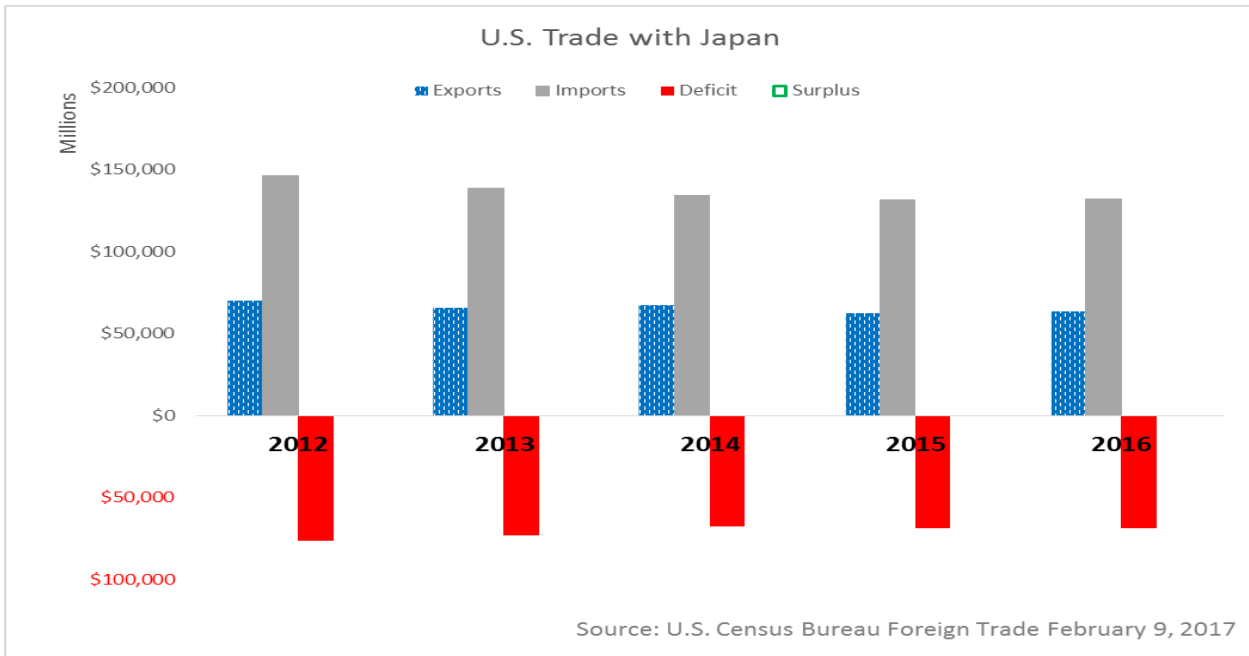




I. Total U.S. Trade with Japan

The U.S. trade deficit with Japan was \$68.9 billion, a 0.02% (\$16.1 million) increase from 2015:

- Exports to Japan were \$63.3 billion, a 1.3% (\$821.6 million) increase from 2015;
- Imports from Japan were \$132.2 billion, a 0.6% (\$837.7 million) decrease from 2015.



	2012	2013	2014	2015	2016	Five-year Average
EXPORTS	\$69,975.8	\$65,237.4	\$66,876.2	\$62,442.6	\$63,264.3	
Δvalue	\$4,176.1	-\$4,738.4	\$1,638.8	-\$4,433.6	\$821.6	\$66,133.0
Δpct	6.3%	-6.8%	2.5%	-6.6%	1.3%	
IMPORTS	\$146,431.7	\$138,575.3	\$134,504.8	\$131,364.1	\$132,201.8	
Δvalue	\$17,503.8	-\$7,856.4	-\$4,070.5	-\$3,140.7	\$837.7	\$137,719.0
Δpct	7.5%	-5.4%	-2.9%	-2.3%	0.6%	
BALANCE	(\$76,455.9)	(\$73,337.9)	(\$67,628.6)	(\$68,921.5)	(\$68,937.6)	
Δvalue	\$5,471.4	\$3,118.0	\$5,709.4	(\$1,292.9)	(\$16.1)	(\$71,586.0)
Δpct	8.7%	-4.1%	-7.8%	1.9%	0.02%	

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



Statistical Analysis of U.S. Trade with Japan

Of the \$132.2 billion imports from Japan in 2016, the top commodities were:

- Transportation (41.0%), Machinery (34.2%), Chemicals, plastics, leather products (9.1%)

Of the \$63.3 billion exports to Japan in 2016, the top commodities were:

