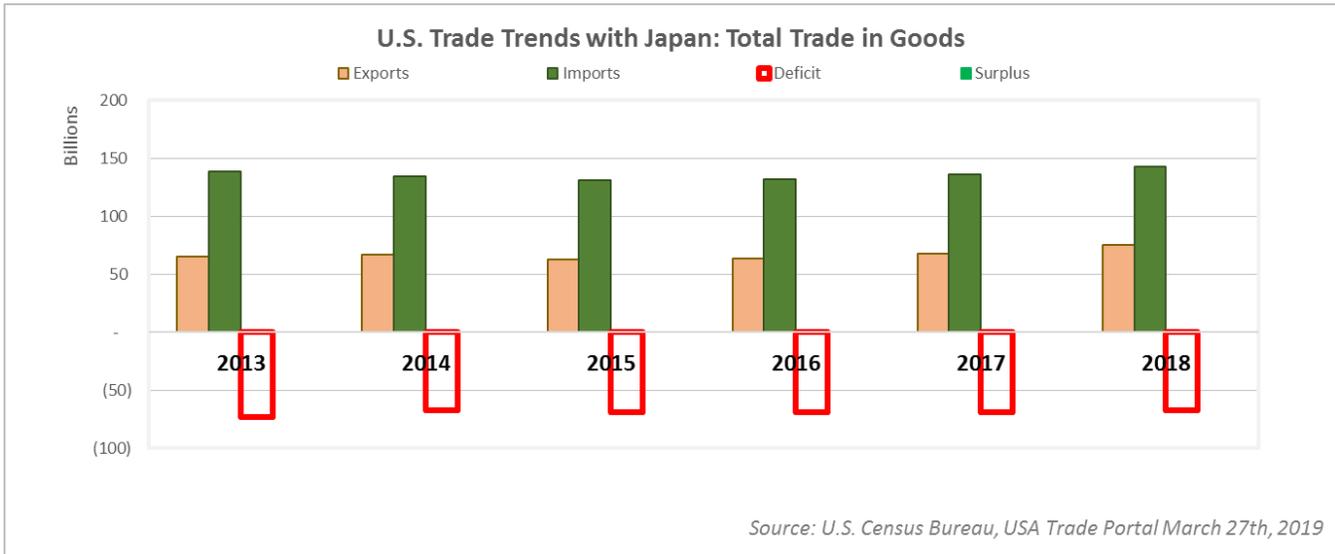




I. Total U.S. Trade in goods with Japan

In 2018, U.S. exports to Japan totaled \$74.9 billion, a 10.9% (\$7.3 billion) increase from 2017; U.S. imports from Japan totaled \$142.5 billion, a 4.5% (\$6.1 billion) increase; and the trade deficit was \$67.7 billion, a 1.8% (\$1.2 billion) decrease.



In 2018, the level of U.S. exports to, and U.S. imports from Japan exceeded the prior five-year average level by value not adjusted for inflation. In 2018, the U.S. trade balance with Japan is negative.

Calendar Year	2013	2014	2015	2016	2017	2018	2013 - 2017 Average
EXPORTS	\$65.2 B	\$66.8 B	\$62.3 B	\$63.2 B	\$67.6 B	\$74.9 B	\$65 B
Δvalue	--	\$1.6 B	\$-4.6 B	\$838.2 M	\$4.3 B	\$7.3 B	
Δpct	--	2.5%	-6.7%	1.3%	6.9%	10.9%	
IMPORTS	\$138.5 B	\$134.5 B	\$131.4 B	\$132 B	\$136.4 B	\$142.5 B	\$134.6 B
Δvalue	--	\$-4.1 B	\$-3.1 B	\$584.8 M	\$4.4 B	\$6.1 B	
Δpct	--	-2.9%	-2.3%	0.4%	3.4%	4.5%	
BALANCE	\$-73.4 B	\$-67.7 B	\$-69.1 B	\$-68.9 B	\$-68.9 B	\$-67.7 B	\$-69.6 B
Δvalue	--	\$5.7 B	\$-1.45 B	\$253.4 M	\$-71.5 M	\$1.2 B	
Δpct	--	-7.8%	2.1%	-0.4%	0.1%	-1.8%	



In 2018, 4.5% of total U.S. exports were exported to Japan while 5.6% of total U.S. Imports were imported from Japan.

