**	**42176**	**42520**	**81875**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	1923	1923	—	1923
Volyn	621	621	—	621
Dnipropetrovsk	3717	…[1]	…[1]	3715
Donetsk	7573	1940	5633	7571
Zhytomyr	658	658	—	658
Zakarpattya	319	319	—	319
Zaporizhzhya	25429	1481	23948	25212
Ivano-Frankivsk	609	609	—	609
Kyiv	4392	…[1]	…[1]	4391
Kirovohrad	2306	2306	—	2306
Luhansk	266	266	—	266
Lviv	817	817	—	817
Mykolayiv	10572	2227	…[1]	2541
Odesa	10933	6644	4289	9216
Poltava	1436	1436	—	1436
Rivne	512	512	—	512
Sumy	2422	2422	—	2422
Ternopil	307	307	—	307
Kharkiv	979	979	—	976
Kherson	7517	2466	5051	7208
Khmelnytskiy	623	623	—	623
Cherkasy	5706	5706	—	5705
Chernivtsi	772	772	—	772
Chernihiv	638	638	—	638
cities				
Kyiv	1598	335	1263	1111
Sevastopol	…	…	…	…

[1] See the footnote to Table 14.16

15. CAPITAL INVESTMENT AND CONSTRUCTION

15.1. Capital investment

	Capital investment put into service			Capital investment index, percentage of the previous year
	from all financial sources, at current prices, mln. UAH	of which, from the Central Budget funds		
		at current prices, mln. UAH	percentage of the total	
2010	189061	10952	5,8	…
2011	259932	18395	7,1	118,8
2012	293692	17141	5,8	108,5
2013	267728	6498	2,4	88,9
2014	219420	2739	1,2	75,9
2015	273116	6920	2,5	98,3
2016	359216	9264	2,6	118,0
2017	448462	15295	3,4	122,1

15.2. Indices of construction output, by type

(percent of the previous year)

	2011	2012	2013	2014	2015	2016	2017
Total	**118,6**	**91,7**	**88,9**	**79,6**	**87,7**	**117,4**	**126,3**
Buildings	114,6	93,5	95,6	79,6	91,9	120,7	121,4
residential	101,0	92,4	110,4	103,5	98,9	117,8	116,3
non-residental	122,0	94,0	89,0	66,3	85,8	123,7	126,1
Engineering structures	122,1	90,2	83,3	79,7	83,7	114,0	131,7

15.3. Construction output, by type of construction output

(percent)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**	**100,0**
Buildings	45,6	43,4	44,5	48,0	48,6	50,3	51,7	50,0
residential	16,1	13,4	13,7	17,3	22,1	24,2	24,4	22,5
non-residental	29,5	30,0	30,8	30,7	26,5	26,1	27,3	27,5
Engineering structures	54,4	56,6	55,5	52,0	51,4	49,7	48,3	50,0

15.4. Indices of construction output, by region

(percent of the previous year)

	2011	2012	2013	2014	2015	2016	2017
Ukraine	**118,6**	**91,7**	**88,9**	**79,6**	**87,7**	**117,4**	**126,3**
Autonomous Republic of Crimea	96,4	86,7	97,4	…	…	…	…
oblasts							
Vinnytsya	124,0	95,0	87,0	72,8	104,8	143,2	113,3
Volyn	127,3	95,9	91,0	86,7	133,8	110,6	99,0
Dnipropetrovsk	121,8	93,5	96,0	87,6	91,0	100,0	136,7
Donetsk	143,7	93,6	77,3	50,5	41,5	104,7	105,3
Zhytomyr	128,3	85,2	82,5	83,8	87,7	139,0	142,4
Zakarpattya	105,2	76,5	104,9	88,2	115,2	118,6	150,7
Zaporizhzhya	104,3	105,0	80,6	79,5	97,6	98,8	132,7
Ivano-Frankivsk	128,6	95,0	117,9	69,1	106,3	103,5	134,4
Kyiv	147,3	88,0	102,0	63,3	99,7	133,0	122,3
Kirovohrad	129,6	94,8	87,8	77,0	104,7	111,8	166,5
Luhansk	102,9	91,2	90,4	46,7	49,2	118,1	74,2
Lviv	105,0	80,8	92,8	89,6	120,1	122,3	111,9
Mykolayiv	97,9	81,8	68,5	91,4	122,7	116,9	116,5
Odesa	107,7	98,7	112,5	94,9	80,2	133,8	149,3
Poltava	106,0	97,4	89,3	99,9	84,6	91,5	119,4
Rivne	77,7	143,8	77,9	107,1	64,7	83,7	114,4
Sumy	112,6	108,6	95,5	90,6	89,3	116,5	98,2
Ternopil	79,9	91,6	92,4	102,7	95,9	129,6	103,1
Kharkiv	106,0	95,7	86,6	89,6	102,5	131,1	122,9
Kherson	110,4	84,9	113,0	72,6	93,8	113,8	134,6
Khmelnytskiy	113,5	89,7	110,9	91,2	108,9	107,6	127,2
Cherkasy	111,0	77,3	121,7	69,5	95,4	114,7	108,9
Chernivtsi	102,4	120,3	84,2	83,4	89,0	99,5	109,1
Chernihiv	120,2	93,3	83,5	134,8	64,7	100,3	130,0
cities							
Kyiv	131,0	84,7	81,8	80,4	86,2	126,7	133,0
Sevastopol	114,1	87,3	112,2	…	…	…	…

RESIDENTIAL CONSTRUCTION

15.5. Residential buildings put into service and the number of apartments built[1]

	2010	2011	2012	2013	2014	2015	2016	2017
Put into service, thsd.sq.m of total size	9339	9410	10750	11217	9741	11044	9367	10206
in urban areas	6304	6965	7539	7672	6645	7465	6503	7274
in rural areas	3035	2445	3211	3545	3096	3579	2864	2932
Apartments built, thsd.	77	83	91	102	105	120	113	126
in urban areas	57	66	70	75	77	89	85	99
in rural areas	20	17	21	27	28	31	28	27
Per 1000 population								
Put into service, sq.m of total size	204	207	237	248	227	259	220	241
in urban areas	202	224	242	247	225	254	222	249
in rural areas	210	170	225	249	232	269	217	223
Apartments built	1,7	1,8	2,0	2,3	2,5	2,8	2,6	3,0
in urban areas	1,8	2,1	2,2	2,4	2,6	3,0	2,9	3,4
in rural areas	1,4	1,1	1,5	1,9	2,1	2,4	2,1	2,1

[1] Here and elsewhere (Table 15.6–15.8) in 2010–2016, including data on housing put into service according to procedures (Ukraine Ministry of Regional Development, Construction and Public Utilities' Decree 79 of April 24, 2015 and Decree 95 of March 19, 2013 and Decree 91 of June 24, 2011, and Ukraine Cabinet of Ministers' regulation 1035 of September 09, 2009)

15.6. Residential buildings put into service, by region

(thsd.sq.m of total size)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**9339**	**9410**	**10750**	**11217**	**9741**	**11044**	**9367**	**10206**
Autonomous Republic of Crimea	535	504	733	963	…	…	…	…
oblasts								
Vinnytsya	292	321	322	352	288	391	350	338
Volyn	175	200	304	225	228	329	364	336
Dnipropetrovsk	226	235	267	306	205	340	293	365
Donetsk	293	289	346	416	191	43	58	55
Zhytomyr	201	162	174	175	118	213	166	163
Zakarpattya	293	326	366	380	395	442	336	420
Zaporizhzhya	144	62	194	180	112	101	108	103
Ivano-Frankivsk	600	580	533	631	909	856	481	625
Kyiv	1184	1050	1167	1515	1727	1864	2060	1825
Kirovohrad	98	76	130	109	57	117	54	51
Luhansk	147	116	177	178	55	22	7	21
Lviv	642	723	732	675	954	1165	859	959
Mykolayiv	133	119	120	122	105	168	106	74
Odesa	640	793	770	637	891	632	576	720
Poltava	246	175	177	198	174	266	137	235
Rivne	207	229	239	270	279	361	324	394
Sumy	182	185	196	143	137	157	110	106
Ternopil	288	289	409	395	239	480	234	293
Kharkiv	416	335	380	392	281	384	469	470
Kherson	182	135	176	190	121	113	82	75
Khmelnytskiy	362	298	359	290	351	469	405	361
Cherkasy	187	111	131	130	127	193	126	153
Chernivtsi	294	217	407	341	235	382	222	202
Chernihiv	160	158	191	191	120	190	106	128
cities								
Kyiv	1012	1501	1503	1509	1442	1366	1334	1734
Sevastopol	200	221	247	304	…	…	…	…

15.7. Residential buildings put into service in urban areas, by region

(thsd.sq.m of total size)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**6304**	**6965**	**7539**	**7672**	**6645**	**7465**	**6503**	**7274**
Autonomous Republic of Crimea	378	383	532	691	…	…	…	…
oblasts								
Vinnytsya	186	214	214	209	200	251	277	256
Volyn	94	111	170	106	111	165	183	156
Dnipropetrovsk	181	196	222	239	169	259	264	333
Donetsk	253	258	302	351	158	36	52	44
Zhytomyr	109	119	119	115	67	140	117	98
Zakarpattya	138	163	178	185	190	199	156	197
Zaporizhzhya	107	45	158	134	96	85	98	85
Ivano-Frankivsk	322	364	299	292	523	400	210	323
Kyiv	488	419	457	599	708	832	884	814
Kirovohrad	64	59	92	79	42	86	40	41
Luhansk	127	99	147	154	51	18	6	17
Lviv	404	526	455	432	647	822	653	697
Mykolayiv	119	105	101	109	92	141	98	67
Odesa	419	597	529	430	557	530	390	519
Poltava	179	125	127	123	129	181	83	166
Rivne	107	137	127	149	172	204	177	239
Sumy	145	148	152	113	113	132	93	89
Ternopil	188	224	268	250	187	300	187	220
Kharkiv	333	276	299	330	251	340	431	438
Kherson	127	77	103	134	81	81	71	58
Khmelnytskiy	277	250	299	232	311	411	350	323
Cherkasy	123	85	98	98	103	148	105	133
Chernivtsi	133	141	220	173	147	191	162	120
Chernihiv	103	127	139	141	98	147	82	107
cities								
Kyiv	1012	1501	1503	1509	1442	1366	1334	1734
Sevastopol	188	216	229	295	…	…	…	…

15.8. Residential buildings put into service in rural areas, by region

(thsd.sq.m of total size)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**3035**	**2445**	**3211**	**3545**	**3096**	**3579**	**2864**	**2932**
Autonomous Republic of Crimea	157	121	201	272	…	…	…	…
oblasts								
Vinnytsya	106	107	108	143	88	140	73	82
Volyn	81	89	134	119	117	164	181	180
Dnipropetrovsk	45	39	45	67	36	81	29	32
Donetsk	40	31	44	65	33	7	6	11
Zhytomyr	92	43	55	60	51	73	49	65
Zakarpattya	155	163	188	195	205	243	180	223
Zaporizhzhya	37	17	36	46	16	16	10	18
Ivano-Frankivsk	278	216	234	339	386	456	271	302
Kyiv	696	631	710	916	1019	1032	1176	1011
Kirovohrad	34	17	38	30	15	31	14	10
Luhansk	20	17	30	24	4	4	1	4
Lviv	238	197	277	243	307	343	206	262
Mykolayiv	14	14	19	13	13	27	8	7
Odesa	221	196	241	207	334	102	186	201
Poltava	67	50	50	75	45	85	54	69
Rivne	100	92	112	121	107	157	147	155
Sumy	37	37	44	30	24	25	17	17
Ternopil	100	65	141	145	52	180	47	73
Kharkiv	83	59	81	62	30	44	38	32
Kherson	55	58	73	56	40	32	11	17
Khmelnytskiy	85	48	60	58	40	58	55	38
Cherkasy	64	26	33	32	24	45	21	20
Chernivtsi	161	76	187	168	88	191	60	82
Chernihiv	57	31	52	50	22	43	24	21
city								
Sevastopol	12	5	18	9	…	…	…	…

16. TRANSPORT AND COMMUNICATIONS

16.1. Volume indices of freight shipped, by mode of transport

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**109**	**107**	**98**	**99**	**90**	**91**	**105**	**103**
land	109	107	98	99	90	91	105	103
rail[1]	111	108	97,5	97	89	91	98	99
road[2]	109	107	101	100	92	90	106	103
pipeline	99	101	83	98	80	98	110	108
water	113	89	79	81	102	108	104	88
sea	87	102	83	99	95	117	92	74
river	136	82	75	66	111	100	115	100
air[3]	103	105	133	81	85	88	107	112

[1] According to data from the public joint-stock company *Ukrainian rail*
[2] Including transportations made for own needs and commercial cargo transportations made by natural persons-entrepreneurs
[3] According to data from the State Aviation Administration of Ukraine

16.2. Volume indices for passenger transport

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**94**	**102**	**98**	**97**	**95**	**88**	**94**	**100**
land	94	102	98	97	95	88	94	100
rail[1]	100	101	100	99	96	100	99,8	98
bus[2]	93	97	96	97	91	77	90	99,7
tram	91	112	100	95	103	96	94	97
trolley-buses	94	112	100	97	99	99	96	102
subway	101	102	99,5	100	94	96	99,7	103
water	99	105	83	109	89	97	83	124
sea	107	106	84	112	83	87	119	94
river	65	98	75	87	90	97	81	126
air[3]	119	123	108	100	83	97	131	128

[1] See the first footnote to Table 16.1. Since 2017, the public joint-stock company *Ukrainian rail* changed the procedure for accounting the transportation of passengers by rail on suburban routes who enjoy the benefits for free travel (hereinafter, the new procedure).To compare data for 2016 and 2017 in a correct way, data for 2016 have been recalculated according to the new procedure. Including passengers transported by city rail
[2] Including automobile passenger transportation by small businesses (natural and legal persons)
[3] See the third footnote to Table 16.1

16.3. Freight shipped, by mode of transport

(mln.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**1765**	**1887**	**1853**	**1837**	**1623**	**1474**	**1543**	**1582**
land	1754	1877	1845	1831	1617	1468	1536	1576
rail[1]	433	469	457	444	386	350	343	339
road[2]	1168	1253	1260	1261	1131	1021	1086	1122
pipelines	153	155	128	126	100	97	107	115
water	11	10	8	6	6	6	7	6
sea	4	4	4	3	3	3	3	2
river	7	6	4	3	3	3	4	4
air[3]	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

[1] See the first footnote to Table 16.1
[2] See the second footnote to Table 16.1
[3] See the third footnote to Table 16.1

16.4. Freight traffic, by mode of transport

(bln.tkm)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**418,7**	**445,7**	**412,6**	**399,6**	**353,6**	**334,7**	**344,2**	**364,2**
land	409,3	438,0	406,9	394,7	348,0	329,1	340,0	359,6
rail[1]	218,1	243,9	237,7	224,4	210,2	195,1	187,6	191,9
road[2]	53,9	57,3	57,5	58,7	56,0	53,3	58,0	62,3
pipelines	137,3	136,8	111,7	111,6	81,8	80,7	94,4	105,4
water	9,0	7,3	5,3	4,6	5,4	5,4	4,0	4,3
sea	5,2	5,1	3,6	3,2	4,1	3,9	2,5	2,9
river	3,8	2,2	1,7	1,4	1,3	1,6	1,5	1,4
air[3]	0,4	0,4	0,4	0,3	0,2	0,2	0,2	0,3

[1] See the first footnote to Table 16.1
[2] See the second footnote to Table 16.1
[3] See the third footnote to Table 16.1

16.5. Freight shipped, by rail of general use[1]

(mln.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Total shipment	**433**	**469**	**457**	**444**	**386**	**350**	**343**	**339**
coal	118	123	122	119	…	73	73	67
coke	11	12	12	12	…	8	8	6
oil and oil products	31	33	27	23	…	17	15	14
ferrous metals	40	43	39	39	…	29	29	26
timber	5	5	4	5	…	5	4	4
bread	13	15	24	23	…	29	32	37
ore	82	89	87	88	…	85	77	70
cement	6	7	6	6	…	6	6	6
chemical and mineral fertilisers	12	15	13	11	…	10	11	12
other freight	115	127	123	118	…	88	88	97

[1] See the first footnote to Table 16.1

16.6. Freight shipped by road, by region[1]

(mln.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**1168,2**	**1252,4**	**1259,7**	**1260,8**	**1131,3**	**1020,6**	**1085,7**	**1121,7**
Autonomous Republic of Crimea	22,4	18,5	16,5	17,6	…	…	…	…
oblasts								
Vinnytsya	30,1	34,2	34,7	33,2	32,8	30,0	28,9	27,8
Volyn	10,1	11,5	11,7	10,4	10,1	10,6	12,5	13,0
Dnipropetrovsk	359,2	355,9	345,1	376,1	361,7	300,4	284,2	328,1
Donetsk	149,8	166,3	174,4	168,1	68,0	77,0	118,6	105,1
Zhytomyr	40,1	44,5	46,7	45,4	47,1	52,1	39,9	43,4
Zakarpattya	11,9	11,3	10,1	9,5	8,9	9,1	9,2	8,7
Zaporizhzhya	64,9	61,8	51,4	35,1	31,4	28,5	29,0	30,4
Ivano-Frankivsk	9,1	9,2	9,8	9,3	10,7	14,3	15,7	20,2
Kyiv	41,0	42,3	44,6	37,3	36,9	40,6	48,2	48,9
Kirovohrad	28,1	33,3	30,7	34,2	45,7	43,8	38,8	45,8
Luhansk	24,3	26,3	24,7	28,7	26,9	27,3	16,1	4,9
Lviv	19,5	22,2	23,4	21,4	20,9	20,6	21,5	23,2
Mykolayiv	21,9	21,8	20,5	19,5	19,4	19,5	23,0	20,5
Odesa	26,3	26,0	25,2	22,7	21,0	22,2	22,6	24,1
Poltava	142,1	182,7	209,8	220,6	213,8	161,4	193,0	173,0
Rivne	13,7	14,7	13,7	13,4	12,2	12,5	14,8	19,2
Sumy	10,8	11,6	11,7	11,4	12,2	11,6	11,6	12,6
Ternopil	9,6	11,6	16,0	15,6	17,3	13,8	14,7	16,7
Kharkiv	28,8	28,5	29,9	29,5	29,1	28,3	29,7	32,4
Kherson	13,6	15,0	12,2	12,2	11,4	10,9	11,1	13,4
Khmelnytskiy	21,4	22,5	22,9	23,1	25,9	27,6	29,7	32,2
Cherkasy	24,1	32,9	27,7	24,1	32,3	25,0	31,9	30,1
Chernivtsi	7,2	7,1	6,1	4,9	5,1	4,7	5,3	6,9
Chernihiv	12,4	13,2	12,9	12,7	11,7	10,3	11,9	11,7
cities								
Kyiv	19,0	20,4	19,3	17,8	18,8	18,5	23,8	29,4
Sevastopol	6,8	7,1	8,0	7,0	…	…	…	…

