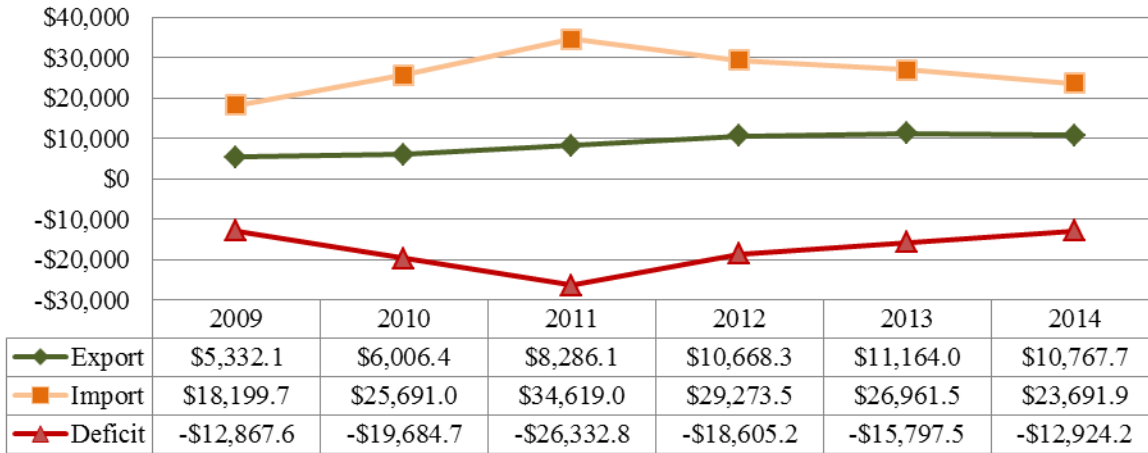


Statistical Analysis of U.S. Trade with Russia for Calendar Year 2014

Office of Technology Evaluation

In 2014, U.S. exports to Russia valued \$10.8 billion, a 3.5% (\$396.3 million) decrease from 2013; U.S. imports from Russia were \$23.7 billion, a 12.1% (\$3.3 billion) decrease; and the trade deficit was \$13.0 billion, an 18.2% (\$2.9 billion) decrease.

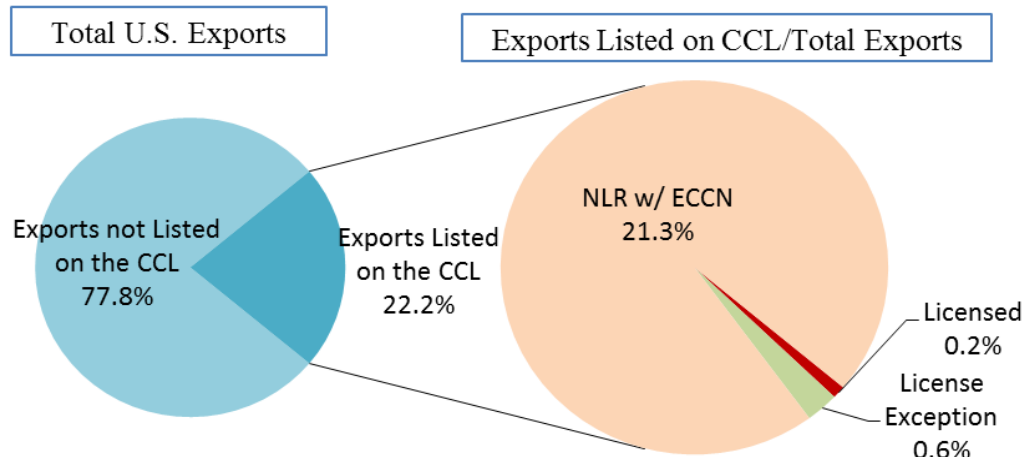
U.S. Trade with Russia 2009-2014
Smillions



Source: U.S. Census Bureau Trade Statistics and Automated Export System (AES), February 2015

In 2014, only \$25.9 million (0.2% of total exports to Russia) was exported under the license authorization of the Bureau of Industry and Security (BIS).

