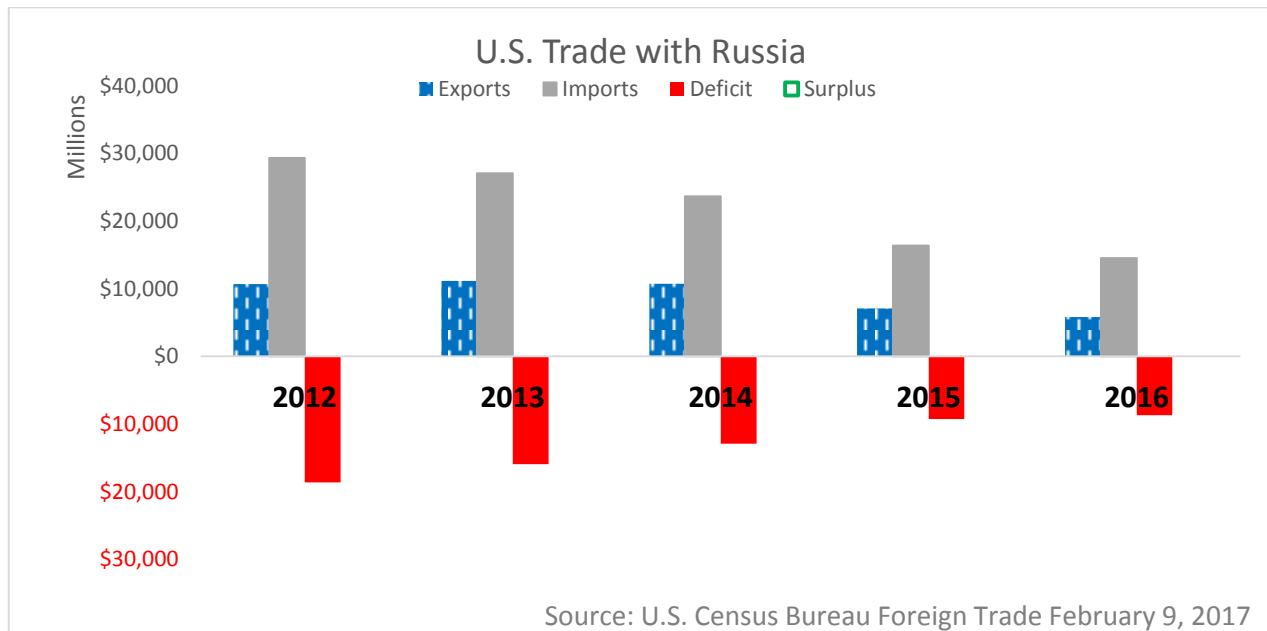


I. Total U.S. Trade with Russia

In 2016, U.S. exports to Russia totaled \$5.8 billion, an 18.2% (\$1.3 billion) decrease from 2015; U.S. imports from Russia totaled \$14.5 billion, an 11.3% (\$1.8 billion) decrease; and the trade deficit was \$8.7 billion, a 6.1% (\$564.1 million) decrease in the deficit.



	2012	2013	2014	2015	2016	Five-year Average
EXPORTS	\$10,695.3	\$11,144.7	\$10,751.9	\$7,087.1	\$5,797.5	
Δvalue	\$2,376.9	\$449.5	-\$392.8	-\$3,664.8	-\$1,289.6	\$9,919.8
Δpct	28.6%	4.2%	-3.5%	-34.1%	-18.2%	
IMPORTS	\$29,364.8	\$27,085.7	\$23,659.6	\$16,366.2	\$14,512.5	
Δvalue	-\$5,254.3	-\$2,279.1	-\$3,426.1	-\$7,293.4	-\$1,853.7	\$24,119.1
Δpct	-21.8%	-7.8%	-12.6%	-30.8%	-11.3%	
BALANCE	(\$18,669.5)	(\$15,940.9)	(\$12,907.6)	(\$9,279.1)	(\$8,714.9)	
Δvalue	(\$9,910.2)	\$2,728.6	\$3,033.3	\$3,628.6	\$564.1	(\$14,199.3)
Δpct	-37.7%	-14.6%	-19.0%	-28.1%	-6.1%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau Foreign Trade February 9, 2017

Of the \$5.8 billion in U.S. exports to Russia in 2016, the top commodity sectors were transportation equipment (33.9%), machinery and mechanical appliances (31.0%), and chemicals, plastics, and leather products (13.9%).