[1] See the second footnote to Table 16.1

16.7. Road freight traffic, by region[1]

(mln.tkm)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**53918,4**	**57308,1**	**57452,9**	**58683,1**	**55963,5**	**53293,4**	**58029,8**	**62296,8**
Autonomous Republic of Crimea	895,9	952,6	899,1	1093,3	…	…	…	…
oblasts								
Vinnytsya	1532,8	1729,8	1848,6	1950,8	1894,7	1650,9	1813,6	1672,7
Volyn	1690,5	1671,7	1839,3	1755,2	1622,7	1838,4	2108,6	2401,7
Dnipropetrovsk	3587,1	3805,5	3738,0	3730,1	3798,3	3641,6	4421,4	4815,6
Donetsk	2897,1	3258,1	3793,4	4393,2	4125,9	2238,3	2230,5	2367,3
Zhytomyr	1038,1	1184,6	1168,7	1121,6	1097,2	1014,6	1035,6	990,9
Zakarpattya	2754,3	3097,2	3493,2	4149,5	4410,7	4676,1	4862,6	5285,6
Zaporizhzhya	1758,7	1747,2	1841,7	1633,9	1409,5	1278,4	1384,3	1522,8
Ivano-Frankivsk	1477,4	1554,9	1565,5	1361,6	1491,7	1507,5	1649,4	1690,9
Kyiv	4147,4	4190,4	4017,5	3414,8	3172,8	3424,2	3854,6	4191,6
Kirovohrad	1083,1	1136,8	1089,1	1214,8	2051,2	1738,8	1195,0	1470,5
Luhansk	2706,3	3066,1	2388,5	3186,6	1790,0	1203,6	860,1	477,2
Lviv	3878,0	3580,2	4198,6	4367,9	4564,4	4344,8	4511,1	4604,1
Mykolayiv	1393,4	2156,0	1669,6	1306,7	1324,5	1268,7	1406,7	1466,5
Odesa	2531,0	2509,0	2555,2	2778,2	2707,9	2776,8	2796,2	2886,9
Poltava	2776,7	3491,8	3249,1	3286,4	2644,3	3158,6	3530,6	2563,0
Rivne	1518,4	1355,3	1335,3	1321,4	1304,0	1247,7	1732,7	2270,0
Sumy	670,0	760,8	811,1	803,6	755,8	651,2	666,2	765,8
Ternopil	1034,6	1071,7	1250,8	1089,0	1385,2	1123,0	1317,7	1321,9
Kharkiv	3156,5	3213,2	3411,9	3413,6	2705,1	2653,1	3770,2	4478,3
Kherson	1139,1	1292,1	1360,2	1326,2	1429,5	1269,1	1266,7	1353,5
Khmelnytskiy	2044,8	2231,4	2246,3	2392,0	2325,7	2344,7	2241,0	2151,3
Cherkasy	1675,3	1947,4	1856,7	1472,6	2335,3	2599,8	2013,2	3074,6
Chernivtsi	1026,7	1076,7	1125,0	1151,6	1049,0	1035,1	1128,8	1272,3
Chernihiv	1201,2	1323,6	971,6	860,1	827,0	719,4	1087,0	1173,8
cities								
Kyiv	4130,2	3804,7	3610,3	3947,1	3741,1	3889,0	5146,0	6028,0
Sevastopol	173,8	99,3	118,6	161,3	…	…	…	…

[1] See the second footnote to Table 16.1

16.8. Freight transported by pipelines

(mln.t)

	2010	2011	2012	2013	2014	2015	2016	2017
Total shipment	**153**	**155**	**128**	**126**	**100**	**97**	**107**	**115**
Gas	121	127	108	106	80	78	89	97
Oil	30	25	17	17	17	17	15	16
Ammonium	2	3	3	3	2	2	2	2

16.9. Total passengers transported, by mode of transport

(mln.)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**6845**	**6980**	**6813**	**6623**	**5902**	**5167**	**4854**	**4648**
land	6831	6964	6798	6607	5895	5160	4845	4637
rail[1]	427	430	429	425	389	390	389	165
bus[2]	3726	3612	3450	3344	2913	2250	2025	2019
tram	714	798	800	757	770	739	694	676
trolley-bus	1204	1346	1345	1306	1097	1081	1039	1058
subway	760	778	774	775	726	700	698	719
water	8	8	7	7	1	1	1	1
sea	7	7	6	7	0	0	0	0
river	1	1	1	0	1	1	1	1
air[3]	6	8	8	8	6	6	8	10

[1] See the first footnote to Table 16.2
[2] See the second footnote to Table 16.2
[3] See the third footnote to Table 16.1

In 2017 automobile transportation of passengers by small businesses amounted to 683 mln. passengers.

16.10. Passenger traffic by mode of transport

(bln. passengers.km)

	2010	2011	2012	2013	2014	2015	2016	2017
Transport	**130,0**	**134,1**	**132,3**	**128,3**	**106,3**	**97,0**	**102,2**	**99,4**
land	118,9	120,2	117,8	115,6	94,8	85,6	86,7	79,0
rail[1]	50,2	50,6	49,3	49,0	35,9	35,4	36,8	28,1
bus[2]	52,0	51,5	50,3	49,0	42,6	34,6	34,6	35,5
tram	4,0	4,4	4,5	4,1	4,3	4,2	4,0	3,9
trolley-bus	6,9	7,8	7,8	7,6	6,4	6,1	5,9	6,0
subway	5,8	5,9	5,9	5,9	5,6	5,4	5,4	5,5
water	0,1	0,1	0,1	0,1	0,0	0,0	0,0	0,0
sea	0,1	0,1	0,1	0,1	0,0	0,0	0,0	0,0
river	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
air[3]	11,0	13,8	14,4	12,6	11,6	11,4	15,5	20,4

[1] See the first footnote to Table 16.2
[2] See the second footnote to Table 16.2
[3] See the third footnote to Table 16.1

16.11. Passenger transport, by type of journey and selected mode of transport

(mln.)

	2010	2011	2012	2013	2014	2015	2016	2017
Intercity transportation	**227**	**241**	**230**	**225**	**175**	**170**	**175**	**182**
rail (long-distance)[1]	62	64	59	56	39	40	43	46
sea (including commuter)	7	7	6	7	0	0	0	0
air[2]	6	8	8	8	6	6	8	10
bus[3]	148	156	151	148	130	124	124	126
trolley-bus	4	6	6	6	…	…	…	…
Intracity transportation	**5597**	**5729**	**5577**	**5407**	**4837**	**4186**	**3925**	**3954**
bus[3]	2923	2813	2664	2575	2244	1666	1494	1501
trolley-bus	1200	1340	1339	1300	1097	1081	1039	1058
tram	714	798	800	757	770	739	694	676
subway	760	778	774	775	726	700	698	719
Commuter transportation	**1021**	**1010**	**1006**	**990**	**890**	**811**	**754**	**512**
rail[4]	365	366	370	369	350	350	346	119
river	1	1	1	0	1	1	1	1
bus[3]	655	643	635	621	539	460	407	392

[1] See the first footnote to Table 16.1
[3] See the third footnote to Table 16.1
[3] See the second footnote to Table 16.2
[4] See the first footnote to Table 16.2

16.12. Rolling stock, by mode of transport and purpose

(end of year; units)

	2010	2011	2012	2013	2014	2015	2016	2017
Rail transport[1]								
diesel locomotives[2]	2539	2513	2424	2320	2152	2151	2151	1924
electric locomotives[2]	1861	1858	1824	1765	1720	1720	1720	1627
steam locomotives[2]	51	40	37	36	24	24	24	23
freight stock[3], thsd.	120,6	111,9	125,2	116,1	111,5[4]	107,9[4]	104,2[4]	104,1[4]
passenger stock[5], thsd.	7,3	7,1	6,8	6,2	5,4	5,2	4,5	4,5
River boats[6]	**2064**	**2040**	**2040**	**2040**	**1261**	**1321**	**1312**	**1401**
Sea crafts[6]	**1084**	**910**	**910**	**910**	**2414**	**2485**	**2491**	**3334**
Electric transport								
trolley-bus	3710	3714	3596	3570	3032	2792	2856	2730
tram-cars	2522	2412	2314	2277	2201	1961	1988	1971
transit vehicles	1119	1128	1136	1160	1190	1195	1195	1192
Airplanes and helicopters	**395**[7]	**350**[8]	**337**[8]	**269**[8]	**222**[8]	**196**[8]	**208**[8]	**200**[8]

[1] See the first footnote to Table 16.1
[2] Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2017 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions
[3] The inventory number of the public joint-stock company *Ukrainian rail* freight wagons, since 2012 including the number of the own wagons that belong to enterprises directly subordinated to the public joint-stock company *Ukrainian rail*
[4] Taking into account the temporarily occupied territory of the Autonomous Republic of Crimea, the city of Sevastopol and a part of the temporarily occupied territories in the Donesk and Luhansk regions
[5] Since 2014, excluding the temporarily occupied territory of the Autonomous Republic of Crimea and the city of Sevastopol, since 2016 also excluding a part of the temporarily occupied territories in the Donetsk and Luhansk regions
[6] Vessels of enterprises functioning in all economic industries, which not fit for service. Data on the availability of river and sea transport for 2010 – data for 2008, for 2012/2013 – data for 2011 (survey every three years), for 2014/2015 – river transport according to data from the *State Inspection of Ukraine on safety in maritime and river transport, sea transport* – according to data from the *State Inspection of Ukraine on safety in maritime and river transport* and the *State Agency for Fisheries of Ukraine*, since 2016 – river transport according to data from the *State Service of Ukraine on Transport Safety*, sea transport according to data from the *State Service of Ukraine on Transport Safety* and the *State Agency for Fisheries of Ukraine*
[7] According to data from the *Ministry of Infrastructure of Ukraine*
[8] See the third footnote to Table 16.1

16.13. Operational length of transport network

(thsd.km)

	2010	2011	2012	2013	2014	2015	2016	2017
Public railroads[1]	21,7	21,6	21,6	21,6	20,9	21,0	21,0	19,8
Public navigable river routes[2]	2,2	2,1	2,1	2,1	1,6	1,6	1,6	2,1
Public automobile roads[3]	169,5	169,6	169,7	169,6	163,0	163,0	163,0	163,1
including with hard coating	165,8	166,0	166,1	166,1	159,5	159,4	159,5	159,6
Trolley-bus routes (single-track)	4,4	4,4	4,4	4,4	3,6	3,3	3,3	3,4
Tram routes (single-track railroads)	2,0	2,0	1,9	1,9	1,8	1,6	1,6	1,6
Subways (double-track railroads), km	108,4	109,9	110,8	112,3	112,3	112,3	113,4	113,4

[1] See the first and second footnotes to Table 16.12
[2] For 2011–2016, according to data from the state enterprise *Ukrainian Wates Ways* and the *State Hydrographic Service of Ukraine*, since 2017 – according to data from the *State Hydrographic Service of Ukraine*
[3] According to data from the *State Highway Service of Ukraine*, since 2014 – excluding the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol

16.14. Traffic accidents on roads and streets

(source: the Ministry of Internal Affairs of Ukraine)

	2010	2011	2012	2013	2014	2015	2016	2017
Traffic accidents, thsd.	204,2	186,2	196,4	191,0	151,6	138,5	158,8	162,5
including those with victims	31,9	31,3	30,7	30,7	25,9	25,5	26,8	27,2
of which fatal accidents	4,2	4,3	4,5	4,3	…	3,6	3,0	…
Accident victims, thsd. persons	43,9	43,1	42,6	42,4	36,4	35,6	37,0	38,1
killed	4,9	4,9	5,1	4,8	4,4	4,0	3,4	3,4
injured	39,0	38,2	37,5	37,5	32,0	31,6	33,6	34,7
Traffic accidents in cities, towns and villages[1], thsd.	148,7	137,7	147,1	142,4	133,2	102,7	128,3	…
of which								
killed, thsd. persons	2,2	2,2	2,1	2,3	…	2,1	1,7	…
injured, thsd. persons	26,7	25,9	25,3	25,7	…	22,8	25,1	…

[1] Total road traffic accidents, i.e. including those that resulted in property damage without victims

16.15. Volume of the sold services in the sphere of telecommunications and postal communications

(at current prices including VAT; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**47417**	**50281**	**52271**	**52492**	**52434**	**55896**	**61921**	**65488**
by type of communication								
post	2941	3092	3274	3370	3216	3426	3998	3493
telegraph	46	38	38	28	23	16	12	8
telephone								
urban and rural	4234	4494	5320	6031	5851	5799	4778	4301
intercity (including international)	3962	3482	3019	2288	2207	2046	1740	1746
courier activity	307	364	358	338	307	604	825	1346
wire radio broadcasting	202	185	232	219	202	186	178	159
special and communication service	128	131	143	129	141	118	121	129
TV and radio broadcasting	1917	2093	2287	2298	2159	2431	2769	3045
of which cable TV	1356	1466	1550	1560	1449	1545	1630	1834
computer[1]	4237	4749	5402	5697	6190	7144	9112	10818
of which provision of Internet access	3805	4261	4673	4908	5349	6130	6656	7457
movable (mobile)	28835	31028	31554	31406	31566	33206	34077	35217
other type of communication	607	624	644	688	572	920	4311	5226

[1] Since 2016, Internet services

16.16. Volume of services sold to the population in the sphere of telecommunications and postal communications

(at current prices including VAT; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**18015**	**18449**	**33795**	**33899**	**32465**	**31887**	**33926**	**38023**
by type of communication								
post	578	594	590	609	596	835	1009	1262
telegraph	13	10	11	8	6	4	3	2
telephone								
urban and rural	2779	3039	3271	3381	3055	2973	2845	2449
intercity (including international)	1744	906	763	583	481	367	380	581
courier activity	7	9	5	9	10	207	36	72
wire radio broadcasting	167	152	193	183	170	154	146	131
TV and radio broadcasting	1341	1437	1518	1526	1416	1508	1858	2102
of which cable TV	1328	1425	1511	1521	1411	1501	1589	1792
computer[1]	2277	2646	2925	3285	3734	4126	6477	7419
of which provision of Internet access	2271	2641	2920	3275	3729	4122	4407	4863
mobile	9109	9656	24518	24314	22996	21673	21029	23444
other type of communication	0	0	0	1	1	40	144	561

[1] See the footnote to Table 16.15

16.17. Number of postal items

	2010	2011	2012	2013	2014	2015	2016	2017
Dispatched, mln.								
newspapers and magazines	1089	1006	1019	918	678	…	541	486
letters	311	320	387	310	256	190	368	355
telegrams	2	1	1	1	1	1	0,3	0,2
parcels	18	18	45	19	17	21	29	84
money transfers and pension payments	149	126	121	115	100	84	81	79
Per capita of present population								
dispatched, units								
letters	7	7	8	7	6	4	9	8
telegrams	0,04	0,03	0,02	0,02	0,01	0,01	0,01	0,01
parcels	0,4	0,4	1	0,4	0,4	0,5	0,7	2

16.18. Availability of telephones to households

(units)

	2010	2011	2012	2013	2014	2015	2016	2017
Private telephone lines (per 100 households)[1]	61	60	58	56	52	48	44	36
Payphones (per 100 thsd. population)[2]	60	50	22	18	15	16	14	13

[1] Including departmental, since 2016, including the telephone receivers with the use of wireless access
[2] Local, intercity, international and universal

17. FOREIGN ECONOMIC ACTIVITY

17.1. Foreign trade in goods, by country

(mln. USD)

	Exports				Imports			
	2010	2015	2016	2017	2010	2015	2016	2017
Total	**51405,2**	**38127,1**	**36361,7**	**43264,7**	**60742,2**	**37516,4**	**39249,8**	**49607,2**
of which								
Australia	23,6	10,7	12,8	14,9	246,6	159,3	109,2	136,7
Austria	508,0	347,2	361,3	535,2	697,6	369,6	465,1	484,5
Azerbaijan	610,8	318,8	248,0	354,7	951,2	30,3	39,7	417,3
Albania	48,3	24,9	25,8	19,5	0,7	2,9	3,8	5,7
Algeria	159,3	205,6	236,8	535,4	4,9	17,1	6,8	5,6
Angola	5,6	5,9	15,4	29,9	0,3	0,1	0,3	0,1
Argentina	39,8	9,6	1,9	9,2	106,1	52,6	66,4	64,3
Bangladesh	112,7	207,0	327,5	371,8	17,8	54,0	58,0	70,1
Belgium	356,9	296,8	251,5	456,2	588,3	366,8	450,2	523,0
Belarus	1899,2	870,7	903,2	1142,9	2567,6	2449,1	2777,8	3205,3
Bulgaria	450,6	419,5	418,2	429,9	218,0	253,1	172,9	189,9
Bosnia and Herzegovina	14,9	7,4	9,2	12,5	7,6	9,7	10,8	12,5
Brazil	359,9	33,5	20,5	9,5	459,7	166,1	193,1	210,4
United Kingdom	506,5	367,9	317,8	480,0	821,0	570,1	709,3	798,9
Vietnam	136,7	87,0	77,8	96,8	117,6	252,0	304,2	393,4
Armenia	201,3	101,6	88,9	105,1	17,9	7,4	8,2	10,9
Ghana	57,5	37,5	25,6	61,4	209,4	104,2	87,9	132,2
Guyana	0,2	—	0,1	0,8	44,8	55,2	40,3	61,0
Guatemala	7,2	6,5	0,4	0,6	7,2	89,0	76,8	71,5
Guinea	13,6	13,3	17,4	8,2	106,1	114,1	95,1	97,8
Hong Kong	26,3	15,4	49,0	54,1	30,6	12,2	17,6	29,1
Greece	164,0	153,8	159,1	196,8	104,1	238,6	233,6	244,3
Georgia	527,5	402,7	390,8	420,9	136,1	61,8	65,8	82,8
Denmark	124,5	144,7	155,5	189,5	240,5	147,6	184,2	195,4
Ecuador	11,8	1,8	2,9	0,4	161,2	119,4	117,2	86,9
Estonia	106,3	66,2	98,0	133,1	123,4	77,5	66,6	83,5

