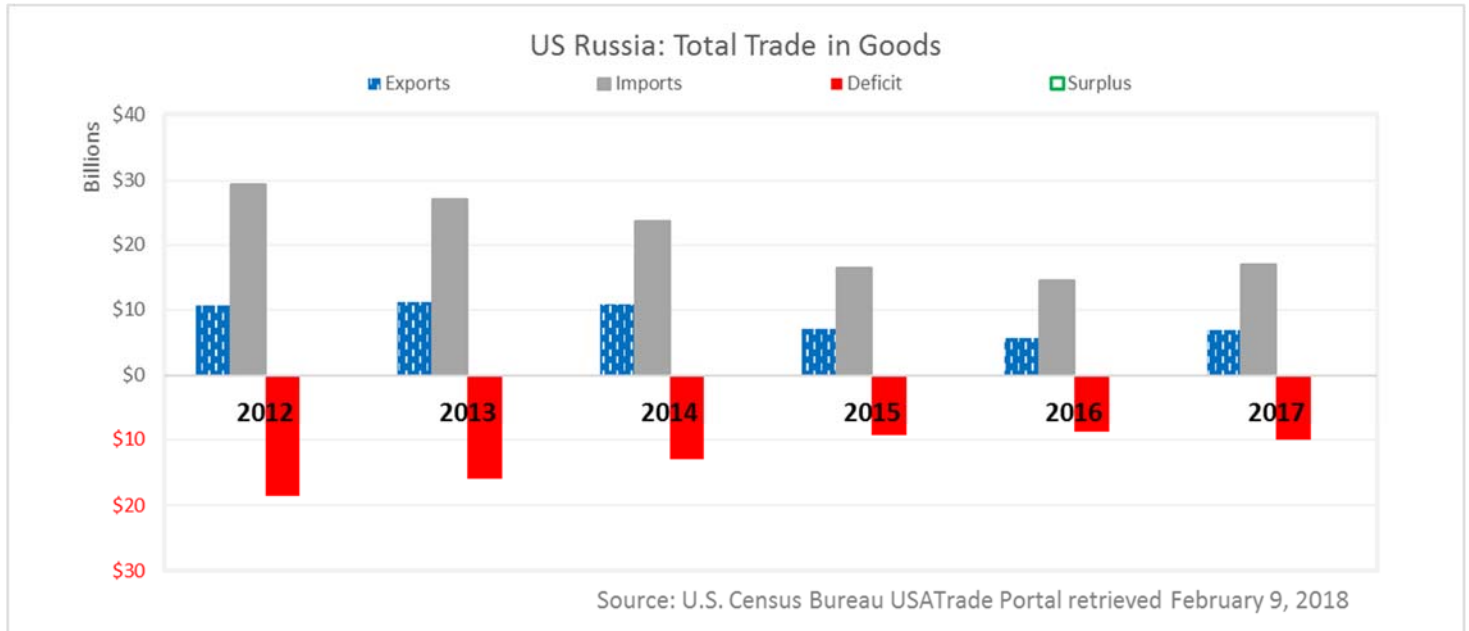




I. Total U.S. Trade in Goods with Russia

In 2017, U.S. exports to Russia totaled \$7.0 billion, a 20.6% (\$1.2 billion) increase from 2016; U.S. imports from Russia totaled \$17.0 billion, a 17.0% (\$2.5 billion) increase; and the trade deficit was \$10.0 billion, a 14.5% (\$1.3 billion) increase.



In 2017, 0.5% of total US exports to the world were exported to Russia while 0.7% of total US Imports were imported from Russia. The level of U.S. exports to Russia and the level of U.S. imports from Russia in 2017 are below the preceding five-year average level by value not adjusted for inflation.

	2012	2013	2014	2015	2016	2017	2012-2016 Average
EXPORTS	\$10,695.3	\$11,144.7	\$10,752.4	\$7,086.5	\$5,791.7	\$6,987.1	\$9,094.1
Δvalue	--	\$449.5	-\$392.3	-\$3,665.9	-\$1,294.9	\$1,195.4	
Δpct	--	4.2%	-3.5%	-34.1%	-18.3%	20.6%	
IMPORTS	\$29,364.8	\$27,085.7	\$23,659.6	\$16,365.9	\$14,536.0	\$17,003.3	\$22,202.4
Δvalue	--	-\$2,279.1	-\$3,426.1	-\$7,293.7	-\$1,829.9	\$2,467.3	
Δpct	--	-7.8%	-12.6%	-30.8%	-11.2%	17.0%	
BALANCE	(\$18,669.5)	(\$15,940.9)	(\$12,907.2)	(\$9,279.3)	(\$8,744.3)	(\$10,016.2)	(\$13,108.3)
Δvalue	--	\$2,728.6	\$3,033.8	\$3,627.8	\$535.0	(\$1,271.9)	
Δpct	--	-14.6%	-19.0%	-28.1%	-5.8%	14.5%	