Of the \$14.5 billion in U.S. imports from Russia in 2016, the top commodity sectors were minerals (49.9%) and base metals (20.8%).

Imports from Russia by Sector	U.S. Commodity Trade with Russia for 2016	US exports to Russia by Sector
\$14,512,462,224	Total Value All Commodities	\$5,797,526,063
3.3%	Agriculture (Chapters 01-24)	4.3%
49.9%	Minerals (Chapters 25-27)	0.4%
13.5%	Chemicals, Plastics, Leather (Chapters 28-43)	13.9%
1.0%	Wood Products (Chapters 44-49)	0.9%
0.2%	Textiles and Footwear (Chapters 50-67)	0.9%
4.8%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	1.5%
20.8%	Base Metals (Chapters 72-83)	2.9%
2.1%	Machinery (Chapter 84-85)	31.0%
1.4%	Transportation (Chapters 86-89)	33.9%
0.3%	Optical, Measuring, Medical or Other instruments (Chapters 90-92)	7.6%
1.1%	Arms and Ammunition (Chapter 93)	0.0%
0.1%	Miscellaneous Manufactured Items (Chapter 94-96)	1.4%
0.3%	Art & Antiques (Chapter 97)	0.3%
1.1%	Special Items (Chapters 98-99** imports only 98)	0.6%

Source: US Census Bureau, April 13, 2017



Analysis of U.S. Exports to Russia subject to Government Filing Requirements

II. Exports to Russia subject to US Government Filing Requirements

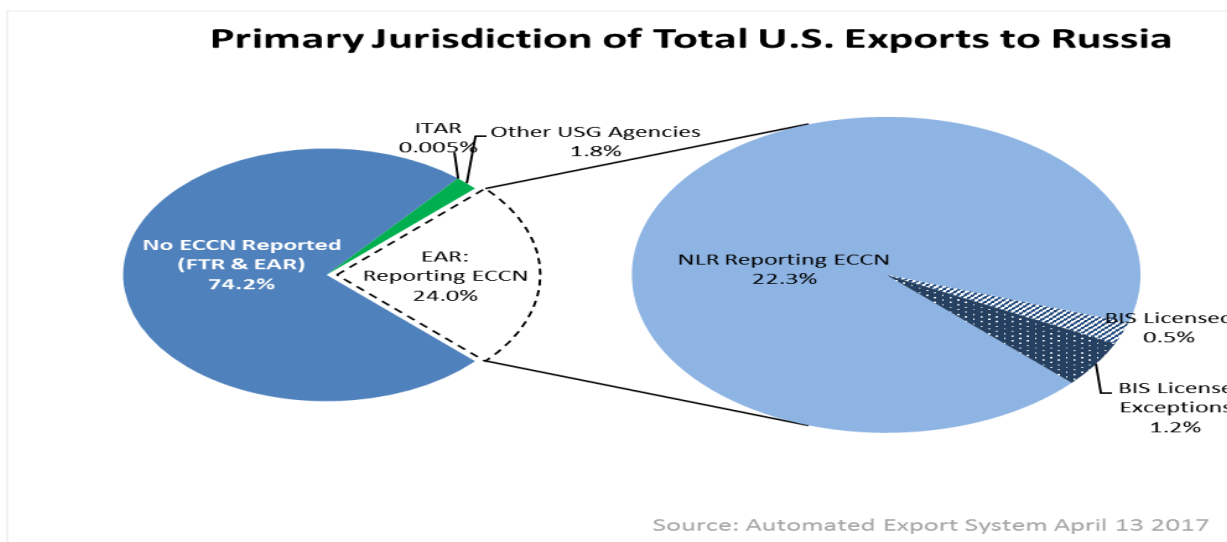
Of the \$5.8 billion in U.S. exports to Russia in 2016:

- 1.7% were subject to a BIS license requirement
 - 0.5% were exported under a BIS license; Worldwide, 0.5% were exported under a BIS license.
 - 1.2% were exported under a BIS license exception; Worldwide, 1.6% were exported under a BIS license exception.
- 22.3% were exported under No License Required with an ECCN; Worldwide, 12.2% were exported under No License Required with an ECCN.