Table 17.1 continued

	Exports				Imports			
	2010	2015	2016	2017	2010	2015	2016	2017
Ethiopia	65,9	138,0	124,4	109,8	1,0	1,4	3,1	2,9
Egypt	1328,0	2079,8	2266,5	1831,3	84,2	55,6	48,7	77,0
Yemen	20,0	14,8	3,4	31,8	0,1	0,1	0,0	0,2
Israel	467,6	597,1	488,6	604,6	91,5	169,9	184,8	167,9
India	1426,0	1444,1	1903,1	2205,7	680,7	443,7	486,1	561,3
Indonesia	352,6	185,9	366,4	397,4	408,6	168,8	226,7	260,7
Iraq	345,0	472,5	374,4	479,2	0,5	0,0	—	0,2
Iran, Islamic Republic of	1030,7	533,6	705,2	552,6	49,9	30,5	40,0	70,1
Ireland	4,5	59,2	45,5	55,3	112,1	75,4	84,7	113,9
Iceland	0,1	0,3	0,6	0,6	51,9	31,2	64,3	73,0
Spain	411,7	1043,6	1004,5	1260,1	468,6	440,8	500,9	579,0
Italy	2412,4	1979,8	1929,6	2469,5	1390,3	976,3	1358,2	1625,0
Jordan	518,5	135,8	144,5	153,8	21,1	4,8	9,1	9,3
Kazakhstan	1300,4	712,7	400,1	372,1	766,2	377,6	434,3	318,0
Canada	73,3	30,2	28,9	50,4	160,2	206,3	217,3	299,2
Qatar	13,2	16,0	12,4	42,3	2,9	8,4	26,3	11,2
Kenya	99,5	49,9	32,0	79,5	6,9	6,0	6,5	8,0
Kyrgyzstan	75,0	75,5	40,4	34,3	6,2	5,8	1,8	3,0
China	1316,6	2399,1	1832,5	2039,3	4700,4	3771,0	4687,7	5648,7
Cyprus	175,4	61,5	53,5	79,6	90,5	16,9	22,1	20,5
The former Yugoslav Republic of Macedonia	96,0	12,9	25,9	30,7	26,3	12,2	11,7	11,9
Colombia	16,1	23,0	40,7	33,1	13,4	25,6	10,4	33,6
Korea, Democratic People's Republic	2,7	33,7	7,6	2,4	2,5	2,0	3,8	0,8
Korea, Republic of	498,0	395,4	413,7	308,6	786,0	256,4	255,3	321,6
Costa Rica	0,3	8,5	21,1	24,9	15,6	14,4	19,6	41,2
Cote-d'Ivoire	44,6	23,8	10,2	67,5	135,4	39,6	36,8	47,9
Cuba	12,9	36,4	7,4	10,7	13,0	1,2	1,0	1,0
Kuwait	22,7	6,9	17,6	20,3	0,3	0,0	0,0	1,7
Latvia	180,2	150,3	138,2	213,7	88,1	87,1	112,5	144,3

Table 17.1 continued

	Exports				Imports			
	2010	2015	2016	2017	2010	2015	2016	2017
Lithuania	264,4	236,3	258,2	374,2	637,5	552,6	492,5	679,8
Liberia	2,8	4,2	3,0	21,8	4,3	0,5	3,3	1,5
Lebanon	1031,9	300,1	338,5	427,0	4,2	1,3	1,1	2,3
Libya	201,5	182,7	247,8	207,0	0,3	0,0	—	0,1
Luxembourg	4,5	5,9	5,1	7,3	29,1	57,7	61,5	62,7
Mauritania	11,8	23,5	13,6	67,1	6,2	4,0	4,2	3,6
Malawi	—	1,0	0,2	0,1	21,3	15,6	25,8	26,3
Malaysia	96,9	159,6	126,2	130,7	171,0	132,1	167,5	189,9
Malta	49,6	12,2	7,7	66,2	13,4	16,4	11,5	8,7
Morocco	103,5	212,5	247,3	221,3	9,2	28,5	33,4	39,1
Mexico	200,1	118,2	136,5	129,2	63,4	61,7	98,7	137,1
Mozambique	6,9	12,8	2,8	2,3	6,1	18,1	10,5	12,9
Moldova, Republic of	713,5	524,3	481,1	707,6	73,6	41,2	47,6	106,7
Mongolia	33,3	28,2	24,6	22,3	11,1	0,9	1,2	1,2
Myanmar	16,8	12,1	62,0	44,4	0,7	0,9	1,2	2,6
Nigeria	245,3	120,9	104,2	94,7	13,6	2,3	0,7	0,9
Netherlands	563,2	905,7	995,3	1676,1	837,9	452,6	546,8	643,7
Germany	1499,5	1328,7	1423,7	1754,2	4605,3	3975,6	4318,4	5445,0
New Zealand	3,2	1,9	2,6	2,0	13,8	10,0	10,9	13,1
Norway	84,1	12,8	15,3	19,3	261,3	741,7	163,0	216,9
United Arab Emirates	275,2	301,8	277,6	384,5	50,9	57,6	63,3	59,4
Oman	15,6	28,0	51,9	34,0	0,3	5,9	1,7	5,2
Pakistan	113,0	111,0	114,3	164,4	55,2	61,3	47,6	56,7
Panama	27,4	9,9	13,9	28,1	6,2	11,8	2,4	1,3
Peru	16,7	3,4	9,5	21,8	3,5	5,0	4,6	5,9
South Africa	27,6	54,4	60,0	78,5	158,0	151,1	117,7	171,3
Poland	1787,2	1977,3	2200,0	2724,6	2788,8	2324,0	2693,3	3453,8
Portugal	121,8	320,5	228,1	264,1	51,5	45,2	50,6	59,2
Russian Federation	13428,1	4827,7	3592,9	3936,5	22198,0	7492,7	5149,3	7204,0
Romania	705,8	569,9	717,0	841,6	682,2	318,2	380,7	458,0
Saudi Arabia	644,5	761,6	592,9	517,2	37,4	145,0	139,4	182,9

Table 17.1 continued

	Exports				Imports			
	2010	2015	2016	2017	2010	2015	2016	2017
Senegal	59,3	53,2	64,5	93,8	0,4	0,2	0,7	1,2
Serbia	199,0	105,9	156,1	170,9	75,7	83,3	106,5	132,4
Syrian Arab Republic	646,8	132,8	43,2	8,5	44,6	4,8	0,6	0,8
Singapore	147,2	5,2	21,6	65,0	23,9	21,3	21,6	28,6
Slovakia	568,2	468,5	471,4	656,0	442,6	346,3	434,9	508,7
Slovenia	11,6	16,3	16,8	29,2	212,6	128,9	137,3	173,8
Somalia	0,2	0,6	13,1	29,0	—	0,0	0,2	0,2
Sudan	96,5	75,2	34,4	72,1	0,2	0,2	1,0	0,2
USA	807,3	481,8	426,6	828,1	1766,8	1480,7	1687,9	2524,6
Tajikistan	74,7	30,0	25,4	34,1	3,5	2,8	1,2	0,7
Thailand	432,6	334,9	413,5	249,1	162,8	120,6	172,5	194,5
Taiwan, Province of China	80,0	41,5	54,3	49,2	141,2	141,3	189,9	221,3
Tanzania, United Republic of	14,5	13,9	2,1	2,7	5,5	11,3	11,6	15,9
Tunisia	232,0	333,5	235,8	289,6	3,6	8,5	13,9	12,7
Turkey	3024,0	2771,8	2049,1	2519,1	1298,3	851,7	1098,6	1262,5
Turkmenistan	208,9	170,3	109,0	62,1	31,4	16,3	34,3	89,3
Uganda	27,3	6,3	2,9	3,7	3,6	3,4	4,7	4,1
Hungary	860,1	909,7	1053,1	1326,4	1214,6	1608,5	802,0	1152,3
Uzbekistan	228,5	174,5	142,4	167,1	81,7	62,3	71,1	122,7
Philippines	31,6	107,4	143,4	159,9	23,0	17,4	26,5	43,2
Finland	34,1	48,0	62,4	78,8	429,8	223,0	216,8	253,3
France	476,9	497,9	453,7	419,1	1106,7	892,8	1530,5	1563,8
Croatia	33,4	26,1	39,1	24,2	50,2	15,1	29,7	31,1
Czech Republic	626,2	541,0	560,8	715,2	747,9	479,7	654,8	869,5
Chile	1,8	2,3	3,9	3,8	37,1	25,9	33,9	38,2
Switzerland	472,2	123,2	105,9	182,3	508,2	457,7	983,8	1682,2
Sweden	77,8	60,6	71,3	77,4	358,8	273,5	419,0	433,5
Sri Lanka	9,4	4,2	80,3	65,3	54,8	27,9	32,6	37,4
Japan	104,8	235,6	185,2	217,9	801,7	382,2	551,8	723,5

17.2. Exports/imports of goods in 2017, by region

	Exports			Imports		
	number of enterprises	value, mln. USD	percentage of total	number of enterprises	value, mln. USD	percentage of total
Ukraine	**16475**	**43264,7**	**100,0**	**27113**	**49607,2**[1]	**100,0**
Autonomous Republic of Crimea	…	…	…	…	…	…
oblasts						
Vinnytsya	532	1217,7	2,8	513	407,0	0,8
Volyn	400	689,3	1,6	579	1335,0	2,7
Dnipropetrovsk	1233	7052,8	16,3	2248	4609,6	9,3
Donetsk	333	4432,6	10,2	384	2033,9	4,1
Zhytomyr	596	589,7	1,4	478	449,9	0,9
Zakarpattya	488	1446,4	3,3	573	1341,7	2,7
Zaporizhzhya	624	2980,9	6,9	730	1328,2	2,7
Ivano-Frankivsk	407	665,4	1,5	442	637,2	1,3
Kyiv	949	1748,4	4,0	1672	3404,1	6,9
Kirovohrad	322	415,6	1,0	266	236,1	0,5
Luhansk	89	233,9	0,5	108	273,2	0,6
Lviv	961	1585,2	3,7	1943	2180,4	4,4
Mykolayiv	387	1900,6	4,4	358	781,7	1,6
Odesa	972	1813,9	4,2	1546	1427,9	2,9
Poltava	386	1864,5	4,3	509	1149,7	2,3
Rivne	338	383,3	0,9	430	341,2	0,7
Sumy	374	672,7	1,6	275	551,1	1,1
Ternopil	215	380,2	0,9	346	351,7	0,7
Kharkiv	1244	1191,5	2,8	1870	1619,4	3,3
Kherson	269	289,2	0,7	262	201,4	0,4
Khmelnytskiy	338	467,6	1,1	430	414,3	0,8
Cherkasy	403	617,8	1,4	439	403,2	0,8
Chernivtsi	255	149,8	0,3	266	113,2	0,2
Chernihiv	454	625,1	1,4	304	445,1	0,9
cities						
Kyiv	3899	9738,3	22,5	10126	19848,6	40,0
Sevastopol	…	…	…	…	…	…

[1] Including crude oil supply and natural gas non-distributed

17.3. Commodity structure of foreign trade in 2017

(mln. USD)

	Exports		Imports	
	total	share of total exports, percent	total	share of total exports, percent
Total	**43264,7**	**100,0**	**49607,2**	**100,0**
including by UCCFT[1] category				
livestock and products of cattle farming	1108,8	2,6	731,5	1,5
products of plant-growing industry	9215,7	21,3	1368,0	2,8
animal and vegetable oils and fats	4605,7	10,6	266,6	0,5
finished foodstuffs	2826,7	6,5	1935,0	3,9
mineral products	3947,7	9,1	12504,7	25,2
products of chemical industry and other industries related to chemical	1660,6	3,8	6545,9	13,2
polymeric materials, plastic and similar	561,1	1,3	3245,8	6,5
raw leather, cleansed leather	152,0	0,4	251,3	0,5
wood and wood products	1205,9	2,8	250,5	0,5
wood mass or mass of other fibrous cellulosic materials	518,0	1,2	955,0	1,9
textiles and textile products	759,5	1,8	1738,7	3,5
footwear, head-dress and umbrellas	180,4	0,4	267,1	0,5
articles of stone, plaster, cement	363,9	0,8	651,4	1,3
natural or cultured pearls, precious or semiprecious stones	103,6	0,2	54,6	0,1
non-precious metals and articles thereof	10124,6	23,4	3012,8	6,1
machines, equipment and machinery; electrotechnical equipment	4276,8	9,9	9902,6	20,0
vehicles for land transport, flying devices, floating crafts	625,9	1,4	4182,1	8,4
optical and photographic devices and instruments	151,6	0,4	783,0	1,6
miscellaneous manufactured goods	721,1	1,7	719,9	1,5
art products	0,2	0,0	0,8	0,0
goods purchased at ports	5,1	0,0	200,0	0,4

[1] *The Ukraine Classification of Commodities in Foreign Trade*

17.4. Exports/imports of goods for processing, by country

(thsd. USD)

	Exports			Imports		
	2010	2016	2017	2010	2016	2017
Total	**60718,0**	**42050,5**	**83705,7**	**3151515,8**	**2488416,7**	**2987158,0**
including						
Australia	—	—	7,0	84,3	1556,5	10062,9
Austria	—	589,9	2056,2	59212,0	41310,8	47553,4
Belgium	1418,3	25,2	41,4	39264,4	23941,7	25100,4
Belarus	205,2	173,9	393,5	2252,0	543,6	766,8
Bulgaria	—	—	—	859,4	1437,7	2219,5
Brazil	—	—	—	20635,1	26568,0	38368,1
United Kingdom	6169,8	1667,4	1172,6	18819,9	21459,1	26215,6
Vietnam	—	—	—	762,2	773,5	1202,8
Guyana	—	—	—	28635,7	40166,2	60992,9
Guatemala	—	—	—	—	69980,5	64180,0
Guinea	—	—	—	70012,1	89408,4	92955,2
Hong Kong	—	3,9	11,7	4904,6	2358,0	2904,7
Denmark	—	—	—	9836,4	21221,1	22558,6
Estonia	—	—	—	6061,9	1721,9	2722,4
India	—	—	—	4789,2	13765,6	24484,3
Indonesia	—	—	—	81066,7	3765,7	5679,2
Spain	—	27,9	87,0	13419,5	18721,8	19485,0
Italy	1447,6	6,3	181,9	156062,8	176506,1	198804,6
Kazakhstan	—	—	—	16436,1	577,7	2539,1
Canada	—	0,5	1,1	1318,6	2391,5	654,4
China	242,5	114,0	—	35539,9	198048,6	246630,0
Korea, Republic of	89,2	—	—	14744,4	12894,4	19100,2
Latvia	—	—	—	24136,4	8054,3	7676,4
Lithuania	—	87,3	44,1	7041,4	4489,7	4755,3
Malaysia	—	—	—	1319,5	23240,2	23232,3
Malta	—	—	—	87,5	5899,1	3099,3
Morocco	—	—	—	659,4	3832,2	3670,4
Mexico	—	—	—	2771,8	7333,6	9910,7

Table 17.4 continued

	Exports			Imports		
	2010	2016	2017	2010	2016	2017
Moldova, Republic of	153,8	18,0	106,9	775,1	765,7	1314,3
Netherlands	270,5	12,3	17,9	35758,3	25496,7	20172,0
Germany	20201,8	6189,8	6517,2	361692,6	397885,0	444361,5
Norway	—	—	—	6049,2	1092,2	12742,1
Pakistan	—	—	—	1007,1	2374,9	2163,0
South Africa	—	—	—	16,2	6273,7	16614,8
Poland	838,7	21,1	56,0	143737,4	343958,4	444569,7
Portugal	—	2,3	—	12775,5	14915,2	14135,5
Russian Federation	4494,3	82,3	66,6	1394055,1	38926,4	37338,7
Romania	—	—	40,4	30679,8	65605,9	97138,3
Saudi Arabia	—	—	—	6428,4	6706,1	9636,1
Singapore	—	—	—	2671,2	3384,9	4989,3
Slovakia	—	—	—	11610,6	17436,0	19405,5
Slovenia	—	5,4	2,0	1932,1	4450,0	4544,3
USA	—	69,8	44,8	43350,0	31132,6	45834,1
Sierra Leone	—	—	—	—	5245,0	12330,8
Thailand	—	—	—	1495,6	20098,3	17433,9
Taiwan, Province of China	—	—	—	7485,1	48853,4	59829,2
Tunisia	123,1	—	—	578,9	8490,0	5918,3
Turkey	—	21,3	142,8	42826,0	43071,2	51879,3
Hungary	479,7	41,8	45,2	204685,0	300023,4	372664,6
Uruguay	—	—	—	29,4	1728,9	5182,4
Philippines	—	—	—	807,7	6796,8	16810,5
Finland	683,9	197,5	246,0	45472,4	15503,4	33728,0
France	131,1	56,4	17,3	35563,3	40812,6	42401,0
Czech Republic	883,2	—	—	46726,4	88149,5	98816,3
Switzerland	20832,7	32439,6	71724,7	22896,0	37540,3	51782,8
Sweden	—	21,5	—	45024,2	36934,1	9197,9
Japan	—	77,2	528,2	8388,0	29479,2	31976,1

17.5. Foreign trade in services, by country

(mln. USD)

