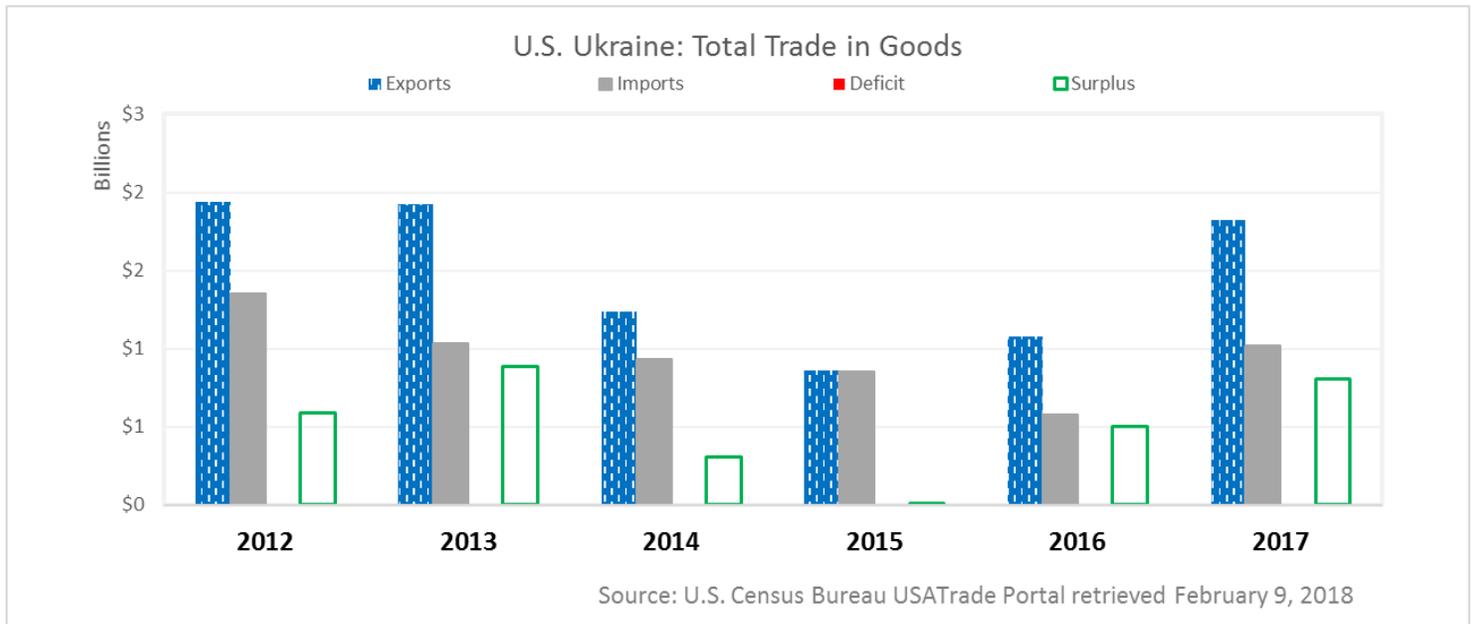




I. Total U.S. Trade in Goods with Ukraine

In 2017, U.S. exports to Ukraine totaled \$1.8 billion, a 69.5% (\$748.7 million) increase from 2016; U.S. imports from Ukraine totaled \$1.0 billion, a 75.9% (\$439.1 million) increase; and the trade surplus was \$808.6 million, a 62.0% (\$309.6 million) increase.



In 2017, **0.1%** of total *U.S. exports* to the world were exported to Ukraine while **0.04%** of total *U.S. Imports* of the world were imported from Ukraine. In 2017, the level of U.S. exports to Ukraine is above the preceding five-year average level by value not adjusted for inflation; the level of U.S. imports from Ukraine is slightly above the preceding five-year average level; and the US trade surplus with Ukraine is above the prior five-year average.

	2012	2013	2014	2015	2016	2017	2012-2016 Average
EXPORTS	\$1,936.3	\$1,924.8	\$1,239.0	\$862.2	\$1,077.3	\$1,825.9	\$1,407.9
Δvalue	--	-\$11.5	-\$685.8	-\$376.9	\$215.1	\$748.7	
Δpct	--	-0.6%	-35.6%	-30.4%	24.9%	69.5%	
IMPORTS	\$1,349.7	\$1,036.3	\$935.2	\$850.8	\$578.2	\$1,017.3	\$950.1
Δvalue	--	-\$313.4	-\$101.1	-\$84.4	-\$272.5	\$439.1	
Δpct	--	-23.2%	-9.8%	-9.0%	-32.0%	75.9%	
BALANCE	\$586.6	\$888.5	\$303.8	\$11.4	\$499.0	\$808.6	\$457.9
Δvalue	--	\$301.9	(\$584.7)	(\$292.4)	\$487.6	\$309.6	
Δpct	--	51.5%	-65.8%	-96.3%	4287.9%	62.0%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USATrade Portal February 9, 2018



In 2017, of the \$1.8 billion in U.S. exports to Ukraine, the top commodity sectors by value were Minerals valued at \$669.8 million, 36.7% of the total U.S. exports to Ukraine and 0.5% of total U.S. exports to the world. The second largest commodity sectors are Transportation (23.7%).

