

Державна служба статистики України
STATE STATISTICS SERVICE OF UKRAINE

Україна співпрацює з країнами Євросоюзу
в різних сферах економіки, науки, освіти, культури, спорту, молодіжних питань, регіонального розвитку, гуманітарної допомоги, зокрема в галузях, які мають стратегічне значення для економіки та розвитку України.

2018
*COOPERATION BETWEEN UKRAINE
AND EU COUNTRIES
IN 2018*

Статистичний довідник
STATISTICAL YEARBOOK

Київ
KYIV
2019

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

A complex musical score for a single melodic line, featuring various rhythmic values, accidentals, and dynamic markings. The notation is dense and includes many accidentals (sharps, flats, naturals) and dynamic markings (p, f, mf, sfz, etc.). The score is written on a single staff with a key signature of one flat (B-flat) and a common time signature (C). The music is in a single melodic line, with no accompaniment. The notation is complex, with many accidentals and dynamic markings, and the rhythm is highly varied, including many sixteenth and thirty-second notes. The score is written in a single staff with a key signature of one flat (B-flat) and a common time signature (C). The music is in a single melodic line, with no accompaniment. The notation is complex, with many accidentals and dynamic markings, and the rhythm is highly varied, including many sixteenth and thirty-second notes.

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$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

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X 287-01-88, 287-20-33

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χ : 01601, $\parallel$. $\triangle$ . $\approx$  4-6, . 419-2

χ 287-03-79, 287-77-62

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State Statistics Service of Ukraine

Accountable for issue A. FRYZORENKO

The publication includes the information by volumes of foreign trade of Ukraine in goods and services with EU countries and information by direct investment (equity capital) from EU countries to Ukraine and from Ukraine to EU countries. The information is given excluding the temporarily occupied territory of the Autonomous Republic of Crimea, Sevastopol city and a part of temporarily occupied territories in the Donetsk and Luhansk regions. The information of foreign trade in services and direct investment is given to the confidentiality requirements in accordance with the requirements of the Law of Ukraine on the State Statistics.

Indicators are presented in tables and graphics in this publication.

The publication is prepared in Ukrainian and English.

Addressed to a wide circle of users.

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Abbreviations used in the publication:

thsd.		thousand
mln.		million
USD		USD
Q		quarter

Symbols used in the publication:

Dash ()		no occurrences recorded
Zero (0,0)		occurrences recorded, however the amount is less than what could be expressed with the available number of digits
		according to Ukraine's Law On State Statistics, information is confidential
Comment		in some tables sum of components by rows and columns could not be equal to the total due to rounding off the data

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1. Зовнішньоторговельний баланс
FOREIGN TRADE IN GOODS AND SERVICES

Додаток 1.1/Continued table 1.1

	2016	2017	2018
Товари/Services			
Європейські країни, млн. USD			
Вирати/Exports	3004,9	3452,7	3979,9
% до попереднього року	102,6	114,9	115,3
Імпорт/Imports	2421,6	2532,5	3355,8
% до попереднього року	88,1	104,6	132,5
Баланс	583,3	920,2	624,1
Відношення експорту до імпорту	1,24	1,36	1,19
% до загального обсягу			
Вирати/Exports	30,5	32,2	34,2
Імпорт/Imports	45,5	46,2	53,2

- commodities that cross Ukraine boarder as a transaction between main corporations and enterprises of their direct investment (branches or units);
- caught fish, minerals from the sea bed that are unloaded from foreign vessel in the national port or purchased by the national vessel from foreign vessel in the high sea;
- caught fish, sea products, minerals from sea bed and the rescued cargo sold by the national vessel in the foreign port or to foreign vessel in the high sea;
- commodities sent by mail or through courier service. These commodities are subject to recording if their volume or value exceed the level fixed by Ukraine legislation;
- commodities imported for the needs of foreign enclaves in Ukraine;
- commodities imported (exported) for mutual barter or purchasing/selling between specific legal persons;
- bunker fuel, ballast, vessel stock or other materials.

Exports/imports of goods exclude:

- direct transit trade;
- charter flights, leasing;
- commodities whose value does not exceed the threshold of statistical observation;
- national and foreign currency (excluding those used for numismatics), securities;
- commodities that are not used for commercial transactions (are include into foreign services);
- commodities moved by natural persons whose volume or value does not exceed the level fixed by the Ukraine legislation for written declaration;
- periodicals (papers, magazines) set out by direct subscription;
- commodities bought by diplomatic representative offices for their own needs, armed forces, research organizations or other Ukraine representative offices on the country's territory where they are located;
- material specially-tailored media that contain the intellectual activity objects, for instance for military, special and dual purposes and that are not meant for direct realization on retail market;
- commodities that are temporarily imported/exported for less than 1 year;
- commodities that are lost or destroyed after transportation from the economic territory of exporter-country but before they were brought to the economic territory of importer-country are not subject to inclusion into imports statistics of importer-country (although they are included into exports statistics of exporter-country);
- commodities meant for the national organizations activities abroad;
- commodities moved through the customs boarder between the country's military units deployed on the country's customs territory and outside this territory;
- commodities delivered for reclamation, guarantee maintenance;
- air vessels moved through the country's boarder for technical maintenance;
- commodities moved through the country's boarder for repair;
- demonstration articles;
- commodities moved for entertainment and sport events;
- commodities delivered on account of mortgage;
- samples of commodities;
- transportation packing moved through the boarder, for instance empty bottles return for re-use;
- wastes resulted from processing of goods on the country's customs territory and processing for internal consumption;
- natural gas delivered to underground gas reservoirs;
- commodities moved through pipelines for commissioning work;
- commodities previously imported and placed under other customs regime on the country's customs territory that have been included into the country's imports are not recorded once more in customs statistics of the country's foreign trade;
- fish caught in the high seas by the country's national vessel and shipped on the economic territory;
- volumes of commodities that imported/exported by natural persons.

The terms of commodity deliveries used when compiling Ukraine statistics of foreign trade are identified according to International Rules for Treatment of Trading Terms (2010) that are applied in Ukraine.

The statistical value is calculated through the conversion of value of commodities into the US dollars according to rate set by the National Bank of Ukraine for the day when the customs declaration was completed. For the commodities that are presented via statistical reports, the conversion of value of commodities into the US dollars is based on average monthly and average quarterly official rates for currencies fixed by the National Bank of Ukraine.

Quantitative record of commodities

The quantitative record of commodities is based on net weight, kilograms. If necessary, for collection and processing of statistical data, the parallel record of commodities is done by quantity expressed in additional units of measurement (pieces, liters, cubic liters, etc.). These units of measurement are indicated in the Classification line Additional unit of measurement.

Partner-countries

In Ukraine statistics of foreign trade in goods, there are the following partner-countries:

- for exports – country of destination;
- for imports – country of origin.

The record of commodity exports is done by trading country if at the moment of commodity exports the country of destination is unknown.

The record of commodity imports is done by shipment country:

- commodities whose country of origin is unknown at the moment of shipment;
- re-imported commodities;
- commodities included in Group 97 of Ukrainian Classification of Commodities in Foreign Trade (art works, collection items, antique items);
- commodities received as human aid.

The country of last known destination is the last country in which, as far as is known at the time of export, goods must be delivered regardless of the country to which they were originally shipped and whether or not they are the subject of any commercial or other operations that change their legal status.

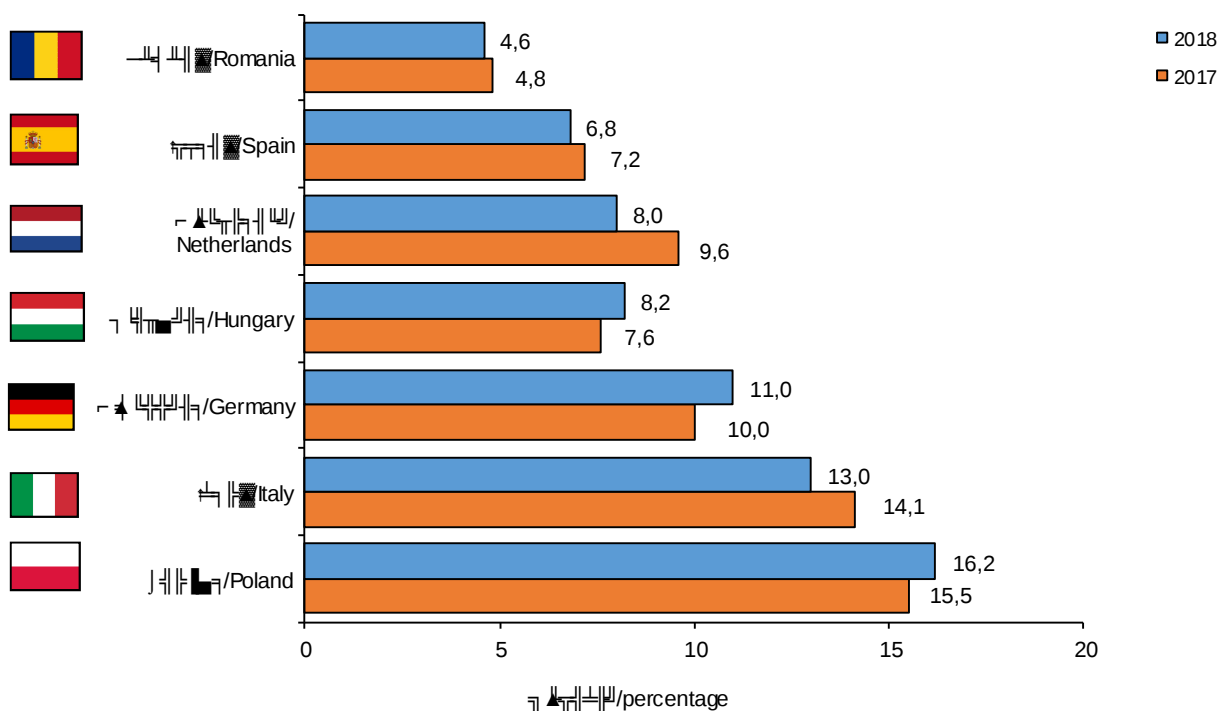
Trading country - the country where the buyer of the goods is a resident (counterparty of the seller). Trading country when exporting - a country in which a person acting as a counterparty of a domestic person is registered or permanently resident in the course of the foreign economic transaction.

The country of origin of the goods is the country in which the goods were wholly produced or sufficiently processed. In this case, the country of origin of the goods can be understood as a group of countries, customs unions of countries, region or part of the country, if there is a need for their allocation for the purpose of determining the origin of goods.