In 2018, of the \$75.0 billion in U.S. exports to Japan, the top commodity sectors were Agriculture (18.3%), Machinery, Mechanical Appliances and Electrical Equipment (17.4%), and Chemicals, Plastics, and Leather (17.4%).

In 2018, of the \$142.6 billion in U.S. imports from Japan, the top commodity sectors were Transportation Equipment (39.0%) and Machinery, Mechanical Appliances and Electrical Equipment (35.0%).

2018 U.S. Imports from Japan by Sector \$142,596,248,051	2018 U.S. Commodity Trade With Japan Total Value All Commodities	2018 U.S. Exports to Japan by Sector \$74,966,716,044
0.7%	Agriculture (Chapters 01-24)	18.3%
0.6%	Minerals (Chapters 25-27)	12.7%
9.8%	Chemicals, Plastics, Leather (Chapters 28-43)	17.4%
0.3%	Wood Products (Chapters 44-49)	2.7%
0.5%	Textiles and Footwear (Chapters 50-67)	0.8%
1.0%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	3.1%
3.8%	Base metals (Chapters 72-83)	2.6%
35.0%	Machinery (Chapters 84-85)	17.4%
39.0%	Transportation (Chapters 86-89)	11.1%
5.6%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	10.3%
0.1%	Arms & Ammunition (Chapter 93)	0.6%
0.6%	Miscellaneous Manufactured Items (Chapters 94-96)	0.8%
0.2%	Art & Antiques (Chapter 97)	0.4%
2.7%	Special Items (Chapters 98-99** Imports only 99)	1.8%

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019

In 2018, 4.5% of total U.S. exports of \$1.7 trillion to the world were exported to Japan and 5.6% of total U.S imports of \$2.5 trillion were imported from Japan.

Exports

In 2018, the U.S exported \$13.7 billion worth of Agriculture products to Japan, representing 9.5% of the total U.S. exports to the World of those commodities; and the U.S. exports of \$7.7 billion worth of Optical, Measuring, Medical or other instruments to Japan, represented 8.4% of the total U.S. exports to the World of those commodities.

Imports

In 2018, the U.S. imported \$55.7 billion worth of Transportation Equipment from Japan, representing 16.5% of the total U.S. imports of those commodities; and the U.S. imports of \$8.0 billion worth of Optical, Measuring, Medical or other instruments from Japan, represented 8.1% of the total U.S. imports of those commodities.



II. U.S. Exports to Japan subject to U.S. Government Filing Requirements

In 2018, Of the \$75.0 billion in U.S. exports to Japan:

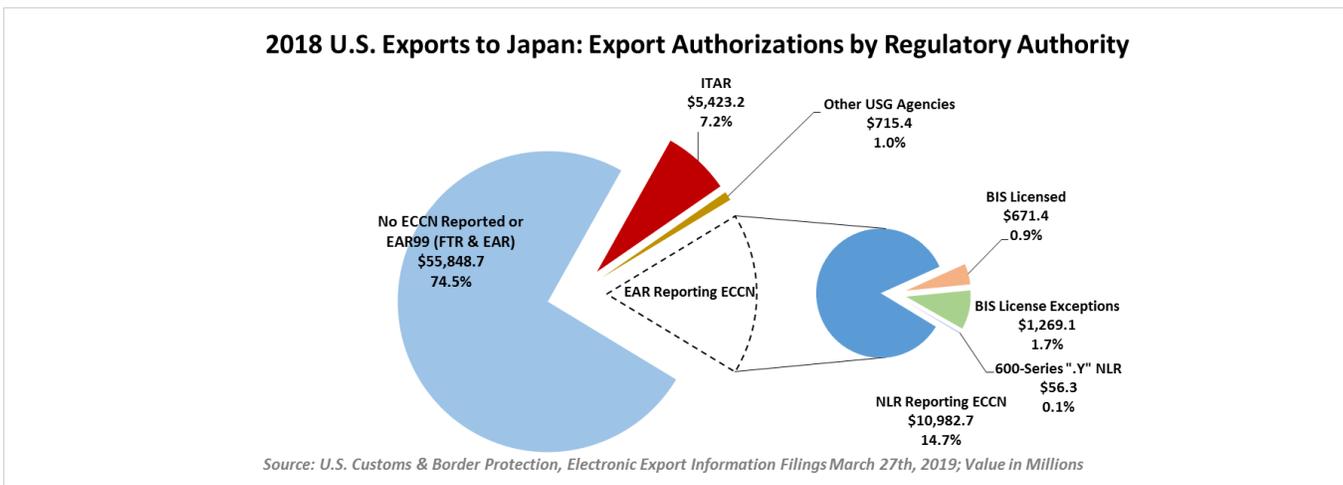
- 2.6% were subject to a BIS license requirement;
- 0.9% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
- 1.7% were exported under a BIS license exception; Worldwide, 1.2% were exported under a BIS license exception.
- 14.7% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.
- 0.08% were exported under NLR for .y 600-series items; Worldwide, 0.02% was exported under NLR for .y 600-series items.