2014 U.S. Exports to Russia Listed on the CCL

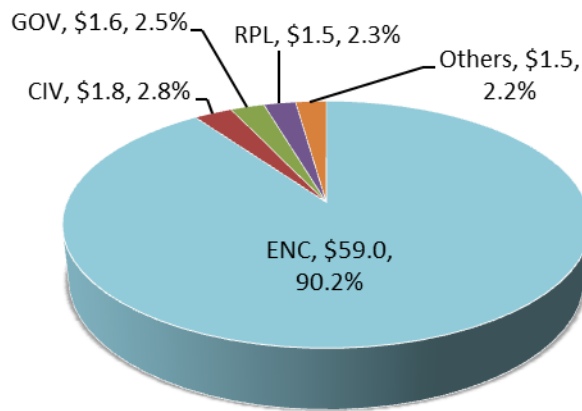


Source: U.S. Census Bureau Trade Statistics and Automated Export System (AES), February 2015

Note: For the purpose of this report, exports not listed on the CCL include EAR99 items and items under No License Required (NLR) designation, and exports regulated by other government agencies.

In 2014, \$65.4 million of U.S. exports to Russia were shipped under a BIS license exception. Of which, 90.2% included encryption commodities, software and technology (ENC), followed by civil end users (CIV) at 2.8%.

**2014 Exports to Russia by BIS License Exceptions
(\$millions)**



Source: Automated Export System, February 2015

2014 U.S. Exports to Russia by ECCN and BIS License Designation

Top Four Exports by ECCN to Russia by Value – Licensed

ECCN	Description
0A987	Optical sighting devices for firearms
1C350	Chemicals that may be used as precursors for toxic chemical agents
5A002	Information Security Systems Equipment
2B352	Equipment capable of Use in Handling Biological Materials

Top Four Exports by ECCN to Russia by Value – License Exception

ECCN	Description
5A002	Information Security Systems Equipment
3A001	Electronic Components and Specially Designed Components
5D002	Information Security Software
9A990	Diesel engines, n.e.s., and tractors and “specially designed” “parts” and “components” therefor, n.e.s.

Top Four Exports by ECCN to Russia by Value – NLR

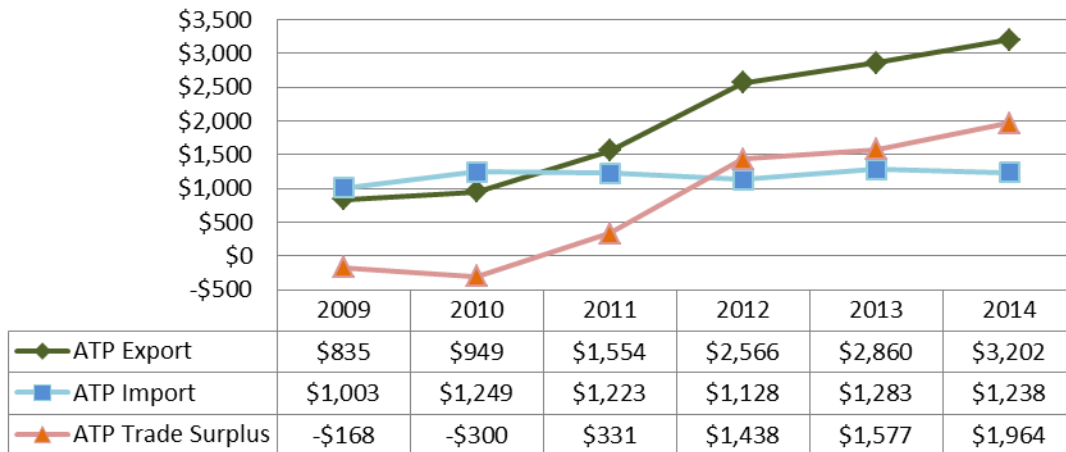
ECCN	Description
9A991	Aircraft and gas turbine engines
5A992	Low-Level Information Security Systems and Equipment
2B999	Specific Processing Equipment
5A991	Telecommunication Equipment

Source: Automated Export System, February 2015

Exports of Advanced Technology Products (ATP) to Russia

In 2014, the U.S. ATP exports to Russia valued \$3.2 billion, a 12.0% (\$342.0 million) increase from 2013; the U.S. imports from Russia were \$1.2 billion, a 3.5% (\$45.0 million) decrease; and the trade surplus was \$2.0 billion, a 24.5% (\$387.0 million) increase.