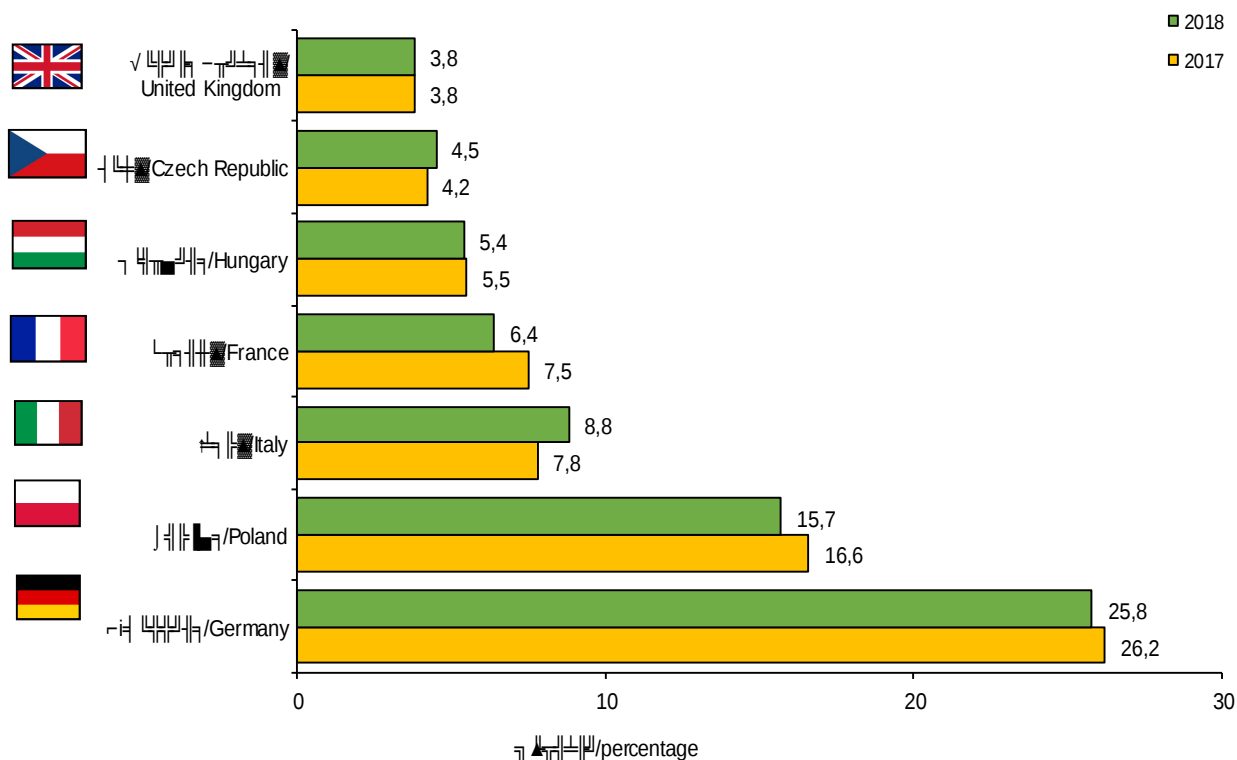
2.1/Continued table 2.1

	Exports		Imports		Balance
	thsd. USD	% of the total volume	thsd. USD	% of the total volume	
Hungary	1646045,9	8,2	1260239,9	5,4	385806,1
Finland	80642,8	0,4	326187,7	1,4	-245544,9
France	537647,1	2,7	1480571,5	6,4	-942924,4
Croatia	35010,5	0,2	46453,3	0,2	-11442,7
Czech Republic	878035,7	4,4	1034786,6	4,5	-156750,9
Sweden	70190,2	0,3	465479,2	2,0	-395289,0
For information:					
Ukraine, total	47334987,0	100,0	57187578,0	100,0	-9852591,0

2.2. Major partner countries EU in exports of goods, 2017-2018



2.3. Major partner countries EU in imports of goods, 2017-2018



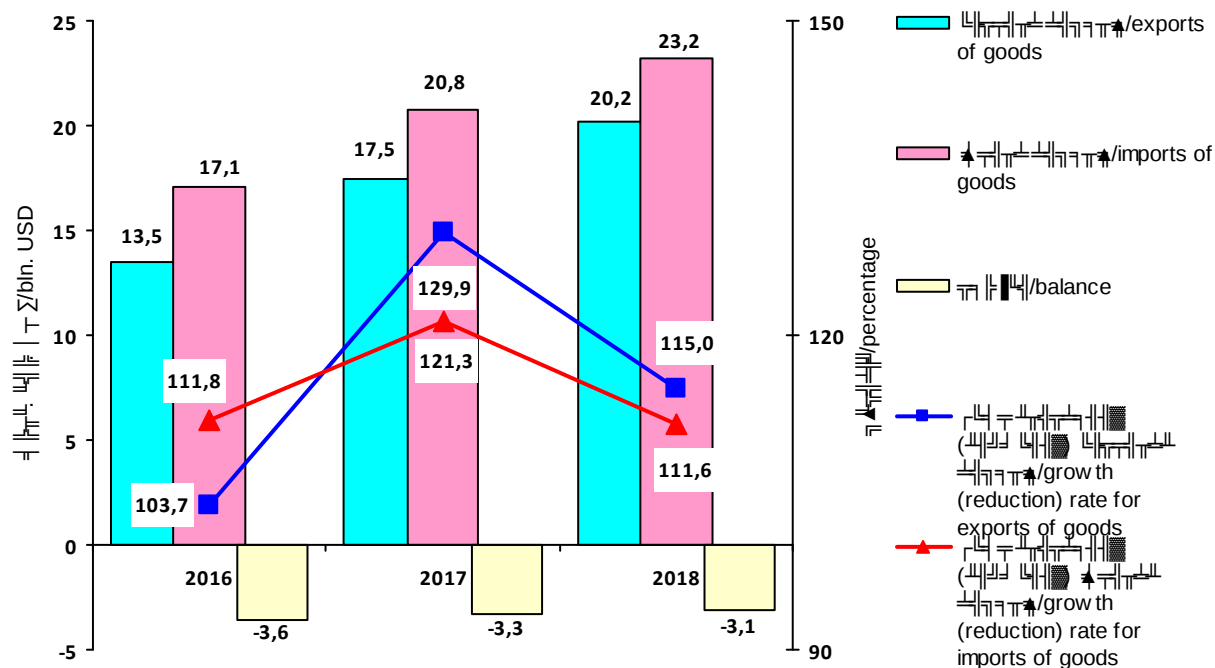
2.4/Continued table 2.4

	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
Hungary	1326389,2	1646045,9	124,1	1152307,5	1260239,9	109,4
Finland	78803,1	80642,8	102,3	253299,3	326187,7	128,8
France	419052,1	537647,1	128,3	1563751,8	1480571,5	94,7
Croatia	24186,0	35010,5	144,8	31148,1	46453,3	149,1
Czech Republic	715165,1	878035,7	122,8	869534,6	1034786,6	119,0
Sweden	77400,8	70190,2	90,7	433520,5	465479,2	107,4

¹ Including commodities that were not distributed.

¹ Including commodities that were not distributed.

2.5. Indicators of foreign trade in goods with EU countries



2.6. Dynamics of commodity structure of exports and imports with EU countries

(thsd. USD)						
	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
EU countries, total¹	17533403,9	20157012,7	115,0	20799357,1	23216495,4	111,6
I. Live animals and livestock products						
01 live animals	674,3	633,8	94,0	56935,8	70662,7	124,1
02 meat and meat preparations	136406,5	237549,5	174,1	108367,7	157375,5	145,2
03 fish and crustacea	20174,9	18589,1	92,1	78284,7	97020,8	123,9
04 milk and milk products; eggs; honey	120819,4	116177,9	96,2	80158,0	101092,0	126,1
05 other animal products	4462,4	5946,7	133,3	5059,7	4965,8	98,1
II. Plant products						
06 seedings and other trees	1229,3	1425,4	116,0	21827,0	27268,0	124,9
07 vegetables	35672,6	92281,3	258,7	24024,3	28955,7	120,5
08 eatable fruits and nuts	139214,8	152927,8	109,9	95956,1	75315,8	78,5
09 coffee, tea	3294,9	3440,6	104,4	64067,7	69514,3	108,5
10 cereals	1709341,8	2223132,0	130,1	113002,6	117247,7	103,8
11 flour-grinding products	18282,3	25047,6	137,0	8556,2	10816,6	126,4

2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
12 oil seeds and fruits	1095171,6	1163531,7	106,2	128829,3	140755,1	109,3
13 shellac natural	67,0	272,7	406,8	13714,9	14670,5	107,0
14 plant materials for producing	23168,4	32849,4	141,8	32,6	55,5	170,3
III.15 Animal or plant fats and oils	1475659,4	1143823,4	77,5	53079,5	59959,2	113,0
IV. Finished food industry products	865181,6	908515,4	105,0	1161883,5	1444842,1	124,4
16 preparations from meat, fish	2858,9	3171,6	110,9	33016,5	36746,6	111,3
17 sugar and sugar confectionery	53223,1	68712,0	129,1	31513,2	40411,5	128,2
18 cocoa and cocoa preparations	38249,8	51231,2	133,9	130290,4	174169,9	133,7
19 preparations of grains	96103,0	78980,4	82,2	98397,6	128166,9	130,3
20 products of vegetables processing	108792,6	95983,1	88,2	87216,7	109030,6	125,0
21 other mixed foodstuffs	37046,1	46120,3	124,5	254202,7	292714,8	115,2
22 alcoholic and non-alcoholic beverages, vinegar	26531,0	37784,0	142,4	245164,8	309205,2	126,1

2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
23 remains and wastes of food industry	497482,7	520128,9	104,6	140480,3	179005,5	127,4
24 tobacco and industrial substitutes of tobacco	4894,4	6403,9	130,8	141601,4	175391,0	123,9
V. Mineral products	2286453,3	2704062,3	118,3	3117616,5	3272873,9	105,0
25 salt, sulphur, soil and stones	210197,7	230577,7	109,7	68623,0	71458,5	104,1
26 ores, slags, ashes	1544899,2	1817981,9	117,7	6076,4	8817,2	145,1
27 mineral fuel, petroleum and petroleum distillation products	531356,4	655502,8	123,4	3042917,1	3192598,2	104,9
VI. Products of chemical and allied industries	430961,0	583355,0	135,4	3569454,4	4017674,4	112,6
28 inorganic chemicals	77613,9	137745,1	177,5	98020,7	103846,7	105,9
29 organic chemical combinations	112327,0	199329,8	177,5	187478,9	208514,1	111,2
30 pharmaceutical products	14590,0	21736,2	149,0	1291744,3	1418666,0	109,8
31 fertilizers	45851,7	18701,5	40,8	149508,5	256496,6	171,6
32 tanning extracts	56056,7	65929,0	117,6	248406,2	270470,9	108,9
33 essential oils	19797,5	20148,2	101,8	436245,7	515590,9	118,2