	Exports				Imports			
	2010[1]	2015	2016	2017	2010[1]	2015	2016	2017
Total	**12324,2**	**9736,6**	**9868,0**	**10714,4**	**5467,2**	**5523,0**	**5326,5**	**5476,1**
including								
Austria	182,8	145,5	138,3	161,6	144,0	93,1	111,4	109,1
Azerbaijan	25,3	31,3	28,2	30,7	13,1	10,2	4,8	5,5
Algeria	1,7	17,3	11,7	15,7	2,9	2,9	2,2	2,6
Bahamas	18,2	13,1	11,5	10,7	2,8	0,1	0,1	0,1
Belize	53,0	29,3	27,3	22,4	16,5	9,8	6,8	1,9
Belgium	239,4	52,6	59,8	62,3	63,9	49,4	67,0	79,4
Belarus	131,8	77,1	89,1	112,3	63,3	80,9	76,1	99,8
Bulgaria	30,1	43,6	26,9	19,1	17,5	19,2	21,2	12,0
United Kingdom	557,8	553,3	462,9	585,1	598,8	717,1	563,1	487,2
Virgin Islands, British	203,2	175,5	174,8	134,9	92,0	42,2	15,6	1,2
Armenia	12,8	11,9	12,9	13,1	6,6	3,9	7,7	1,6
Hong Kong	17,9	31,2	40,3	50,1	7,5	14,7	4,5	12,2
Greece	80,7	30,3	27,5	25,4	23,9	24,4	21,0	26,7
Georgia	54,1	39,1	46,9	34,7	17,7	11,8	24,1	31,5
Gibraltar	5,6	16,2	12,0	10,8	0,3	0,0	0,0	0,0
Denmark	87,2	112,4	98,4	121,5	17,5	32,2	37,3	41,1
Estonia	114,0	114,6	145,7	128,9	12,1	30,0	48,9	67,8
Egypt	48,5	43,6	39,4	58,4	32,2	26,4	27,8	65,0
Izrael	64,5	144,5	168,4	189,4	28,7	24,2	19,6	25,1
India	31,2	45,6	53,8	73,6	4,7	13,1	9,8	18,4
Iraq	8,6	12,6	6,2	6,7	1,2	1,2	2,2	4,6
Iran, Islamic Republic of	12,9	6,5	7,5	10,0	2,8	1,6	1,6	1,2
Ireland	48,4	26,9	32,0	56,1	10,2	49,5	75,8	102,2
Spain	30,2	27,6	45,1	69,3	17,3	29,9	25,7	26,5
Italy	127,2	133,3	119,8	128,5	35,2	34,8	31,6	43,9
Jordan	8,9	11,4	11,8	9,9	1,0	2,7	1,3	1,1
Kazakhstan	83,7	65,7	81,7	74,2	22,1	14,0	11,9	18,3
Canada	101,9	71,0	76,7	92,2	38,5	43,8	40,0	53,9
China	73,9	40,6	60,1	75,4	17,5	128,4	96,1	165,1
Cyprus	418,7	251,2	239,0	275,4	817,6	287,7	250,0	231,9
Korea, Republic of	12,4	43,6	41,7	36,7	6,4	18,3	16,9	35,9
Latvia	31,7	75,7	71,0	73,2	32,0	36,0	44,4	35,7
Lithuania	36,8	33,7	35,7	43,1	16,2	14,5	16,1	19,9
Liberia	42,8	23,7	14,6	17,8	0,2	0,0	0,0	0,0
Lebanon	13,8	25,1	21,2	10,4	3,4	1,7	1,8	3,3
Luxembourg	5,0	5,2	8,0	12,6	5,9	83,3	5,9	88,0
Malaysia	11,2	11,8	10,8	8,9	0,6	0,7	3,1	7,2
Malta	93,1	106,2	102,5	94,2	2,3	77,3	84,9	104,2

Table 17.5 continued

	Exports				Imports			
	2010[1]	2015	2016	2017	2010[1]	2015	2016	2017
Morocco	2,7	7,7	9,6	13,1	0,5	0,4	0,5	0,5
Marshall Island	25,2	80,6	28,0	23,6	0,1	0,4	0,1	0,0
Moldova, Republic of	67,1	40,0	76,1	40,6	29,1	32,2	26,1	31,9
Nigeria	8,5	12,6	10,8	10,4	0,7	0,9	0,9	1,0
Netherlands	103,2	111,8	145,9	170,5	125,1	140,7	108,0	119,4
Germany	337,2	452,0	488,4	538,7	353,4	538,5	364,1	357,8
Norway	41,3	22,7	21,5	26,8	10,5	42,2	24,8	26,9
United Arab Emirates	69,4	204,7	170,7	223,3	49,9	89,3	102,6	125,5
Isle of Men	13,0	16,3	3,8	26,2	0,0	0,0	0,1	0,0
Panama	168,3	131,7	77,9	51,0	30,0	14,9	8,5	5,8
Poland	93,1	181,9	220,6	296,3	141,2	98,7	138,6	150,2
Portugal	10,9	5,8	4,4	6,3	54,1	8,3	11,0	10,1
Russian Federation	5157,1	3039,8	3077,4	3416,4	793,5	653,9	499,9	429,3
Romania	21,6	43,3	57,6	71,5	11,2	9,0	9,2	26,6
Saudi Arabia	1,8	18,5	21,3	23,1	0,6	0,7	0,9	2,9
Seychelles	11,8	13,8	16,0	11,0	0,5	1,9	1,0	1,5
Serbia	12,1	12,2	12,5	13,5	7,2	1,2	1,2	2,4
Singapore	17,7	16,0	22,3	22,6	5,6	9,1	20,3	16,5
Slovakia	50,6	26,8	27,1	40,9	18,2	101,8	109,2	108,3
Slovenia	5,8	21,0	15,3	19,5	3,9	5,9	5,4	6,5
USA	596,9	666,4	717,3	848,2	379,4	487,2	693,6	645,0
Tajikistan	3,5	6,8	6,7	10,4	0,4	1,3	0,9	1,2
Thailand	18,3	18,1	18,7	19,4	17,6	7,4	4,5	7,3
Turkey	154,6	163,3	177,3	173,1	224,7	195,3	288,6	356,8
Turkmenistan	111,5	262,8	348,3	55,4	7,2	39,6	40,5	56,2
Hungary	223,9	92,3	113,3	147,2	52,3	50,0	51,7	35,5
Uzbekistan	13,6	7,1	5,5	9,0	3,2	2,6	4,0	5,2
Finland	48,1	24,5	19,2	19,9	22,0	21,2	21,8	24,4
France	123,6	108,3	118,5	117,9	230,2	112,0	91,5	83,9
Croatia	6,1	2,9	1,7	3,0	5,9	2,8	4,7	13,5
Czech Republic	43,1	64,6	57,9	71,2	38,6	34,6	55,2	65,2
Switzerland	431,2	770,2	676,7	757,7	178,6	234,6	191,2	219,1
Sweden	44,6	80,7	122,5	93,5	158,9	48,3	47,0	55,4
Sri Lanka	1,6	0,4	2,6	13,5	0,9	14,0	8,9	8,1
Japan	14,6	7,0	6,8	8,5	6,1	14,0	20,0	14,1

[1] The general volumes have been updated in accordance with the Technique for retrospective calculation of value of services for processing in external economic activity (SSSU decree № 419 dated on December 31, 2014) excluding the breakdown by geographical structure

17.6. Exports/imports of services in 2017, by region

	Exports			Imports		
	total enterprises	value, mln. USD	percentage of total	total enterprises	value, mln. USD	percentage of total
Ukraine[1]	**6903**	**10714,4**	**100,0**	**5123**	**5476,1**	**100,0**
Autonomous Republic of Crimea	…	…	…	…	…	…
oblasts						
Vinnytsya	94	78,8	0,7	70	13,0	0,2
Volyn	109	63,4	0,6	187	24,9	0,5
Dnipropetrovsk	234	125,0	1,2	248	228,9	4,2
Donetsk	104	126,3	1,2	89	199,6	3,6
Zhytomyr	85	53,7	0,5	65	13,0	0,2
Zakarpattya	199	256,9	2,4	106	21,9	0,4
Zaporizhzhya	137	171,8	1,6	97	52,2	1,0
Ivano-Frankivsk	84	54,7	0,5	69	16,0	0,3
Kyiv	287	261,9	2,4	256	158,5	2,9
Kirovohrad	29	23,1	0,2	43	15,8	0,3
Luhansk	34	29,6	0,3	40	38,3	0,7
Lviv	540	471,1	4,4	308	59,8	1,1
Mykolayiv	122	456,1	4,3	66	33,5	0,6
Odesa	811	778,5	7,3	401	192,5	3,5
Poltava	133	35,2	0,3	193	141,7	2,6
Rivne	83	36,2	0,3	95	18,3	0,3
Sumy	58	39,6	0,4	55	34,9	0,6
Ternopil	47	57,8	0,5	53	8,7	0,2
Kharkiv	511	300,8	2,8	246	45,7	0,8
Kherson	104	31,7	0,3	44	9,4	0,2
Khmelnytskiy	66	26,8	0,2	97	13,5	0,2
Cherkasy	91	27,2	0,3	90	14,9	0,3
Chernivtsi	53	25,0	0,2	25	1,9	0,0
Chernihiv	84	26,0	0,2	64	20,0	0,4
cities						
Kyiv	2783	3050,3	28,5	2050	2511,3	45,9
Sevastopol	…	…	…	…	…	…

[1] Including the undistributed services by region

17.7. Structure of exports/imports of services in 2017

	Exports		Imports	
	mln. USD	percentage of total, section	mln. USD	percentage of total, section
Total	**10714,4**	**100,0**	**5476,1**	**100,0**
Services for the processing of material resources	1419,7	13,3	2,7	0,0
services for the processing of goods to be sold in the domestic economy	20,2	1,4	0,0	1,2
services for the processing of goods to be sold abroad	1399,5	98,6	2,7	98,8
Services for repair and technical maintenance not related to other categories	244,0	2,3	71,6	1,3
Transport services	5861,4	54,7	1213,1	22,2
sea transport services	612,1	10,4	222,8	18,4
river transport services	23,4	0,4	0,6	0,1
air transport services	1091,8	18,6	452,4	37,3
rail transport services	580,9	9,9	297,7	24,5
motor transport services	273,8	4,7	132,8	10,9
pipe transport services	2998,2	51,2	79,7	6,6
other auxiliary and additional transport services	239,9	4,1	16,6	1,4
mail and courier services	30,6	0,5	10,5	0,9
Services connected with travels	242,7	2,3	795,0	14,5
Services for construction	102,3	1,0	106,7	1,9
Services for insurance	39,8	0,4	128,5	2,3
Services connected with financial activity	74,2	0,7	424,5	7,8
Royalties and other services connected with usage of intellectual property	29,1	0,3	406,2	7,4
Services in the sphere of telecommunications, computer and information services	1760,8	16,4	424,0	7,7
telecommunications services	190,5	10,8	135,1	31,9
computer services	1311,8	74,5	200,2	47,2
information services	258,5	14,7	88,6	20,9
Business services	921,8	8,6	828,2	15,1
R&D services	125,1	13,6	26,3	3,2
professional and consulting services	399,1	43,3	384,8	46,5
scientific and technical services	201,9	21,9	78,6	9,5
services for treatment and depollution	—	—	104,6	12,6
agriculture and mining services	15,0	1,6	39,5	4,8
services for operational leasing	33,2	3,6	116,6	14,1
services related to trade and intermediary services	82,2	8,9	34,4	4,2
other business services	65,4	7,1	43,5	5,3
Services rendered to individual persons, cultural and recreation services	14,7	0,1	20,6	0,4
State and government services	3,8	0,0	1055,3	19,3

17.8. Direct investment in Ukraine in 2017[1]

(mln. USD)

	Total	Of which, from	
		EU countries	other countries
Direct investment of non-residents in Ukraine (paid-in capital and dept instruments), as of January 1	**45080,5**	**32849,1**	**12231,4**
Capital paid-in of non-residents, as of January 1	**37513,6**	**26203,6**	**11310,0**
Equity capital of non-residents inflow	1871,2	1244,0	627,2
Equity capital of non-residents outflow	–535,5	–400,3	–135,2
Other changes in equity capital of non-residents valuation (revaluation, loss, reclassification of investment, etc)	294,7	418,2	–123,5
of which			
difference in exchange rates	423,4	496,5	–73,1
Paid-in capital of non-residents, as of December 31	**39144,0**	**27465,5**	**11678,5**
Direct investment of non-residents of Ukraine (paid-in capital and dept instruments), as of December 31	**47593,1**	**34518,9**	**13074,2**

[1] Here and elsewhere (Tables 17.9–17.14) data on direct investment are compiled on the basis of information obtained from resident-legal persons and permanent representative offices of non-residents in Ukraine and are adjusted to the difference between the market value of shares, property, etc (according to administrative data from the National Bank of Ukraine) and their nominal value

17.9. Direct investment (paid-in capital) to Ukraine, by country

(mln. USD)

	Volume of direct investment as of January 1							As of December 31, 2017
	2011	2012	2013	2014	2015	2016	2017	
Total	**46293,5**	**49494,4**	**53178,1**	**53704,0**	**40725,4**	**36154,5**	**37513,6**	**39144,0**
Cyprus	9799,4	13026,9	16478,1	17725,6	12769,4	10239,5	9690,1	10008,6
Netherlands	11396,6	9330,6	8733,7	9007,5	6986,7	6184,7	5948,4	6292,9
Russian Federation	3015,7	3222,5	3415,1	3525,9	2338,9	3036,9	4317,4	4598,4
United Kingdom	2287,1	2593,4	2553,6	2768,2	2153,4	1790,3	2008,7	2169,0
Germany	5080,0	5383,4	4549,4	2908,4	2105,2	1598,2	1584,6	1792,6
Virgin Islands, British	1451,5	1666,0	2007,6	2275,9	1988,3	1715,0	1683,1	1601,8
Switzerland	862,3	947,7	1105,9	1351,0	1391,5	1390,8	1451,9	1537,6
France	2131,7	2024,0	1546,2	1520,5	1394,6	1305,4	1294,5	1346,6
Austria	1812,9	2509,4	2493,2	2314,0	1648,7	1559,8	1268,2	1265,9
Luxembourg	441,7	495,2	566,1	555,8	398,8	363,9	964,2	942,3
Poland	913,2	834,5	897,4	819,8	808,6	758,3	764,4	815,5
Hungary	700,5	681,4	685,8	685,9	593,2	614,9	770,1	796,0
Belize	139,7	159,7	852,0	1026,6	652,5	535,1	604,2	600,6
USA	1134,8	1000,7	1013,9	934,7	701,6	634,1	576,0	538,7
Other countries	5126,4	5619,0	6280,1	6284,2	4794,0	4427,6	4587,8	4837,5

17.10. Direct investment (paid-in capital) in Ukraine in 2017, by type of economic activity

(mln. USD)

	As of January 1	As of December 31
Total	**37513,6**	**39144,0**
Agriculture, forestry and fishing	586,2	621,9
Industry	9667,6	10685,6
Mining and quarrying	1521,3	1760,4
Manufacturing	7523,9	8077,7
Manufacturing of food products, beverages and tobacco products	2530,5	2785,1
Manufacture of textiles, apparel, leather and related products	112,8	121,3
Manufacture of wood and paper products, and printing	444,4	516,9
Manufacture of coke, and refined petroleum products	176,5	175,0
Manufacture of chemicals and chemicals products	646,4	683,8
Manufacture of pharmaceuticals, medicinal chemical and botanical products	38,8	38,2
Manufacture of rubber and plastics products, and other non-metallic mineral products	967,0	1011,3
Manufacture of basic metals and fabricated metal products, except machinery and equipment	1560,8	1645,6
Machine-building, except machinery and equipment	771,0	826,8
Other manufacturing, and repair and installation of machinery and equipment	275,6	273,6
Electricity, gas, steam and air-conditioning supply	556,5	777,2
Water supply, sewerage, waste management and remediation	65,9	70,3
Construction	1043,3	1052,1
Wholesale and retail trade; repair of vehicles and motorcycles	5106,5	5140,8
Transportation and storage, postal and courier activities	1086,0	1164,4
Accommodation and food service activities	330,0	339,6
Information and communication	2075,7	2163,6
Financial and insurance activities	9910,7	10213,3
Real estate activities	3764,4	3790,6
Professional, scientific and technical activities	2253,5	2303,6
Administrative and support service activities	1507,3	1486,3
Public administration and defence, compulsory social security	…[1]	…[1]
Education	21,8	21,7
Human health and social work activities	44,5	46,2
Arts, entertainment and recreation	100,7	98,3
Other services	…[1]	…[1]

[1] 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

17.11. Direct investment (paid-in capital) in 2017, by region

(mln. USD)

	Inward		Outward	
	as of January 1	as of December 31	as of January 1	as of December 31
Ukraine	**37513,6**	**39144,0**	**6346,3**	**6339,8**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	180,0	203,4	0,1	0,1
Volyn	249,4	265,4	—	—
Dnipropetrovsk	3491,1	3815,5	18,9	21,1
Donetsk	1249,6	1216,0	5938,1	5943,7
Zhytomyr	216,3	230,0	…[1]	…[1]
Zakarpattya	317,0	328,4	…[1]	…[1]
Zaporizhzhya	859,1	915,7	28,9	30,1
Ivano-Frankivsk	826,6	908,6	…[1]	…[1]
Kyiv	1516,8	1565,1	8,5	8,5
Kirovohrad	58,9	68,3	…[1]	…[1]
Luhansk	436,4	441,5	…[1]	…[1]
Lviv	1111,4	1187,7	15,4	10,3
Mykolayiv	213,5	209,3	0,8	0,8
Odesa	1330,4	1363,2	19,0	20,1
Poltava	1003,0	1049,0	0,1	0,4
Rivne	159,5	169,3	…[1]	…[1]
Sumy	190,0	186,8	3,1	3,1
Ternopil	48,2	45,0	…[1]	…[1]
Kharkiv	639,0	658,2	11,7	12,5
Kherson	201,3	216,9	0,1	0,1
Khmelnytskiy	158,2	172,0	…[1]	…[1]
Cherkasy	334,4	337,8	…[1]	…[1]
Chernivtsi	57,1	57,7	…[1]	…[1]
Chernihiv	241,3	429,7	—	—
cities				
Kyiv	22425,1	23103,4	283,4	270,2
Sevastopol	…	…	…	…

[1] See the footnote to Table 17.10

17.12. Direct Ukrainian investment abroad in 2017

(mln. USD)

	Total	Of which, to	
		EU countries	other countries
Direct investment of residents in economies of the world (paid-in capital and dept instruments), as of January 1	**6576,0**	**6339,2**	**236,8**
Capital paid-in of residents of the world, as of January 1	**6346,3**	**6115,1**	**231,2**
Equity capital of residents inflow	10,4	2,1	8,3
Equity capital of residents outflow	–8,4	–8,4	0,0
Other changes in equity capital of residents valuation (revaluation, loss, reclassification of investment, etc)	–8,5	–17,2	8,7
of which			
difference in exchange rates	32,1	21,2	10,9
Paid-in capital of residents in economies of the world, as of December 31	**6339,8**	**6091,6**	**248,2**
Direct investment of residents in economies of the world (paid-in capital and dept instruments), as of December 31	**6579,8**	**6325,5**	**254,3**