In 2017, of the \$1.0 billion in U.S. imports from Ukraine, Base metals was the dominating commodity valued at \$621.4 million, 61.1% of the total U.S. imports from Ukraine and 0.5% of total U.S. imports from the world.

Imports from Ukraine by Sector	Ukraine Commodity Trade 2017	US exports to Ukraine by Sector
\$1,017,328,573	Total Value All Commodities	\$1,825,938,946
11.6%	Agriculture (Chapters 01-24)	7.9%
2.8%	Minerals (Chapters 25-27)	36.7%
4.2%	Chemicals, Plastics, Leather (Chapters 28-43)	8.6%
1.4%	Wood Products (Chapters 44-49)	0.8%
3.1%	Textiles and Footwear (Chapters 50-67)	1.7%
0.6%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	0.3%
61.1%	Base metals (Chapters 72-83)	4.3%
8.1%	Machinery (Chapters 84-85)	12.1%
1.3%	Transportation (Chapters 86-89)	23.7%
0.8%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	1.9%
0.3%	Arms & Ammunition (Chapter 93)	0.6%
1.9%	Miscellaneous Manufactured Items (Chapters 94-96)	0.2%
0.0%	Art & Antiques (Chapter 97)	0.0%
2.9%	Special Items (Chapters 98-99** Imports only 99)	1.1%

Source: U.S. Census Bureau USATrade Portal retrieved February 10, 2018



II. Exports to Ukraine subject to US Government Filing Requirements

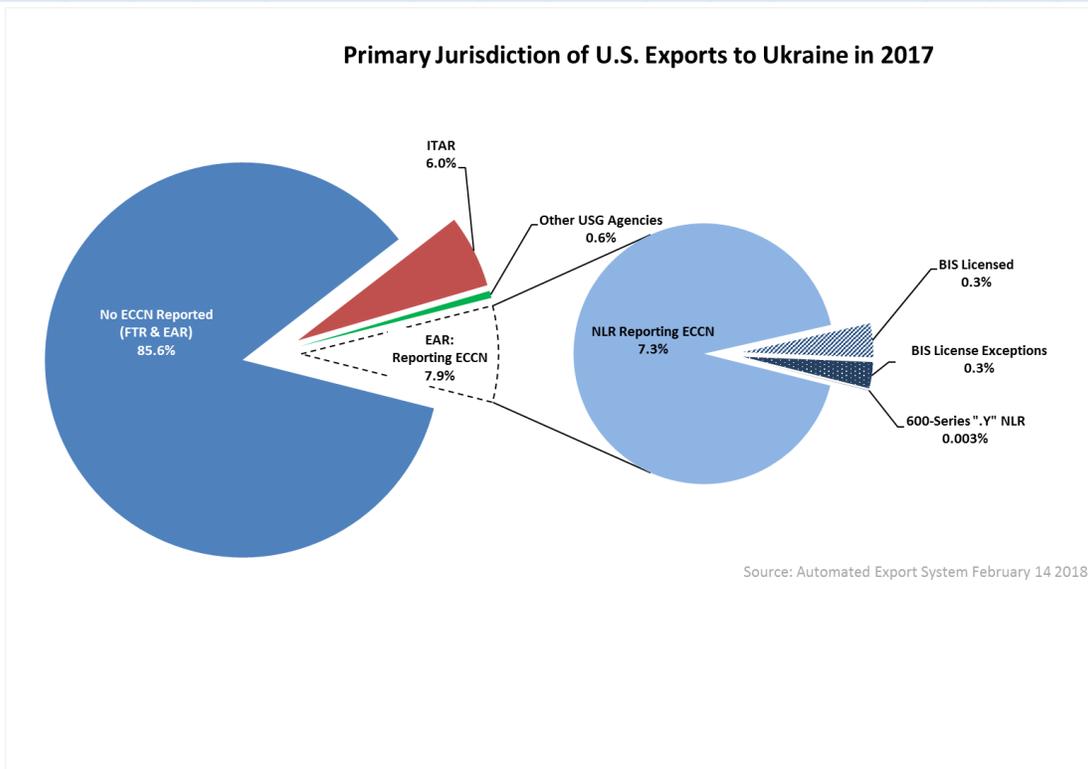
In 2017, of the \$1.8 billion in U.S. exports to Ukraine:

- 0.6% were subject to a BIS license requirement;
 - 0.3% were exported under a BIS license
 - 0.3% were exported under a BIS license exception
- 7.3% were exported under No License Required with an ECCN.