Trends in U.S. Exports to Japan by Regulatory Authority				
	2016	2017	2018	
Department of State	\$5,761.1	\$4,830.5	\$5,423.2	
Other USG Agencies	\$61.3	\$82.4	\$715.4	
Department of Commerce	\$57,403.7	\$62,692.2	\$68,828.2	
BIS Licensed	\$920.0	\$568.1	\$671.4	
BIS License Exceptions	\$1,309.2	\$1,284.7	\$1,269.1	
NLR reporting an ECCN	\$9,880.9	\$9,970.7	\$10,982.7	
NLR reporting EAR99	\$22,445.7	\$25,526.6	\$29,965.7	
NLR not reporting an ECCN	\$22,812.0	\$25,309.2	\$25,882.9	
600-Series ".Y" Paragraph NLR	\$35.8	\$32.9	\$56.3	

Value in Millions; Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

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							

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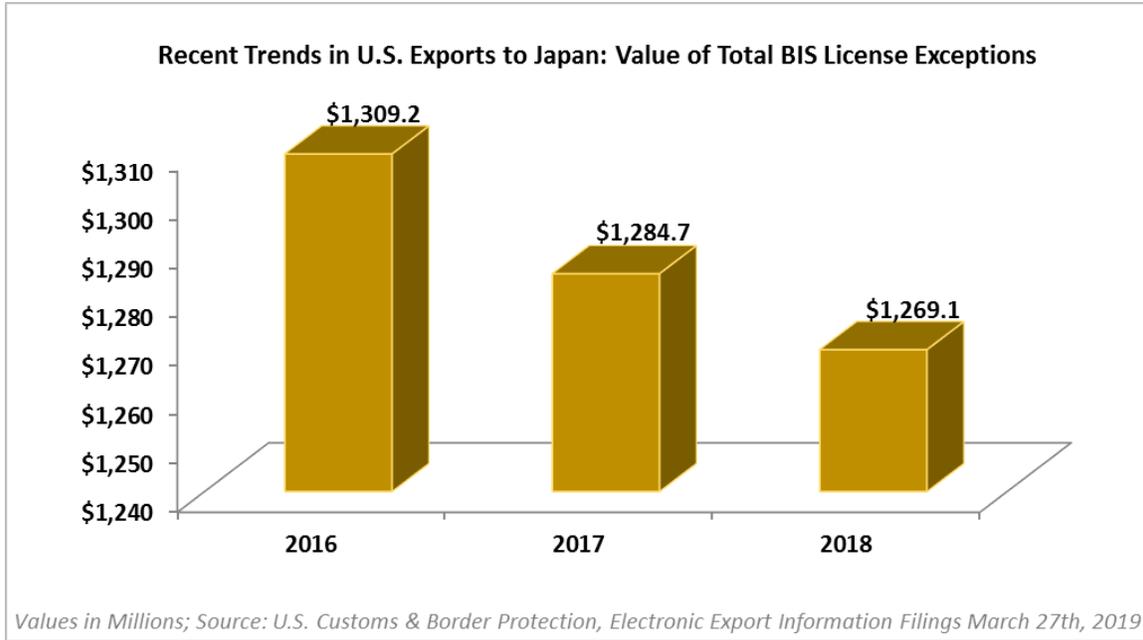


Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019; Value in Millions

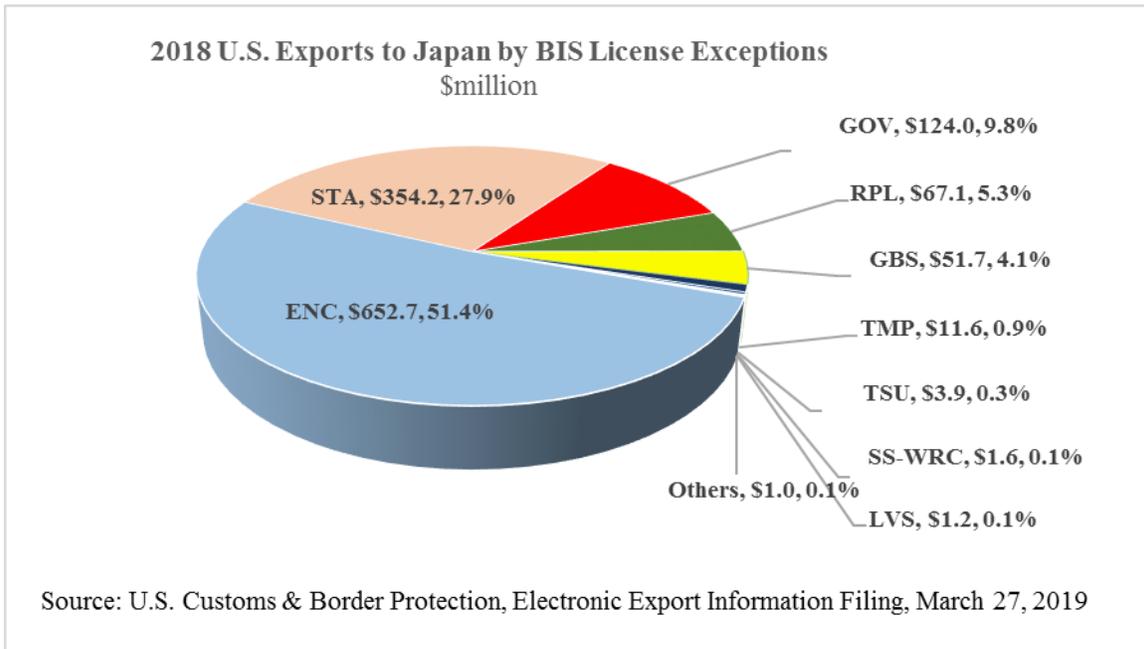


U.S. Exports to Japan

In 2018, U.S. exports to Japan shipped under a BIS license exception totaled \$1,269.1 billion, a 1.2% (\$15.6 million) decrease from 2017.