17.13. Direct Ukrainian investment (paid-in capital) abroad, by country

(mln. USD)

	Volume of direct investment, as of January 1							As of December 31, 2017
	2011	2012	2013	2014	2015	2016	2017	
Total	**6424,8**	**6456,2**	**6588,7**	**6702,9**	**6456,2**	**6315,2**	**6346,3**	**6339,8**
Cyprus	5900,1	5899,7	5917,6	5925,1	5926,1	5923,7	5930,5	5932,5
Russian Federation	190,3	236,6	292,6	377,9	196,4	122,8	144,1	151,0
Latvia	87,9	80,4	95,5	98,6	85,0	69,8	68,4	75,2
Virgin Islands, British	25,8	25,8	25,8	25,8	25,8	51,3	57,6	61,0
Hungary	0,1	0,1	4,2	17,3	16,0	14,6	14,9	17,5
Estonia	—	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Switzerland	9,3	9,2	5,7	8,2	7,3	7,3	7,1	13,8
Lithuania	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]	…[1]
Netherlands	…[1]	0,1	13,5	14,2	12,5	11,2	10,7	12,3
Austria	4,7	5,3	5,3	6,1	3,5	3,1	4,6	7,0
Moldova, Republic of	15,2	16,7	16,9	16,9	10,7	7,8	7,1	6,9
Other countries	183,5	171,6	182,5	158,4	143,6	77,1	75,9	33,9

[1] See the footnote to Table 17.10

17.14. Direct Ukrainian investment (paid-in capital) abroad in 2017, by type of economic activity

(mln. USD)

	As of January 1	As of December 31
Total	**6346,3**	**6339,8**
Agriculture, forestry and fishing	15,9	18,2
Industry	118,2	123,8
Manufacturing	117,1	122,6
including		
Manufacturing of food products, beverages and tobacco products	51,5	58,6
Manufacture of textiles, apparel, leather and related products	…[1]	…[1]
Manufacture of wood and paper products, and printing	7,2	8,2
Manufacture of chemicals and chemicals products	…[1]	…[1]
Manufacture of pharmaceuticals, medicinal chemical and botanical products	6,9	7,9
Manufacture of rubber and plastics products, and other non-metallic mineral products	0,9	0,9
Manufacture of basic metals and fabricated metal products, except machinery and equipment	21,3	22,3
Machine-building, except machinery and equipment	24,2	21,1
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	0,2	0,2
Electricity, gas, steam and air-conditioning supply	…[1]	…[1]
Water supply, sewerage, waste management and remediation	…[1]	…[1]
Construction	1,3	1,4
Wholesale and retail trade; repair of vehicles and motorcycles	89,3	52,2
Transportation and storage, postal and courier activities	26,8	29,2
Information and communication	2,5	0,6
Financial and insurance activities	72,5	79,1
Real estate activities	44,7	47,2
Professional, scientific and technical activities	5966,4	5978,8
Administrative and support service activities	0,5	0,5
Public administration and defence, compulsory social security	…[1]	…[1]
Arts, entertainment and recreation	…[1]	…[1]

[1] See the footnote to Table 17.10

18. DOMESTIC TRADE

18.1. Wholesale turnover of wholesale enterprises by region[1]

(mln. UAH)

	2010	2013	2014	2015	2016	2017
Ukraine	**993695,8**	**1074753,2**	**987957,0**	**1244220,8**	**1555965,7**	**1908670,6**
Autonomous Republic of Crimea	13714,8	13634,5	…	…	…	…
oblasts						
Vinnytsya	8457,2	8743,0	10539,9	18228,0	14770,4	18838,4
Volyn	15810,2	14743,1	14149,1	18495,0	51852,4	72637,7
Dnipropetrovsk	98919,8	89008,6	77711,3	93252,0	122254,3	149822,4
Donetsk	173920,2	176452,1	95619,0	68053,0	53137,3	57418,5
Zhytomyr	13616,4	5481,6	5476,9	6689,5	16529,6	18193,1
Zakarpattya	6770,3	11151,6	12807,3	14000,1	6709,4	6454,1
Zaporizhzhya	25661,9	16201,4	15869,5	22811,8	35029,2	39675,0
Ivano-Frankivsk	8616,9	10558,7	6770,0	9244,6	11412,5	12225,3
Kyiv	43988,9	61511,4	65785,1	83826,2	101414,7	122010,3
Kirovohrad	8409,7	16024,3	20384,7	14450,8	17297,5	20211,6
Luhansk	22089,8	15189,3	7770,4	3800,9	4794,5	4770,6
Lviv	23915,6	39196,3	41679,6	36354,2	37894,5	43280,5
Mykolayiv	21057,3	18139,6	17447,5	23706,5	30834,5	37269,0
Odesa	46337,3	41784,1	38824,4	43597,4	75226,7	91670,6
Poltava	32607,6	12099,6	12827,1	16224,3	22999,1	27088,5
Rivne	3729,2	4307,1	4448,8	6231,1	7617,7	8984,2
Sumy	5261,3	4821,8	5116,8	11052,9	15577,4	16952,2
Ternopil	4944,0	19617,1	22884,6	30458,6	9593,2	11775,6
Kharkiv	46662,4	42160,6	44503,0	62936,7	66793,5	79989,3
Kherson	10473,0	6216,9	7056,3	8967,4	10801,8	12630,3
Khmelnytskiy	5009,4	6416,0	4939,9	6876,3	10395,3	15715,8
Cherkasy	9841,5	12320,6	15202,8	23101,2	22675,5	26939,2
Chernivtsi	2529,6	3061,0	2751,0	3690,8	4252,5	5106,7
Chernihiv	5926,9	6554,9	7578,3	9863,4	10837,9	12413,9
cities						
Kyiv	324179,1	416007,1	429813,7	608308,1	795264,3	996597,8
Sevastopol	11245,5	3350,7	…	…	…	…

[1] Here and elsewhere (Table 18.2) data are provided for legal persons whose main type of activity is wholesale trade, in money terms at current prices

18.2. Wholesale turnover by food and non-food products

	2010	2013	2014	2015	2016	2017
Wholesale turnover, mln. UAH	**993695,8**	**1074753,2**	**987957,0**	**1244220,8**	**1555965,7**	**1908670,6**
food products	193848,5	199674,1	194669,3	224268,9	252771,0	314047,6
manufactured goods	799847,3	875079,1	793287,7	1019951,9	1303194,7	1594623,0
Share of wholesale turnover, percent	100,0	100,0	100,0	100,0	100,0	100,0
food products	19,5	18,6	19,7	18,0	16,2	16,5
manufactured goods	80,5	81,4	80,3	82,0	83,8	83,5
Share of goods sales, who produced in Ukraine, percent	66,5	54,3	48,5	46,9	44,5	43,7
food products	75,1	71,7	71,4	75,2	76,4	76,8
manufactured goods	64,4	50,3	42,9	40,7	38,3	37,2

18.3. Basic indicators of retail turnover of retail enterprises in 2017[1]

	2017
Retail turnover, mln. UAH	**586330,1**
Share of goods in retail turnover, percent	
food products	39,8
non-food goods	60,2
Share of sale of goods produced in Ukraine, percent	52,3
Volume index, percent of the previous year	106,0

[1] Here and elsewhere (Tables 18.4–18.8) data are presented on legal persons that operated in retail trade (retail turnover of trade network) in money terms at actual prices; volume indices are calculated at comparable prices

18.4. Retail turnover of retail enterprises in 2017, by region

	Mln. UAH
Ukraine	**586330,1**
Autonomous Republic of Crimea	…
oblasts	
Vinnytsya	12280,7
Volyn	9556,4
Dnipropetrovsk	56060,4
Donetsk	15766,7
Zhytomyr	12381,5
Zakarpattya	12196,8
Zaporizhzhya	25530,6
Ivano-Frankivsk	11402,1
Kyiv	41771,5
Kirovohrad	10423,5
Luhansk	3229,5
Lviv	37054,2
Mykolayiv	13208,1
Odesa	47001,6
Poltava	16675,0
Rivne	9403,4
Sumy	9671,0
Ternopil	6528,2
Kharkiv	46078,5
Kherson	12689,1
Khmelnytskiy	11289,3
Cherkasy	11327,9
Chernivtsi	7194,0
Chernihiv	10285,1
cities	
Kyiv	137325,0
Sevastopol	…

18.5. Volume indices of retail turnover of retail enterprises, by goods groups in 2017

(at comparable prices)

	Percent of the previous year
All commodities	**106,0**
Food products	**105,5**
meat and poultry fresh and frozen	89,0
fish and seafood	114,4
milk and dairy products	96,4
rennet, melted and lactic cheese	101,0
eggs	109,4
butter	90,0
oil vegetable	96,6
sugar	118,0
tea	103,7
coffee	107,2
bread and bakery products (excluding confectionery)	107,0
confectionery (including ice cream)	116,6
fresh vegetables (including potatoes)	113,9
fresh fruit, berries and grapes, nuts	100,1
non-alcoholic beverages (including mineral waters)	113,1
alcoholic beverages	99,8
Non-food goods	**106,4**
clothes	118,7
footwear	105,5
sporting and tourist goods and kit	122,8
computers, networking software	107,1
audio/video and telecommunications equipment	163,8
household home appliances and lighting accessories	154,8
furniture	153,3
watches and clocks and jewellery	82,5
cars and autogoods	119,6
gasoline and gas oil (diesel fuel)	91,9

18.6. Retail sales of selected food product groups by retail enterprises in 2017

	Thsd.t
Meat and poultry fresh and frozen	195,8
Fish and seafood	61,8
Rennet, melted and lactic cheese	76,6
Butter	24,7
Oil vegetable	82,7
Eggs, mln.pcs	2277,6
Sugar	167,8
Tea	8,3
Bread and bakery products (excluding confectionery)	416,9
Confectionery (including ice cream)	309,5
Fresh vegetables (including potatoes)	477,8
Fresh fruit, berries and grapes, nuts	375,2

18.7. Retail sales of alcoholic beverages by retail enterprises in 2017

	Mln.dal
Alcoholic beverages	
in physical terms	
vodka and distilled alcoholic beverages	7,3
low alcohol beverages	3,1
wines	6,7
cognac	1,5
sparkling wines (champagne)	2,2
beer	60,7
absolute alcohol per capita	6,7

18.8. Retail sales of selected non-food product groups by retail enterprises in 2017

	Mln. UAH
Clothes, footwear and textile goods (including fabrics and fancies)	25200,0
Perfumery and cosmetics goods	20637,7
Furniture	3354,4
Computers, peripheral equipment, software	4511,9
Audio and video, telecommunication equipment	18552,5
Household appliances and lighting devices	19442,8
Construction materials and ironware	20245,0
Pharmaceuticals	55226,0
Cars and autogoods	47486,1
Gasoline and gas oil (diesel fuel)	61751,8

19. INFORMATION SOCIETY

19.1. Usage of computers and computer networks at enterprises in 2017

(units)

	Number of enterprises that used computers during a year	Including enterprises that		
		used local computer network (LAN)	had the Intranet network	had the Extranet network
Total	**40327**	**24888**	**26984**	**3862**
Mining and quarrying	10090	6274	6720	928
Electricity, gas, steam and air-conditioning supply	647	438	444	93
Water supply, sewerage, waste management and remediation	1065	591	700	44
Construction	4121	2184	2626	210
Wholesale and retail trade; repair of motor vehicles and motorcycles	10011	6650	6897	1127
Transportation and storage, postal and courier activities	3287	1932	2183	232
Accommodation and food service activities	1207	658	829	105
Information and communication	1804	1384	1320	390
Real estate activities	2615	1434	1653	166
Professional, scientific and technical activities	2522	1824	1730	323
Administration and support service activities	2898	1469	1839	234
Other services	60	50	43	10

19.2. Types of external communication with the Internet network in 2017

(units)

	Number of enterprises that used computers during a year	Number of enterprises that had access to the Internet network	Including enterprises that used types of external communication with the Internet network		
			narrow band access to the network	fixed broadband access	broadband mobile connection
Total	**40327**	**39582**	**13889**	**28021**	**10185**
Mining and quarrying	10090	9917	3459	7047	2484
Electricity, gas, steam and air-conditioning supply	647	644	218	493	182
Water supply, sewerage, waste management and remediation	1065	1053	403	705	199
Construction	4121	4041	1547	2702	1014
Wholesale and retail trade; repair of motor vehicles and motorcycles	10011	9876	3333	7171	3021
Transportation and storage, postal and courier activities	3287	3215	1272	2135	804
Accommodation and food service activities	1207	1178	463	785	301
Information and communication	1804	1785	436	1482	448
Real estate activities	2615	2550	943	1715	488
Professional, scientific and technical activities	2522	2474	742	1875	626
Administration and support service activities	2898	2790	1057	1865	606
Other services	60	59	16	46	12

19.3. Directions of the Internet network usage in 2017

(units)

	Number of enterprises that had access to the Internet network	Including those that used the Internet network for			
		sending or receiving messages by e-mail	making phone calls using the Internet/VoIP-connection or video-conferences	obtaining information about goods and services	usage of instant messaging and bulletin board system
Total	**39582**	**38929**	**12048**	**34663**	**18704**
Mining and quarrying	9917	9792	3215	9012	4927
Electricity, gas, steam and air-conditioning supply	644	637	192	585	305
Water supply, sewerage, waste management and remediation	1053	1034	169	926	464
Construction	4041	3977	824	3589	1761
Wholesale and retail trade; repair of motor vehicles and motorcycles	9876	9732	3400	8943	4926
Transportation and storage, postal and courier activities	3215	3156	937	2676	1415
Accommodation and food service activities	1178	1148	246	980	506
Information and communication	1785	1770	939	1606	1067
Real estate activities	2550	2483	464	1939	878
Professional, scientific and technical activities	2474	2440	1024	2169	1265
Administration and support service activities	2790	2701	613	2182	1160
Other services	59	59	25	56	30

Table 19.3 continued

	Including those that used the Internet network for			
	receiving information from public authorities	**making different transactions with public authorities (except for obtaining information)**	**making bank transactions**	**access to other financial services**
Total	**31571**	**20158**	**38227**	**15535**
Mining and quarrying	7958	5049	9604	3952
Electricity, gas, steam and air-conditioning supply	576	354	629	299
Water supply, sewerage, waste management and remediation	913	457	994	431
Construction	3033	1888	3893	1567
Wholesale and retail trade; repair of motor vehicles and motorcycles	7954	5353	9651	3894
Transportation and storage, postal and courier activities	2489	1539	3074	1254
Accommodation and food service activities	893	580	1123	423
Information and communication	1535	1053	1750	805
Real estate activities	1913	1114	2420	815
Professional, scientific and technical activities	2094	1422	2381	1020
Administration and support service activities	2163	1316	2651	1055
Other services	50	33	57	20

19.4. Usage of social media at enterprises in 2017

(units)

	Number of enterprises that used computers during a year	Including enterprises that used social media			
		social media	enterprise's blogs and microblogs	websites with multimedia content	knowledge exchange facilities
Total	**40327**	**10558**	**2910**	**5312**	**5069**
Mining and quarrying	10090	2350	676	1289	1113
Electricity, gas, steam and air-conditioning supply	647	155	43	97	79
Water supply, sewerage, waste management and remediation	1065	253	55	104	136
Construction	4121	895	217	384	532
Wholesale and retail trade; repair of motor vehicles and motorcycles	10011	2814	799	1495	1320
Transportation and storage, postal and courier activities	3287	662	156	275	362
Accommodation and food service activities	1207	546	132	214	161
Information and communication	1804	869	316	527	353
Real estate activities	2615	520	126	226	284
Professional, scientific and technical activities	2522	759	216	410	380
Administration and support service activities	2898	720	169	284	340
Other services	60	15	5	7	9

20. SCIENCE AND INNOVATIONS

20.1. Number of employees engaged in R&D by staff category[1]

(persons)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**182484**	**175330**	**164340**	**155386**	**136123**	**122504**	**97912**	**94274**
researches	133744	130403	122106	115806	101440	90249	63694	59392
technicians	20113	17260	15509	14209	12299	11178	10000	9144
assistants	28627	27667	26725	25371	22384	21077	24218	25738
Of whom with a scientific degree of								
Doctor of Science	11974	11677	11172	11155	9983	9571	7091	6942
Ph.D. (Candidate of Science)	46685	46321	42050	41196	37082	32849	20208	19219

[1] Data for 2010–2015 include the permanent and temporary employees (employees holding a second job and persons who work according to the civil and legal contracts including the scientific and pedagogical employees), since 2016 excluding the scientific and pedagogical employees, who did not perform R&D

20.2. Internal expenditure for R&D performance by type of work[1]

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**8107,1**	**8513,4**	**9419,9**	**10248,5**	**9487,5**	**11003,6**	**11530,7**	**13379,3**
fundamental scientific research	2175,0	2200,8	2615,3	2698,2	2452,0	2460,2	2225,7	2924,5
applied scientific research	1589,4	1813,9	2023,2	2061,4	1882,7	1960,6	2561,2	3163,2
scientific and technological (experimental) developments	4342,7	4498,7	4781,4	5488,9	5152,8	6582,8	6743,8	7291,6

[1] Data for 2010–2015 have been recalculated excluding the expenditures for performance of scientific and technical services