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



In 2017, of the \$7.0 billion in total U.S. exports to Russia, the top commodity sectors were comprised of Transportation Equipment (42.9%), Machinery (25.6%) and Chemicals, Plastics and Leather products (14.1%). The Transportation Equipment exports totaled \$3.0 billion and were primarily civilian aircraft, engines, and parts, with 77% of the total value.

In 2017, of the \$17.0 billion in U.S. imports from Russia was mainly comprised of top commodity sectors Minerals (45.2%) and Base metals (27.9%). The \$7.7 billion of Mineral imports from Russia were predominately petroleum oils, and oils from bituminous minerals (other than crude), with 71.4% of the total value in that sector.

Imports from Russia by Sector	Russia Commodity Trade 2017	US exports to Russia by Sector
\$17,003,323,259	Total Value All Commodities	\$6,987,121,082
3.1%	Agriculture (Chapters 01-24)	2.8%
45.2%	Minerals (Chapters 25-27)	0.4%
9.5%	Chemicals, Plastics, Leather (Chapters 28-43)	14.1%
1.2%	Wood Products (Chapters 44-49)	0.9%
0.1%	Textiles and Footwear (Chapters 50-67)	0.8%
6.0%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	1.3%
27.9%	Base metals (Chapters 72-83)	2.1%
2.4%	Machinery (Chapters 84-85)	25.6%
1.3%	Transportation (Chapters 86-89)	42.9%
0.3%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	7.3%
0.7%	Arms & Ammunition (Chapter 93)	0.0%
0.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	1.2%
0.9%	Art & Antiques (Chapter 97)	0.3%
1.3%	Special Items (Chapters 98-99** Imports only 99)	0.3%