2.6/Continued table 2.6

	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
34 soap and surface active agents	16690,4	22706,7	136,0	227917,1	266355,9	116,9
35 albumens	40605,3	42035,6	103,5	79599,4	86354,0	108,5
36 explosives	10245,1	6819,2	66,6	3552,1	4571,4	128,7
37 photo and cinema articles	20,3	34,1	168,6	14395,4	14999,7	104,2
38 other chemical products	37163,1	48169,4	129,6	832586,1	871808,2	104,7
VII. Polymeric materials, plastics and articles of them	144287,9	183743,1	127,3	1566973,7	1701634,5	108,6
39 plastics and polymeric materials	124488,5	163636,6	131,4	1275166,1	1387070,5	108,8
40 rubber and articles of rubber	19799,4	20106,4	101,6	291807,7	314564,0	107,8
VIII. Raw leather and curry leather	141855,7	156287,1	110,2	147517,3	140053,3	94,9
41 raw leather	76530,0	86212,2	112,7	115893,1	108310,5	93,5
42 articles of leather	41444,7	44413,7	107,2	26827,0	28095,5	104,7
43 raw and synthetic fur	23881,1	25661,1	107,5	4797,2	3647,3	76,0
IX. Wood and articles of wood	835214,2	1043749,4	125,0	134931,4	153431,8	113,7

2.6/Continued table 2.6

	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
44 wood and articles of wood	834219,5	1042855,4	125,0	128220,3	146393,3	114,2
45 cork and articles of cork	62,1	94,9	152,8	6656,6	6953,9	104,5
46 articles of straw	932,6	799,1	85,7	54,5	84,5	154,9
X. Paper bulk from wood or other vegetable fibres	108795,6	108656,9	99,9	616102,2	701909,4	113,9
47 paper bulk	2671,0	2315,3	86,7	36267,5	46906,2	129,3
48 paper, paperboard	95366,4	96265,4	100,9	558617,7	633235,7	113,4
49 books, newspapers	10758,2	10076,2	93,7	21217,0	21767,4	102,6
I. Textiles materials and articles of textiles	620681,1	706375,0	113,8	711968,6	747380,6	105,0
50 silk	7,7	21,9	285,1	655,8	673,6	102,7
51 wool	3118,5	5516,7	176,9	40573,6	47088,9	116,1
52 cotton	1023,2	1224,2	119,6	58627,4	58997,5	100,6
53 other textile fibers	340,1	802,9	236,1	2226,9	1997,4	89,7
54 synthetic threads	2916,2	3755,8	128,8	59501,9	63725,8	107,1
55 synthetic staple fibers	5073,3	6967,9	137,3	68637,6	74649,6	108,8
56 cotton wool	19316,9	36375,7	188,3	80091,6	80422,4	100,4
57 carpets	6493,9	9095,5	140,1	19466,9	19102,2	98,1
58 special fabrics	2686,2	2531,9	94,3	37373,9	37007,3	99,0

2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
59 textile fabrics	1076,2	1518,1	141,1	99270,8	107075,7	107,9
60 knitted fabrics	10848,1	8825,7	81,4	44477,2	44232,6	99,5
61 knitted clothes and knitted articles of clothes	99637,0	112569,7	113,0	24940,0	30149,9	120,9
62 textile clothes and textile articles of clothes	368873,4	392368,7	106,4	26050,8	32673,9	125,4
63 other finished textile articles	99270,4	124800,3	125,7	150074,2	149583,8	99,7
XII. Footwear, hats umbrellas	140126,5	173650,9	123,9	51580,8	64429,6	124,9
64 footwear	135299,0	165598,4	122,4	48891,8	60378,4	123,5
65 hats	2898,5	4858,2	167,6	1007,2	2457,3	244,0
66 umbrellas	1768,7	2749,1	155,4	188,9	239,9	127,0
67 processed feather and down	160,3	445,3	277,8	1492,9	1354,0	90,7
XIII. Products from stone, gyps, cement	154240,4	197368,9	128,0	257829,1	291644,7	113,1
68 products from stone, gyps, cement	28991,9	40221,3	138,7	76361,9	85931,5	112,5
69 ceramic products	39428,7	49433,6	125,4	103010,5	119524,0	116,0
70 glass and preparations thereof	85819,8	107714,0	125,5	78456,7	86189,2	109,9

2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
XIV.71 Natural or cultured pearls, precious stones, metals and preparations thereof	10908,2	13952,1	127,9	23335,3	20871,3	89,4
XV. Base metals and preparations thereof	3751774,4	4437539,5	118,3	1041810,2	1228511,6	117,9
72 ferrous metals	3191437,1	3715247,3	116,4	269467,7	324331,8	120,4
73 preparations from ferrous metals	354062,3	479247,8	135,4	359323,4	411110,1	114,4
74 copper and preparation thereof	20286,3	26119,4	128,8	53363,8	72976,5	136,8
75 nickel and preparation thereof	1565,1	3381,9	216,1	4534,8	14243,8	314,1
76 aluminum and preparation thereof	73570,2	84834,7	115,3	137073,0	150463,4	109,8
78 lead and preparation thereof	41469,9	31251,1	75,4	782,0	737,5	94,3
79 zinc and preparation thereof	11,9	329,6	2767,3	5939,5	7106,4	119,6
80 tin and preparation thereof	156,8	298,1	190,2	1974,9	1811,0	91,7
81 other base metals	36515,6	58020,9	158,9	13246,2	17183,3	129,7
82 tools, cutlery products	3746,7	4637,1	123,8	76929,0	87594,5	113,9

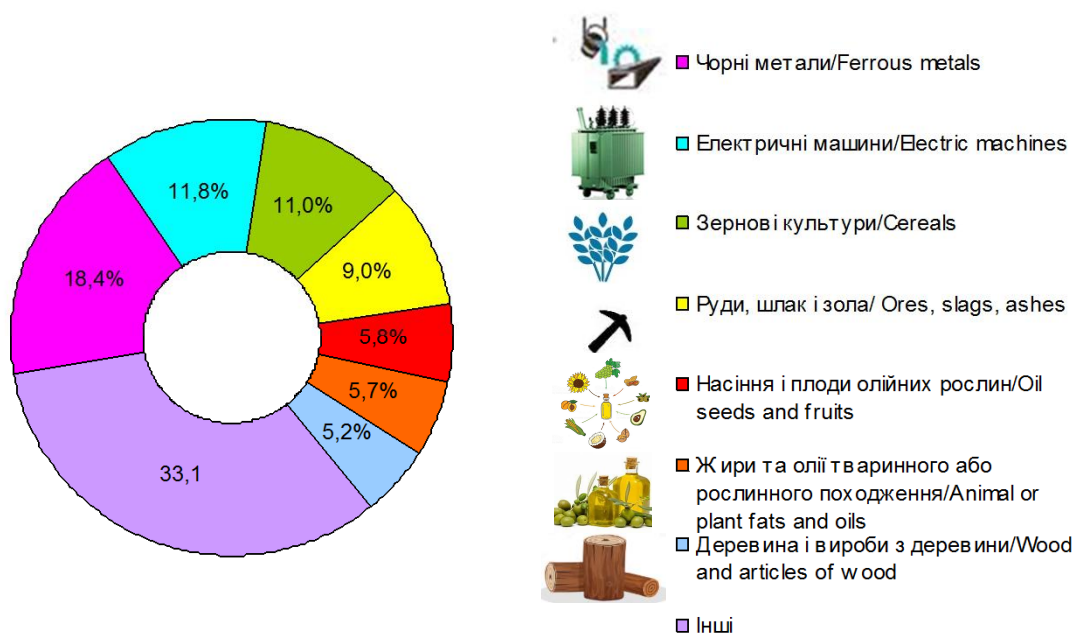
2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
83 other base metal products	28952,6	34171,6	118,0	119176,0	140953,3	118,3
XVI. Machines, equipment and mechanisms, electric and technical equipment	2484501,8	2859429,9	115,1	4535091,2	5134791,8	113,2
84 nuclear reactors, boilers, machines	441321,6	487958,6	110,6	2962101,3	3225371,5	108,9
85 electric machines	2043180,3	2371471,3	116,1	1572989,9	1909420,3	121,4
XVII. Ground, air and water transport facilities	158752,6	159975,6	100,8	2251612,4	2320035,7	103,0
86 rail locomotives	49418,3	65709,9	133,0	67312,7	50854,2	75,5
87 ground transport facilities excluding railway	37908,6	51449,3	135,7	2172321,6	2227268,1	102,5
88 aircrafts	4953,3	7118,8	143,7	8411,4	33542,5	398,8
89 vessels	66472,5	35697,5	53,7	3566,7	8370,9	234,7
XVIII. Optical, cinematographic apparatus	42057,6	37088,1	88,2	355570,8	439634,4	123,6
90 optical, cinematographic apparatus	41572,1	36331,1	87,4	351467,9	435663,5	124,0

2.6/Continued table 2.6						
	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
91 watches	72,2	291,5	404,1	2886,2	2729,0	94,6
92 musical instruments	413,4	465,5	112,6	1216,7	1241,9	102,1
XX. Different industrial products	549646,8	657844,2	119,7	279785,6	331740,7	118,6
94 furniture	418100,5	507183,2	121,3	105074,5	132516,8	126,1
95 toys	60578,0	75480,6	124,6	24100,2	27140,1	112,6
96 different finished products	70968,2	75180,4	105,9	150610,9	172083,8	114,3
I. 97 Art articles	151,1	755,9	500,3	653,8	1531,2	234,2
Goods purchased in (sea) ports	3306,5	4302,5	130,1	99244,8	164769,1	166,0

¹ Including commodities that were not distributed.

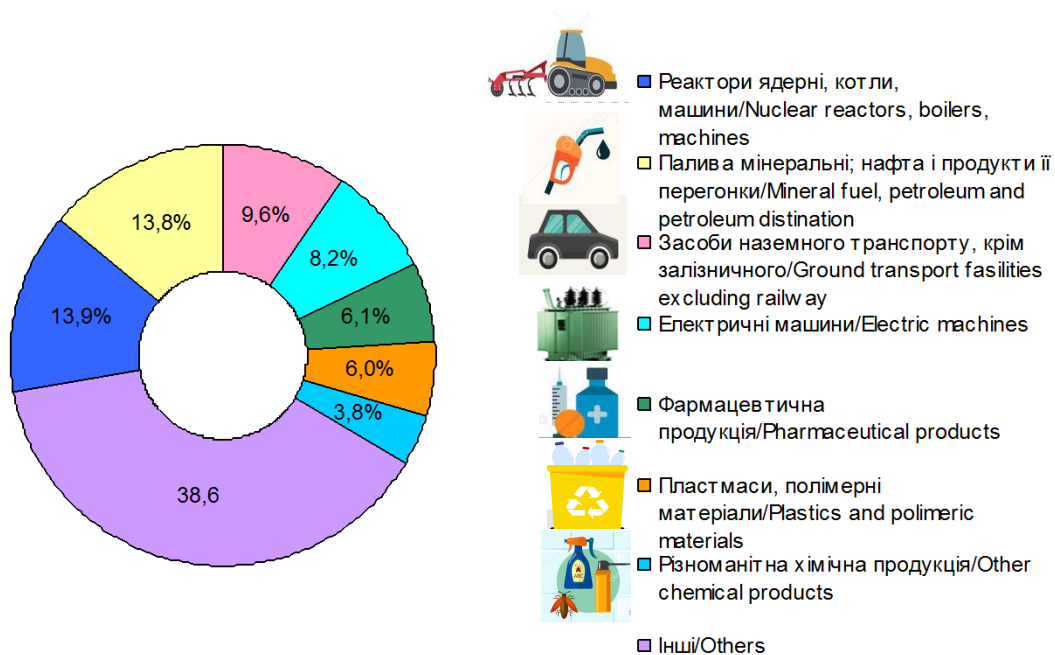
2.7. Structure of exports trade of goods with EU countries, 2018