20.3. Number of employees engaged in R&D performance, by region[1]

(persons)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**182484**	**175330**	**164340**	**155386**	**136123**	**122504**	**97912**	**94274**
Autonomous Republic of Crimea	3633	3304	2922	2621	…	…	…	…
oblasts								
Vinnytsya	1265	1277	939	796	842	652	704	627
Volyn	502	440	441	461	391	400	258	314
Dnipropetrovsk	13076	12801	12905	11155	10701	10410	9675	8954
Donetsk	11908	11524	10274	9575	3688	2935	217	238
Zhytomyr	1673	1638	1665	1675	1661	1497	368	410
Zakarpattya	1805	1914	1877	2013	1733	1686	678	562
Zaporizhzhya	6928	6413	6013	4880	4428	4116	4203	4216
Ivano-Frankivsk	1776	1204	1176	620	578	674	524	580
Kyiv	3172	2599	2545	2095	2014	1873	1833	1805
Kirovohrad	1645	1653	1602	1528	1507	470	480	503
Luhansk	3622	3503	3251	2621	1008	501	369	350
Lviv	11257	10713	9399	9060	8388	7629	4648	4680
Mykolayiv	4520	4340	3308	3209	3221	3063	2150	2268
Odesa	8056	7617	7149	7115	6410	5561	3384	3003
Poltava	3331	3135	3017	2967	2879	2477	1302	1181
Rivne	1854	1789	1766	1781	1563	841	327	378
Sumy	3289	3600	3351	3228	3022	2482	2857	2081
Ternopil	2587	2387	2049	1484	1455	1268	383	361
Kharkiv	28774	28483	26820	26492	24506	23182	16474	14851
Kherson	1049	884	905	817	803	497	683	732
Khmelnytskiy	950	925	460	434	439	368	321	380
Cherkasy	2843	3191	3023	2800	2648	2038	780	705
Chernivtsi	2683	2354	2495	2429	2207	1127	837	809
Chernihiv	1991	1974	1250	1434	1141	763	723	699
cities								
Kyiv	56800	54262	52371	50777	48890	45994	43734	43587
Sevastopol	1495	1406	1367	1319	…	…	…	…

[1] See the footnote to Table 20.1

20.4. Internal expenditure for R&D performance, by region[1]

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**8107,1**	**8513,4**	**9419,9**	**10248,5**	**9487,5**	**11003,6**	**11530,7**	**13379,3**
Autonomous Republic of Crimea	130,3	129,3	153,8	123,4	…	…	…	…
oblasts								
Vinnytsya	44,2	37,8	37,2	29,0	33,2	26,9	39,5	44,8
Volyn	17,3	18,9	15,9	16,5	10,2	13,9	13,6	18,4
Dnipropetrovsk	695,4	774,6	855,7	884,6	1042,4	1366,0	1843,7	2261,9
Donetsk	490,9	467,0	439,8	471,5	230,1	165,8	18,9	13,2
Zhytomyr	16,2	18,0	21,1	19,0	18,0	16,1	21,4	28,1
Zakarpattya	24,4	30,2	34,1	35,5	31,5	38,9	46,4	55,2
Zaporizhzhya	415,9	467,0	562,2	494,3	445,2	502,0	712,4	914,1
Ivano-Frankivsk	34,7	37,6	35,1	21,3	20,8	16,7	20,3	28,1
Kyiv	224,7	223,1	192,8	175,4	170,5	194,2	274,2	299,2
Kirovohrad	28,9	33,5	32,4	30,7	32,6	57,3	74,6	75,6
Luhansk	115,1	152,2	161,2	142,1	60,0	27,3	23,6	29,3
Lviv	267,6	279,7	267,8	280,2	260,3	272,1	264,8	366,0
Mykolayiv	214,0	264,2	193,5	610,8	245,3	299,3	392,6	349,4
Odesa	156,1	161,9	187,5	181,3	172,1	201,8	237,5	270,3
Poltava	38,1	40,1	51,0	44,3	43,5	42,5	55,8	66,0
Rivne	10,2	10,7	12,7	11,6	9,9	9,3	9,3	13,7
Sumy	100,3	116,2	162,2	133,4	124,9	121,2	129,7	160,7
Ternopil	15,1	14,4	14,1	12,5	11,3	10,7	14,0	19,2
Kharkiv	1517,8	1606,4	1854,6	1842,0	1865,1	1920,6	2063,2	2399,4
Kherson	35,9	38,3	43,9	42,3	39,8	33,6	48,8	73,6
Khmelnytskiy	6,1	7,5	14,1	12,8	14,6	15,6	13,0	17,5
Cherkasy	53,3	53,8	53,6	57,7	53,7	99,5	118,4	97,4
Chernivtsi	34,5	34,2	33,5	37,1	36,2	45,4	61,3	68,3
Chernihiv	33,0	31,9	32,6	67,1	36,7	50,9	41,9	44,3
cities								
Kyiv	3277,1	3349,5	3813,3	4312,8	4479,6	5456,0	4991,8	5665,6
Sevastopol	110,0	115,4	144,2	159,3	…	…	…	…

[1] See the footnote to Table 20.2

20.5. Number of employees engaged in R&D performance by field of study[1]

(persons)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**182484**	**175330**	**164340**	**155386**	**136123**	**122504**	**97912**	**94274**
natural	27410	26761	25950	23782	21301	20406	24777	22140
technical	73083	70577	66667	64279	54692	50060	47816	48985
medical	11283	11230	10837	10171	8875	8538	6410	5228
agricultural	14473	12845	11579	11228	10038	9068	7283	7451
social	16102	15342	14376	13219	10947	9133	7731	7239
humanities	3491	3474	3787	3190	3090	2958	3895	3231
multi-sector direction	36642	35101	31144	29517	27180	22341	…	…

[1] See the footnote to Table 20.1

20.6. Internal expenditure for R&D performance by field of study[1]

(at current prices; mln. UAH)

	2010	2011	2012	2013	2014	2015	2016	2017
Total	**8107,1**	**8513,4**	**9419,9**	**10248,5**	**9487,5**	**11003,6**	**11530,7**	**13379,3**
natural	1664,7	1961,8	2117,2	2175,0	1965,2	2048,8	2435,6	2702,7
technical	4544,7	4500,5	5053,0	5856,7	5433,2	6975,5	7514,7	8541,0
medical	363,4	423,8	446,3	467,8	514,3	398,1	324,0	459,3
agricultural	534,2	545,7	618,7	604,3	576,6	568,4	642,7	821,9
social	404,0	437,9	527,6	505,1	427,5	390,0	380,4	530,4
humanities	131,6	141,0	154,8	192,5	190,2	198,1	233,3	324,0
multi-sector direction	464,5	502,7	502,3	447,1	380,5	424,7	…	…

[1] See the footnote to Table 20.2

20.7. Distribution of researchers[1] by sex by field of science

(persons)

	Researchers, total		Including women	
	2016	2017	2016	2017
Total	**63694**	**59392**	**28660**	**26533**
natural	18461	16593	8014	7337
technical	26266	25715	8974	8650
medical	4845	3759	3093	2455
agricultural	4663	4777	2559	2624
social	6506	5945	4203	3905
humanities	2953	2603	1817	1562

[1] See the footnote to Table 20.1

20.8. Distribution of researchers[1] by sex in 2017, by region

(persons)

	Researchers, total	Including women	Of which those with scientific degree			
			doctor of science	including women	Ph.D. (candidate of science)	including women
Ukraine	**59392**	**26533**	**6925**	**1882**	**19094**	**8954**
Autonomous Republic of Crimea	…	…	…	…	…	…
oblasts						
Vinnytsya	445	172	65	14	193	65
Volyn	277	148	30	10	135	76
Dnipropetrovsk	5604	2539	414	83	1147	499
Donetsk	170	80	26	5	42	24
Zhytomyr	302	159	43	7	147	80
Zakarpattya	344	119	59	9	126	42
Zaporizhzhya	1508	589	86	16	273	113
Ivano-Frankivsk	483	140	46	8	125	33
Kyiv	1120	443	84	20	313	133
Kirovohrad	382	133	11	1	89	27
Luhansk	186	82	24	2	49	20
Lviv	3622	1491	527	87	1624	748
Mykolayiv	1023	377	38	14	121	42
Odesa	2173	1120	318	130	707	364
Poltava	878	485	94	35	434	234
Rivne	275	103	33	7	159	45
Sumy	1098	451	67	17	330	140
Ternopil	302	123	38	9	93	40
Kharkiv	9988	4138	1028	230	3082	1305
Kherson	509	278	48	14	189	93
Khmelnytskiy	321	134	38	6	122	64
Cherkasy	449	212	41	14	122	69
Chernivtsi	641	303	101	24	298	147
Chernihiv	284	145	11	4	82	37
cities						
Kyiv	27008	12569	3655	1116	9092	4514
Sevastopol	…	…	…	…	…	…

[1] See the footnote to Table 20.1

20.9. Share of industrial enterprises that introduced innovations[1]

(percentage of the total number of the surveyed)

	2010	2011	2012	2013	2014	2015[2]	2017[2]
Total	**13,8**	**16,2**	**17,4**	**16,8**	**16,1**	**17,3**	**16,2**
including by direction of innovation activity							
internal R&D operations	2,1	2,4	2,1	2,1	1,9	3,2	2,8
external R&D operations	1,2	1,3	1,3	1,1	0,9	1,5	1,3
purchase of machines, equipment and software	7,9	10,3	10,9	10,6	9,9	9,8	10,6
acquisition of external knowledge	0,9	1,0	0,9	0,8	0,8	0,7	0,9
training of personnel[3]	2,1	2,9	3,2	3,3	3,2	…	…
market implementation of innovation[3]	1,0	1,3	1,0	0,9	0,8	…	…
other	1,8	2,2	2,0	1,6	1,4	4,4	3,7

[1] Here and elsewhere (Tables 20.10−20.18), since for 2015, the periodicity of the state statistical observation *Innovation activity of industrial enterprise* has been changed from *annual* to *once every two years*

[2] Here and elsewhere (Tables 20.10−20.18) the direct comparisons of data with data for the previous years are incorrect due to changes in the organisation and conduct of the state statistical observation over innovation activity of industrial enterprise

[3] Since 2015, the indicator refers to *other*

20.10. Introduction of innovation at industrial enterprises

	2010	2011	2012	2013	2014	2015	2017
Introduction of innovative products, items	2408	3238	3403	3138	3661	3136	2387
including							
new for market	606	900	672	640	540	548	477
new for enterprise only	1802	2338	2731	2498	3121	2588	1910
Implemented technological processes	2043	2510	2188	1576	1743	1217	1831
of which low-waste, resource saving and waste-free	479	517	554	502	447	458	611

20.11. Share of industrial enterprises that implemented innovations in 2017, by type of innovation and region

(percentage of the total number of the surveyed)

	Total	Including those that implemented			
		innovation processes	of which low-waste, resource efficient	innovation type of products	of which new for market
Ukraine	**14,3**	**9,7**	**4,2**	**7,6**	**1,9**
Autonomous Republic of Crimea	…	…	…	…	…
oblasts					
Vinnytsya	9,6	5,1	3,2	7,1	3,2
Volyn	15,1	7,5	4,7	3,8	0,9
Dnipropetrovsk	9,9	8,6	2,4	3,9	1,1
Donetsk	11,5	9,9	5,7	6,3	1,6
Zhytomyr	13,9	6,0	1,8	5,4	0,6
Zakarpattya	9,0	5,3	4,5	3,0	—
Zaporizhzhya	16,8	9,5	3,2	11,8	2,7
Ivano-Frankivsk	17,8	12,4	7,8	11,6	—
Kyiv	11,0	8,4	1,2	4,8	1,2
Kirovohrad	14,2	8,5	5,7	11,3	1,9
Luhansk	7,1	5,7	4,3	4,3	—
Lviv	14,9	12,7	3,8	7,6	2,5
Mykolayiv	17,2	8,6	2,2	8,6	3,2
Odesa	15,3	12,2	9,6	6,6	1,3
Poltava	8,9	5,0	0,8	5,8	0,4
Rivne	5,2	4,4	1,5	2,2	—
Sumy	15,4	6,8	4,3	14,5	6,8
Ternopil	27,5	25,3	4,4	7,7	2,2
Kharkiv	26,6	17,2	9,6	13,9	4,3
Kherson	15,5	11,3	2,1	11,3	3,1
Khmelnytskiy	5,7	4,3	1,4	2,1	—
Cherkasy	23,7	14,5	5,3	11,5	2,3
Chernivtsi	14,5	10,9	7,3	12,7	—
Chernihiv	9,6	8,7	5,8	6,7	1,9
cities					
Kyiv	15,9	8,9	4,1	8,9	2,8
Sevastopol	…	…	…	…	…

20.12. Share of industrial enterprises that implemented innovations in 2017, by type of innovation and activity

(percentage of the total number of the surveyed)

	Total	Including those that implemented			
		innovation processes	of which low-waste, resource efficient	innovation type of products	of which new for market
Industry	**14,3**	**9,7**	**4,2**	**7,6**	**1,9**
Mining and quarrying	8,4	6,2	1,8	3,5	—
including					
Mining of coal and lignite	8,8	5,9	2,9	2,9	—
Manufacturing	16,2	10,6	4,5	9,2	2,4
Manufacture of food products, beverages and tobacco products	16,8	10,4	4,5	9,5	2,0
Manufacture of textiles, apparel, leather and related products	7,4	6,8	1,9	1,9	0,3
Manufacture of wood and paper products, and printing	12,5	10,0	4,0	5,0	0,3
Manufacture of coke, and refined petroleum products	9,1	4,5	—	—	—
Manufacture of chemicals and chemical products	19,6	9,5	3,6	13,7	1,2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	47,7	15,4	4,6	32,3	6,2
Manufacture of rubber and plastics products, and other non-metallic mineral products	10,1	7,5	4,1	4,5	1,4
Manufacture of basic metals and fabricated metal products, except machinery and equipment	16,4	12,0	7,4	8,7	1,9
Manufacture of computer, electronic and optical products	29,0	15,0	8,0	16,0	8,0
Manufacture of electrical equipment	20,6	14,2	6,5	12,9	5,8
Manufacture of machinery and equipment n.e.c.	20,0	12,8	4,6	15,1	5,6
Manufacture of transport equipment, trailers, and semitrailers and other	29,6	19,5	7,7	22,5	6,5
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	11,8	8,7	2,5	5,3	0,9
Electricity, gas, steam and air-conditioning supply	7,9	7,9	4,4	0,6	0,3
Water supply, sewerage, waste management and remediation	4,7	4,7	2,3	0,3	—

20.13. Number of industrial enterprises that sold innovation products in 2017, by region

(units)

	Number of enterprises that sold innovation products	Including the products that are new		Number of enterprises that sold innovation products outside Ukraine
		for the market	only for an enterprise	
Ukraine	**450**	**124**	**377**	**179**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	14	5	13	6
Volyn	12	2	10	5
Dnipropetrovsk	18	5	16	10
Donetsk	13	5	12	6
Zhytomyr	20	4	16	8
Zakarpattya	9	—	9	6
Zaporizhzhya	31	10	25	17
Ivano-Frankivsk	14	—	14	9
Kyiv	22	5	19	8
Kirovohrad	13	2	11	5
Luhansk	3	—	3	—
Lviv	24	7	20	11
Mykolayiv	12	4	8	4
Odesa	17	3	16	5
Poltava	19	1	18	7
Rivne	3	—	3	—
Sumy	17	8	12	10
Ternopil	9	4	6	2
Kharkiv	77	29	59	29
Kherson	10	5	9	4
Khmelnytskiy	4	—	4	1
Cherkasy	23	5	21	12
Chernivtsi	7	—	7	1
Chernihiv	7	2	5	2
cities				
Kyiv	52	18	41	11
Sevastopol	…	…	…	…

20.14. Number of industrial enterprises that sold innovation products in 2017, by type of activity

(units)

	Number of enterprises that sold innovation products	Including the products that are new		Number of enterprises that sold innovation products outside Ukraine
		for the market	only for an enterprise	
Industry	**450**	**124**	**377**	**179**
Mining and quarrying	10	3	9	1
Manufacturing	438	121	366	178
Manufacture of food products, beverages and tobacco products	117	25	102	37
Manufacture of textiles, apparel, leather and related products	11	3	10	4
Manufacture of wood and paper products, and printing	22	4	19	11
Manufacture of coke, and refined petroleum products	1	1	1	—
Manufacture of chemicals and chemical products	25	3	24	13
Manufacture of pharmaceuticals, medicinal chemical and botanical products	29	8	25	5
Manufacture of rubber and plastics products, and other non-metallic mineral products	35	10	29	14
Manufacture of basic metals and fabricated metal products, except machinery and equipment	39	9	35	16
Manufacture of computer, electronic and optical products	23	11	14	10
Manufacture of electrical equipment	24	11	16	15
Manufacture of machinery and equipment n.e.c.	48	19	38	28
Manufacture of transport equipment, trailers, and semitrailers and other	40	13	32	15
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	24	4	21	10
Electricity, gas, steam and air-conditioning supply	1	—	1	—
Water supply, sewerage, waste management and remediation	1	—	1	—

20.15. Number of implemented new technological processes at enterprises, by region

(units)

	Total		Including low-waste, resource efficient	
	2015	2017	2015	2017
Ukraine	**1217**	**1831**	**458**	**611**
Autonomous Republic of Crimea	…	…	…	…
oblasts				
Vinnytsya	26	15	17	8
Volyn	13	8	5	5
Dnipropetrovsk	77	107	30	24
Donetsk	20	69	12	28
Zhytomyr	20	13	7	6
Zakarpattya	7	7	2	6
Zaporizhzhya	114	142	35	35
Ivano-Frankivsk	50	23	8	15
Kyiv	39	38	14	10
Kirovohrad	19	16	7	13
Luhansk	21	4	5	3
Lviv	49	41	14	13
Mykolayiv	13	29	3	9
Odesa	26	50	15	42
Poltava	34	31	18	18
Rivne	9	8	3	2
Sumy	185	225	110	25
Ternopil	32	78	11	27
Kharkiv	212	230	85	85
Kherson	25	24	12	12
Khmelnytskiy	9	7	6	2
Cherkasy	15	30	4	13
Chernivtsi	15	12	6	10
Chernihiv	35	75	5	9
cities				
Kyiv	152	549	24	191
Sevastopol	…	…	…	…

20.16. Number of implemented new technological processes at enterprises, by type of activity

(units)

	Total		Including low-waste, resource efficient	
	2015	2017	2015	2017
Industry	**1217**	**1831**	**458**	**611**
Mining and quarrying	6	336	1	131
Manufacturing	1126	1422	394	434
Manufacture of food products, beverages and tobacco products	116	165	41	73
Manufacture of textiles, apparel, leather and related products	45	55	9	30
Manufacture of wood and paper products, and printing	28	57	1	20
Manufacture of coke, and refined petroleum products	1	2	1	—
Manufacture of chemicals and chemical products	35	28	18	14
Manufacture of pharmaceuticals, medicinal chemical and botanical products	55	43	9	4
Manufacture of rubber and plastics products, and other non-metallic mineral products	56	71	22	38
Manufacture of basic metals and fabricated metal products, except machinery and equipment	122	310	41	101
Manufacture of computer, electronic and optical products	54	40	15	32
Manufacture of electrical equipment	38	51	25	23
Manufacture of machinery and equipment n.e.c.	308	345	146	39
Manufacture of transport equipment, trailers, and semitrailers and other	193	174	52	47
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	75	81	14	13
Electricity, gas, steam and air-conditioning supply	63	48	49	31
Water supply, sewerage, waste management and remediation	22	25	14	15