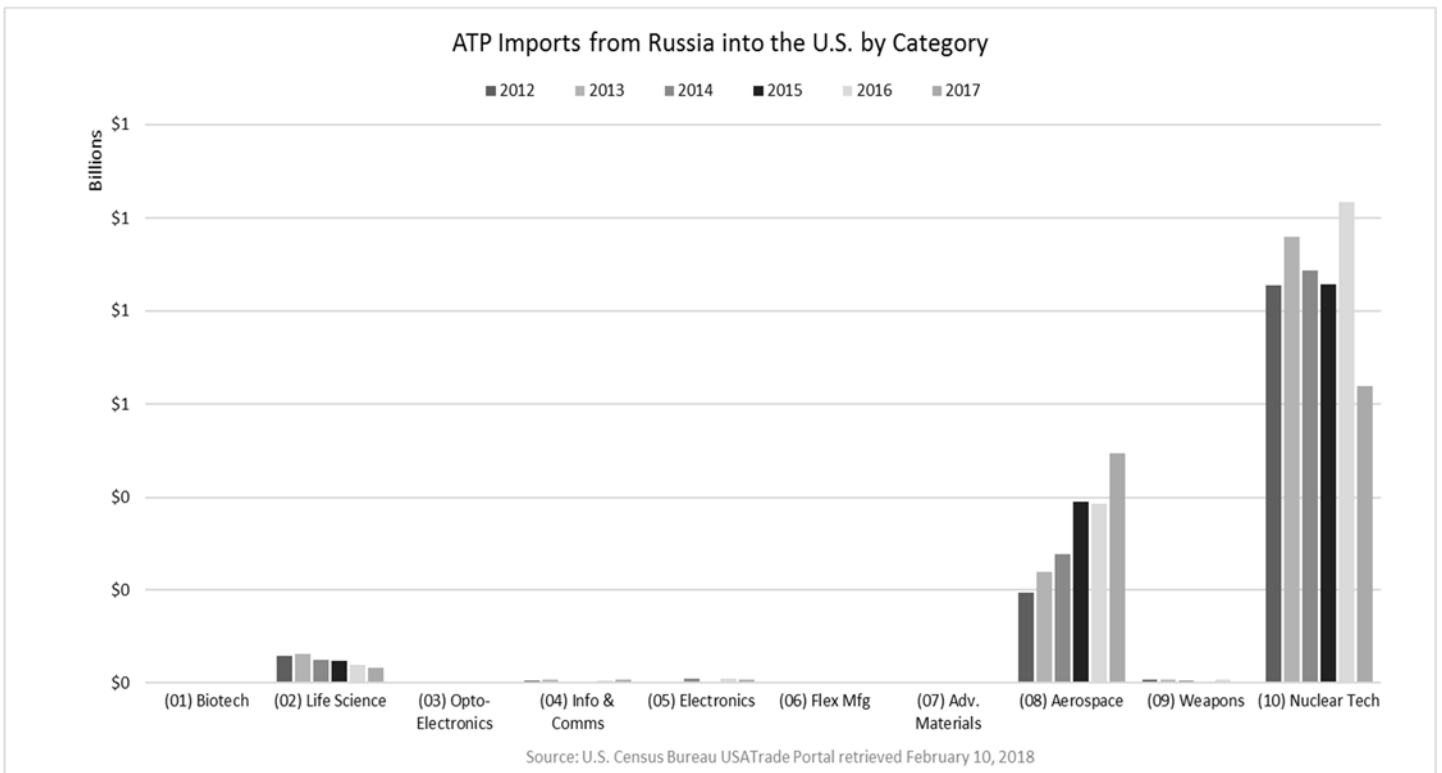
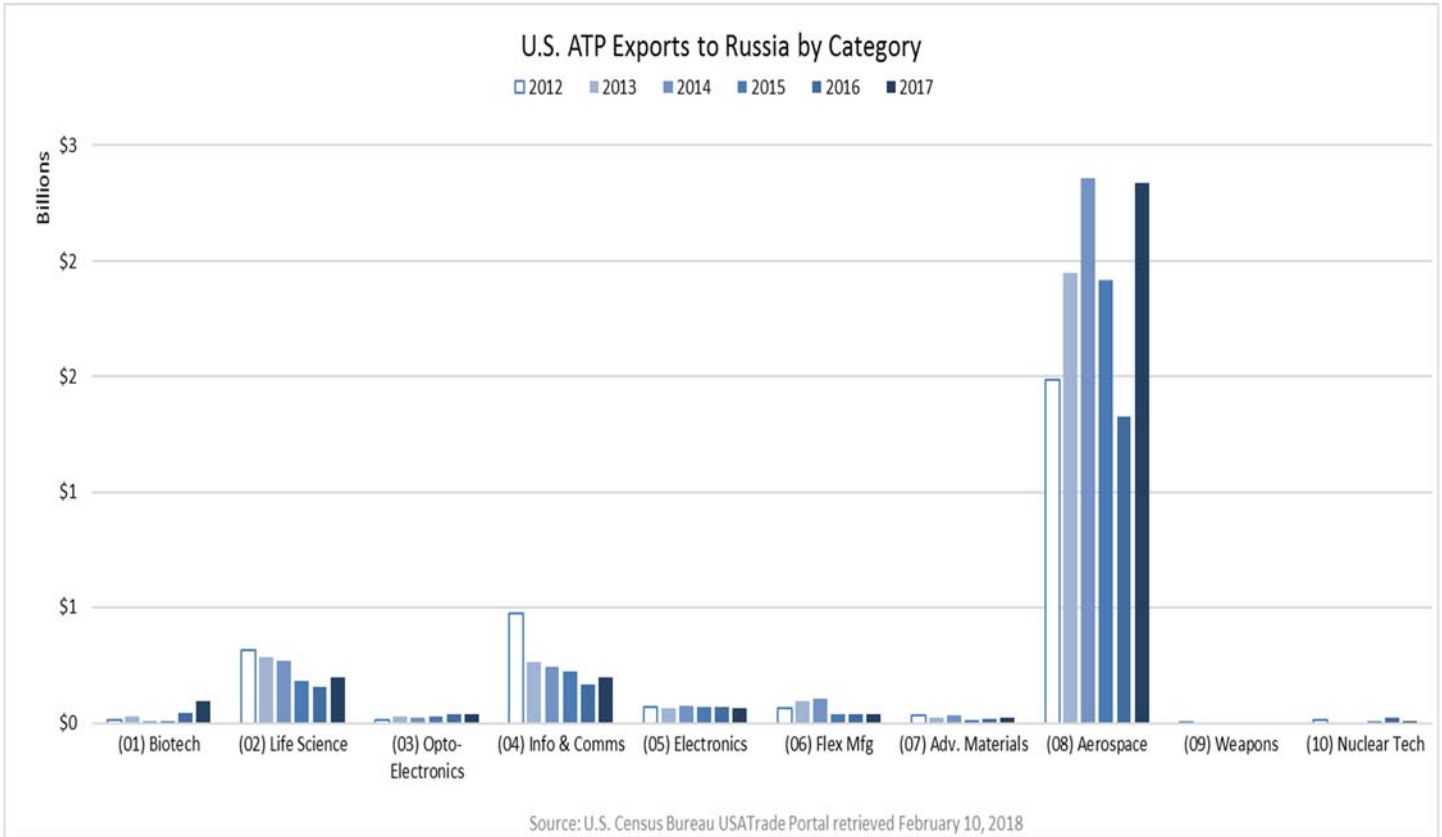
Source: U.S. Census Bureau USATrade Portal retrieved February 10, 2018