U.S. ATP Trade with Russia 2009 - 2014
Smillions



U.S. Census Bureau Trade Statistics, February 2015

Advanced Technology Products (ATP) - Approximately 500 of some 22,000 Harmonized System commodity classification codes contain products from ten recognized high technology categories (e.g., biotechnology, aerospace).

\$3,202.0 (29.7%) of total exports to Russia were considered ATP items. Of these, \$8.8 million (0.3%) were shipped under a BIS license.

U.S. ATP Exports to Russia (\$millions)									
ATP Category	2008	2009	2010	2011	2012	2013	2014	% of the Total	% change from 2013
Biotechnology	15	17	46	56	72	71	70	2.2%	-1.4%
Life Science	228	131	191	255	329	299	276	8.6%	-7.7%
Opto-Electronics	7	7	24	19	18	28	29	0.9%	3.6%
Information & Communications	226	150	187	241	474	269	242	7.6%	-10.0%
Electronics	49	38	47	63	70	67	73	2.3%	9.0%
Flexible Manufacturing	62	51	102	94	66	95	109	3.4%	14.7%
Advanced Materials	27	10	23	35	34	25	35	1.1%	40.0%
Aerospace	298	415	274	736	1,483	1,951	2,360	73.7%	21.0%
Weapons	1	1	1	2	3	2	3	0.1%	50.0%
Nuclear Technology	24	15	55	52	16	54	5	0.2%	-90.7%
Grand Total	1,007	936	950	949	1,554	2,860	3,202	100.0%	12.0%

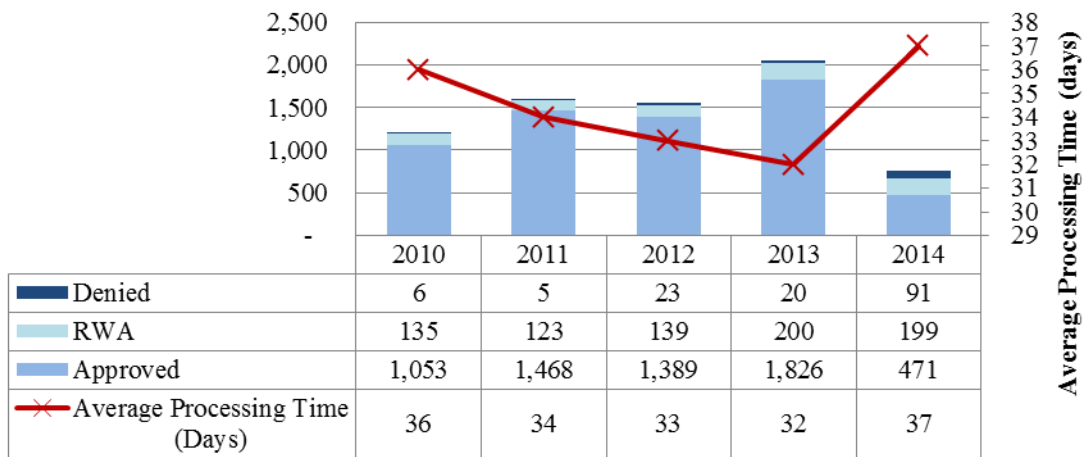
Source: The U.S. Census Bureau Trade Statistics, February 2015

BIS Licensing of Items Destined to Russia

Exports to Russia are controlled under the Export Administration Regulations (EAR) for CB:1, CB:2, CB:3, NS:1, NS:2, MT:1, RS:1, RS:2, CC:1, and CC:2 reasons.