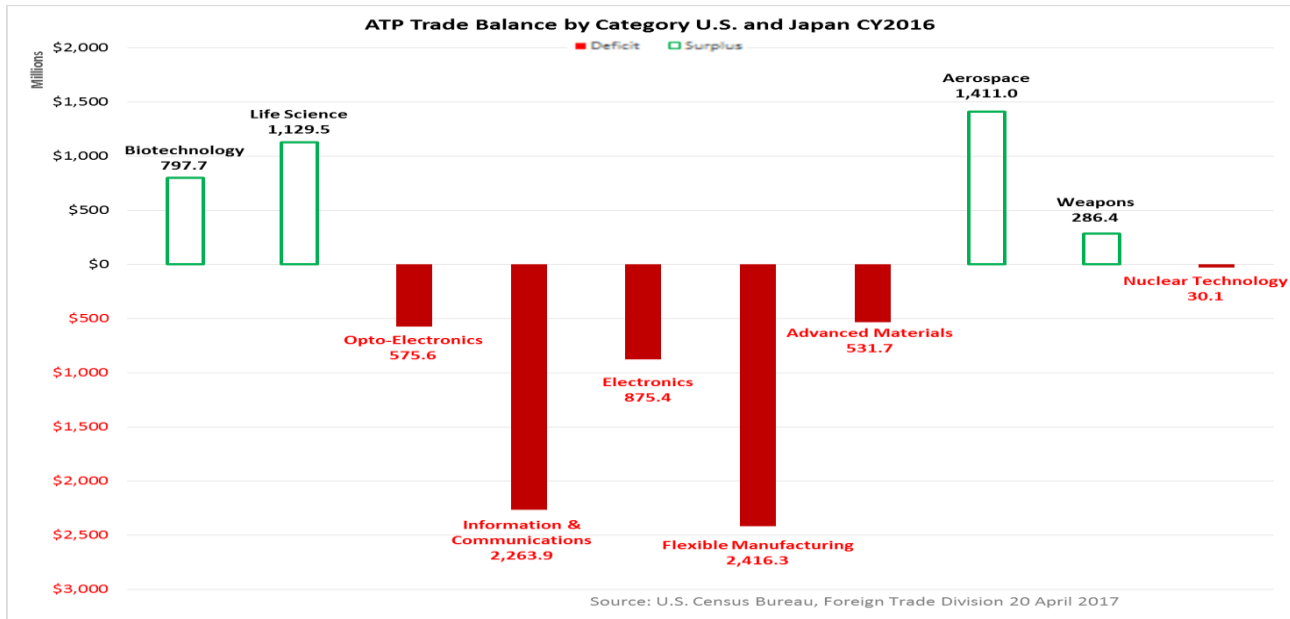
- Chemicals, plastics, leather products (19.1%), Agriculture (18.9%), Machinery (17.8%)

Imports from Japan by Sector	U.S. Commodity Trade with Japan for 2016	US exports to Japan by Sector
\$132,201,828,130	Total Value All Commodities	\$63,264,256,672
0.7%	Agriculture (Chapters 01-24)	19.0%
0.4%	Minerals (Chapters 25-27)	4.6%
9.1%	Chemicals, Plastics, Leather (Chapters 28-43)	19.1%
0.3%	Wood Products (Chapters 44-49)	3.0%
0.5%	Textiles and Footwear (Chapters 50-67)	3.0%
1.1%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	3.2%
3.6%	Base Metals (Chapters 72-83)	2.7%
34.2%	Machinery (Chapter 84-85)	17.9%
41.0%	Transportation (Chapters 86-89)	14.8%
5.7%	Optical, Measuring, Medical or Other instruments (Chapters 90-92)	11.2%
0.1%	Arms and Ammunition (Chapter 93)	0.6%
0.7%	Miscellaneous Manufactured Items (Chapter 94-96)	0.9%
0.2%	Art & Antiques (Chapter 97)	0.4%
2.5%	Special Items (Chapters 98-99** imports only 98)	1.8%

Source: US Census Bureau, February 9, 2017

The U.S. Advanced Technology Products (ATP)¹ trade deficit was \$ 3.2 Billion:

- ATP Exports to Japan valued \$18.0 billion, a 6.7% (\$1.1 billion) increase from 2015;
- ATP imports from Japan were \$21.2 billion, a 3.5% (\$0.8 billion) decrease from 2015.



¹ Advanced Technology Products : about 500 of some 22,000 commodity classification codes used in reporting U.S. merchandise trade are identified as "advanced technology" codes as determined by the Foreign Trade Division at the U.S. Census Bureau.



Exports to Japan subject to US Government Filing Requirements

II. Exports to Japan subject to US Government Filing Requirements

- 4.2% of the U.S. exports to Japan in 2016 were subject to a BIS license requirement:
 - 1.5% were exported under a BIS license; Worldwide, 0.5% were exported under a BIS license.
 - 2.7% were exported to Japan under a BIS license exception; Worldwide, 1.6% were exported under a BIS exception.
- 21.6% of U.S. exports to Japan in 2016 were subject to No License Requirement. Worldwide, 12.2% were exported under No License Required with an ECCN.