In 2017, Advanced Technology Products (ATP)¹ exports from Russia were 43.1% (\$3.0 billion) of total U.S. exports; ATP imports from Russia were only 7.0% (\$1.2 billion) of total U.S. imports. The total U.S. ATP exports to Russia increased 59.5% from 2016, with the largest increase (111.6%) in the Biotechnology category. However, Biotechnology only consisted of 3.2% of the total U.S. ATP export value. The largest category of U.S. ATP exports to Russia was Aerospace, which made up 77.7% of the total U.S. ATP export value. There was also a 76.0% increase from 2016 in Aerospace sector.

	2012	2013	2014	2015	2016	2017	2012-2016 Average
EXPORTS	\$2,486.6	\$2,746.4	\$3,123.8	\$2,498.7	\$1,887.9	\$3,011.4	\$2,548.7
Δvalue	--	\$259.9	\$377.3	-\$625.0	-\$610.8	\$1,123.5	
Δpct	--	10.5%	13.7%	-20.0%	-24.4%	59.5%	
IMPORTS	\$1,128.0	\$1,282.6	\$1,236.1	\$1,314.8	\$1,488.7	\$1,188.9	\$1,290.0
Δvalue	--	\$154.6	-\$46.5	\$78.7	\$173.9	-\$299.8	
Δpct	--	13.7%	-3.6%	6.4%	13.2%	-20.1%	
BALANCE	\$1,358.6	\$1,463.9	\$1,887.7	\$1,183.9	\$399.2	\$1,822.5	\$1,258.7
Δvalue	--	\$105.3	\$423.8	-\$703.7	-\$784.7	\$1,423.3	
Δpct	--	7.7%	29.0%	-37.3%	-66.3%	356.5%	

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

¹ Advanced Technology Product (ATP): about 500 of some 22,000 commodities classification codes contain products from a recognized high technology category (e.g., biotechnology).





II. Exports to Russia subject to US Government Filing Requirements

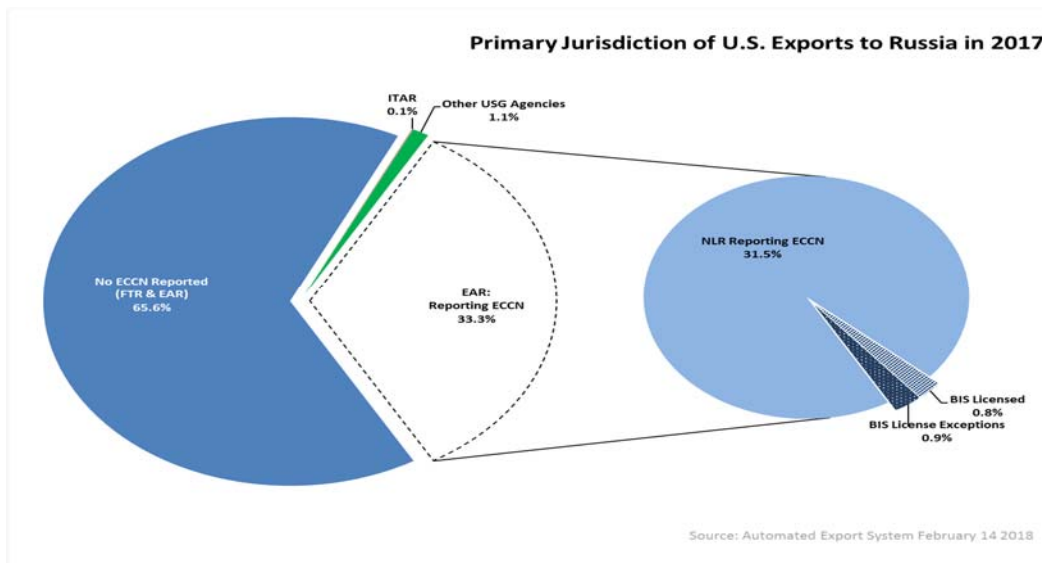
In 2017, of the \$7.0 billion in U.S. exports to Russia:

- 1.8% were subject to a BIS license requirement
 - 0.8% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - 0.9% were exported under a BIS license exception; Worldwide, 1.3% were exported under a BIS license exception.
- 31.5% were exported under No License Required with an ECCN; Worldwide, 11.8% were exported under No License Required with an ECCN.

		Russia		
		2015	2016	2017
	Department of State	\$7.1	\$0.3	\$3.8
	Other USG Agencies	\$215.3	\$107.0	\$75.5
	Department of Commerce	\$6,864.1	\$5,684.4	\$6,907.8
	BIS Licensed	\$31.2	\$33.1	\$58.7
	BIS License Exceptions	\$91.8	\$69.5	\$65.8
	NLR reporting an ECCN	\$1,705.7	\$1,290.6	\$2,202.3
	NLR not reporting an ECCN	\$5,035.3	\$4,291.1	\$4,581.1
	600-Series ".Y" Paragraph NLR	\$0.0	\$0.0	\$0.0

Values in Millions of U.S. Dollars. Source: Automated Export System Friday, February 9, 2018

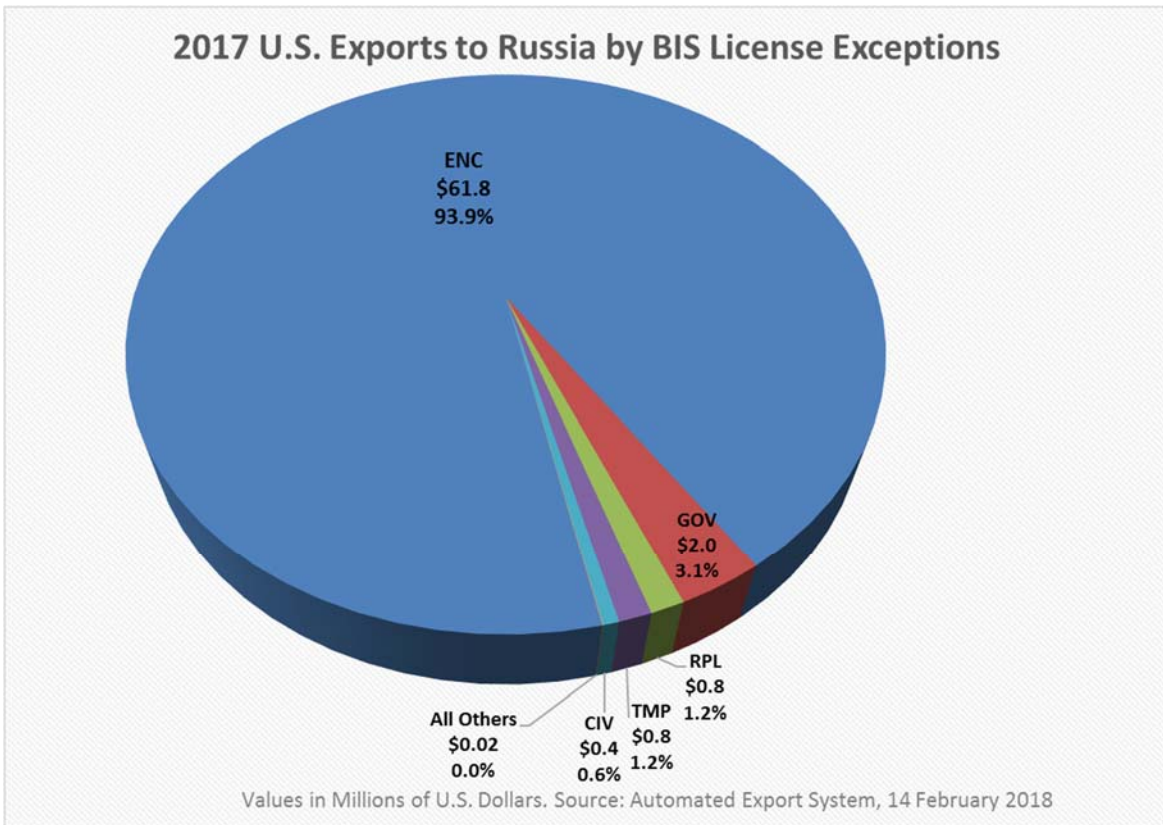
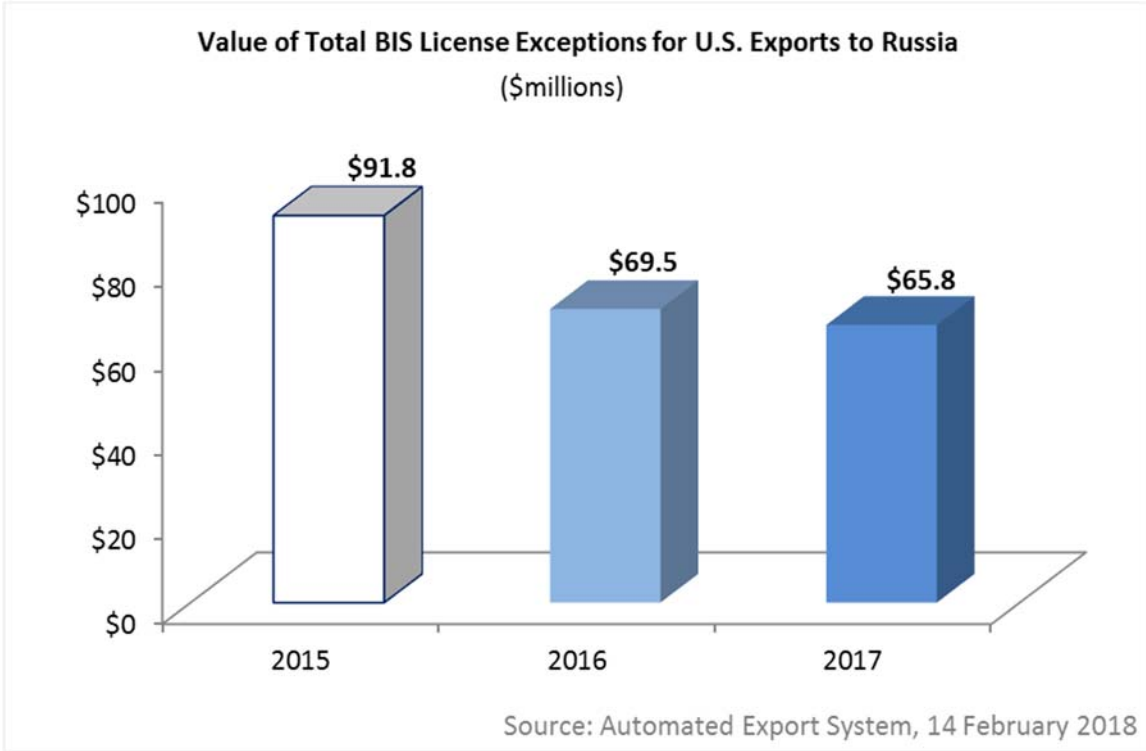
Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
Russia	X	X	X			X	X	X	X	X		X	X			