	2014	2015	2016
Department of State	\$30.1	\$7.0	\$0.3
Other USG Agencies	\$26.6	\$214.9	\$107.0
Department of Commerce	\$10,695.3	\$6,865.2	\$5,690.2
BIS Licensed	\$25.8	\$30.8	\$31.2
BIS License Exceptions	\$63.1	\$91.8	\$67.2
NLR reporting an ECCN	\$2,286.7	\$1,704.5	\$1,291.0
NLR not reporting an ECCN	\$8,319.7	\$5,038.1	\$4,300.8
600-Series ".Y" Paragraph NLR	\$0.0	\$0.0	\$0.0

Values in Millions of U.S. Dollars. Source: Automated Export System April 13 2017

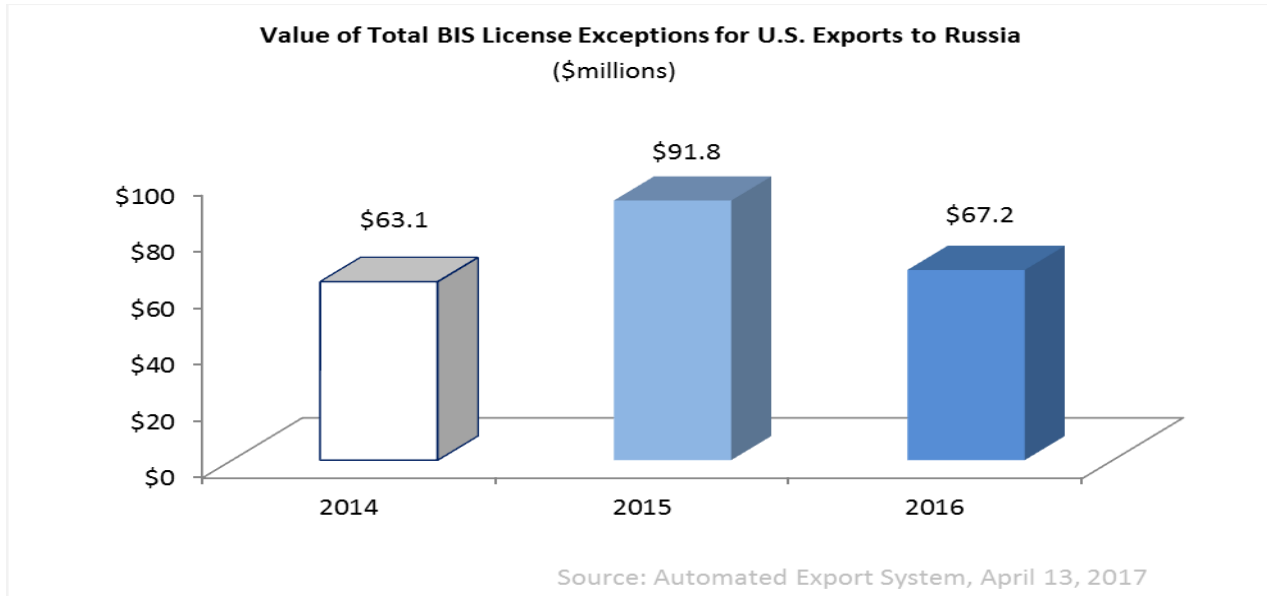
Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
Russia	X	X	X			X	X	X	X	X		X	X			