		Ukraine		
		2015	2016	2017
	Department of State	\$38.7	\$103.6	\$108.7
	Other USG Agencies	\$5.7	\$16.6	\$10.6
Department of Commerce		\$817.8	\$957.0	\$1,706.6
	BIS Licensed	\$4.1	\$3.4	\$6.0
	BIS License Exceptions	\$4.1	\$4.6	\$4.7
	NLR reporting an ECCN	\$20.0	\$111.8	\$133.0
	NLR not reporting an ECCN	\$789.6	\$837.2	\$1,562.9
	600-Series ".Y" Paragraph NLR	\$0.0	\$0.1	\$0.0

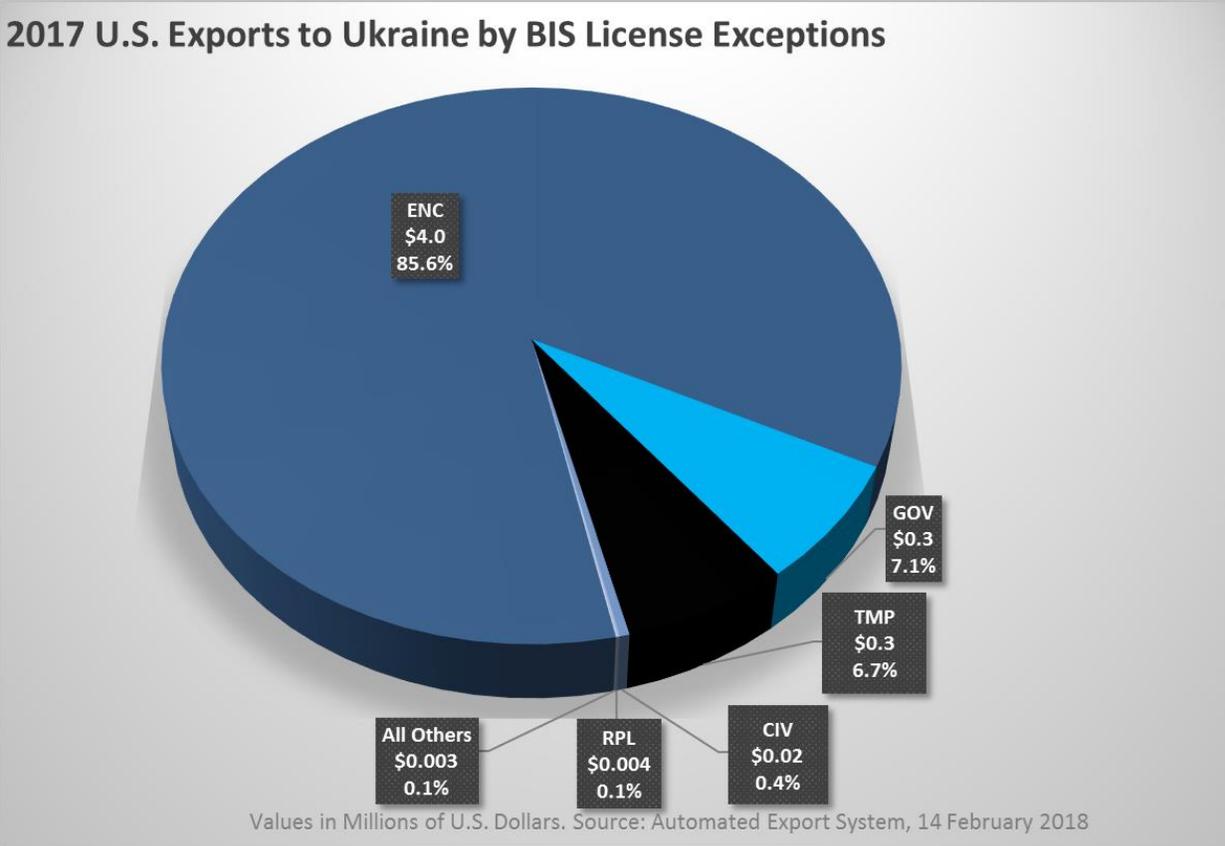
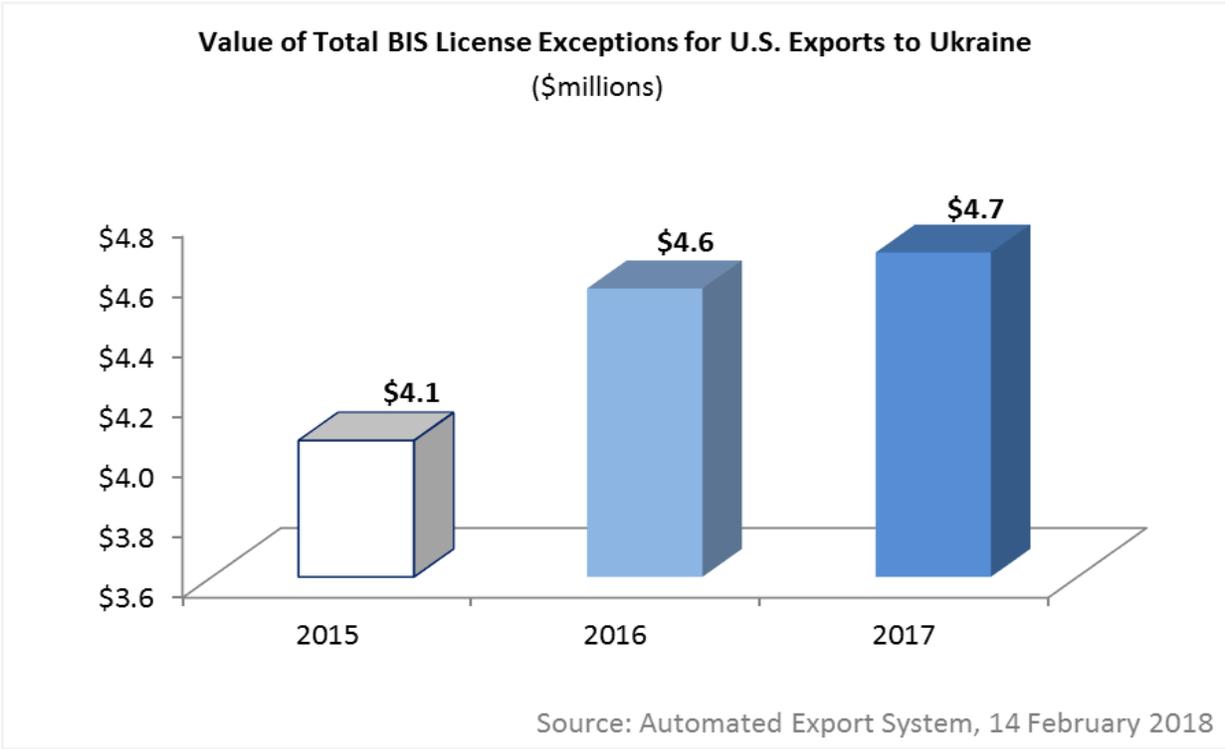
Values in Millions of U.S. Dollars. Source: Automated Export System Friday, February 09, 2018

Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
Ukraine	X					X	X	X	X	X		X	X			



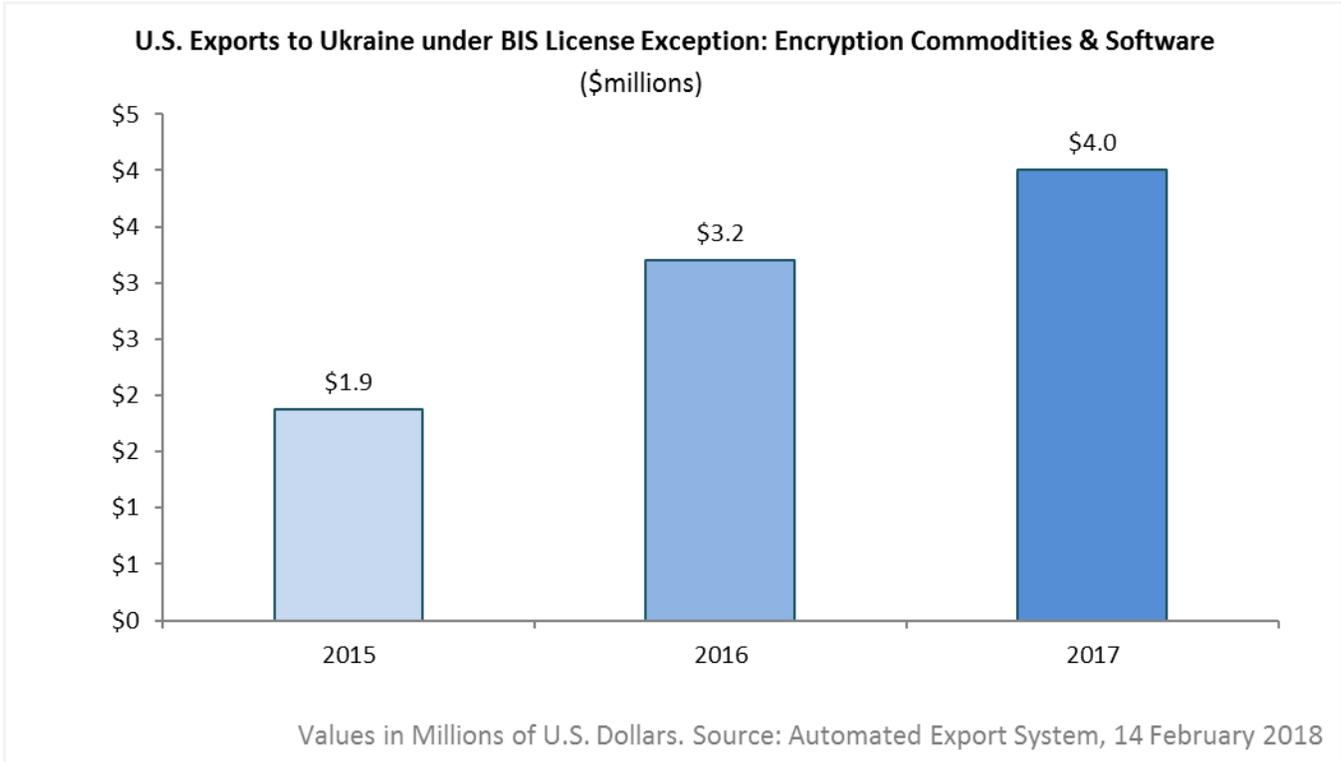


U.S. Exports to Ukraine Trends

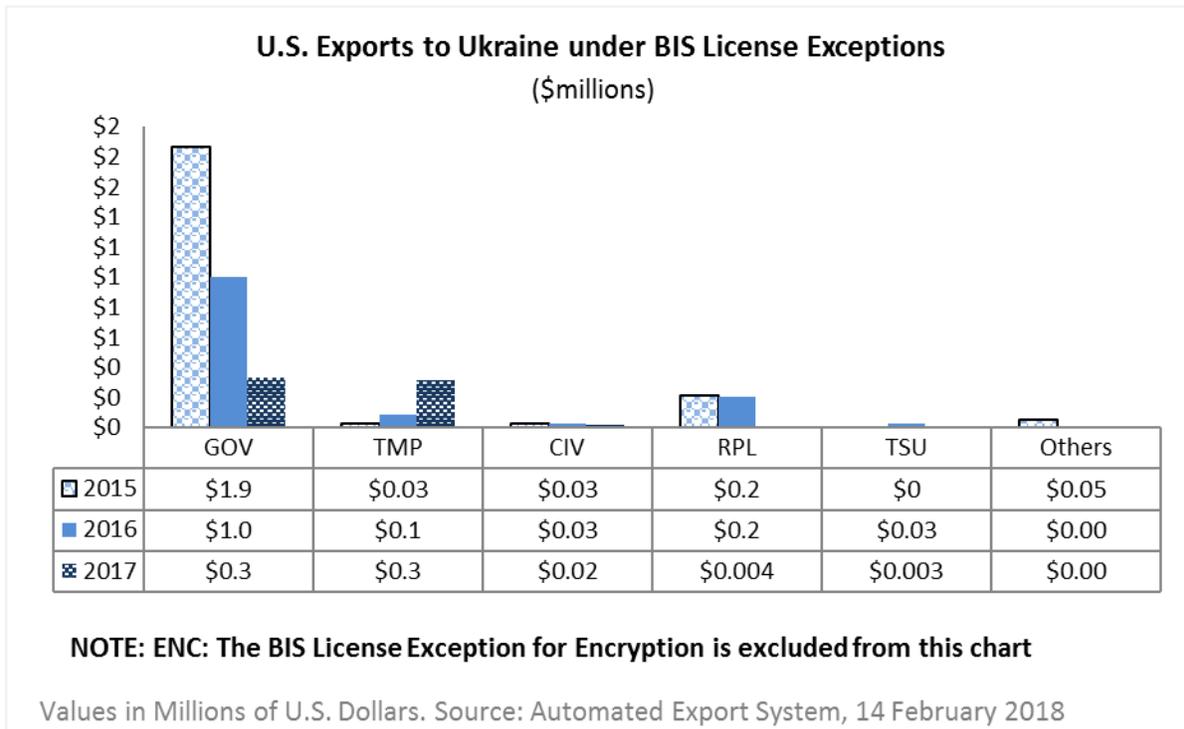




U.S. Exports to Ukraine Trends



The U.S. exports to Ukraine under Government and International Organizations (GOV) decreased from \$1.0 million in 2016 to \$0.3 million in 2017.





Office of Technology Evaluation U.S. Exports to Ukraine Trends by Export Control Classification Number

Top Ten ECCNs by Value to Ukraine (\$millions)		2017	2016	2015
LICENSED	#1 6A003 Cameras	\$1.55	\$1.56	\$0.01
	#2 3A981 Polygraphs/Fingerprint Analyzers/Cameras/Equip.	\$1.14	\$0.02	\$0.05
	#3 1A004 Protective and Detection Equip.	\$1.12	\$0.13	\$0.33
	#4 0A984 Shotguns, Buckshot, Shotgun Shells	\$0.55	\$0.32	\$0.55
	#5 1A613 Armored and Protective Equip., Constructions, and Components	\$0.34	\$0.23	\$1.03
	#6 0A987 Optical Sighting Devices for Firearms	\$0.26	\$0.15	\$1.09
	#7 3A001 Electronic Devices/Components	\$0.25	\$0.01	\$0.00
	#8 9A610 Military Aircraft and Related Commodities	\$0.21	\$0.09	\$0.00
	#9 5A002 Systems/Equip./Integrated Circuits for Info Sec	\$0.17	\$0.04	\$0.13
	#10 0A979 Police Helmets, Shields and Parts	\$0.15	\$0.10	\$0.00