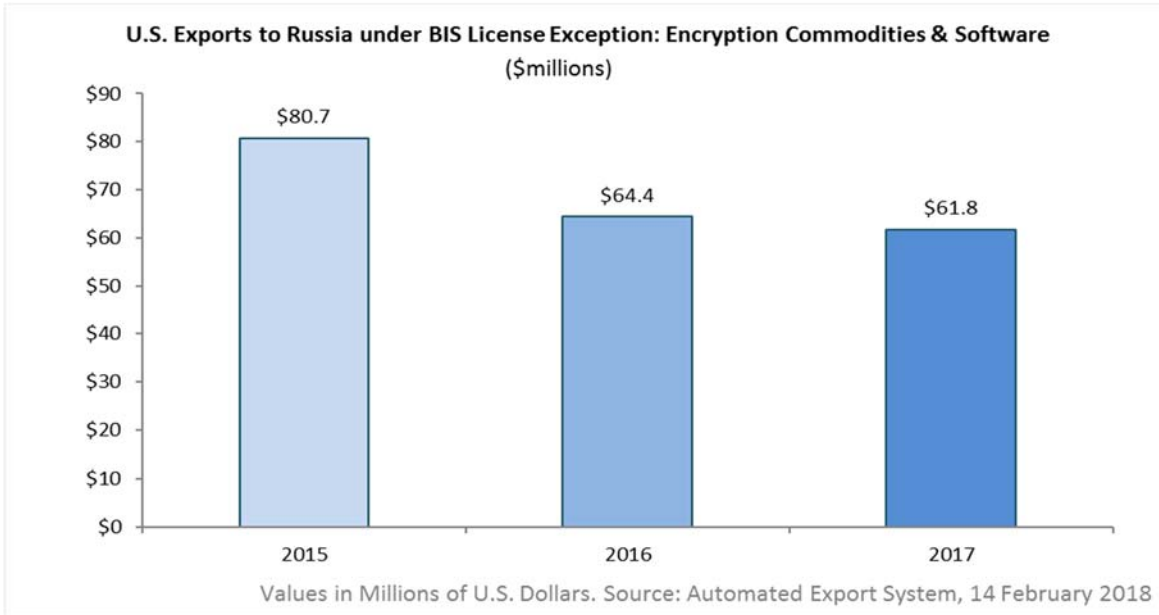




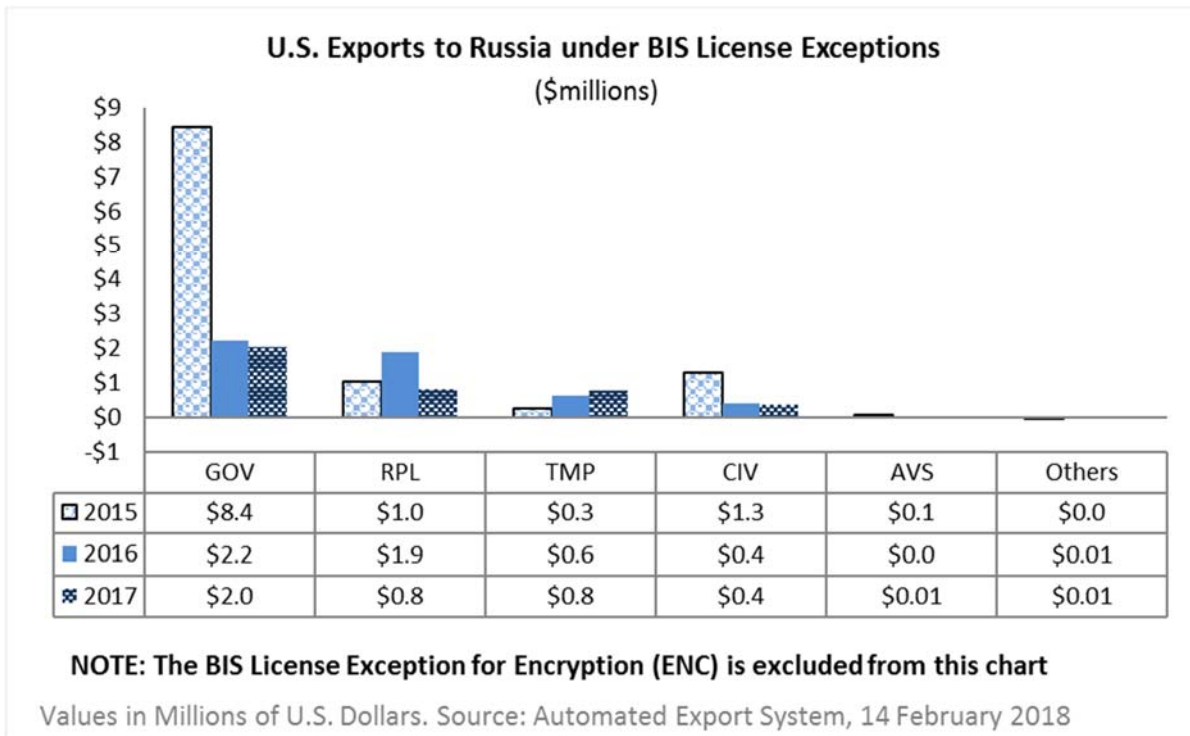
US to Russia Export Trade Trends

In 2017, U.S. exports to Russia shipped under a BIS license exception totaled \$65.8 million, a 5.4% (\$3.7 million) decrease from 2016. The top license exception Encryption commodities, Software and Technology (ENC) totaled \$61.8 million (94.0% of all license exceptions).





The U.S. exports to Russia under Government and International Organizations (GOV) has decreased significantly from \$8.4 million in 2015 to \$2.2 million in 2016 and to \$2.0 million in 2017.