2.7. Structure of exports trade of goods with EU countries, 2018



2.8. Structure of imports trade of goods with EU countries, 2018

2.8. Structure of imports trade of goods with EU countries, 2018



2.9. Ārējā tirdzniecība ar Eiropas Savienības valstīm ceturksņos 2018. gadā
 2.9. Foreign trade in goods with EU countries by quarters of 2018

	(mln. USD)							
	Eksports				Imports			
	I kv.	II kv.	III kv.	IV kv.	I kv.	II kv.	III kv.	IV kv.
Eiropas Savienība kopā	5070,7	4722,3	4817,2	5546,8	5226,1	5590,8	6108,1	6291,4
EU countries, total								
Āustrija	142,9	115,1	119,4	175,7	131,4	138,7	149,5	188,3
Austria								
Beļģija	79,3	78,0	252,1	194,2	124,9	161,4	137,1	130,4
Belgium								
Bulgārija	143,7	124,9	126,9	118,4	46,8	67,9	75,0	69,7
Bulgaria								
Apvienotā Karaliste	147,8	129,7	142,1	164,5	193,5	227,8	223,2	247,6
United Kingdom								
Grieķija	83,7	74,4	55,6	66,2	38,4	61,6	55,2	115,3
Greece								
Dānija	47,4	46,6	58,5	97,5	45,8	64,0	57,9	108,0
Denmark								
Ēstija	38,0	39,2	37,8	37,1	23,3	24,0	24,9	23,6
Estonia								
Irlande	41,7	8,1	4,1	23,6	33,6	35,9	37,1	37,2
Ireland								
Spānija	373,3	244,7	221,4	530,5	162,4	138,6	150,7	185,1
Spain								
Itālija	709,2	768,0	529,7	621,9	391,9	495,1	553,5	592,5
Italy								
Kipra	12,9	7,7	10,0	9,8	4,3	5,6	6,2	6,6
Cyprus								
Latvija	72,6	72,7	78,0	71,1	34,2	37,0	36,5	44,5
Latvia								
Litvānija	80,5	76,6	90,8	94,9	169,0	183,5	242,5	284,1
Lithuania								
Luksemburga	1,7	1,7	2,0	1,9	20,6	16,9	20,8	24,1
Luxembourg								
Malta	16,6	19,5	3,1	26,5	2,1	1,7	1,8	1,0
Malta								
Nīderlande	382,6	380,6	350,6	489,8	165,6	189,2	200,1	221,6
Netherlands								
Vācija	482,8	444,1	586,6	694,8	1363,9	1488,2	1708,9	1422,4
Germany								
Polija	816,1	825,6	784,5	831,0	835,4	875,9	956,8	973,9
Poland								
Portugāle	93,2	45,6	65,1	43,1	15,5	15,7	15,4	15,0
Portugal								
Rumānija	243,5	235,3	225,9	227,9	130,5	119,0	117,5	144,0
Romania								
Slovākija	242,7	210,4	209,7	201,2	121,2	118,0	135,6	151,1
Slovakia								
Slovēnija	6,7	8,8	9,3	8,5	41,9	44,3	46,9	57,4
Slovenia								

	2.9/Continued table 2.9							
	Exports				Imports			
	IQ	IIQ	IIIQ	IVQ	IQ	IIQ	IIIQ	IVQ
Hungary	434,6	399,8	401,6	410,1	303,0	295,8	337,1	324,4
Finland	20,3	20,0	26,8	13,5	85,6	76,6	80,8	83,2
France	111,8	99,6	178,0	148,2	425,6	314,7	333,9	406,4
Croatia	11,9	9,3	8,6	5,1	8,8	10,9	12,1	14,6
Czech Republic	217,7	217,4	221,6	221,4	208,8	256,0	260,9	309,1
Sweden	15,4	18,7	17,7	18,3	98,2	126,9	130,4	110,0

2.10. Dynamics of foreign trade in goods with EU countries by regions

(thsd. USD)

	2017			2018		
	Exports	Imports	Balance	Exports	Imports	Balance
EU countries, total	17533403,9	20799357,1	-3265953,2	20157012,7	23216495,4	-3059482,7
Vinnitsya	445330,1	211519,6	233810,5	499105,2	270506,8	228598,3
Volyn	535228,8	805141,3	-269912,5	571085,5	805910,3	-234824,8
Dnipropetrovsk	2314531,4	1470854,7	843676,7	2746458,5	1532410,8	1214047,7
Donetsk	2158081,7	273410,2	1884671,5	2442456,7	294343,8	2148112,9
Zhytomyr	343331,9	245173,9	98158,0	430209,6	283871,4	146338,2
Zakarpattia	1347047,2	831608,2	515439,0	1584346,8	928928,2	655418,6
Zaporizhzhya	865916,4	418943,8	446972,6	907252,9	479855,2	427397,8
Ivano-Frankivsk	411689,6	358419,6	53270,0	560375,1	342721,4	217653,7
Kyiv	642564,8	1808872,3	-1166307,5	766344,6	1932222,6	-1165878,0
Kirovohrad	95345,5	107491,3	-12145,8	116049,7	93319,6	22730,0
Luhansk	117979,7	57960,4	60019,3	74098,1	61548,6	12549,4
Lviv	1222259,1	1543698,8	-321439,7	1490793,4	1700780,1	-209986,7
Mykolayiv	269337,8	239608,6	29729,2	469125,8	253957,4	215168,4
Odesa	465832,8	375829,1	90003,7	461408,8	369044,6	92364,2
Poltava	892601,3	236631,8	655969,5	978880,0	314624,7	664255,3
Rivne	276906,7	177903,3	99003,4	319975,9	169219,1	150756,8
Sumy	206608,6	241385,8	-34777,2	260720,7	267233,8	-6513,1
Ternopil	258929,7	288557,5	-29627,8	318128,0	320428,3	-2300,3
Kharkiv	234542,0	503338,3	-268796,3	301433,0	566981,8	-265548,8
Kherson	90355,2	100892,0	-10536,8	97345,1	138476,9	-41131,8
Khmelnytskyi	228384,5	231359,7	-2975,2	304247,4	230093,9	74153,5

2.10/Continued table 2.10

	2017			2018		
	Exports	Imports	Balance	Exports	Imports	Balance
Cherkasy	210024,8	197544,9	12479,9	255134,0	178547,5	76586,5
Chernivtsi	99859,0	65415,8	34443,2	144892,3	85196,8	59695,5
Chernihiv	224568,5	175427,7	49140,8	304688,3	215410,4	89277,9
Kyiv city	3543622,9	7600348,1	-4056725,2	3744835,7	8957147,7	-5212312,0

2.11. Share of foreign trade in goods with EU countries in the total volumes of exports of regions

	2017		2018	
	% of the total volume of region	% 2016/ in % to 2016	% of the total volume of region	% 2017/ in % to 2017
EU countries, total	40,5	129,9	42,6	115,0
Vinnitsya	36,6	137,5	34,9	112,1
Volyn	77,6	112,5	79,3	106,7
Dnipropetrovsk	32,8	139,1	35,6	118,7
Donetsk	48,7	128,9	50,4	113,2
Zhytomyr	58,2	126,1	65,0	125,3
Zakarpattia	93,1	119,9	95,5	117,6
Zaporizhzhya	29,0	126,7	26,9	104,8
Ivano-Frankivsk	61,9	122,9	64,3	136,1
Kyiv	36,8	122,8	41,3	119,3
Kirovohrad	22,9	81,5	22,2	121,7
Luhansk	50,4	47,4	36,5	62,8
Lviv	77,1	128,5	78,6	122,0
Mykolayiv	14,2	87,4	22,2	174,2
Odesa	25,7	121,0	27,7	99,1
Poltava	47,9	153,9	51,4	109,7
Rivne	72,2	121,7	77,9	115,6
Sumy	30,7	129,7	32,5	126,2
Ternopil	68,1	125,5	70,3	122,9
Kharkiv	19,7	117,7	23,6	128,5
Kherson	31,2	122,5	36,1	107,7
Khmelnyskiy	48,8	144,8	47,7	133,2

2.11/Continued table 2.11

	2017		2018	
	% of the total volume of region	% 2016/ in % to 2016	% of the total volume of region	% 2017/ in % to 2017
Cherkasy	34,0	124,1	32,5	121,5
Chernivtsi	66,7	154,7	72,4	145,1
Chernihiv	35,9	175,9	40,4	135,7
Kyiv city	36,4	147,5	36,5	105,7

2.12. Share of foreign trade in goods with EU countries in the total volumes of imports of regions

Співробітництво між Україною та країнами ЄС 37

2.12/Continued table 2.12

	2017		2018	
	% of the total volume of region	% 2016/ in % to 2016	% of the total volume of region	% 2017/ in % to 2017
Cherkasy	49,0	137,3	44,8	90,4
Chernivtsi	57,8	120,9	61,0	130,2
Chernihiv	39,4	95,5	44,6	122,8
Kyiv city	38,3	118,3	38,1	117,9

$$\approx \frac{1}{2} \left(-\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2} \right) \psi$$

$\Rightarrow$ 若 $\lim_{n \rightarrow \infty} a_n = A$, 则 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n a_k = A$.
 证: 设 $\varepsilon > 0$, 由 $\lim_{n \rightarrow \infty} a_n = A$, 存在 N , 当 $n > N$ 时, $|a_n - A| < \varepsilon$.
 于是, 当 $n > N$ 时, $\left| \frac{1}{n} \sum_{k=1}^n a_k - A \right| = \left| \frac{1}{n} \sum_{k=1}^N a_k + \frac{1}{n} \sum_{k=N+1}^n a_k - A \right|$
 $= \left| \frac{1}{n} \sum_{k=1}^N a_k + \frac{1}{n} \sum_{k=N+1}^n (a_k - A) + A - A \right|$
 $\leq \frac{1}{n} \sum_{k=1}^N |a_k| + \frac{1}{n} \sum_{k=N+1}^n |a_k - A|$
 $\leq \frac{1}{n} \sum_{k=1}^N |a_k| + \frac{1}{n} \sum_{k=N+1}^n \varepsilon$
 $\leq \frac{1}{n} \sum_{k=1}^N |a_k| + \varepsilon$
 由于 $\sum_{k=1}^N |a_k|$ 是常数, 故当 n 充分大时, $\frac{1}{n} \sum_{k=1}^N |a_k| < \varepsilon$, 于是 $\left| \frac{1}{n} \sum_{k=1}^n a_k - A \right| < 2\varepsilon$.
 由 ε 的任意性, 得 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n a_k = A$.