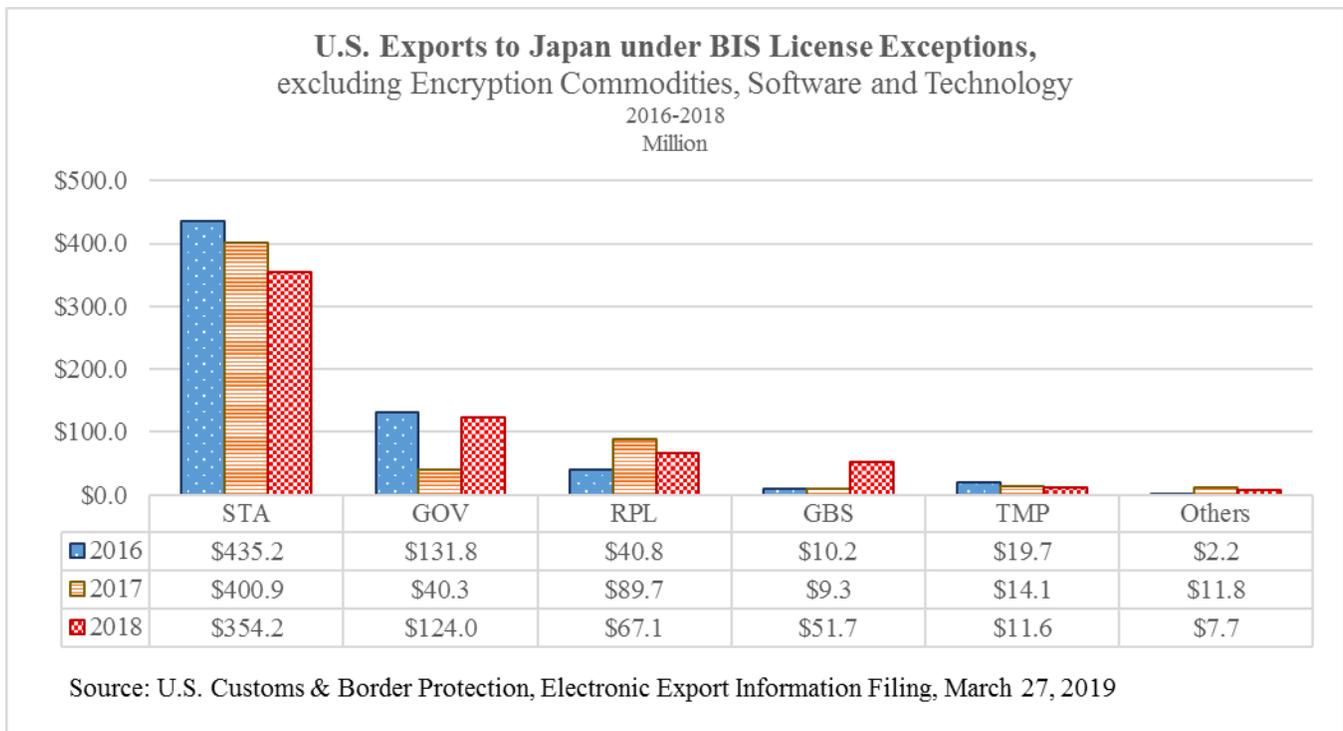
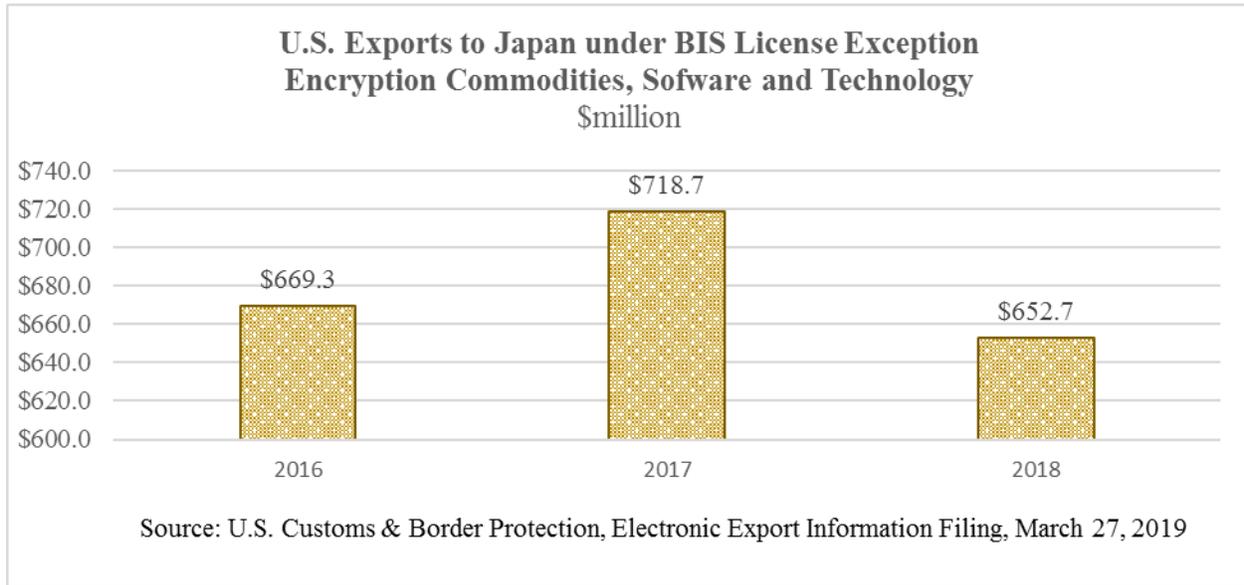