20.17. Number of titles of implemented innovation types of products at industrial enterprises, by region

(units)

	Total		Including that are new			
			for the market		for an enterprise	
	2015	2017	2015	2017	2015	2017
Ukraine	**3136**	**2387**	**548**	**477**	**2588**	**1910**
Autonomous Republic of Crimea	…	…	…	…	…	…
oblasts						
Vinnytsya	69	52	20	13	49	39
Volyn	8	7	1	1	7	6
Dnipropetrovsk	150	84	41	15	109	69
Donetsk	153	101	20	21	133	80
Zhytomyr	13	20	4	3	9	17
Zakarpattya	9	8	—	—	9	8
Zaporizhzhya	397	319	65	46	332	273
Ivano-Frankivsk	117	109	16	—	101	109
Kyiv	97	116	17	54	80	62
Kirovohrad	51	36	7	4	44	32
Luhansk	14	11	—	—	14	11
Lviv	251	247	26	30	225	217
Mykolayiv	28	19	2	11	26	8
Odesa	58	53	11	12	47	41
Poltava	96	86	1	6	95	80
Rivne	7	6	2	—	5	6
Sumy	177	217	78	55	99	162
Ternopil	580	39	29	14	551	25
Kharkiv	208	396	45	105	163	291
Kherson	41	80	7	11	34	69
Khmelnytskiy	24	7	2	—	22	7
Cherkasy	50	53	7	5	43	48
Chernivtsi	31	25	—	—	31	25
Chernihiv	56	97	3	10	53	87
cities						
Kyiv	451	199	144	61	307	138
Sevastopol	…	…	…	…	…	…

20.18. Number of titles of implemented innovation types of products at industrial enterprises, by type of activity

(units)

	Total		Including that are new			
			for the market		for an enterprise	
	2015	2017	2015	2017	2015	2017
Industry	**3136**	**2387**	**548**	**477**	**2588**	**1910**
Mining and quarrying	20	15	2	—	18	15
Manufacturing	3080	2366	533	475	2547	1891
Manufacture of food products, beverages and tobacco products	455	563	68	80	387	483
Manufacture of textiles, apparel, leather and related products	72	30	15	10	57	20
Manufacture of wood and paper products, and printing	519	31	2	1	517	30
Manufacture of coke, and refined petroleum products	15	—	2	—	13	—
Manufacture of chemicals and chemical products	126	117	15	3	111	114
Manufacture of pharmaceuticals, medicinal chemical and botanical products	116	187	34	49	82	138
Manufacture of rubber and plastics products, and other non-metallic mineral products	112	112	28	40	84	72
Manufacture of basic metals and fabricated metal products, except machinery and equipment	324	129	37	37	287	92
Manufacture of computer, electronic and optical products	112	48	65	20	47	28
Manufacture of electrical equipment	138	83	68	45	70	38
Manufacture of machinery and equipment n.e.c.	718	571	130	92	588	479
Manufacture of transport equipment, trailers, and semitrailers and other	214	289	57	55	157	234
Manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	159	206	12	43	147	163
Electricity, gas, steam and air-conditioning supply	34	3	12	2	22	1
Water supply, sewerage, waste management and remediation	2	3	1	—	1	3

21. INTERNATIONAL COMPARISONS[1]

21.1. Population

(mln.)

	2010	2011	2012	2013	2014	2015
Ukraine[2]	**45,7**	**45,5**	**45,4**	**45,3**	**42,8**	**42,7**
Austria	8,4	8,4	8,4	8,5	8,5	8,6
Azerbaijan	9,1	9,2	9,3	9,4	9,5	9,6
Belgium	10,9	11,0	11,1	11,2	11,2	11,3
Belarus	9,5	9,5	9,5	9,5	9,5	9,5
Bulgaria	7,4	7,3	7,3	7,3	7,2	7,2
United Kingdom	62,8	63,3	63,7	64,1	64,6	65,1
Armenia	3,0	3,0	3,0	3,0	3,0	3,0
Greece	11,1	11,1	11,0	11,0	10,9	10,8
Georgia	4,5	4,5	4,5	4,5	3,7	3,7
Denmark	5,5	5,6	5,6	5,6	5,6	5,7
Estonia	1,3	1,3	1,3	1,3	1,3	1,3
Israel	7,6	7,8	7,9	8,1	8,2	8,4
Spain	46,6	46,7	46,8	46,6	46,5	46,4
Italy	59,3	59,4	59,5	60,2	60,8	60,7
Kazakhstan	16,3	16,6	16,8	17,0	17,3	17,5
Canada	34,0	34,3	34,8	35,2	35,5	35,9
Kyrgyzstan	5,4	5,5	5,6	5,7	5,8	6,0
Latvia	2,1	2,1	2,0	2,0	2,0	2,0
Lithuania	3,1	3,0	3,0	3,0	2,9	2,9

Table 21.1 continued

	2010	2011	2012	2013	2014	2015
Luxembourg	0,5	0,5	0,5	0,5	0,6	0,6
Moldova, Republic of	3,6	3,6	3,6	3,6	3,6	3,6
Netherlands	16,6	16,7	16,8	16,8	16,9	16,9
Germany	81,0	80,3	80,4	80,6	81,0	81,7
Norway	4,9	5,0	5,0	5,1	5,1	5,2
Poland	38,0	38,1	38,1	38,0	38,0	38,0
Portugal	10,6	10,6	10,5	10,5	10,4	10,4
Russian Federation	142,8	143,0	143,2	143,5	…	…
Romania	20,2	20,1	20,1	20,0	19,9	19,8
Slovakia	5,4	5,4	5,4	5,4	5,4	5,4
Slovenia	2,0	2,1	2,1	2,1	2,1	2,1
USA	309,3	311,7	314,1	316,4	318,9	321,4
Tajikistan	7,5	7,7	7,9	…	…	…
Turkey	73,1	74,2	75,2	76,1	77,2	78,2
Hungary	10,0	10,0	9,9	9,9	9,9	9,8
Uzbekistan	28,6	29,3	29,8	30,2	30,8	31,3
Finland	5,4	5,4	5,4	5,4	5,5	5,5
France	64,8	65,1	65,4	65,8	66,2	66,6
Croatia	4,3	4,3	4,3	4,3	4,2	4,2
Czech Republic	10,5	10,5	10,5	10,5	10,5	10,5
Switzerland	7,8	7,9	8,0	8,1	8,2	…
Sweden	9,4	9,4	9,5	9,6	9,7	9,8

[1] Source: Information is available from the *United Nations Economic Commission for Europe* statistical data base

[2] Resident population on average per year

21.2. Total fertility rate

(average number of births that born a woman)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**1,4**	**1,5**	**1,5**	**1,5**	**1,5[1]**	**1,5[2]**	**1,5[2]**
Austria	1,4	1,4	1,4	1,4	1,5	1,5	1,5
Azerbaijan	2,3	2,4	2,3	2,2	2,2	2,1	…
Belgium	1,9	1,8	1,8	1,8	1,7	1,7	1,7
Belarus	1,5	1,5	1,6	1,7	1,7	…	…
Bulgaria	1,6	1,5	1,5	1,5	1,5	1,5	1,5
United Kingdom	1,9	1,9	1,9	1,8	1,8	1,8	1,8
Armenia	1,6	1,5	1,6	1,6	1,6	…	…
Greece	1,5	1,4	1,3	1,3	1,3	1,3	1,4
Georgia	1,8	1,7	1,7	1,7	2,2	…	…
Denmark	1,9	1,8	1,7	1,7	1,7	1,7	1,8
Estonia	1,7	1,6	1,6	1,5	1,5	1,6	1,6
Israel	3,0	3,0	3,0	3,0	3,1	…	…
Spain	1,4	1,3	1,3	1,3	1,3	1,3	1,3
Italy	1,5	1,4	1,4	1,4	1,4	1,4	1,3
Kazakhstan	2,6	2,6	2,6	2,6	2,7	2,7	…
Canada	1,6	1,6	1,6	…	…	…	…
Kyrgyzstan	3,0	3,1	3,1	3,1	3,2	3,2	…
Latvia	1,4	1,3	1,4	1,5	1,6	1,7	1,7
Lithuania	1,5	1,6	1,6	1,6	1,6	1,7	1,7
Luxembourg	1,6	1,5	1,6	1,6	1,5	1,5	1,4

Table 21.2 continued

	2010	2011	2012	2013	2014	2015	2016
Moldova, Republic of	1,3	1,3	1,3	1,2	1,3	…	…
Netherlands	1,8	1,8	1,7	1,7	1,7	1,7	1,7
Germany	1,4	1,4	1,4	…	1,5	1,5	1,6
Norway	2,0	1,9	1,8	1,8	1,8	1,7	1,7
Poland	1,4	1,3	1,3	1,3	1,3	1,3	1,4
Portugal	1,4	1,4	1,3	1,2	1,2	1,3	1,4
Russian Federation	1,6	1,6	1,7	1,7	…	…	…
Romania	1,6	1,5	1,5	1,5	1,6	1,6	1,6
Slovakia	1,4	1,4	1,3	1,3	1,4	1,4	1,5
Slovenia	1,6	1,6	1,6	1,6	1,6	1,6	1,6
USA	1,9	1,9	1,9	1,9	1,9	1,8	…
Tajikistan	3,6	3,6	3,8	3,8	3,8	…	…
Turkey	2,0	2,0	2,1	2,1	2,2	2,1	2,1
Hungary	1,2	1,2	1,3	1,4	1,4	1,4	1,5
Finland	1,9	1,8	1,8	1,8	1,7	1,6	1,6
France	2,0	2,0	2,0	2,0	2,0	2,0	1,9
Croatia	1,5	1,4	1,5	1,5	1,5	1,4	1,4
Czech Republic	1,5	1,4	1,4	1,5	1,5	1,6	1,6
Switzerland	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Sweden	2,0	1,9	1,9	1,9	1,9	1,8	1,8

[1] The calculation is made excluding administrative data on the number of birth in a part of the temporarily occupied territories in the Donetsk and Luhansk regions
[2] The calculation is made excluding data on the Donetsk and Luhansk regions

21.3. Average life expectancy at birth for women

(years)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**75,5**[1]	**75,9**	**76,0**	**76,2**	**76,4**	**76,3**[2]	**76,5**[2]
Austria	83,5	83,8	83,6	83,8	84,0	83,7	84,1
Azerbaijan	76,0	76,5	76,6	77,1	77,3	77,7	…
Belgium	83,0	83,3	83,1	83,2	83,9	83,4	84,0
Belarus	76,5	76,7	77,6	77,9	78,4	78,9	…
Bulgaria	77,4	77,8	77,9	78,6	78,0	78,2	78,5
United Kingdom	82,6	83,0	82,8	82,9	83,2	82,8	83,0
Armenia	77,2	77,5	77,8	77,9	78,3	…	…
Greece	83,3	83,6	83,4	84,0	84,1	83,7	84,0
Georgia	78,8	78,6	78,4	79,5	77,3	…	…
Denmark	81,4	81,9	82,1	82,4	82,8	82,7	82,8
Estonia	80,8	81,3	81,5	81,7	81,9	82,2	82,2
Israel	84,1	84,1	84,1	84,4	…	…	…
Spain	85,5	85,6	85,5	86,1	86,2	85,7	86,3
Italy	84,7	84,8	84,8	85,2	85,6	84,9	85,6
Kazakhstan	73,5	74,0	74,5	75,4	76,0	76,4	…
Canada	83,2	83,4	83,6	…	…	…	…
Kyrgyzstan	73,7	73,8	74,2	74,9	…	…	…
Latvia	78,0	78,8	78,9	78,9	79,4	79,5	79,6
Lithuania	78,9	79,3	79,6	79,6	80,1	79,7	80,1
Luxembourg	83,5	83,6	83,8	83,9	85,2	84,7	85,4

Table 21.3 continued

	2010	2011	2012	2013	2014	2015	2016
Moldova, Republic of	73,5	75,1	75,1	75,7	75,5	…	…
Netherlands	83,0	83,1	83,0	83,2	83,5	83,2	83,2
Germany	83,0	83,1	83,1	83,0	83,6	83,1	83,5
Norway	83,3	83,6	83,5	83,8	84,2	84,2	84,2
Poland	80,7	81,1	81,1	81,2	81,7	81,6	82,0
Portugal	83,2	83,8	83,6	84,0	84,4	84,3	84,3
Russian Federation	74,9	75,6	75,9	76,3	…	…	…
Romania	77,7	78,2	78,7	78,7	78,7	78,7	79,1
Slovakia	79,3	79,8	79,9	80,1	80,5	80,2	80,7
Slovenia	83,1	83,3	83,3	83,6	84,1	83,9	84,3
USA	81,1	81,1	81,2	81,2	81,2	…	…
Tajikistan	74,4	74,1	74,6	75,3	75,4	…	…
Turkey	78,7	78,9	79,1	79,2	79,3	79,4	…
Hungary	78,6	78,7	78,7	79,1	79,4	79,0	79,7
Finland	83,5	83,8	83,7	84,1	84,1	84,4	84,4
France	85,3	85,7	85,4	85,6	86,0	85,6	85,7
Croatia	79,9	80,4	80,6	81,0	81,0	80,5	81,3
Czech Republic	80,9	81,1	81,2	81,3	82,0	81,6	82,1
Switzerland	84,9	85,0	84,9	85,0	85,4	85,1	85,6
Sweden	83,6	83,8	83,6	83,8	84,2	84,1	84,1

[1] Data of the State Statistics Service of Ukraine are calculated for two contiguous years
[2] See the second footnote to Table 21.2

21.4. Average life expectancy at birth for men

(years)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**65,3[1]**	**66,0**	**66,1**	**66,3**	**66,3**	**66,4[2]**	**66,7[2]**
Austria	77,8	78,3	78,4	78,6	79,1	78,8	79,3
Azerbaijan	71,2	71,2	71,6	72,1	72,2	72,9	…
Belgium	77,5	78,0	77,8	78,1	78,8	78,7	79,0
Belarus	64,6	64,7	66,6	67,3	67,8	68,6	…
Bulgaria	70,3	70,7	70,9	71,3	71,1	71,2	71,3
United Kingdom	78,6	79,0	79,1	79,2	79,5	79,2	79,4
Armenia	70,6	70,7	71,3	71,5	71,8	…	…
Greece	78,0	78,0	78,0	78,7	78,8	78,5	78,9
Georgia	70,0	70,1	70,4	71,0	68,8	…	…
Denmark	77,2	77,8	78,1	78,3	78,7	78,8	79,0
Estonia	70,9	71,4	71,4	72,8	72,4	73,2	73,3
Israel	80,2	80,4	80,3	80,8	…	…	…
Spain	79,2	79,5	79,5	80,2	80,4	80,1	80,5
Italy	79,5	79,7	79,8	80,3	80,7	80,3	81,0
Kazakhstan	63,7	64,4	65,0	66,0	67,1	67,5	…
Canada	78,8	79,1	79,4	…	…	…	…
Kyrgyzstan	65,5	66,0	66,3	67,0	…	…	…
Latvia	67,9	68,6	68,9	69,3	69,1	69,7	69,8
Lithuania	67,6	68,1	68,4	68,5	69,2	69,2	69,5
Luxembourg	77,9	78,5	79,1	79,8	79,4	80,0	80,1

Table 21.4 continued

	2010	2011	2012	2013	2014	2015	2016
Moldova, Republic of	64,9	66,8	67,2	68,2	67,6	…	…
Netherlands	78,9	79,4	79,3	79,5	80,0	79,9	80,0
Germany	78,0	77,9	78,1	78,1	78,7	78,3	78,6
Norway	79,0	79,1	79,5	79,8	80,1	80,5	80,7
Poland	72,2	72,5	72,6	73,0	73,7	73,5	73,9
Portugal	76,8	77,3	77,3	77,6	78,0	78,1	78,1
Russian Federation	63,1	64,0	64,6	65,1	…	…	…
Romania	70,0	70,8	70,9	71,6	71,3	71,5	71,7
Slovakia	71,8	72,3	72,5	72,9	73,3	73,1	73,8
Slovenia	76,4	76,8	77,1	77,2	78,2	77,8	78,2
USA	76,2	76,3	76,4	76,4	76,4	…	…
Tajikistan	70,8	70,9	71,1	71,6	71,6	…	…
Turkey	74,2	74,4	74,6	74,7	74,8	74,9	…
Hungary	70,7	71,2	71,6	72,2	72,3	72,3	72,6
Finland	76,9	77,3	77,7	78,0	78,4	78,7	78,6
France	78,2	78,7	78,7	79,0	79,5	79,2	79,5
Croatia	73,4	73,8	73,9	74,5	74,7	74,4	75,0
Czech Republic	74,5	74,8	75,1	75,2	75,8	75,7	76,1
Switzerland	80,3	80,5	80,6	80,7	81,1	80,8	81,7
Sweden	79,6	79,9	79,9	80,2	80,4	80,4	80,6

[1] See the first footnote to Table 21.3
[2] See the second footnote to Table 21.2

21.5. Economic activity rate of women aged 15–64

(percent)

	2010	2011	2012	2013	2014	2015
Ukraine	**62,1**	**61,8**	**61,9**	**62,1**	**59,8**[1]	**60,4**
Austria	68,4	68,8	69,6	70,2	70,3	70,3
Azerbaijan	67,7	66,9	67,1	67,2	67,9	68,3
Belgium	61,7	60,8	61,0	62,1	62,8	62,8
Belarus	…	…	72,3	72,8	73,6	74,1
Bulgaria	62,6	62,1	63,2	64,6	65,1	65,5
United Kingdom	68,5	68,8	69,4	70,0	70,4	70,8
Armenia	57,4	58,7	58,6	57,6	58,2	54,7
Greece	57,4	57,2	58,0	58,1	58,9	59,8
Georgia	49,9	49,7	50,9	50,1	59,2	62,6
Denmark	75,8	75,8	75,5	75,4	74,8	75,0
Estonia	71,3	71,8	71,7	72,2	71,6	73,0
Izrael	60,9	60,9	67,0	67,2	68,4	68,3
Spain	66,1	67,2	68,2	68,5	68,6	68,9
Italy	51,4	51,9	54,0	53,9	54,3	54,1
Kazakhstan	72,3	72,9	74,2	74,3	…	73,4
Canada	72,9	72,7	72,9	73,2	72,8	72,8
Kyrgyzstan	56,3	56,5	55,3	52,6	53,9	53,4
Latvia	71,2	70,3	72,0	71,6	70,9	72,1
Lithuania	…	…	…	…	…	…
Luxembourg	58,6	58,9	61,1	60,8	61,3	64,5