In 2014, BIS reviewed 761 export/re-export applications for Russia. Of these 471 (61.9% of total applications) were approved; and 91 (19.3%) were denied.

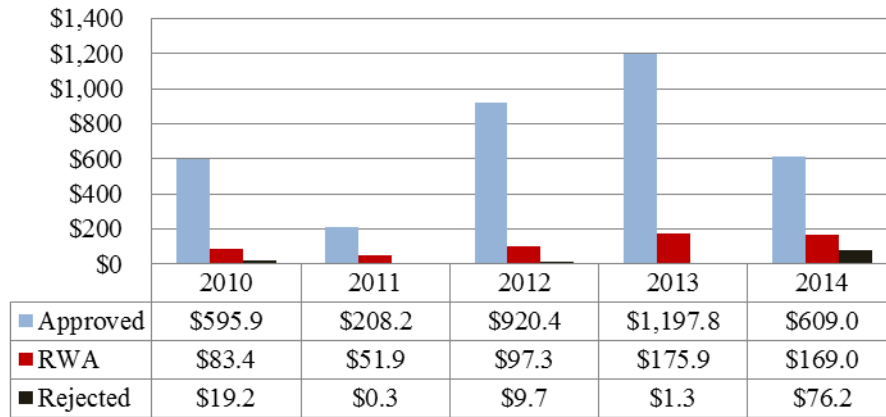
Licenses for Tangible Items, Software and Technology for Russia by Count 2010-2014



Source: Commerce U.S. Exports Exporter Support System, retrieved February 2015

Note: Figure above do not include deemed export applications.

**Licenses for Tangible Items, Software and Technology for Russia
by Value 2010-2014
Smillions**



Source: Commerce U.S. Exports Exporter Support System, retrieved February 2015

Summary of U.S. Exports to Russia Calendar Year 2014			
	Value (\$million)	ATP to Total Exports	
Total Exports	\$10,767.7		
Total ATP Exports	\$3,202.0	29.7%	
Detailed Summary of EAR-Controlled Exports			
AES License Type	Value (\$million)	Percentage of Total	Percentage Description
Licenses	\$25.9		
Special Comprehensive License (SCL)	\$0.00001		
Total of Licensed	\$25.9	0.2%	Total Licensed/Total Exports
Civil End Users (CIV)	\$1.8	2.8%	
Temporary Imports, Exports, and Re-Exports (TMP)	\$1.4	2.2%	
Servicing and Replacement of Parts and Equipment (RPL)	\$1.5	2.3%	
Government and International Organizations (GOV)	\$1.6	2.5%	
Gift Parcels and Humanitarian Organizations (GFT)	\$0.0	0.0003%	
Technology and Software Restricted (TSU)	\$0.0	0.03%	
Encryption Commodities and Software (ENC)	\$59.0	90.2%	
Total of License Exceptions	\$65.4	0.6%	Total License Exceptions/ Total Exports
		71.6%	Total License Exceptions/Total Subject to License Requirement
Total subject to license requirement (Licensed and License Exceptions)	\$91.3	0.8%	Total Subject to License Requirement/Total Exports
NLR containing an ECCN	\$2,295.0		
Total of NLR with an ECCN	\$2,295.0	21.3%	NLR with an ECCN/Total Exports
Total Listed on the CCL (Licensed, License Exceptions and NLR with an ECCN)	\$2,386.2	22.2%	Total Listed on the CCL/Total Exports
		1.1%	Total Licensed/Total Listed on the CCL
Licensed	\$8.8	0.3%	ATP Licensed/Total ATP Exports
License Exceptions	\$59.4	1.9%	ATP License Exceptions/Total ATP Exports
ATP Exports subject to license requirement	\$68.2	87.1%	ATP License Exceptions/ATP Exports Subject to License Requirement
Source: U.S. Census Bureau, Foreign Trade Division and Automated Export System Data			