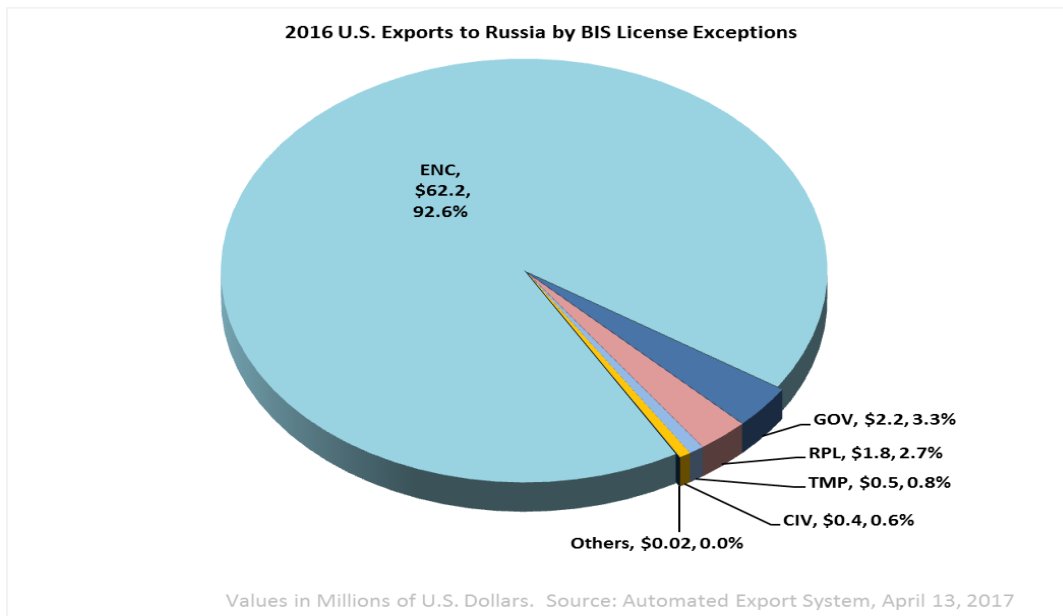


Analysis of U.S. Exports to Russia subject to Government Filing Requirements

In 2016, U.S. exports to Russia shipped under a BIS license exception totaled \$67.2 million, a 26.7% (\$24.5 million) decrease from 2015.