2016 Exports to Japan Subject to U.S. Government Filing Requirements

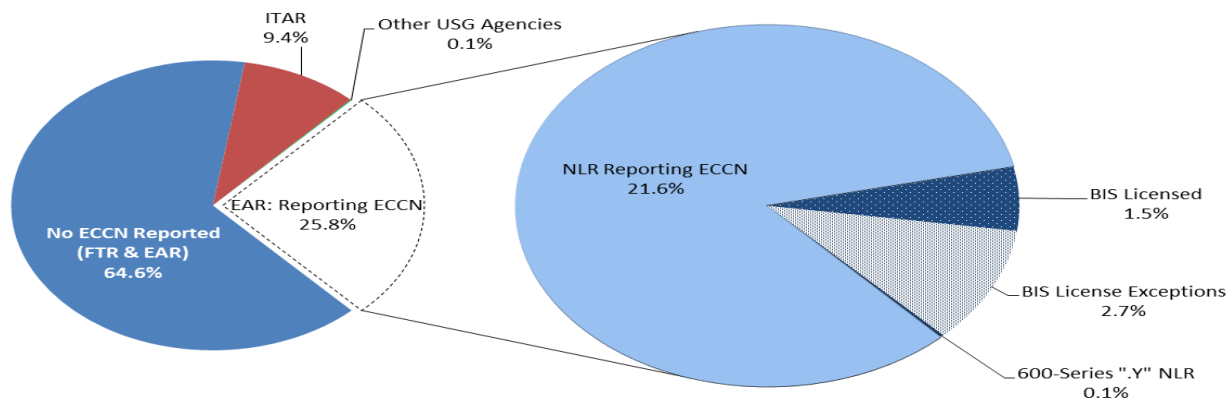
	2014	2015	2016
Department of State	\$6,649.2	\$6,679.7	\$5,978.0
Other USG Agencies	\$350.0	\$169.2	\$57.6
Department of Commerce	\$59,877.0	\$55,593.8	\$57,228.7
BIS Licensed	\$258.4	\$479.8	\$923.2
BIS License Exceptions	\$1,138.9	\$1,136.7	\$1,713.5
NLR reporting an ECCN	\$18,812.8	\$20,816.2	\$13,666.7
NLR not reporting an ECCN	\$39,628.0	\$33,122.4	\$40,890.6
600-Series ".Y" Paragraph NLR	\$38.9	\$38.6	\$34.7

Values in Millions of U.S. Dollars.

Source: Automated Export System April 20 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
Japan	X					X		X	X							