[illegible]

A musical score for the song 'The Rose Tree'. It features a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The melody is written on a single staff. The lyrics are written below the staff, aligned with the notes. The song is in English and consists of two verses. The first verse is marked with a '1' and the second with a '2'. The score includes various musical notations such as notes, rests, and bar lines.

A musical score for the song 'The Rose Tree'. It features a single melodic line on a five-line staff. The notation includes various musical symbols such as eighth notes, quarter notes, and rests, along with dynamic markings like 'f' (forte) and 'p' (piano). The score is written in a style typical of early 20th-century sheet music.

[illegible]A complex musical score for a string quartet, featuring four staves with various musical notations including notes, rests, and dynamic markings. The notation is dense and includes many accidentals and dynamic markings such as *pp*, *ff*, *sfz*, and *sf*. The score is written in a modern, possibly contemporary style, with a focus on rhythmic and dynamic contrast. The staves are arranged in a traditional four-part setting, with each staff representing a different instrument. The notation is highly detailed, with many notes and rests, and a variety of dynamic markings throughout the piece. The overall impression is one of a highly technical and expressive musical work.[illegible]

בְּיָמֵינוּ הַיּוֹמִי הַזֶּה הַיּוֹמִי הַזֶּה הַיּוֹמִי הַזֶּה

Figure 1 shows a musical score for a string quartet. The score is written for four staves, each representing a different instrument. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is organized into measures, with some measures containing multiple notes or rests. The overall structure of the score suggests a complex piece of music with multiple melodic and harmonic lines.

[illegible][illegible]

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Brief methodological explanations and comments**EXPORTS AND IMPORTS OF SERVICES**Basic terms and definitions

External economic services are commodities that do not go through the customs and for which the customs declarations are not completed. The services do not acquire the form of material objects covered by the rights of ownership. Sales of services and their production are not separated. The main thing that exists in trade in services is that the purchase and sale transaction should be made which covers the Ukraine entities and foreign entities activity (residents and nonresidents) and is built upon the relationships between them and which takes place on the territory of Ukraine and outside it.

The moment when the exports/imports procedures are made and their recording is the date when they are actually supplied or obtained on accrual basis (by invoices). As a rule, more often, the date of registration of such transactions coincides with the time of services production.

The cost of exports of services is the cost of selected type of services rendered by Ukrainian entity to foreign entity on the territory of Ukraine and outside it according to the agreements (contracts) or oral form of agreement.

The cost of imports of services is the cost of selected type of services rendered to Ukrainian entity by foreign entity both on the territory of Ukraine and outside it according to the agreements (contracts) or oral form of agreement.

The external economic agreement (contract) is the materially completed agreement between the two or more entities engaged in foreign economic activities and their foreign counter-agents aimed at establishing, changing or terminating their mutual rights and obligations in the external economic activity.

Residents are legal persons and their detached persons who are set up and carry out their activity in line with Ukraine legislation and which are located both on its territory and outside it; diplomatic representative offices, consular establishments and other official offices of Ukraine abroad that have the diplomatic privileges and immunity; natural person-resident is natural person who resides in Ukraine.

Nonresidents are foreign companies, organizations set up in line with legislation of other states, their registered (accredited or legalized) branches according to Ukraine legislation, representative offices and other detached units located on Ukraine territory; diplomatic representative offices, consular establishments and other official offices of other state and international organizations in Ukraine; natural persons who are not residents of Ukraine. As a rule, foreign enterprises (nonresidents) are those enterprises that pay taxes from activity to the benefit of foreign state.

Ways to deliver services

Depending on location of supplier and consumer at the moment when service is rendered, and taking into account their residency or country of origin, four ways to deliver services according to the General lands about trade of services GATS are defined:

ÇWay 1. Cross border supply (Supplier and consumer remain on the territory of their corresponding countries. The services are delivered "from territory of one member to the territory of any another member". This way is similar to trade in goods when a product is delivered through the national border while consumer and supplier remain on the territories of their countries).

ÇWay 2. Consumption abroad (Consumer consumes this or that service outside its country. Service is delivered "on the territory of one member to consumer of services of any other member", this implies that either consumer or its property are abroad).

ÇWay 3. Commercial presence (Suppliers of services set up a branch, unit or commercial representative office on the territory of another country through which they render their services).

Commercial presence on the foreign market covers not only legal persons in rigid legal sense but other legal subjects as well that have some common characteristics such as representative offices and branches).

ÇWay 4. Presence of natural persons (Natural person or supplier of services if he is an employee or his hired worker present abroad to supply service. The way for presence of natural persons is used when any person is temporarily present on the country's territory which is not his home country to render commercial services).

Organization to undertake the state statistical observation

The statistical observations over services are conducted through collection by the state statistics bodies of reporting from legal persons of all types of ownership and business who are engaged in activity, based on Ukraine laws, connected with rendering (exports) services to foreign partners and obtaining (imports) services from foreign partners both on Ukraine territory and outside it according to agreements (contracts).

The main principles of organization of the state statistical observation over foreign trade in services are based on common methodological approaches that ensure the provision of comparable information about exports/imports of services in Ukraine. The indicators from the state statistical observation take into account international requirements to statistical information about foreign trade in services, particularly, the Manual on statistics of international trade in services (UNSD, 2010).

The results of the conduct of the state statistical observation over foreign trade in services are the primary and generalized information that includes information from administrative sources which is employed to keep track of volumes and movements of exports/imports by geographical structure and structure of types of services in order to obtain a comprehensive and exhaustive statistical information about foreign trade in service to compile external trade balance and balance of payments of Ukraine as well as assess the development of Ukraine economic ties with other countries.

The recording of services is made in value terms (contract's currency) in line with the Classification of External Economic Services (CEES) adapted to the Expanded Classification of Services of Balance of Payments, the 6th edition of the Manual on Balance of Payments and International Investment Position developed by the IMF. The conversion of services into US dollars is made on the basis of average quarterly official currency rate fixed by the National Bank of Ukraine.

The Statistical Classification of the world's countries and Statistical Classification of Currencies, which is harmonized with the international standard UNSD.

Classification of external economic services

The classification of External Economic Services used to carry out the state statistical observation over foreign trade in services comprises twelve basic sections of services which are detailed towards more low level according to hierarchical system of the classification.

The basic types of external economic services are as follows:

ÇServices for the processing of material resources including processing, reprocessing, storage, marking and packing being made by enterprises that are not owners of commodities for the purpose of further sale of those commodities either abroad or on the territory of processor-country.

ÇServices for repair and technical maintenance not related to other categories including the work on technical maintenance and repair made by residents regarding commodities that are possessed by nonresidents (and vice versa). The repair operations could be made either in the premises of repairer or in another place. This category includes technical maintenance and repair of sea and air vessels and other transport vehicles.

ÇTransport services include services for transporting people and items from one place to the other ones, as well as related and auxiliary services for leasing (freight) transport vehicles with crews. This also includes mail services and services for courier communications.

ÇServices connected with travels cover services purchased in the visiting country by nonresidents of this country, namely, services for accommodation, expenditure for meals and beverages, transport servicing on the territory of the visiting country, transport services rendered within that country, in case of provision by transport resident companies of this country apart from international passenger transportations.

ÇServices for construction include the creation, renovation, repair, prolongation of useful life of fixed assets or management of such fixed assets as buildings, arrangement of land plots and other construction objects such as roads, bridges and dams as well as related assembly and storage operations, preparation of construction site and general construction operations and specialized services such as painting, establishment of water supply and drainage systems and demolition.

ÇServices for insurance cover the implementation by insurance companies-residents of different types of insurance for non-residents and visa versa.

Services connected with financial activity include services rendered by banks and other financial mediators and auxiliary organizations due to transactions with financial tools as well as other services related to financial activity including deposit taking and issue of loans, letters of credit, services by credit cards, commission fees and payments connected with financial leasing, factoring, guarantees to placement of securities and clearing settlements, consultative services on financial matters, services for preservation of financial assets or gold bars, services for management of financial assets, services for financial monitoring, financial services of stepwise accessibility, services for risk transfer, services for merging and takeover, services of credit rating, services of stock exchanges and services of trust management.

ÇRoyalties and other services connected with usage of intellectual property cover the products of intellectual property which include: levies and usage of property rights, for example patents, trademark, author's rights, industrial processes and engineering developments, trade secrets and franchises, rights which arise due to scientific research and R&D, marketing; payments and licenses for renewal and/or dissemination of intellectual property materialized in the produced origins or prototypes such as author's rights for books and manuscripts, software, on-screen works and sound tracks as well as rights connected with them, for example, recording of phenomena in live and broadcasting by TV channels, cable and satellite channels.

ÇServices in the sphere of telecommunications, computer and information services cover services for transmission of sound, images, data or other information through the use of telephone, telefax, telegraph, radio and TV cable and broadcasting, satellite communication, e-mail, fax, etc including the servicing of commercial networks, conduct of teleconferences and rendering related services, services connected with hardware and software, services for data processing as well as services of information agencies and other information services.

ÇBusiness services include services of R&D, professional services, services for consultancy in management, technical services, services connected with trade and other business services.

ÇServices rendered to individual persons, cultural and recreation services cover services to private persons and services in the sphere of culture and leisure.

ÇState and government services cover services obtained or rendered to enclaves such as embassies, and military bases, services rendered or purchased in the hosting country by diplomats, consular staff and staff from military bases abroad and their dependents, services received or rendered by the governments not specified in other categories of services.