Values in Millions of U.S. Dollars. Source: Automated Export System, 14 February 2018

Top Ten ECCNs by Value to Ukraine (\$millions)		2017	2016	2015
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec	\$4.00	\$3.19	\$1.87
	#2 1A004 Protective and Detection Equip.	\$0.32	\$0.53	\$1.87
	#3 3A001 Electronic Devices/Components	\$0.26	\$0.03	\$0.03
	#4 EAR99 Items subject to the EAR that are not elsewhere controlled	\$0.03	\$0.00	\$0.00
	#5 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...	\$0.02	\$0.00	\$0.00
	#6 0A979 Police Helmets, Shields and Parts	\$0.02	\$0.08	\$0.00
	#7 5D002 Software for Information Security	\$0.01	\$0.03	\$0.00
	#8 (blank) No ECCN Reported for TMP*	\$0.01	\$0.02	\$0.00
	#9 1A607 Military dissemination "equipment" for riot control agents, military	\$0.00	\$0.00	\$0.00
	#10 6A005 Optical Equip. (Lasers)	\$0.00	\$0.00	\$0.00

Values in Millions of U.S. Dollars. Source: Automated Export System, 14 February 2018

* Note: ECCN is required for license exception TMP as per EAR 758.1(g)(2)

Top Ten ECCNs by Value to Ukraine (\$millions)		2017	2016	2015
NLR with ECCN	#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.	\$117.88	\$85.90	\$14.68
	#2 1A999 Specific Processing Equip., N.E.S	\$2.82	\$4.13	\$0.12
	#3 5A991 Transmission Items Not W/I Parameters In 5A001	\$2.47	\$1.59	\$0.96
	#4 5A992 Information Security Equip.	\$2.42	\$2.13	\$0.90
	#5 7A994 Other "Software" as Follows (See List of Items Controlled).	\$1.76	\$3.55	\$0.72
	#6 3A999 Specific Processing Equip., N.E.S.	\$1.07	\$0.94	\$0.21
	#7 1C992 Oil Well Perforators	\$1.05	\$0.26	\$0.58
	#8 9B990 Vibration Test Equip. and "Specially Designed" "Parts" and "Components..."	\$0.79	\$0.03	\$0.02
	#9 6A992 Optical Sensors, Not Controlled By 6A002, as Follows (See List of Item...	\$0.57	\$0.06	\$0.06
	#10 3A992 General Purpose Electronic Equip.	\$0.47	\$0.29	\$0.14

Values in Millions of U.S. Dollars. Source: Automated Export System, 14 February 2018



Office of Technology Evaluation U.S. Exports to Ukraine Trends by Export Control Classification Number

Top Ten ECCNs to Ukraine by Shipment Count		2017	2016	2015
LICENSED	#1 0A984 Shotguns, Buckshot, Shotgun Shells	22	12	9
	#2 0A987 Optical Sighting Devices for Firearms	18	30	30
	#3 5A002 Systems/Equip./Integrated Circuits for Info Sec	9	1	9
	#4 3A981 Polygraphs/Fingerprint Analyzers/Cameras/Equip.	9	4	10
	#5 6A003 Cameras	9	8	1
	#6 3A001 Electronic Devices/Components	6	3	0
	#7 3A611 Military Electronics	5	2	1
	#8 1A004 Protective and Detection Equip.	5	3	3
	#9 7A611 Navigation and Avionics equipment and systems, and "parts,"	4	0	0
	#10 0A979 Police Helmets, Shields and Parts	4	3	0

Source: Automated Export System, 14 February 2018

Top Ten ECCNs to Ukraine by Shipment Count		2017	2016	2015
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec	223	131	108
	#2 1A004 Protective and Detection Equip.	16	2	3
	#3 3A001 Electronic Devices/Components	15	61	59
	#4 5D002 Software for Information Security	10	4	0
	#5 EAR99 Items subject to the EAR that are not elsewhere controlled	4	5	1
	#6 (blank) No ECCN Reported for TMP*	3	1	0
	#7 6A005 Optical Equip. (Lasers)	1	0	0
	#8 1A607 Military dissemination "equipment" for riot control agents, military	1	0	0
	#9 0A987 Optical Sighting Devices for Firearms	1	1	1
	#10 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...	1	1	0

Source: Automated Export System, 14 February 2018

* Note: ECCN is required for license exception TMP as per EAR 758.1(g)(2)