Primary Jurisdiction of Total U.S. Exports to Japan 2016



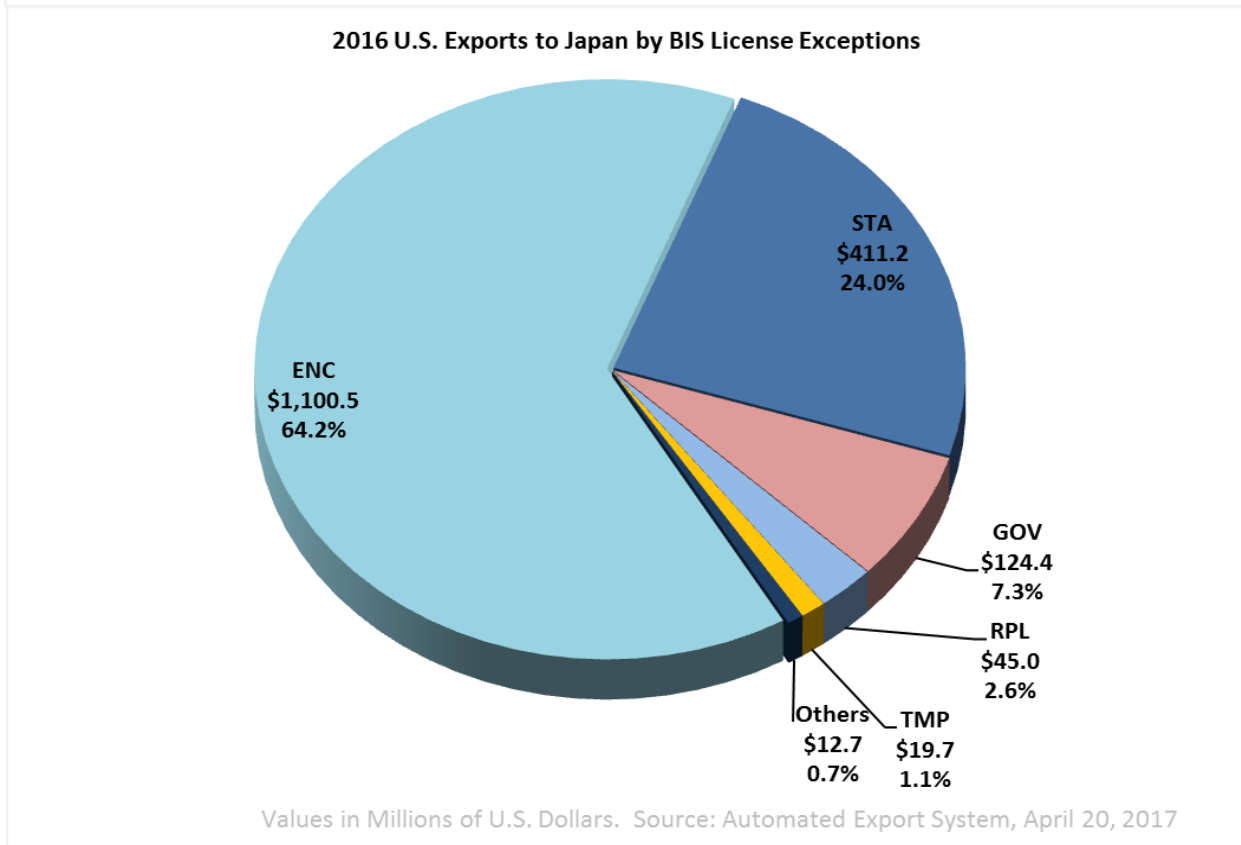
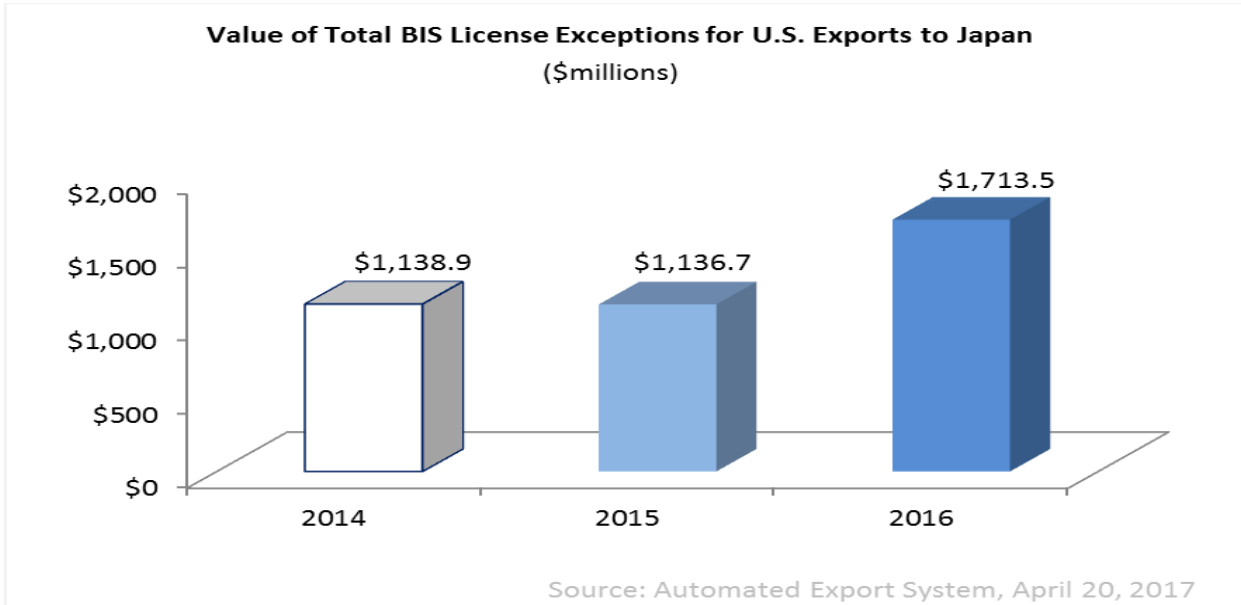
Source: Automated Export System April 20 2017



Exports to Japan subject to US Government Filing Requirements