3.1. Foreign trade in services with EU countries 2018

($\frac{||\mu||}{||\nu||} \cdot \sqrt{\text{thsd. USD}}$)

	Exports		Imports		Balance
	thsd. USD	% of the total volume	thsd. USD	% of the total volume	
EU countries, total	3979897,0	100,0	335845,2	100,0	624051,8
Austria	197355,9	5,0	98174,6	2,9	99181,3
Belgium	92958,6	2,3	155447,5	4,6	-62488,9
Bulgaria	26594,3	0,7	17083,0	0,5	9511,2
United Kingdom	573338,9	14,4	511983,6	15,3	61355,3
Greece	23065,5	0,6	29958,9	0,9	-6893,4
Denmark	157460,3	4,0	56464,4	1,7	100995,9
Estonia	176080,5	4,4	67079,8	2,0	109000,7
Ireland	58898,0	1,5	252440,1	7,5	-193542,0
Spain	96139,5	2,4	41015,7	1,2	55123,8
Italy	137856,1	3,5	60481,6	1,8	77374,4
Cyprus	318176,1	8,0	386643,1	11,5	-68467,0
Latvia	68764,6	1,7	39396,1	1,2	29368,5
Lithuania	47659,2	1,2	28716,9	0,9	18942,3
Luxemburg	15315,3	0,4	114593,0	3,4	-99277,6
Malta	119110,0	3,0	143669,3	4,3	-24559,3
Netherlands	193552,5	4,9	136078,9	4,1	57473,5
Germany	591212,1	14,9	403032,5	12,0	188179,6
Poland	350181,6	8,8	196129,3	5,8	154052,3
Portugal	5506,0	0,1	20233,1	0,6	-14727,1
Romania	93018,0	2,3	39750,9	1,2	53267,1
Slovakia	44557,5	1,1	118412,4	3,5	-73854,9

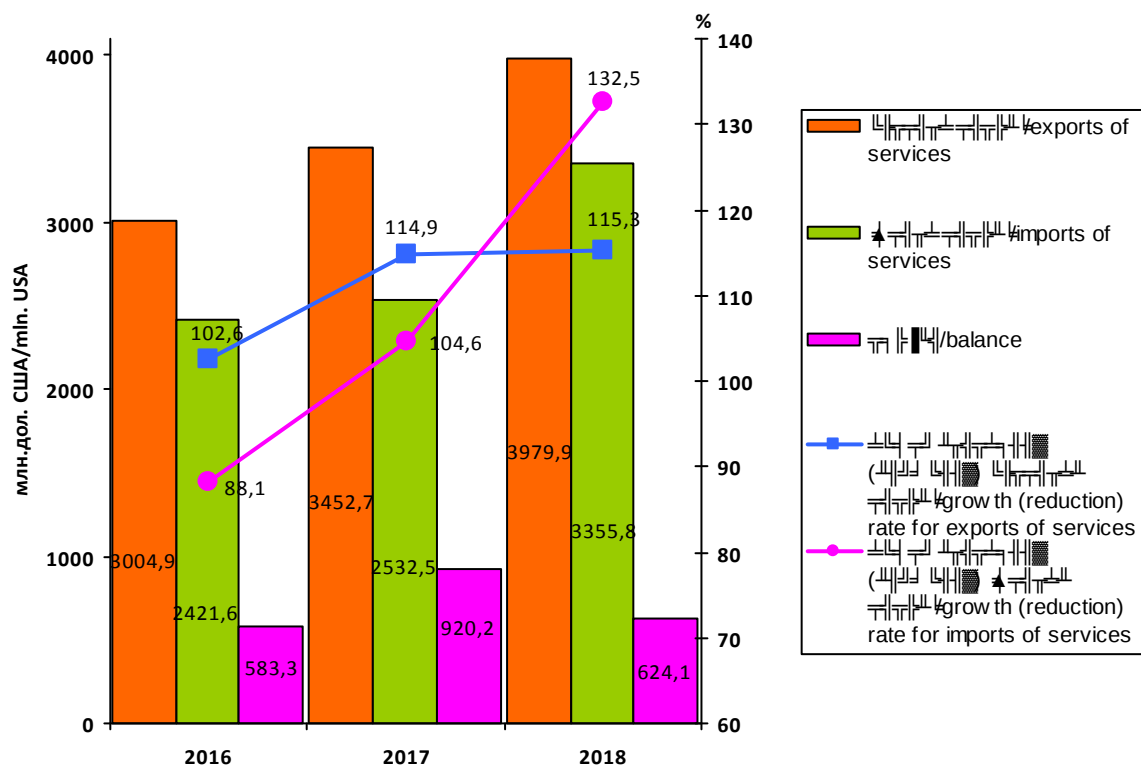
3.1/Continued table 3.1

	Exports		Imports		Balance
	thsd. USD	% of the total volume	thsd. USD	% of the total volume	
Slovenia	20076,2	0,5	8949,9	0,3	11126,3
Hungary	199004,6	5,0	43472,2	1,3	155532,5
Finland	30512,8	0,8	34072,4	1,0	-3559,6
France	154027,1	3,9	122153,9	3,6	31873,2
Croatia	4207,1	0,1	39245,3	1,2	-35038,2
Czech Republic	83713,5	2,1	56127,5	1,7	27586,1
Sweden	101555,2	2,6	135039,4	4,0	-33484,2
For information					
Ukraine, total	11637950,6	100,0	6308810,2	100,0	5329140,4

3.4/Continued table 3.4

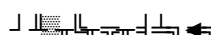
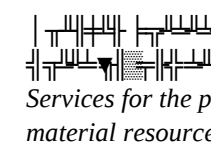
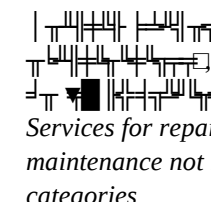
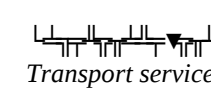
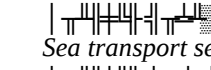
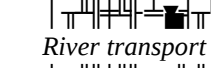
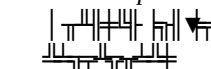
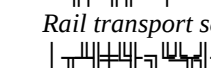
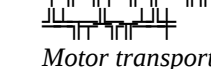
	Exports			Imports		
	2017	2018	2017/ in % to 2017	2017	2018	2017/ in % to 2017
Hungary	147163,4	199004,6	135,2	35460,2	43472,2	122,6
Finland	19909,7	30512,8	153,3	24433,8	34072,4	139,4
France	117884,7	154027,1	130,7	83948,1	122153,9	145,5
Croatia	2993,5	4207,1	140,5	13512,6	39245,3	290,4
Czech Republic	71206,3	83713,5	117,6	65211,2	56127,5	86,1
Sweden	93540,7	101555,2	108,6	55413,2	135039,4	243,7
For information						
Ukraine, total	10714369,5	11637950,6	108,6	5476148,9	6308810,2	115,2

3.5. Indicators of foreign trade in services with EU countries



3.6.

3.6. Dynamics of structure of exports and imports of services with EU countries

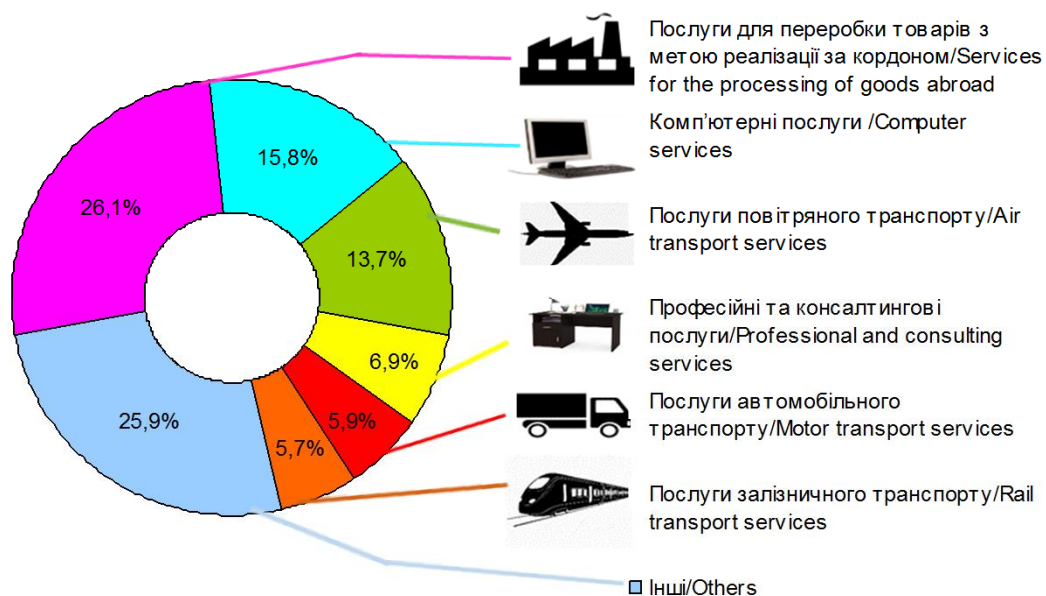
	Exports			Imports		
	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
 EU countries, total	3452720,0	3979897,0	115,3	2532493,4	3355845,2	132,5
 of which						
 Services for the processing of material resources	846504,6	1042562,9	123,2	1754,4	2325,4	132,5
 Services for the processing of goods in the domestic economy	17966,0	5756,1	32,0	=	59,2	=
 Services for the processing of goods abroad	828538,6	1036806,8	125,1	=	2266,2	=
 Services for repair and technical maintenance not related to other categories	73573,5	69709,4	94,7	39793,0	44702,8	112,3
 Transport services	1282726,7	1274007,3	99,3	687148,3	849574,3	123,6
 Sea transport services	199941,7	145042,7	72,5	112070,9	124243,9	110,9
 River transport services	=	=	=	=	=	=
 Air transport services	486878,0	544231,1	111,8	314800,5	456967,1	145,2
 Rail transport services	264477,9	228010,7	86,2	62597,4	52335,3	83,6
 Motor transport services	208322,2	235999,4	113,3	103565,6	113628,9	109,7
 Pipe transport services	=	=	=	=	=	=

3.6/Continued table 3.6

	2017	2018	% 2017/ in % to 2017	2017	2018	% 2017/ in % to 2017
<i>Electricity transmission</i>				ñ	ñ	ñ
<i>Other auxiliary and additional transport services</i>	75921,8	81136,9	106,9	10862,4	15567,9	143,3
<i>Mail and courier services</i>	17303,1	18932,5	109,4	3857,5	7924,6	205,4
<i>Services connected with travels</i>	48768,6	58854,0	120,7	314878,4	427473,1	135,8
<i>Services for construction</i>	27124,8	39455,6	145,5	19874,7	16216,9	81,6
<i>Services for construction abroad</i>	20899,9	31189,3	149,2	7014,7	7905,0	112,7
<i>Services for construction in domestic economy</i>	6224,9	8266,3	132,8	12859,9	8312,0	64,6
<i>Services for insurance</i>	24327,6	30590,1	125,7	94991,6	51616,6	54,3
<i>Services connected with financial activity</i>	35984,9	60940,5	169,4	255842,2	308885,2	120,7
<i>Royalties and other services connected with usage of intellectual property</i>	11736,6	18011,4	153,5	310025,5	399598,7	128,9
<i>Franchise services and trademark use</i>	3181,7	2797,7	87,9	127668,9	172203,2	134,9
<i>Licensing services</i>	5575,0	11315,7	203,0	136068,4	170525,3	125,3
<i>Services for patent activities</i>	768,5	759,5	98,8	781,8	1022,3	130,8
<i>Other royalties</i>	2211,4	3138,5	141,9	45506,4	55847,9	122,7

3.7. Structure of exports trade of services with EU countries, 2018

3.7. Structure of exports trade of services with EU countries, 2018



3.8. Structure of imports trade of services with EU countries, 2018

3.8. Structure of imports trade of services with EU countries, 2018



3.9/Continued table 3.9

	2017			2018		
	Exports	Imports	Balance	Exports	Imports	Balance
Chernivtsi	15609,9	997,6	14612,3	25963,9	1584,4	24379,5
Chernihiv	17682,7	17510,1	172,6	20637,0	21496,1	-859,2
Kyiv city	1401082,1	1348387,0	52695,1	1686924,9	1605983,5	80941,4

¹ Including not distributed volume services among regions.