Table 21.5 continued

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	44,5	44,9	43,4	44,0	44,0	45,5
Netherlands	72,0	72,2	73,5	74,1	73,4	74,0
Germany	70,1	71,4	71,3	72,0	72,3	72,4
Norway	75,4	75,6	75,7	75,9	75,8	75,9
Poland	55,9	56,2	57,0	57,4	58,2	58,6
Portugal	69,7	69,5	69,7	69,7	70,0	70,2
Russian Federation	67,8	68,3	68,5	68,5	…	…
Romania	56,2	56,2	56,5	56,4	57,1	56,9
Slovakia	62,1	60,9	61,8	62,6	63,0	64,5
Slovenia	67,6	66,5	67,0	66,6	67,2	67,9
USA	66,0	65,2	65,7	65,4	65,2	65,2
Turkey	29,2	30,6	31,4	32,8	33,0	34,3
Finland	72,6	72,6	73,4	73,4	73,9	74,4
France	63,0	62,9	63,5	64,1	66,1	66,2
Croatia	59,6	57,6	57,9	58,5	61,3	62,1
Czech Republic	61,9	62,2	63,5	65,1	65,6	66,4
Switzerland	74,8	75,6	76,1	76,5	77,4	…
Sweden	76,2	77,3	77,9	78,8	79,3	79,9

[1] Excluding the temporarily occupied territories of the Autonomous Republic of Crimea and the city of Sevastopol

21.6. Economic activity rate of men aged 15–64

(percent)

	2010	2011	2012	2013	2014	2015
Ukraine	**72,4**	**73,3**	**73,9**	**74,1**	**72,3**[1]	**72,6**
Austria	78,5	78,3	78,7	78,9	78,5	78,5
Azerbaijan	72,6	72,0	72,2	72,7	73,1	73,3
Belgium	73,2	71,7	71,8	72,2	72,1	71,7
Belarus	…	…	75,7	76,7	77,7	78,2
Bulgaria	71,1	69,9	70,7	72,0	72,8	73,0
United Kingdom	79,8	79,9	80,3	80,4	80,4	80,5
Armenia	71,7	67,7	66,8	65,8	66,2	64,8
Greece	76,8	75,7	75,6	76,2	76,0	76,4
Georgia	62,5	62,3	64,5	64,0	76,6	80,1
Denmark	82,3	82,0	81,1	80,3	80,8	81,2
Estonia	76,4	78,0	78,0	78,3	78,9	79,8
Izrael	68,1	68,2	75,6	75,6	75,9	75,9
Spain	80,1	79,8	79,5	79,1	78,9	79,1
Italy	73,5	73,4	74,4	73,5	73,3	73,9
Kazakhstan	79,9	80,4	81,8	82,1	…	82,0
Canada	79,2	79,3	79,1	79,2	79,1	79,7
Kyrgyzstan	80,4	80,6	80,5	79,7	78,2	78,8
Latvia	74,8	75,1	75,9	75,8	76,2	77,4
Lithuania	73,2	73,6	73,7	74,7	76,0	…
Luxembourg	73,0	72,2	73,2	72,7	72,6	74,0

Table 21.6 continued

	2010	2011	2012	2013	2014	2015
Moldova, Republic of	48,4	49,0	47,2	48,1	47,5	48,6
Netherlands	82,6	81,9	83,0	83,8	83,4	83,3
Germany	80,5	81,6	81,5	81,4	81,3	80,6
Norway	80,3	79,6	80,4	80,0	79,6	80,0
Poland	68,9	69,4	70,0	70,5	71,1	71,4
Portugal	77,8	77,9	77,2	76,3	76,4	76,4
Russian Federation	77,5	78,0	78,4	78,7	…	…
Romania	73,8	72,2	73,2	73,5	74,5	75,8
Slovakia	76,7	76,6	77,2	77,3	77,8	77,7
Slovenia	75,3	74,0	73,8	74,2	74,6	75,3
USA	75,7	74,9	74,6	74,5	74,3	74,3
Turkey	71,0	72,2	72,2	72,8	74,0	74,3
Finland	75,8	76,3	76,2	76,0	76,0	76,3
France	70,9	70,7	71,4	71,6	73,2	73,2
Croatia	70,6	70,7	69,8	68,8	71,0	71,4
Czech Republic	79,2	78,7	79,5	80,6	81,2	81,4
Switzerland	86,8	86,9	86,9	86,8	86,7	…
Sweden	81,8	82,4	82,6	83,3	83,6	83,5

[1] See the footnote to Table 21.5

21.7. Unemployment rate

(on average per year; percentage of economically active population)

	2010	2011	2012	2013	2014	2015	2016
Ukraine[1]	**8,1**	**7,9**	**7,5**	**7,2**	**9,3[2]**	**9,1**	**9,3**
Austria	4,8	4,6	4,9	5,4	5,6	5,7	6,0
Azerbaijan	5,6	5,4	5,2	5,0	4,9	5,0	5,0
Belgium	8,3	7,2	7,6	8,4	8,5	8,5	7,8
Belarus[3]	0,7	0,6	0,5	0,5	0,5	1,0	0,8
Bulgaria	10,3	11,3	12,3	13,0	11,4	9,2	7,6
United Kingdom	7,8	8,1	7,9	7,5	6,1	5,3	4,8
Armenia[3]	19,0	18,4	17,3	16,2	17,6	18,5	18,0
Greece	12,7	17,9	24,5	27,5	26,5	24,9	23,6
Georgia	16,3	15,1	15,0	14,6	12,4	12,0	11,8
Denmark	7,5	7,6	7,5	7,0	6,6	6,2	6,2
Estonia	16,7	12,3	10,0	8,6	7,4	6,2	6,8
Israel	6,7	5,6	6,9	6,2	5,9	5,3	…
Spain	19,9	21,4	24,8	26,1	24,5	22,1	19,6
Italy	8,4	8,4	10,7	12,1	12,7	11,9	11,7
Kazakhstan	5,8	5,4	5,3	5,2	5,0	5,0	5,0
Canada	8,1	7,5	7,3	7,1	6,9	6,9	7,0
Kyrgyzstan	8,6	8,5	8,4	8,3	8,0	7,6	7,2
Latvia	19,5	16,2	15,0	11,9	10,8	9,9	9,6
Lithuania	17,8	15,4	13,4	11,8	10,7	9,1	7,9
Luxembourg	4,6	4,8	5,1	5,9	6,0	6,5	6,3

Table 21.7 continued

	2010	2011	2012	2013	2014	2015	2016
Moldova, Republic of	7,4	6,8	5,6	5,2	4,0	5,0	4,2
Netherlands	5,0	5,0	5,8	7,3	7,4	6,9	6,0
Germany	7,0	5,8	5,4	5,2	5,0	4,6	4,1
Norway	3,6	3,3	3,2	3,5	3,5	4,4	4,7
Poland	9,7	9,7	10,1	10,3	9,0	7,5	6,2
Portugal	12,0	12,9	15,8	16,4	14,1	12,6	11,2
Russian Federation	7,3	6,5	5,5	5,5	…	…	…
Romania	7,0	7,2	6,8	7,1	6,8	6,8	5,9
Slovakia	14,5	13,7	14,0	14,2	13,2	11,5	9,7
Slovenia	7,3	8,2	8,9	10,1	9,7	9,0	8,0
USA	9,6	8,9	8,1	7,4	6,2	5,3	4,9
Tajikistan[3]	2,1	2,3	2,4	2,3	2,4	2,3	2,3
Turkey	11,1	9,1	8,4	9,0	9,9	10,3	10,9
Hungary	11,2	11,0	11,0	10,2	7,7	6,8	5,1
Uzbekistan[3]	5,4	5,0	4,9	4,9	5,1	5,2	5,2
Finland	8,4	7,8	7,7	8,2	8,7	9,4	8,8
France	9,3	9,2	9,8	10,3	10,3	10,4	10,1
Croatia	11,8	13,7	15,8	17,4	17,2	16,1	13,4
Czech Republic	7,3	6,7	7,0	7,0	6,1	5,1	4,0
Switzerland	4,5	4,0	4,2	4,4	4,5	4,5	4,3
Sweden	8,6	7,8	8,0	8,0	7,9	7,4	6,9

[1] For persons aged 15–70 year old
[2] See the footnote to Table 21.5
[3] Registered unemployment rate end of year

21.8. GDP volume indices

(at the 2010 prices and PPPs; percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016
Ukraine	**104,1**	**105,5**	**100,2**	**100,0**	**93,4**	**90,2**	**102,4**
Austria	101,8	102,9	100,7	100,0	100,8	101,1	101,5
Azerbaijan	105,0	100,1	102,2	105,8	102,8	101,1	96,9
Belgium	102,7	101,8	100,2	100,2	101,4	101,4	101,5
Belarus	107,8	105,5	101,7	101,0	101,7	96,2	97,5
Bulgaria	101,3	101,9	100,0	100,9	101,3	103,6	103,9
United Kingdom	101,7	101,5	101,5	102,1	103,1	102,3	101,9
Armenia	102,2	104,7	107,2	103,3	103,6	103,2	100,2
Greece	94,5	90,9	92,7	96,8	100,7	99,7	99,8
Georgia	106,2	107,2	106,4	103,4	104,6	102,9	102,8
Denmark	101,9	101,3	100,2	100,9	101,6	101,6	102,0
Estonia	102,3	107,6	104,3	101,9	102,9	101,7	102,1
Israel	105,5	105,2	102,2	104,2	103,5	102,6	104,0
Spain	100,0	99,0	97,1	98,3	101,4	103,4	103,3
Italy	101,7	100,6	97,2	98,3	100,1	101,0	100,9
Kazakhstan	107,3	108,9	104,8	106,0	104,2	101,2	101,1
Canada	102,9	103,1	101,6	102,3	102,9	100,9	101,4
Kyrgyzstan	99,5	106,0	99,9	110,5	104,0	103,9	103,8
Latvia	96,1	106,4	104,0	102,4	101,9	103,0	102,2
Lithuania	101,6	106,0	103,8	103,5	103,5	102,0	102,3

Table 21.8 continued

	2010	2011	2012	2013	2014	2015	2016
Luxembourg	104,9	102,5	99,6	103,7	105,8	102,9	103,1
Moldova, Republic of	107,1	106,8	99,3	109,4	104,8	99,6	104,3
Netherlands	101,4	101,7	98,9	99,8	101,4	102,3	102,2
Germany	104,1	103,7	100,5	100,5	101,9	101,7	101,9
Norway	100,7	101,0	102,7	101,0	102,0	102,0	101,1
Poland	103,6	105,0	101,6	101,4	103,3	103,8	102,9
Portugal	101,9	98,2	96,0	98,9	100,9	101,8	101,6
Russian Federation	104,5	104,3	103,4	101,3	…	…	…
Romania	97,2	102,0	101,2	103,5	103,1	104,0	104,8
Slovakia	105,0	102,8	101,7	101,5	102,8	103,8	103,3
Slovenia	101,2	100,6	97,3	98,9	103,0	102,3	103,1
USA	102,5	101,6	102,2	101,7	102,6	102,9	101,5
Tajikistan	106,5	102,4	107,5	107,4	106,7	106,0	106,9
Turkey	108,5	111,1	104,8	108,5	105,2	106,1	103,2
Hungary	100,7	101,7	98,4	102,1	104,2	103,4	102,2
Uzbekistan	108,5	108,3	108,2	108,0	108,0	108,0	…
Finland	103,0	102,6	98,6	99,2	99,4	100,1	102,1
France	102,0	102,1	100,2	100,6	100,9	101,1	101,2
Croatia	98,6	99,7	97,8	99,4	99,9	102,3	103,2
Czech Republic	102,3	101,8	99,2	99,5	102,7	105,3	102,6
Switzerland	103,0	101,7	101,0	101,9	102,4	101,2	101,4
Sweden	106,0	102,7	99,7	101,2	102,6	104,5	103,2

21.9. Consumer price indices

(percentage of the previous year)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine	**109,4**	**108,0**	**100,6**	**99,7**	**112,1**	**148,7**	**113,9**	**114,4**
Austria	101,8	103,3	102,5	102,0	101,6	100,9	100,9	102,1
Azerbaijan	105,7	107,8	101,0	102,4	101,4	104,0	112,4	112,8
Belgium	102,2	103,5	102,8	101,1	100,3	100,6	102,0	102,1
Belarus	107,7	153,3	159,1	118,3	118,3	113,6	111,9	106,2
Bulgaria	102,4	104,2	103,0	100,9	98,6	99,9	99,2	102,1
United Kingdom	103,3	104,5	102,8	102,6	101,5	100,1	100,6	102,7
Armenia	108,2	107,7	102,6	105,8	103,0	103,7	98,7	102,1
Greece	104,7	103,3	101,5	99,1	98,7	98,3	99,2	101,1
Georgia	107,1	108,5	99,1	99,5	103,1	104,0	102,1	106,0
Denmark	102,3	102,8	102,4	100,8	100,6	100,5	100,2	101,1
Estonia	103,0	105,0	103,9	102,8	99,9	99,5	100,1	103,4
Israel	102,7	103,5	101,7	101,5	100,5	99,4	99,5	100,2
Spain	101,8	103,2	102,4	101,4	99,9	99,5	96,9	102,0
Italy	101,5	102,7	103,0	101,2	100,2	100,0	99,9	101,2
Kazakhstan	107,1	108,3	105,1	105,8	106,7	106,6	114,5	103,2
Canada	101,8	102,9	101,5	100,9	101,9	101,1	101,4	101,6
Kyrgyzstan	108,0	116,6	102,8	106,6	107,5	106,5	100,4	103,2
Latvia	98,9	104,4	102,3	100,0	100,6	100,2	100,1	102,9
Lithuania	101,3	104,1	103,1	101,0	100,1	99,1	100,9	103,5

Table 21.9 continued

	2010	2011	2012	2013	2014	2015	2016	2017
Luxembourg	102,3	103,4	102,7	101,7	100,6	100,5	100,3	101,7
Moldova, Republic of	107,4	107,6	104,6	104,6	105,1	109,7	106,4	105,5
Netherlands	101,3	102,3	102,5	102,5	101,0	100,6	100,3	101,4
Germany	101,1	102,1	102,0	101,5	100,9	100,2	100,5	101,7
Norway	102,4	101,3	100,7	102,1	102,0	102,2	103,6	101,9
Poland	102,7	104,3	103,6	101,0	100,1	99,1	99,4	102,0
Portugal	101,4	103,7	102,8	100,3	99,7	100,5	100,6	101,4
Russian Federation	106,9	108,4	105,1	106,7	…	…	…	…
Romania	106,1	105,8	103,3	104,0	101,1	99,4	98,5	100,5
Slovakia	101,0	103,9	103,6	101,4	99,9	99,7	99,5	101,3
Slovenia	101,8	101,8	102,6	101,8	100,2	99,5	99,9	101,4
USA	101,6	103,2	102,1	101,5	101,6	100,1	101,3	102,1
Tajikistan	106,4	112,4	105,8	105,0	106,1	105,7	106,0	111,5
Turkey	108,6	106,5	108,9	107,5	108,9	107,7	107,8	111,1
Hungary	104,9	103,9	105,7	101,7	99,8	99,9	100,4	102,3
Finland	101,2	103,4	102,8	101,5	101,0	99,8	100,4	100,8
France	101,5	102,1	102,0	100,9	100,5	100,0	100,2	101,0
Croatia	101,0	102,3	103,4	102,2	99,8	99,5	98,9	101,1
Czech Republic	101,4	101,9	103,3	101,4	100,4	100,3	100,7	102,4
Switzerland	100,7	100,2	99,3	99,8	100,0	98,9	99,6	100,5
Sweden	101,2	103,0	100,9	100,0	99,8	100,0	101,0	101,8

21.10. Industrial production indices

(percent of the previous year)

	2010	2011	2012	2013	2014	2015	2016	2017
Ukraine[1]	**112,0**	**108,0**	**99,5**	**95,7**	**89,9**	**87,0**	**102,8**	**100,4**
Austria	107,1	106,2	99,9	100,8	100,8	102,3	102,9	103,4
Azerbaijan	102,6	95,0	97,7	101,8	99,3	102,4	99,5	97,3
Belgium	111,5	104,7	97,8	100,8	100,9	100,2	104,6	102,8
Belarus	111,7	109,1	105,8	95,1	101,9	93,4	99,6	106,1
Bulgaria	102,0	105,8	99,7	99,8	101,8	102,9	102,6	103,5
United Kingdom	103,2	99,4	97,3	99,3	101,6	101,1	100,8	101,9
Armenia	109,7	114,1	108,8	106,8	102,7	105,2	106,7	112,6
Greece	93,9	94,2	97,9	96,8	98,1	101,0	102,5	104,4
Georgia	114,6	121,5	105,6	100,6	104,6	107,7	103,3	103,3
Denmark	101,9	101,8	100,2	100,4	100,9	101,2	103,4	100,7
Estonia	123,5	119,9	101,1	104,1	103,9	100,3	102,4	107,7
Israel	109,5	102,1	104,0	100,5	101,2	102,2	101,7	103,6
Spain	100,9	97,9	93,4	98,1	101,6	103,3	101,5	102,7
Italy	107,0	100,4	94,0	96,9	98,9	101,8	101,2	102,5
Kazakhstan	110,0	110,0	100,5	102,3	100,2	98,4	98,9	107,1
Canada	104,8	104,9	100,0	101,5	105,0	99,4	100,5	…
Kyrgyzstan	109,8	111,9	84,1	128,6	98,4	99,8	101,8	113,2
Latvia	114,8	109,0	106,2	99,0	99,0	103,6	105,4	108,4
Lithuania	106,4	106,3	103,7	103,2	100,1	104,9	102,8	107,2

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