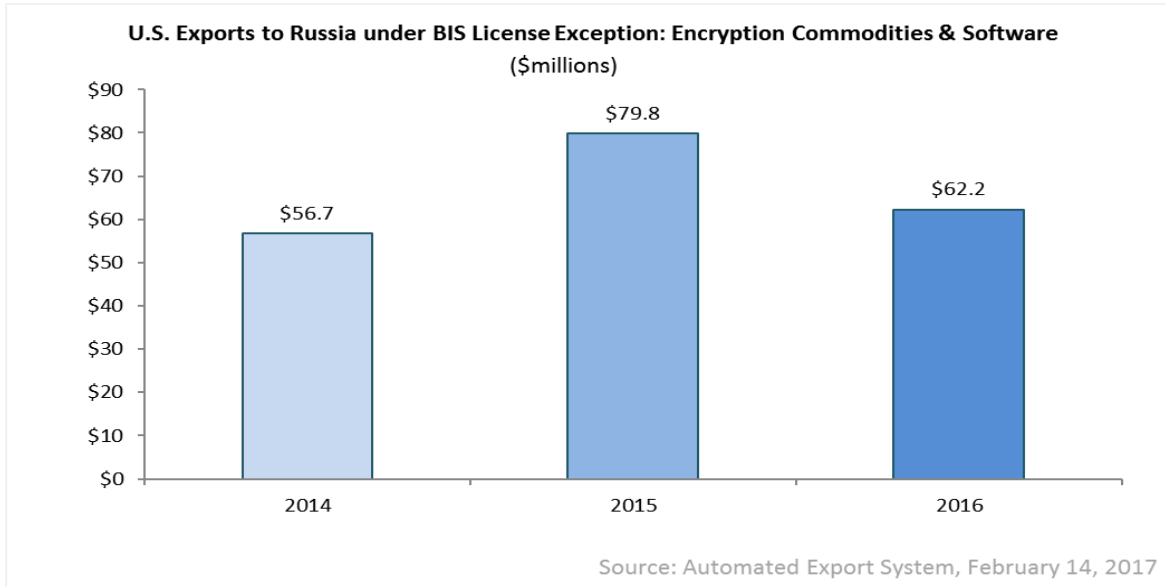


In 2016, the top license exception Encryption commodities, Software and Technology (ENC) totaled \$62.2 million (92.6% of all license exceptions).

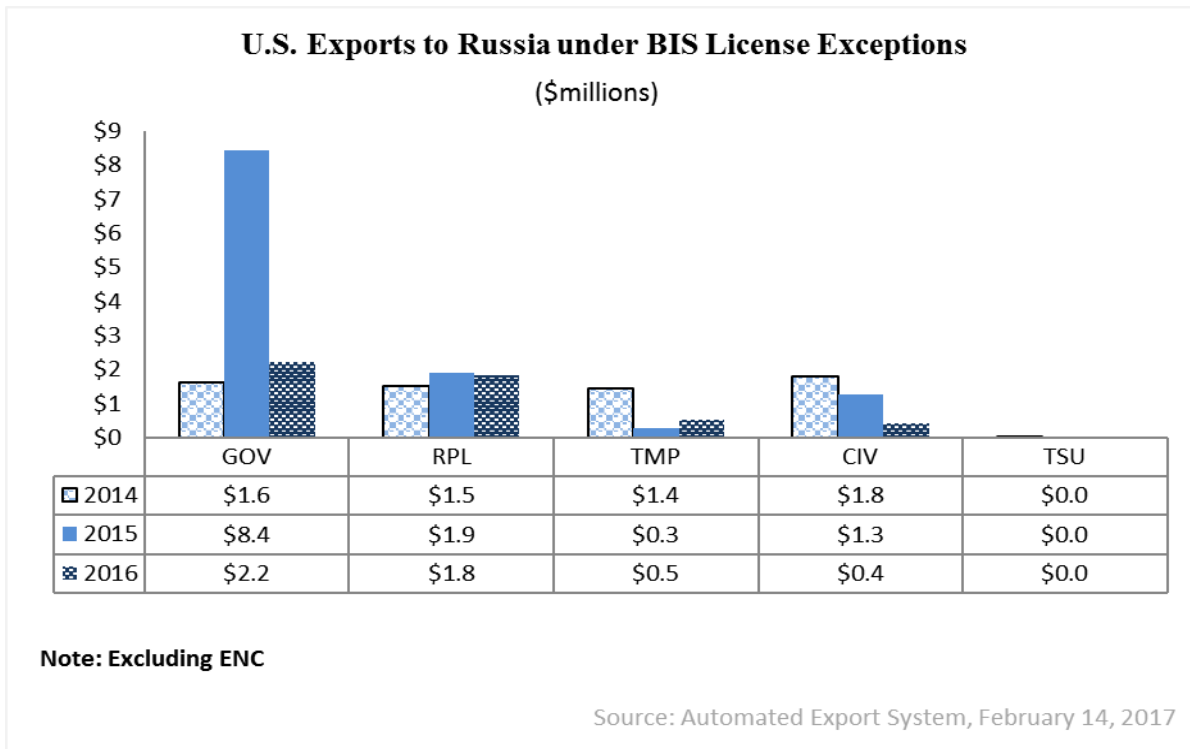




Analysis of U.S. Exports to Russia subject to Government Filing Requirements



The U.S. exports to Russia under Government End-users (GOV) decreased significantly from \$8.4 million in 2015 to \$2.2 million in 2016.