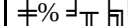
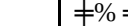
3.10. Share of foreign trade in services with EU countries in the total volumes of exports of regions

	2017		2018	
	% of total volume regions	% in % to 2016	% of total volume regions	% in % to 2017
EU countries, total	32,2	114,9	34,2	115,3
Vinnitsa	20,0	117,8	26,1	169,3
Volyn	93,1	121,5	94,8	135,1
Dnipropetrovsk	43,8	96,2	42,1	105,6
Donetsk	13,8	114,5	8,1	71,7
Zhytomyr	77,3	135,3	84,3	152,4
Zakarpattia	93,1	137,6	93,0	120,2
Zaporizhzhya	23,4	83,1	25,2	114,1
Ivano-Frankivsk	82,6	99,5	83,6	113,0
Kyiv	63,9	121,5	61,7	118,0
Kirovohrad	21,1	103,6	23,0	117,3
Luhansk	26,0	141,9	17,7	66,1
Lviv	82,8	124,7	82,7	121,0
Mykolaiv	18,3	109,9	11,7	69,7
Odesa	33,1	92,8	35,5	101,1
Poltava	48,5	137,5	37,4	130,5
Rivne	34,9	119,9	29,1	113,3
Sumy	48,7	282,3	33,4	49,5
Ternopil	85,2	68,1	86,0	130,2
Kharkiv	25,4	120,8	30,8	136,9
Kherson	42,4	124,4	37,8	86,0
Khmelnitsk	91,7	135,2	93,3	103,7

3.11. Share of foreign trade in services with EU countries in the total volumes of imports of regions

	2017		2018	
	% of total volume regions	% in % to 2016	% of total volume regions	% in % to 2017
EU countries, total	46,2	104,6	53,2	132,5
Vinnitsa	73,7	122,1	76,9	136,7
Volyn	86,1	142,6	83,0	108,1
Dnipropetrovsk	75,7	75,5	80,9	108,2
Donetsk	19,5	83,4	29,1	119,6
Zhytomyr	40,5	89,9	38,5	206,3
Zakarpattia	75,0	96,7	65,9	113,6
Zaporizhzhia	42,0	99,0	44,9	96,5
Ivano-Frankivsk	89,2	88,4	93,5	122,6
Kyiv	59,5	62,1	81,4	187,3
Kirovohrad	31,4	53,9	60,6	198,1
Luhansk	23,6	40,6	17,2	52,1
Lviv	83,2	130,9	89,8	121,8
Mykolaiv	71,8	47,2	67,8	71,4
Odesa	46,9	118,7	55,3	132,2
Poltava	75,4	91,3	63,6	78,0
Rivne	92,2	117,2	92,6	102,0
Sumy	24,2	58,7	43,3	161,2
Ternopil	94,6	150,7	89,3	93,3
Kharkiv	43,4	68,8	36,9	121,8
Kherson	54,5	124,2	58,4	126,3
Khmelnitsk	71,6	109,6	65,6	110,3

3.11/Continued table 3.11

	2017		2018	
	 % of total volume regions	 in % to 2016	 % of total volume regions	 in % to 2017
 Cherkasy	86,8	61,8	84,1	142,5
 Chernivtsi	53,9	292,9	65,3	158,8
 Chernihiv	87,5	269,7	92,7	122,8
 Kyiv city	53,7	125,1	53,4	119,1

7

1

10% 10%

Brief methodological explanations and comments

DIRECT INVESTMENT

The direct investment is a category of the international investment activity that reflects the intention of institutional unit (the resident of one economy) having control or a significant degree of influence over the management of the enterprise that is the resident in another economy.

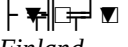
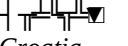
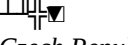
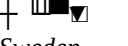
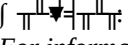
The investment is considered as direct when the capital/ownership rights of the non-resident makes not less than 10% of the authorized capital value of the enterprise-resident or non-resident has not less than 10% of voting power in non-resident enterprise management. Investment received under the conclusion of concession agreements and contracts about the common investment activity and credit resources issued/received under operations between enterprises of direct investment and direct investor also concern with a category of direct investment.

Data on direct investment are compiled based on information from resident legal entities and representative offices of foreign entities in Ukraine. This information was submitted in reports by form No10- (quarterly) "Report on foreign direct investment" and form No13- (quarterly) "Report on direct investment abroad". Also, the administrative information from the National Bank of Ukraine about market value of direct investment (shares, property, etc.) of enterprises, institutions and information on direct investment of Ukraine's banks is taken into account. Data on direct investment of Ukraine's banks include the reinvested earnings (calculated by the NBU on the basis of data on undistributed profits/losses in line with a share of direct investor's participation in their capital).

4.1. Direct investment (equity capital) from EU countries in Ukraine

	(in million USD)	
	Direct investment as of	
	01.01.2018	31.12.2018
From EU countries, total	24145,2	24742,7
Austria	1038,8	1005,6
Belgium	103,9	108,2
Bulgaria	39,9	43,5
United Kingdom	1944,4	1955,9
Greece	43,0	61,8
Denmark	153,6	161,0
Estonia	235,0	240,0
Ireland	48,4	48,9
Spain	63,5	61,4
Italy	201,6	249,6
Cyprus	8932,7	8879,5
Latvia	38,2	41,2
Lithuania	124,6	140,9
Luxembourg	515,8	526,1
Malta	59,3	48,1
Netherlands	6395,0	7060,9
Germany	1682,9	1668,2
Poland	571,3	593,9
Portugal	4,3	4,5
Romania	20,1	25,9
Slovakia	74,9	74,3
Slovenia	20,1	20,8
Hungary	511,1	500,1

4.	                     	<i>DIRECT INVESTMENT</i>
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4.1/Continued table 4.1		
	Direct investment as of	
	01.01.2018	31.12.2018
 Finland	131,0	129,3
 France	723,4	636,0
 Croatia	1,3	1,3
 Czech Republic	115,8	114,0
 Sweden	351,2	341,8
 For information:		
 In Ukraine, total	31606,4	32291,9

4.2. Direct investment (equity capital) from Ukraine in EU countries

	(mln. USD)	
	Direct investment as of	
	01.01.2018	31.12.2018
In EU countries, total	6075,5	6083,8
Austria	5,4	5,1
Belgium	ñ	ñ
Bulgaria	÷	÷
United Kingdom	0,0	0,0
Greece	÷	÷
Denmark	ñ	ñ
Estonia	÷	÷
Ireland	ñ	ñ
Spain	÷	÷
Italy	÷	÷
Cyprus	5932,5	5931,9
Latvia	60,9	72,5
Lithuania	÷	÷
Luxembourg	÷	÷
Malta	ñ	ñ
Netherlands	12,3	11,8
Germany	3,3	3,4
Poland	6,7	6,6
Portugal	ñ	ñ
Romania	÷	÷
Slovakia	0,4	0,4
Slovenia	ñ	ñ
Hungary	17,5	16,8

4. DIRECT INVESTMENT		
	4.2/Continued table 4.2	
	Direct investment as of	
	01.01.2018	31.12.2018
Finland	ñ	ñ
France	0,2	0,1
Croatia	÷	÷
Czech Republic	0,5	0,9
Sweden	ñ	ñ
For information:		
From Ukraine, total	6322,0	6295,0

4.3. Direct investment (equity capital) from EU countries in Ukraine, by regions

	(mln. USD)	
	Direct investment as of	
	01.01.2018	31.12.2018
From EU countries, total	24145,2	24742,7
Vinnitsya	163,1	186,8
Volyn	243,3	250,9
Dnipropetrovsk	2861,2	2780,0
Donetsk	995,6	1074,9
Zhytomyr	187,8	209,1
Zakarpattia	251,1	260,6
Zaporizhzhya	706,3	697,5
Ivano-Frankivsk	828,2	828,8
Kyiv	1442,8	1447,2
Kirovohrad	43,4	42,5
Luhansk	418,9	418,1
Lviv	772,0	759,0
Mykolayiv	157,5	180,4
Odesa	685,2	703,8
Poltava	171,0	172,4
Rivne	104,5	103,8
Sumy	167,2	168,2
Ternopil	42,4	53,3
Kharkiv	472,9	497,2
Kherson	176,4	163,4

4.3/Continued table 4.3

	Direct investment as of	
	01.01.2018	31.12.2018
Khmelnytskyi	161,7	187,7
Cherkasy	159,5	147,0
Chernivtsi	34,6	37,5
Chernihiv	408,3	414,8
Kyiv city	12490,4	12957,7
For information:		
In Ukraine, total	31606,4	32291,9

4.4. **Direct investment (equity capital) from EU countries in Ukraine, by type of economic activity**

4.4. Direct investment (equity capital) from EU countries in Ukraine, by type of economic activity

	Code of Classification by type of economic activity	(mln. USD)	
		01.01.2018	31.12.2018
From EU countries, total		24145,2	24742,7
Agriculture, forestry and fishing	A	439,0	419,8
Industry	B+C+D+E	8401,1	8506,6
mining and quarrying	B	958,6	968,0
manufacturing	C	6872,6	7061,5
manufacturing of food products, beverages and tobacco products	10-12	2338,7	2350,2
manufacture of textiles, apparel, leather and related products	13-15	111,1	118,4
manufacture of wood and paper products, and printing	16-18	414,4	454,7
manufacture of coke, and refined petroleum products	19	178,0	263,2
manufacture of chemicals and chemicals products	20	653,2	616,5
manufacture of pharmaceuticals, medical chemical and botanical products	21	18,1	18,8
manufacture of rubber and plastics products, and other non-metallic mineral products	22, 23	910,1	937,8
manufacture of basic metals and fabricated metal products, except machinery and equipment	24, 25	1541,5	1574,3
machine-building, except machinery and equipment	26-30	513,2	526,7