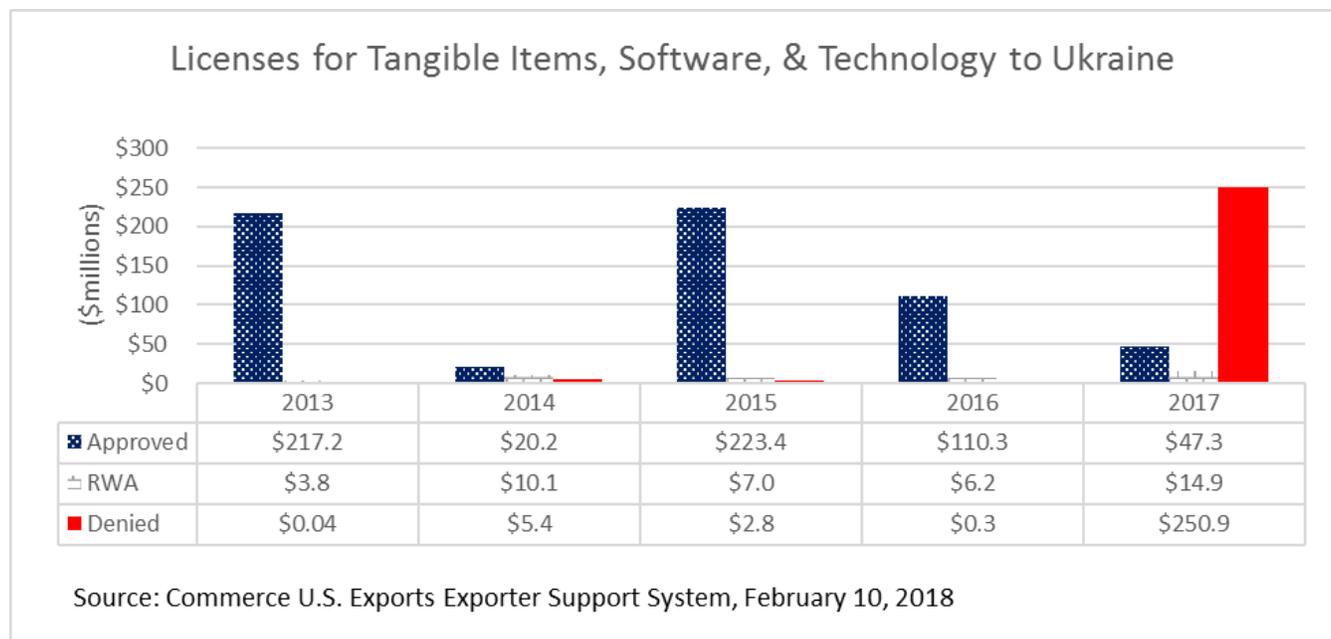
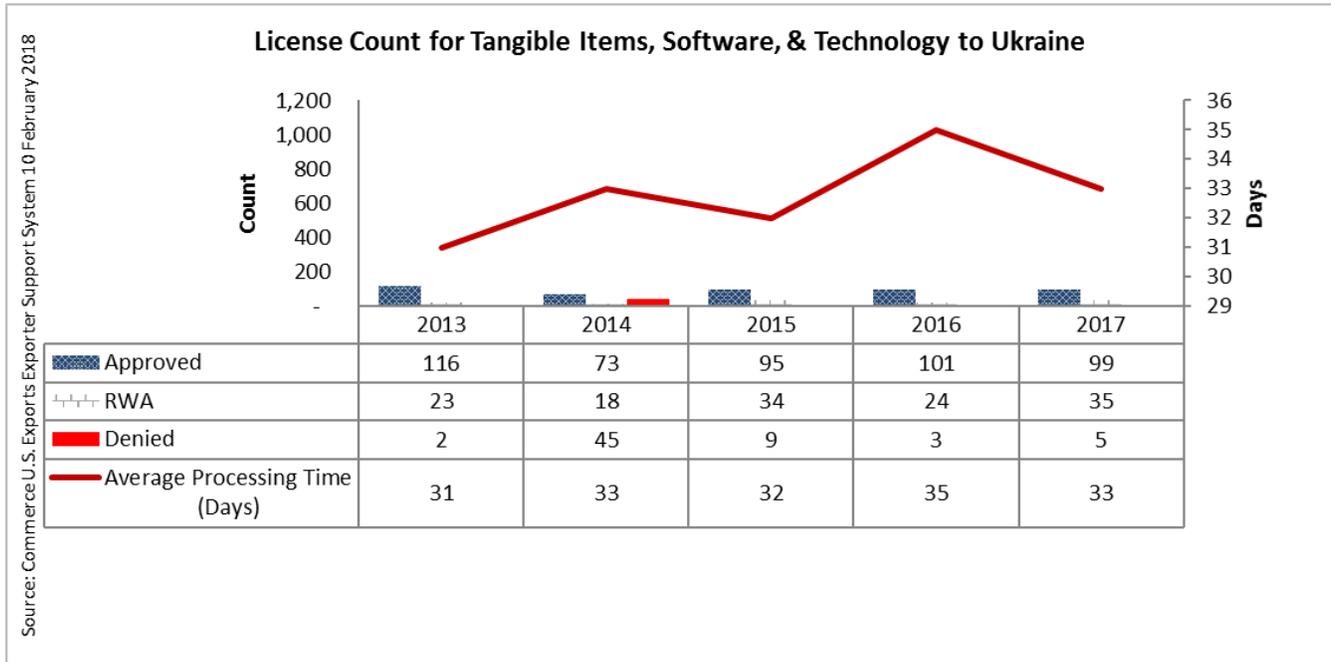
Top Ten ECCNs to Ukraine by Shipment Count		2017	2016	2015
NLR with ECCN	#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.	515	585	385
	#2 5A992 Information Security Equip.	194	232	80
	#3 5A991 Transmission Items Not W/I Parameters In 5A001	171	155	127
	#4 7A994 Other "Software" as Follows (See List of Items Controlled).	106	193	57
	#5 3A991 Electronic Devices and Components	98	78	77
	#6 3A992 General Purpose Electronic Equip.	56	42	12
	#7 3A999 Specific Processing Equip., N.E.S.	32	33	16
	#8 1C992 Oil Well Perforators	21	6	23
	#9 4A994 Items Not Controlled By 4A001/4A002/4A003	19	27	32
	#10 1A999 Specific Processing Equip., N.E.S	11	12	5