Top Ten ECCNs by Value to Russia		
LICENSED	#1	9A001 Aero Gas Turbine Engines
	#2	9A515 Spacecraft and Related Commodities
	#3	2A983 Explosives Or Detonator Detection Equip.
	#4	3A001 Electronic Devices/Components
	#5	7A103 Instrumentation, Navigation Equip./Systems Not
	#6	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#7	EAR99 Items subject to the EAR that are not elsewhere controlled
	#8	2B001 Numerical Control Units/Motion Control Boards
	#9	7B001 Source Code Incorporating Development Technology Specified By 7E004.a ...
	#10	2B352 Equip. for Handling Biological Materials

Source: Automated Export System, March 15, 2018

Top Ten ECCNs by Value to Russia		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A515 Spacecraft and Related Commodities
	#3	5D002 Software for Information Security
	#4	3A001 Electronic Devices/Components
	#5	0A617 Miscellaneous Equip., Materials, and Related Commodities
	#6	5B002 Test/Inspection/Production Equip for Information S
	#7	EAR99 Items subject to the EAR that are not elsewhere controlled
	#8	(blank) No ECCN Reported for TMP*
	#9	9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#10	9A004 Spacecraft

*note: No ECCN is required for license exception TMP as per EAR 758.1(g)(2)

Source: Automated Export System, March 15, 2018

Top Ten ECCNs by Value to Russia		
NLR with ECCN	#1	9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#2	5A991 Transmission Items Not W/I Parameters In 5A001
	#3	5A992 Information Security Equip.
	#4	7A994 Other "Software" as Follows (See List of Items Controlled).
	#5	3A999 Specific Processing Equip., N.E.S.
	#6	2B999 Specific Processing Equip., N.E.S.
	#7	3A992 General Purpose Electronic Equip.
	#8	9A990 Diesel Engines, N.E.S., and Tractors and "Specially Designed" "Parts" ...
	#9	4A994 Items Not Controlled By 4A001/4A002/4A003
	#10	1C234 Zirconium, with a Hafnium Content

Source: Automated Export System, March 15, 2018



Top Ten ECCNs to Russia by Shipment Count			
LICENSED	#1	9A515	Spacecraft and Related Commodities
	#2	5A002	Systems/Equip./Integrated Circuits for Info Sec
	#3	2B350	Chemical Manufacturing Facilities and Equip.
	#4	3A001	Electronic Devices/Components
	#5	9A001	Aero Gas Turbine Engines
	#6	7E101	Technology for Equip./Software Controlled By 7A
	#7	7D101	Software for Commodities Controlled By 7A001/004,
	#8	EAR99	Items subject to the EAR that are not elsewhere controlled
	#9	1C006	Fluids and Lubricating Materials
	#10	1A004	Protective and Detection Equip.

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to Russia by Shipment Count			
EXCEPTIONS	#1	5A002	Systems/Equip./Integrated Circuits for Info Sec
	#2	3A001	Electronic Devices/Components
	#3	EAR99	Items subject to the EAR that are not elsewhere controlled
	#4	9A515	Spacecraft and Related Commodities
	#5	5D002	Software for Information Security
	#6	1C006	Fluids and Lubricating Materials
	#7	7A103	Instrumentation, Navigation Equip./Systems Not
	#8	(blank)	No ECCN reported for License Exception TMP*
	#9	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.
	#10	9E515	Technology Required for the Development, Production, Operation, Instal...
	*Note: No ECCN is required for license exception TMP as per EAR 758.1(g)(2)		

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to Russia by Shipment Count			
NLR with ECCN	#1	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.
	#2	5A992	Information Security Equip.
	#3	5A991	Transmission Items Not W/I Parameters In 5A001
	#4	7A994	Other "Software" as Follows (See List of Items Controlled).
	#5	3A991	Electronic Devices and Components
	#6	3A992	General Purpose Electronic Equip.
	#7	3A999	Specific Processing Equip., N.E.S.
	#8	4A994	Items Not Controlled By 4A001/4A002/4A003
	#9	2B999	Specific Processing Equip., N.E.S.
	#10	1C992	Oil Well Perforators

Source: Automated Export System, March 15, 2018



III. BIS Licensing to Russia

In 2017, BIS reviewed 460 export/re-export applications (not including deemed export applications) valued at \$300.2 billion for Russia, out of a total of 34,926 applications worldwide valued at \$570.8 billion.

- Approved applications for Russia totaled 183 (39.8% of the total applications) for \$107.5 billion, compared to the 29,655 (84.9%) approved applications for all destinations that totaled \$318.1 billion.
- Approved Deemed Export applications for Russia totaled 45, compared to 1,406 worldwide.