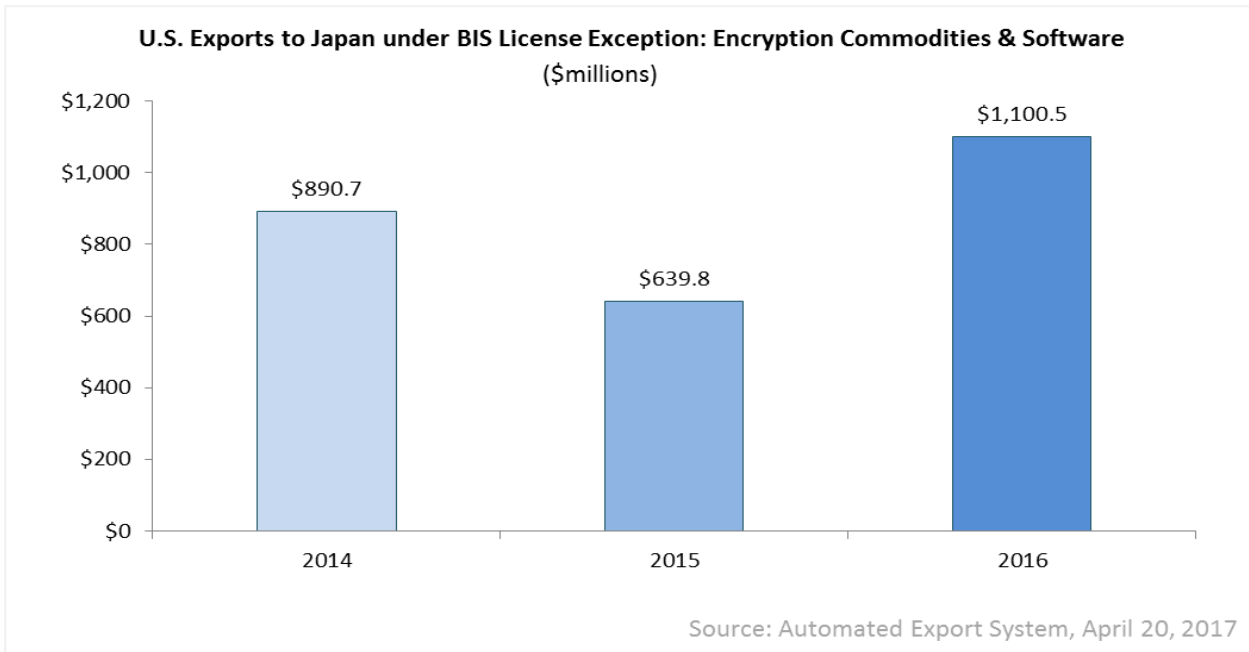
The value of U.S. exports shipped to Japan under a BIS license exception in 2016 was \$1,713.5 million, a 50.7% (\$576.7 million) increase from 2015:

- 64.2% included Encryption Commodities and Software (ENC);
- 24.0% included Strategic Trade Authorization (STA);
- 7.3% included Government and International Organizations (GOV)

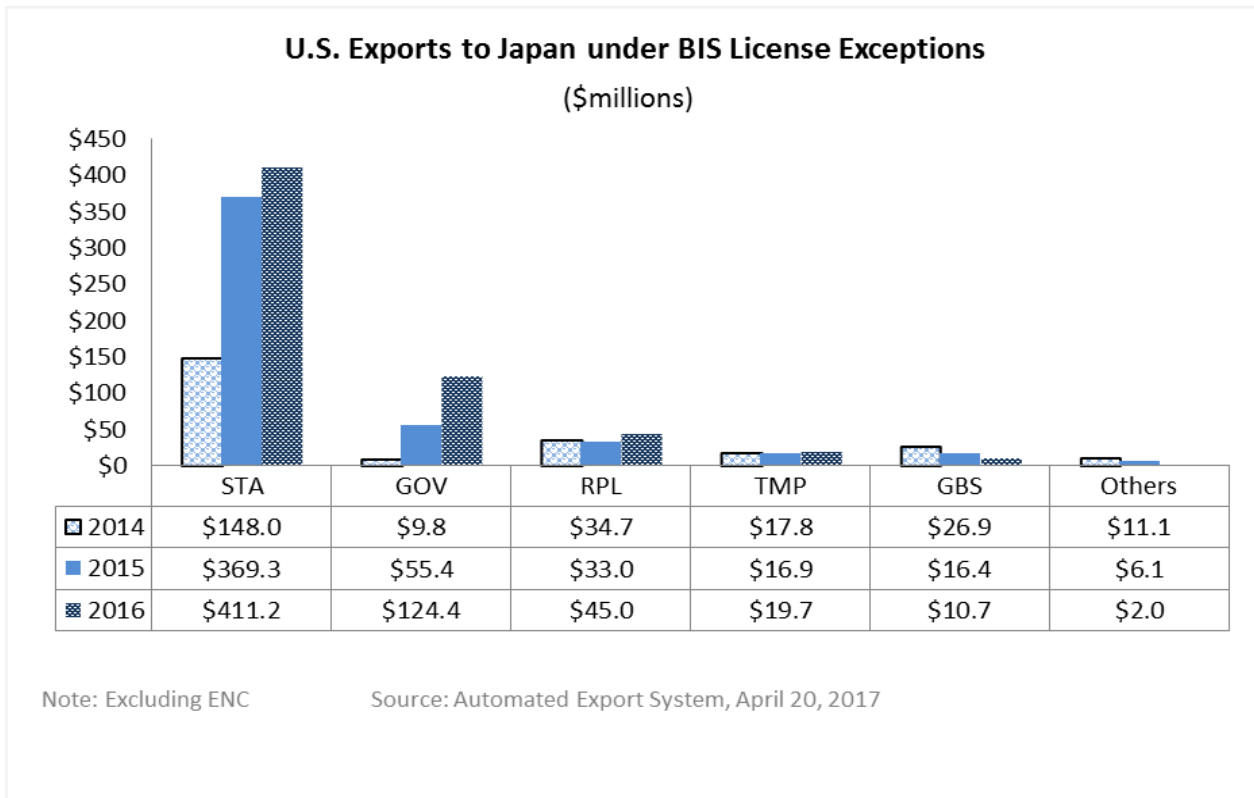




Exports to Japan subject to US Government Filing Requirements



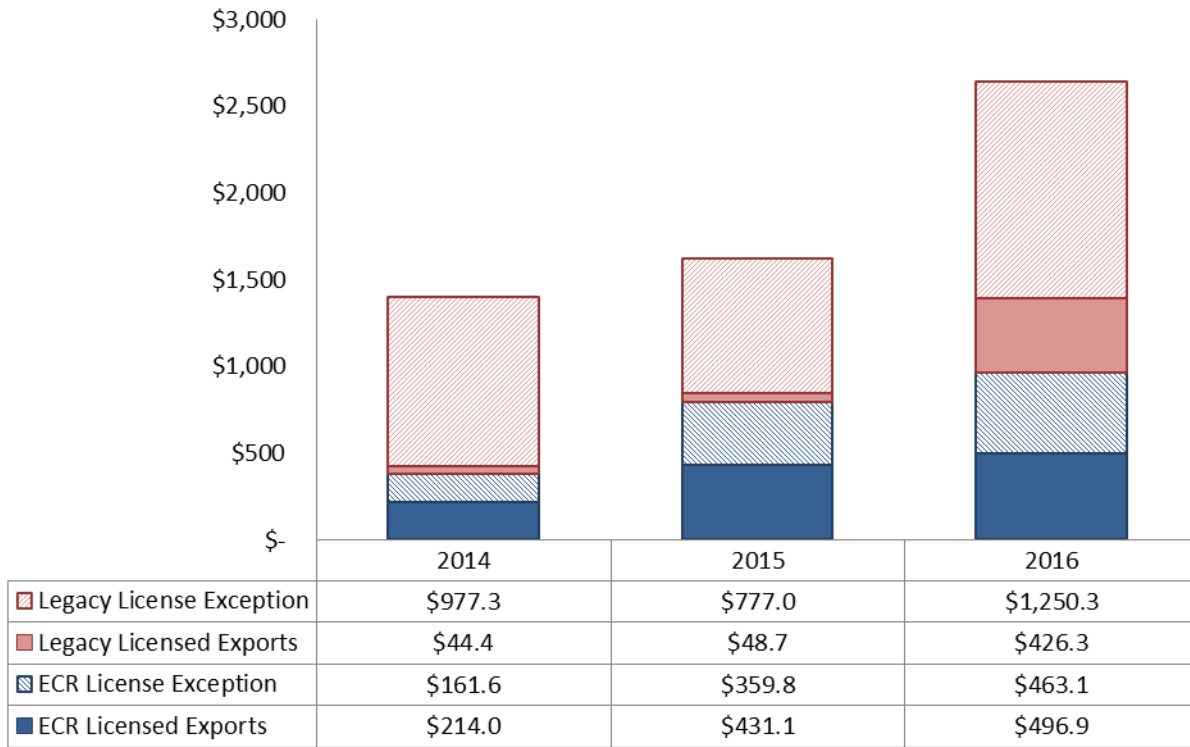
U.S. Exports under Strategic Trade Authorization





Exports to Japan subject to US Government Filing Requirements

U.S. Exports of Legacy and Export Control Reform Commodities Subject to a License Requirement to Japan
(\$millions)



Source: Automated Export System, April 20, 2017



Exports to Japan subject to US Government Filing Requirements

Top Ten ECCNs by Value to Japan (\$millions)	
LICENSED	#1 9A515 Spacecraft and Related Commodities
	#2 9A610 Military Aircraft and Related Commodities
	#3 9A619 Military Gas Turbine Engines and Related Commodities
	#4 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#5 9A001 Aero Gas Turbine Engines
	#6 3A611 Military Electronics
	#7 6A001 Acoustics
	#8 0A614 Shotguns, Buckshot, Shotgun Shells
	#9 9B610 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#10 1B001 Equip. for Production of Fibers, Preforms Or Co

Top Ten ECCNs by Value to Japan (\$millions)	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 3A611 Military Electronics
	#3 9A610 Military Aircraft and Related Commodities
	#4 9A619 Military Gas Turbine Engines and Related Commodities
	#5 9A004 Spacecraft
	#6 9B619 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#7 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#8 9A515 Spacecraft and Related Commodities
	#9 5B002 Test/Inspection/Production Equip for Information S
	#10 5D002 Software for Information Security

Top Ten ECCNs by Value to Japan (\$millions)	
NLR with ECCN	#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#2 3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3 3B001 Epitaxial Equip. for Semiconductors
	#4 5A991 Transmission Items Not W/I Parameters In 5A001
	#5 5A992 Information Security Equip.
	#6 3B992 Equip. for the Inspection/Testing of Components
	#7 4A994 Items Not Controlled By 4A001/4A002/4A003
	#8 7A994 Other "Software" as Follows (See List of Items Controlled).
	#9 3A991 Electronic Devices and Components
	#10 2B230 Pressure Transducers



Exports to Japan subject to US Government Filing Requirements

Top Ten ECCNs to Japan by Shipment Count	
LICENSED	#1 9A610 Military Aircraft and Related Commodities
	#2 9A619 Military Gas Turbine Engines and Related Commodities
	#3 3A611 Military Electronics
	#4 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#5 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#6 EAR99 Items subject to the EAR that are not elsewhere controlled
	#7 9A515 Spacecraft and Related Commodities
	#8 1C351 Human and Animal Pathogens and toxins
	#9 3A001 Electronic Devices/Components
	#10 9E515 Technology Required for the Development, Production, Operation, Instal...