Analysis of U.S. Exports to Russia subject to Government Filing Requirements

Top Ten ECCNs by Value to Russia (\$millions)	
LICENSED	#1 9A001 Aero Gas Turbine Engines
	#2 9A515 Spacecraft and Related Commodities
	#3 3A001 Electronic Devices/Components
	#4 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#5 EAR99 Items subject to the EAR that are not elsewhere controlled
	#6 7B001 Source Code Incorporating Development Technology Specified By 7E004.a ...
	#7 4A994 Items Not Controlled By 4A001/4A002/4A003
	#8 2B201 Machine tools for Removing Or Cutting Metals
	#9 7A103 Instrumentation, Navigation Equip./Systems Not
	#10 7B101 Equip. Designed for Production of Inertial Meas

Top Ten ECCNs by Value to Russia (\$millions)	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 9A515 Spacecraft and Related Commodities
	#3 7A103 Instrumentation, Navigation Equip./Systems Not
	#4 5D002 Software for Information Security
	#5 9A004 Spacecraft
	#6 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#7 3A001 Electronic Devices/Components
	#8 5B002 Test/Inspection/Production Equip for Information S
	#9 3A231 Neutron Generator Systems Including Tubes
	#10 5B001 Telecommunication Test, Inspection and Production Equip., "Components"...

Top Ten ECCNs by Value to Russia (\$millions)	
NLR with ECCN	#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#2 9A990 Diesel Engines, N.E.S., and Tractors and "Specially Designed" "Parts" ...
	#3 5A992 Information Security Equip.
	#4 5A991 Transmission Items Not W/I Parameters In 5A001
	#5 2B999 Specific Processing Equip., N.E.S.
	#6 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#7 7A994 Other "Software" as Follows (See List of Items Controlled).
	#8 1C992 Oil Well Perforators
	#9 4A994 Items Not Controlled By 4A001/4A002/4A003
	#10 3A999 Specific Processing Equip., N.E.S.



Analysis of U.S. Exports to Russia subject to Government Filing Requirements

Top Ten ECCNs to Russia by Shipment Count	
LICENSED	#1 3A001 Electronic Devices/Components
	#2 9A515 Spacecraft and Related Commodities
	#3 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#4 EAR99 Items subject to the EAR that are not elsewhere controlled
	#5 4A994 Items Not Controlled By 4A001/4A002/4A003
	#6 5A992 Information Security Equip.
	#7 7E101 Technology for Equip./Software Controlled By 7A
	#8 2B350 Chemical Manufacturing Facilities and Equip.
	#9 5D002 Software for Information Security
	#10 7A103 Instrumentation, Navigation Equip./Systems Not

Top Ten ECCNs to Russia by Shipment Count	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 3A001 Electronic Devices/Components
	#3 5D002 Software for Information Security
	#4 1C006 Fluids and Lubricating Materials
	#5 7A103 Instrumentation, Navigation Equip./Systems Not
	#6 9A004 Spacecraft
	#7 7A994 Other "Software" as Follows (See List of Items Controlled).
	#8 EAR99 Items subject to the EAR that are not elsewhere controlled
	#9 9A515 Spacecraft and Related Commodities
	#10 5B002 Test/Inspection/Production Equip for Information S

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 3A991 Electronic Devices and Components
	#5 7A994 Other "Software" as Follows (See List of Items Controlled).
	#6 4A994 Items Not Controlled By 4A001/4A002/4A003
	#7 3A992 General Purpose Electronic Equip.
	#8 3A999 Specific Processing Equip., N.E.S.
	#9 2B999 Specific Processing Equip., N.E.S.
	#10 9A990 Diesel Engines, N.E.S., and Tractors and "Specially Designed" "Parts" ...

Source: Commerce U.S. Exports Exporter Support System, March 15, 2017



III. Licensing to Russia subject to US Government Filing Requirements

In 2016, BIS reviewed 502 export/re-export applications (not including deemed export applications) valued at \$4.3 billion for Russia, out of a total of 33,195 applications worldwide valued at \$235.4 billion.

- Approved applications for Russia totaled 208 (41.4% of the total applications) for \$2.7 billion, compared to the 28,214 (85.0%) approved applications for all destinations that totaled \$210.3 billion.