4.4/Continued table 4.4

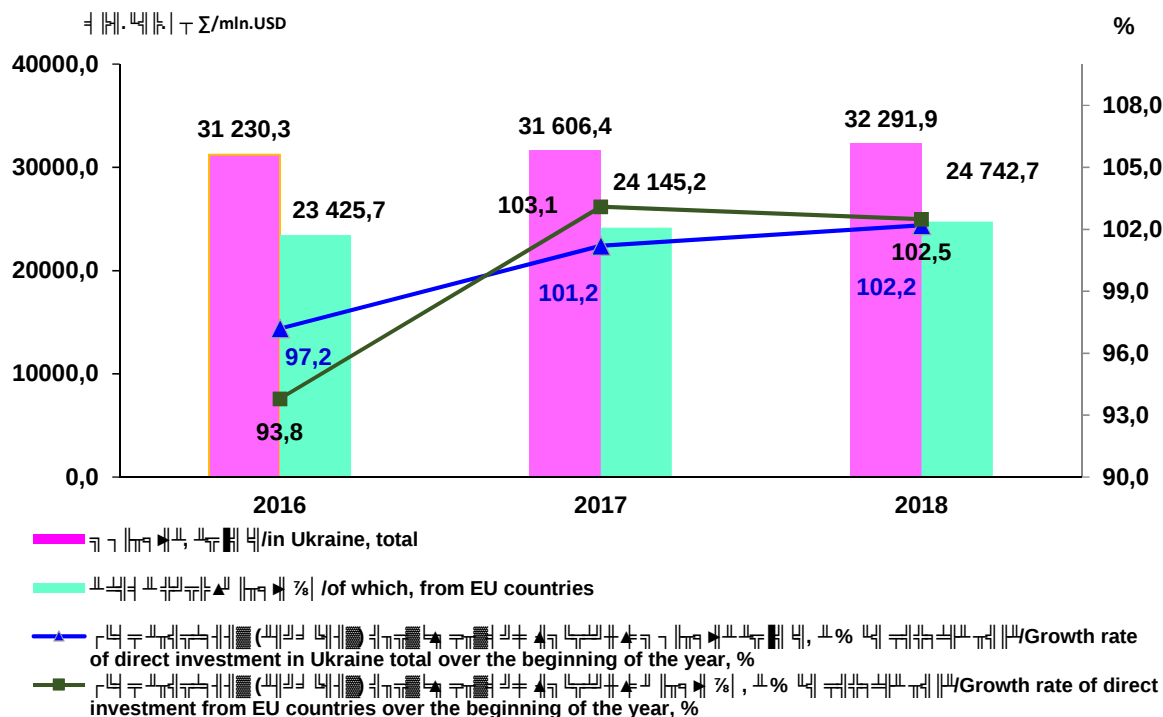
	Code of Classification by type of economic activity	Direct investment as of	
		01.01.2018	31.12.2018
31n33 manufacture of furniture and other manufacturing, and repair and installation of machinery and equipment	31n33	194,2	201,1
D electricity, gas, steam and air-conditioning supply	D	518,4	426,9
E water supply, sewerage, waste management and remediation	E	51,5	50,1
F Construction	F	696,9	706,6
G Wholesale and retail trade; repair of vehicles and motorcycles	G	2953,5	3411,0
H Transportation and storage, postal and courier	H	801,1	827,9
I Accommodation and food service activities	I	251,4	255,1
J Information and communication	J	2028,3	2124,1
K Financial and insurance activities	K	2811,4	2596,1
L Real estate activities	L	2871,2	3164,9
M Professional, scientific and technical activities	M	1462,7	1361,3
N Administrative and support service activities	N	1323,7	1293,7
O Public administration and defence, compulsory social security	O	=	=
P Education	P	2,2	2,3
Q Human health and social work activities	Q	26,3	26,0
R Arts, entertainment and recreation	R	69,6	40,8
S Other services	S	=	=
For information:			
In Ukraine, total		31606,4	32291,9

4.5. Direct investment (equity capital) from Ukraine in EU countries, by type of economic activity

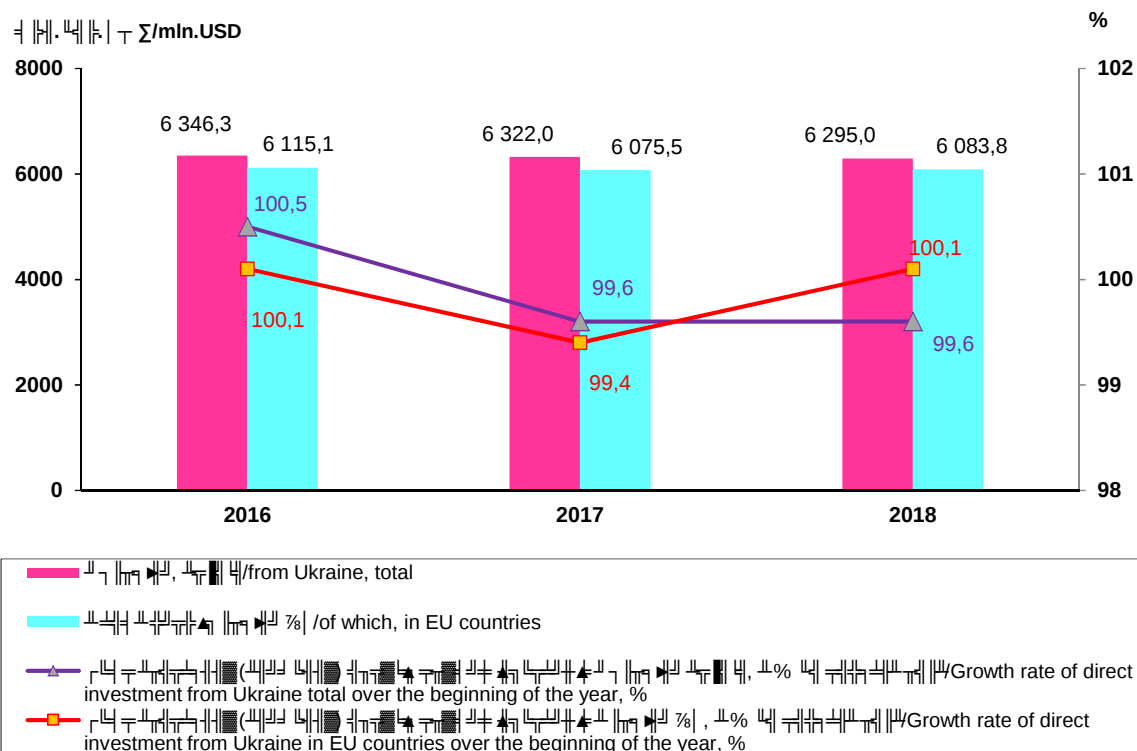
4.5. Direct investment (equity capital) from Ukraine in EU countries, by type of economic activity

	Code of Classification by type of economic activity	(mln. USD)	
		01.01.2018	31.12.2018
In EU countries, total		6075,5	6083,8
Agriculture, forestry and fishing	√	18,1	17,7
Industry	B+C+D+E	38,4	36,5
manufacturing	Г	=	=
water supply, sewerage, waste management and remediation	E	=	=
Construction	F	=	=
Wholesale and retail trade; repair of vehicles and motorcycles	G	6,0	6,0
Transportation and storage, postal and courier activities	H	6,6	6,4
Financial and insurance activities	K	61,3	72,9
Real estate activities	L	64,2	63,4
Professional, scientific and technical activities	M	5880,7	5880,7
Administrative and support service activities	N	=	=
For information:			
From Ukraine, total		6322,0	6295,0

4.6. Direct investment (equity capital) in Ukraine

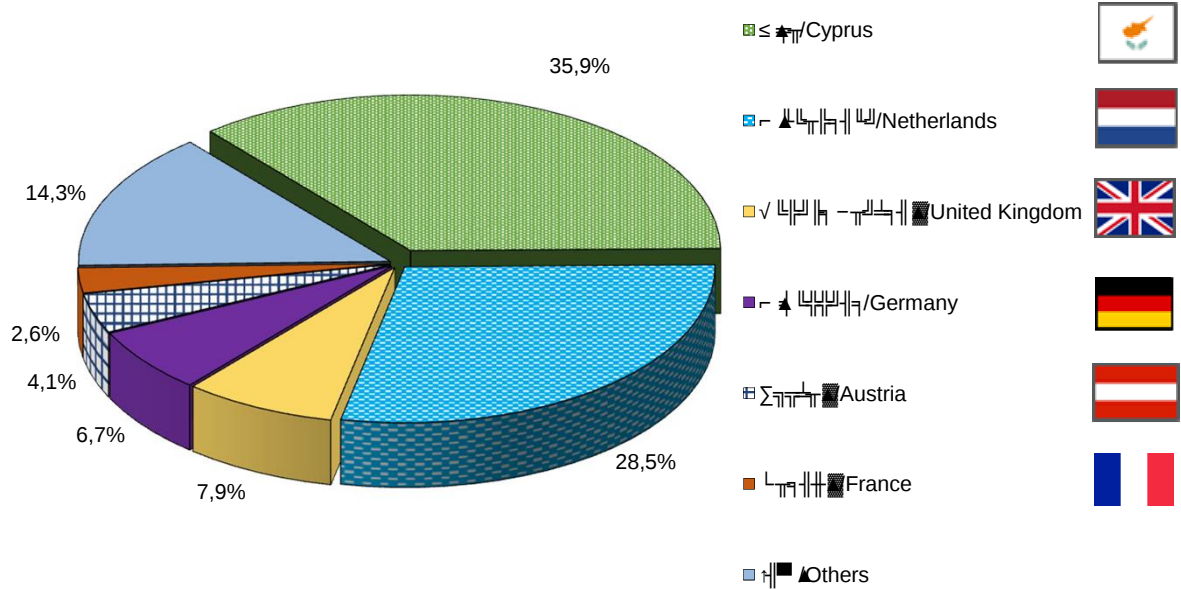


4.7. Direct investment (equity capital) from Ukraine



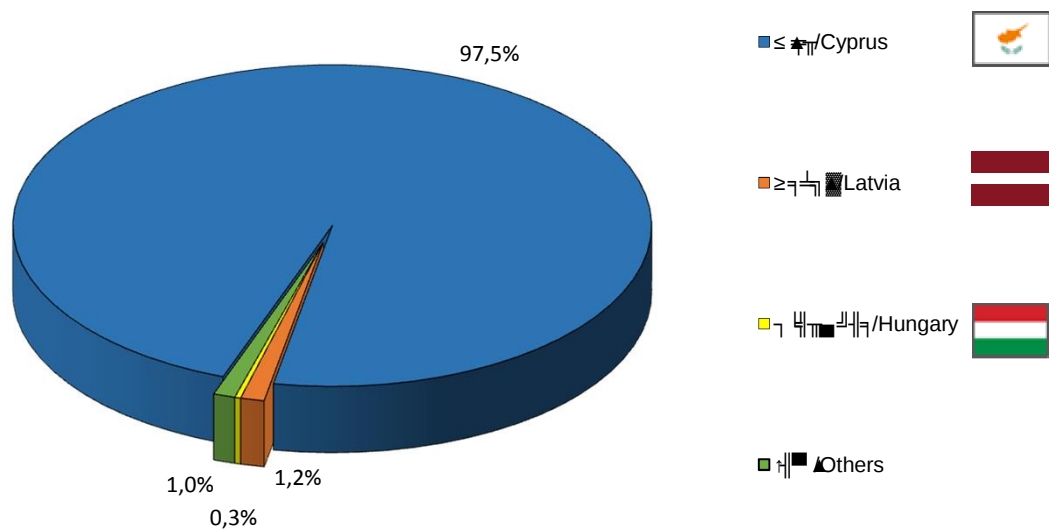
4.8. Структура прямых инвестиций (капитал) в Украину из стран ЕС на 31.12.2018, в процентах

4.8. Structure of direct investment (equity capital) in Ukraine from EU countries as of 31.12.2018, percent



4.9. Структура прямых инвестиций (капитал) от Украины в страны ЕС на 31.12.2018, в процентах

4.9. Structure of direct investment (equity capital) from Ukraine in EU countries as of 31.12.2018, percent



Державна служба статистики України

State statistics service of Ukraine

Відомості про співпрацю між Україною та країнами Євросоюзу
у 2018 році

*Cooperation between Ukraine and EU countries
in 2018*

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