Top Ten ECCNs to Japan by Shipment Count	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 9A610 Military Aircraft and Related Commodities
	#3 5D002 Software for Information Security
	#4 0A606 Ground Vehicles and Related Commodities
	#5 9A619 Military Gas Turbine Engines and Related Commodities
	#6 3A611 Military Electronics
	#7 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#8 3A001 Electronic Devices/Components
	#9 BLANK No ECCN reported
	#10 EAR99 Items subject to the EAR that are not elsewhere controlled

Top Ten ECCNs to Japan by Shipment Count	
NLR with ECCN	#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#2 3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3 5A991 Transmission Items Not W/I Parameters In 5A001
	#4 5A992 Information Security Equip.
	#5 4A994 Items Not Controlled By 4A001/4A002/4A003
	#6 7A994 Other "Software" as Follows (See List of Items Controlled).
	#7 2B999 Specific Processing Equip., N.E.S.
	#8 3A992 General Purpose Electronic Equip.
	#9 3B001 Epitaxial Equip. for Semiconductors
	#10 3A991 Electronic Devices and Components

Source: Commerce U.S. Exports Exporter Support System, April 20, 2017

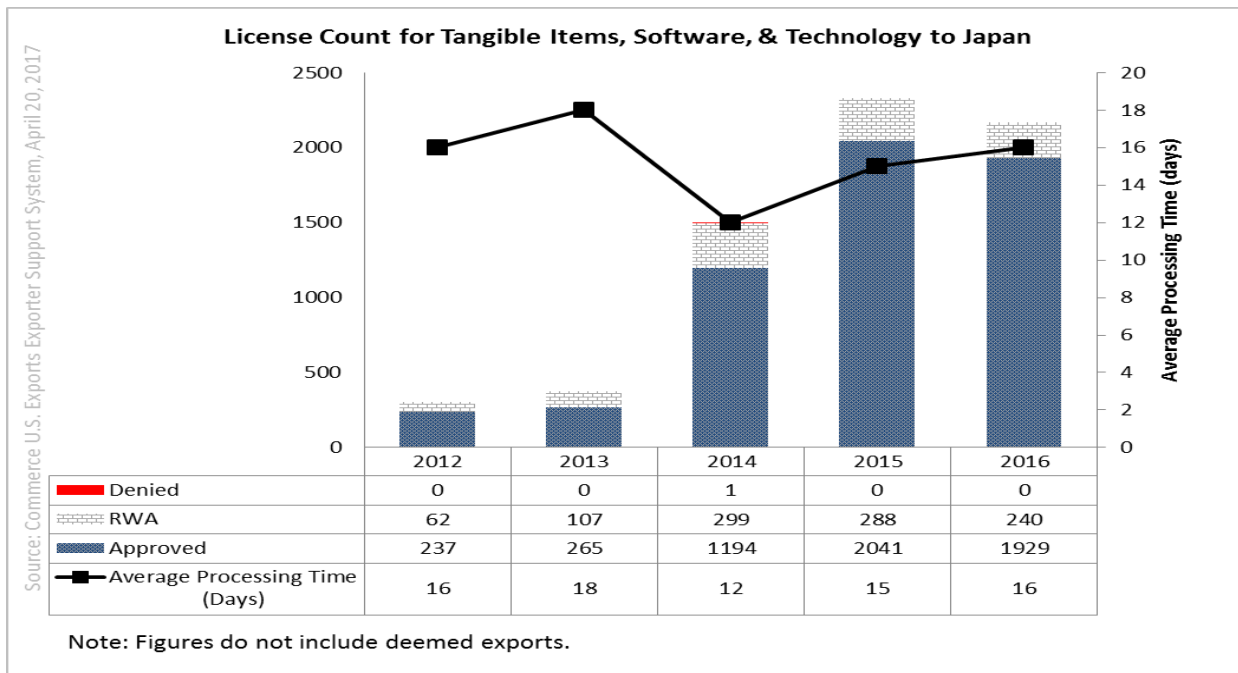
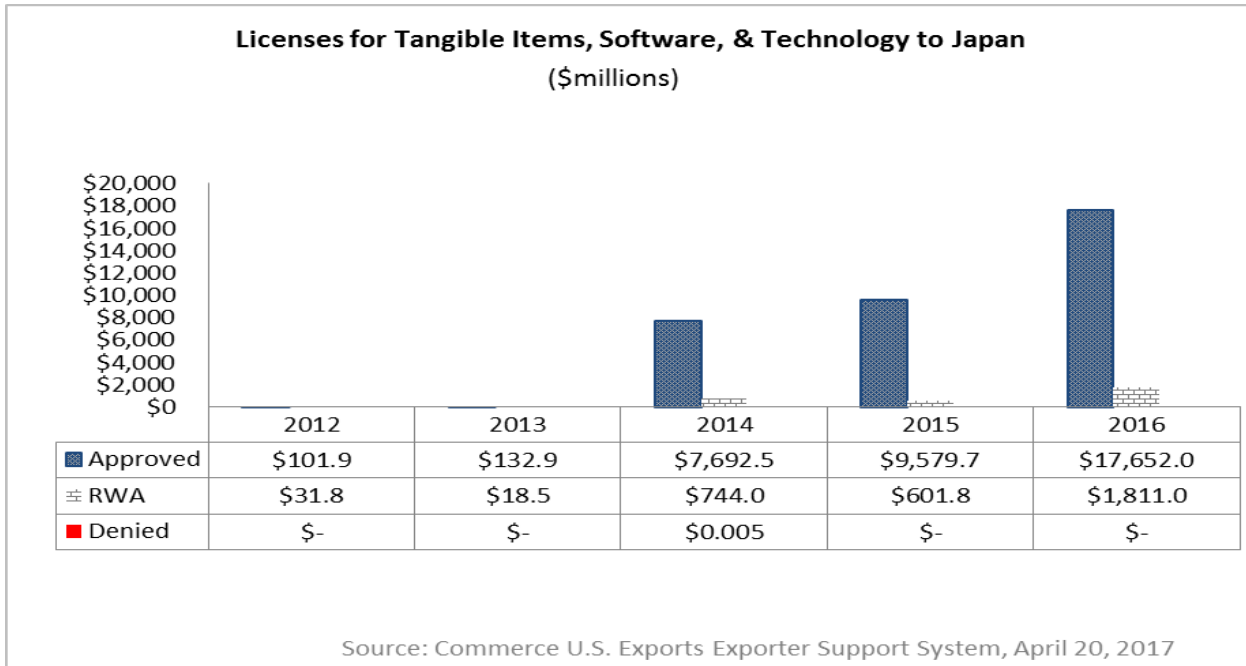