The top license exception Encryption commodities, Software and Technology (ENC) totaled \$251.0 million (92.7% of all license exceptions





U.S. Exports to Japan





Top Ten ECCNs by Value to Japan		
LICENSED	#1	9A610 Military Aircraft and Related Commodities
	#2	9A515 Spacecraft and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	3A611 Military Electronics
	#5	9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#6	7A611 Navigation and Avionics equipment and systems, and "parts,"
	#7	9A001 Aero Gas Turbine Engines
	#8	7B611 Test, etc. commodities "specially designed" for mil. fire control, laser, imaging ...
	#9	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#10	3B611 Test, Inspection, and Production Commodities for Military Electroncs

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Value to Japan		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A610 Military Aircraft and Related Commodities
	#3	3A611 Military Electronics
	#4	9A619 Military Gas Turbine Engines and Related Commodities
	#5	9A004 Space Launch Vehicles and Spacecraft
	#6	3A001 Electronic Components
	#7	8A609 Surface Vessels of War and Related Commodities
	#8	"Information Security" Test, Inspection and "Production" Equipment
	#9	EAR99 Items subject to the EAR that are not elsewhere controlled
	#10	6A003 Cameras

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Value to Japan		
NLR with ECCN	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#2	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3	5A991 Telecommunication Equip. Not Controlled by 5A001
	#4	5A992 Mass Market Encryption Commodities not controlled by 5A002
	#5	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#6	3A991 Electronic Devices and Components
	#7	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#8	1C992 Commercial Charges and Devices Containing Energetic Materials ...
	#9	3A999 Specific Processing Equip., N.E.S.
	#10	3A001 Electronic Components

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description



U.S. Exports to Japan by Top Ten Export Control Classification Numbers (ECCN)

Top Ten ECCNs by Count to Japan		
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	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia...
	#6	9A515 Spacecraft and Related Commodities
	#7	3A001 Electronic Components
	#8	7A611 Navigation and Avionics equipment and systems, and "parts,"
	#9	EAR99 Items subject to the EAR that are not elsewhere controlled
	#10	7A103 Instrumentation, Navigation Equip./Systems Not

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

Top Ten ECCNs by Count to Japan		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A610 Military Aircraft and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	3A611 Military Electronics
	#5	5D002 "Software" as follows (see List of Items Controlled)
	#6	EAR99 Items subject to the EAR that are not elsewhere controlled
	#7	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#8	No ECCN No ECCN is required for License Exceptions TMP*
	#9	6A003 Cameras
	#10	3A001 Electronic Components

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

*Note: No ECCN is Required for License Exception TMP per EAR 758.1(g)(2)

Top Ten ECCNs by Count to Japan		
NLR with ECCN	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#2	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3	5A991 Telecommunication Equip. Not Controlled by 5A001
	#4	5A992 Mass Market Encryption Commodities not controlled by 5A002
	#5	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#6	4A994 Computers Not Controlled By 4A001 or 4A003
	#7	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#8	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#9	3A991 Electronic Devices and Components
	#10	2B999 Specific Processing Equip., N.E.S.

Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

NOTE: ECCN Descriptions have been truncated; please review Commerce Control List for Full Description



III. BIS Licensing to Japan

In 2018, BIS reviewed 1,903 export/re-export applications (not including deemed export applications) valued at \$5.0 billion for Japan, out of a total of 33,844 applications worldwide valued at \$81.3 billion.

- Approved applications for Japan totaled 1,688 (88.7% of the total applications) for \$4.7 billion, compared to the 29,032 (85.8%) approved for all destinations that totaled \$64.3 billion.
- Approved deemed exports applications for Japan totaled 16 (94.1% of the total applications), compared to the 846 (91.5%) (85.8%) approved for all destinations.
- There have not been any applications for Japan denied since 2015.