Source: Automated Export System, 14 February 2018



In 2017, BIS reviewed 139 export/re-export applications (not including deemed export applications) valued at \$313.0 million for Ukraine, out of a total of 34,926 applications worldwide valued at \$570.8 billion.

- In 2017, approved applications for Ukraine totaled 99 (71.2% of the total applications) for \$47 million, compared to the 29,655 (84.9%) approved applications for all destinations that totaled \$318.1 billion.
- In 2017, approved Deemed Export applications for Ukraine totaled 9, out of 1,406 worldwide.





		Top Five Approved (with deemed) ECCNs to Ukraine by Count					2017	% of World Total 2017	
Approved	#1	1A004	Protective and Detection Equip.	10	2	4	6	11	1.3%
	#2	3A981	Polygraphs/Fingerprint Analyzers/Cameras/Equip.	8	0	22	9	11	2.4%
	#3	1A613	Armored and Protective Equip., Constructions, and ...	0	12	7	1	10	2.0%
	#4	6A003	Cameras	5	0	3	6	8	1.1%
	#5	3A001	Electronic Devices/Components	6	1	0	13	8	0.7%

Source: Commerce U.S. Exports Exporter Support System 10 February 2018

		Denied (with deemed) ECCNs to Ukraine by Count					2017	% of World Total 2017	
Denied	#1	0A987	Optical Sighting Devices for Firearms					2	8.7%
	#2	0A985	Discharge Type Arms					1	16.7%
	#3	0A987	Optical Sighting Devices for Firearms					1	4.3%
	#4	1B001	Equip. for Production of Fibers, Preforms Or Co					1	33.3%
	#5	1D001	"Software" "Specially Designed" Or Modified for the "Development", "Pr...					1	100.0%
	#6	3A001	Electronic Devices/Components					1	1.9%
	#7	9A619	Military Gas Turbine Engines and Related Commodities					1	16.7%

Source: Commerce U.S. Exports Exporter Support System 10 February 2018

In 2017, the most notable denial was the application for 9A619 with a dollar value of \$250.0 million.



Summary of U.S. Exports to Ukraine Calendar Year 2017				
	CY2017	CY2016	% of Total Exports	Percentage Change from previous year
Total Exports	\$1,825,938,946	\$1,077,261,945		69.5%
Subject to ITAR	\$108,664,141	\$103,601,976	6.0%	4.9%
Subject to Other Gov. Agencies	\$10,636,193	\$16,640,986	0.6%	-36.1%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$6,045,171	100.0%	
Total of Licensed		\$6,045,171	0.3%	total licensed/total exports
C37	CIV	\$18,673	0.4%	
C40	TMP	\$314,545	6.7%	
C41	RPL	\$3,770	0.1%	
C42	GOV	\$331,206	7.1%	
C44	TSU	\$3,118	0.1%	
C50	ENC	\$4,006,282	85.6%	
Total of License Exceptions		\$4,677,594	0.3%	total license exceptions/total exports
			43.6%	total license exceptions/total subject to license requirement
Total subject to license requirement (Licensed and License Exceptions)		\$10,722,765	0.6%	total subject to license requirement/total exports
C32 and C33	NLR Containing an ECCN	\$132,986,853	7.3%	NLR with ECCN / Total Exports
C60	.y 600 series	\$47,529	0.003%	.y 600 series / Total Exports
Total of NLR with an ECCN and .y 600-series		\$133,034,382	7.3%	Total NLR with an ECCN and .y 600 series/total export
Exports not reporting an ECCN		\$1,562,881,465	85.6%	Total not reporting an ECCN/Total Exports
Source: U.S. Census Bureau, Foreign Trade Division and Automated Export System				