BIS Licensing to Japan

III. Licensing to the Japan subject to US Government Filing Requirements

In 2016, BIS reviewed 2,169 export/re-export applications (not including deemed export applications) valued at \$19.5 billion for Japan, out of a total 33,195 applications worldwide valued at \$235.4 billion.

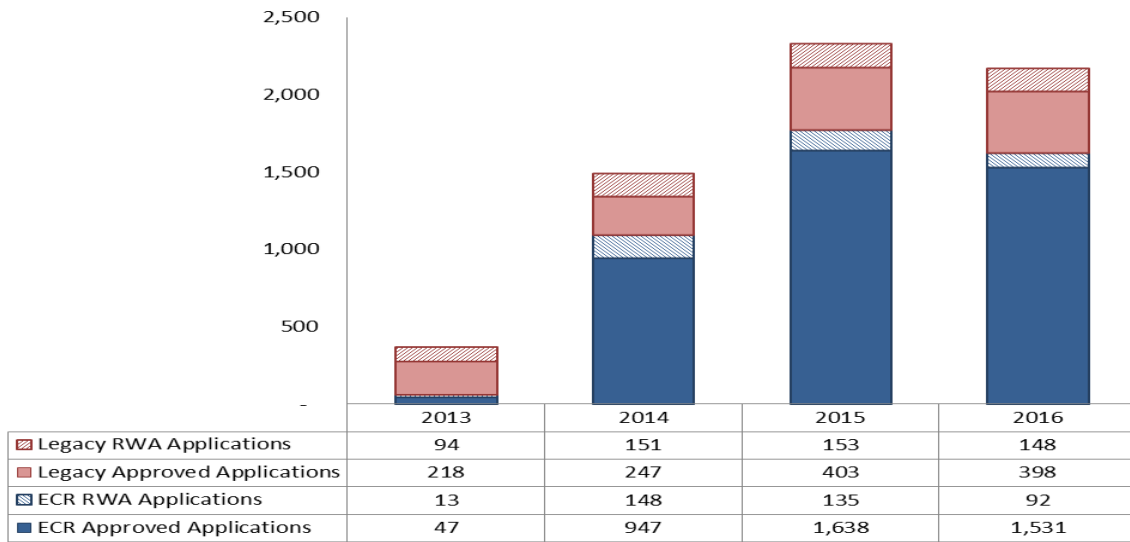
- Approved applications for Japan totaled 1,929 (88.9%), compared with the 28,214 (85.0%) approved applications for all destinations that totaled \$210.3 billion.





BIS Licensing to Japan

Numerical Comparison of 600-series and Legacy ECCN Applications for Japan



Source: Commerce U.S. Exports Exporter Support System, April 20, 2017