



Summary

In 2021, U.S. exports to Japan were \$75.0 billion, a 17.6% (\$11.2 billion) increase from 2020; U.S. imports from Japan were \$135.1 billion, a 13.1% (\$15.6 billion) increase; and the trade deficit with Japan was \$60.2 billion, a 7.9% (\$4.4 billion) increase.

In 2021, 4.3% of total U.S. exports to the World were exported to Japan and 4.8% of total U.S. imports were imported from Japan.

From 2020-21, the top commodity sectors of the U.S. exports to Japan increased in absolute terms. In 2021, U.S. exports of Arms and Ammunition increased from \$303.8 million to \$546.2 million. Exports of Arms and Ammunition to Japan accounted for 12.9% of U.S. exports of those commodities to the World, up from 7.1% in 2020. Additionally, exports of Agricultural Goods as well as Optical, Measuring, Medical, and Other Instruments slightly increased.

In 2021, the U.S. imported \$43.7 billion worth of Transportation Equipment from Japan, representing 14.2% of the global U.S. imports of those commodities. Additionally, the U.S. imported \$7.9 billion worth of Optical, Measuring, Medical, and other Instruments, representing 7.1% of the global U.S. imports of those commodities.

In 2021, U.S. exports to Japan shipped under a BIS license exception authorization totaled \$986.2 million, a significant decrease from \$1.1 billion in 2020. Usage of the license exception authorization for Encryption Commodities & Software was \$423.2 million in 2021, a notable decrease from \$562.5 million in 2020.

In 2021, BIS reviewed 1,711 export/re-export license applications (not including deemed export applications) for tangible items, software and technology valued at \$3.2 billion for Japan. License applications for Japan counted 4.3% of the World total by license count. BIS approved 1,551 (90.6% of the total applications) for \$3.1 billion, RWA totaled 159 for \$79.9 million, and there was one denied license application worth 88 thousand dollars.

In 2021, there were 15 approved applications and one RWA application from Japanese nationals for deemed exports, 1.7% of the World Total. There were no denials for deemed export applications in the last five years.

In 2021, the top approved ECCNs, including ECCNs for deemed exports, were 9A610 for Military Aircraft and Related Commodities, Other Than Those Enumerated in 9A991.a with 473 approvals; 3A611 for Military Electronics with 284 approvals; and 3E611 for Technology Required for Military Electronics with 122 approvals.

In 2021, the average processing time for Japan was 15 calendar days.



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

In 2021, U.S. exports to Japan totaled \$75.0 billion, a 17.6% (\$11.2 billion) increase from 2020; U.S. imports from Japan totaled \$135.1 billion, a 13.1% (\$15.6 billion) increase; and the trade deficit was \$60.2 billion, a 7.9% (\$4.4 billion) increase.



In 2021, the level of U.S. exports to Japan and U.S. imports from Japan exceeded the prior five-year average level by value not adjusted for inflation. The U.S. trade deficit with Japan is lower than the prior five-year average level by value not adjusted for inflation.

	2016	2017	2018	2019	2020	2021	2016-2020 Average
EXPORTS	\$63,247.0	\$67,603.4	\$75,163.8	\$74,497.0	\$63,756.4	\$74,970.2	\$68,853.5
Δvalue	--	\$4,356.3	\$7,560.4	-\$666.8	-\$10,740.6	\$11,213.8	
Δpct	--	6.9%	11.2%	-0.9%	-14.4%	17.6%	
IMPORTS	\$132,000.4	\$136,411.3	\$142,228.3	\$143,585.5	\$119,499.3	\$135,133.1	\$134,745.0
Δvalue	--	\$4,410.9	\$5,816.9	\$1,357.2	-\$24,086.3	\$15,633.8	
Δpct	--	3.3%	4.3%	1.0%	-16.8%	13.1%	
BALANCE	(\$68,753.4)	(\$68,808.0)	(\$67,064.5)	(\$69,088.5)	(\$55,742.9)	(\$60,162.9)	(\$65,891.4)
Δvalue	--	(\$54.6)	\$1,743.5	(\$2,024.0)	\$13,345.7	(\$4,420.0)	
Δpct	--	0.1%	-2.5%	3.0%	-19.3%	7.9%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USA Trade Portal February 15, 2022



In 2021, of the \$75.0 billion in U.S. exports to Japan, the top commodity sectors were Agricultural Goods, (19.5%) Chemicals, Plastics, Rubber and Leather Products (18.8%), and Oils, Minerals, Lime and Cement (16.7%).

In 2021, of the \$135.1 billion in U.S. imports from Japan, the top commodity sectors were Machinery and Mechanical Appliances (38.0%), Transportation Equipment (32.3%), and Chemicals, Plastics, Rubber, and Leather Products (13.1%),

Imports from Japan by Sector	Japan Commodity Trade 2021	US exports to Japan by Sector
\$135,133,072,901	Total Value All Commodities	\$74,970,192,296
1.0%	Agriculture (Chapters 01-24)	19.5%
0.5%	Oils, Minerals, Lime, Cement (Chapters 25-27)	16.7%
13.1%	Chemicals, Plastics, Rubber, Leather (Chapters 28-43)	18.8%
0.3%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	2.4%
0.6%	Textiles, Footwear, Headgear (Chapters 50-67)	0.6%
1.1%	Stone, Glass, Metals, Pearls (Chapters 68-71)	4.8%
3.5%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	1.8%
38.0%	Machinery & Mechanical Appliances (Chapters 84-85)	14.4%
32.3%	Transportation Equipment (Chapters 86-89)	8.1%
5.9%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	9.5%
0.1%	Arms & Ammunition (Chapter 93)	0.7%
0.8%	Miscellaneous Manufactured Items (Chapters 94-96)	0.6%
0.1%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.5%
2.8%	Special Items (Chapters 98)	1.5%

Source: U.S. Census Bureau USA Trade Portal February 15, 2022

In 2021, **4.3%** of total *U.S. exports* were shipped to Japan while **4.8%** of total *U.S. Imports* were delivered from Japan.

U.S. Exports to Japan in Arms and Ammunition

In 2021, the U.S. exported \$546.2 million in Arms and Ammunition to Japan, a 79.8% increase from the \$303.8 million exported in 2020. Arms and Ammunition exports to Japan made up 12.9% of all U.S. exports of those commodities worldwide.

U.S. Exports of Agricultural Goods to Japan

In 2021, the U.S. exported \$14.6 billion in Agricultural Goods to Japan, an increase of 21.0% (\$2.5 billion) from 2020. U.S. Agricultural Goods exports to Japan now constitute 8.3% of total exports of those commodities worldwide and were the largest export category to Japan by value in 2021.

U.S. Imports of Transportation Equipment from Japan

In 2021, the U.S. imported \$43.7 billion in Transportation Equipment from Japan, a slight increase from \$42.5 billion 2020. Japan was the origin of 14.2% of total Transportation Equipment imports in 2021, down from 15.1% in 2020.

U.S. Imports of Optical, Measuring, Medical, and Other Instruments from Japan

In 2021, the U.S. imported \$7.9 billion in Optical, Measuring, Medical, and Other Instruments from Japan, an increase of 21.6% (\$1.4 billion) from 2020. Japan was the origin of 7.1% of total Optical, Measuring, Medical, and Other Instrument imports in 2021, up from 6.9% in 2020.



U.S. Exports to Japan subject to U.S. Government Export Control

II. U.S. Exports to Japan subject to U.S. Government Export Control

In 2021, of the \$75.0 billion in U.S. exports to Japan:

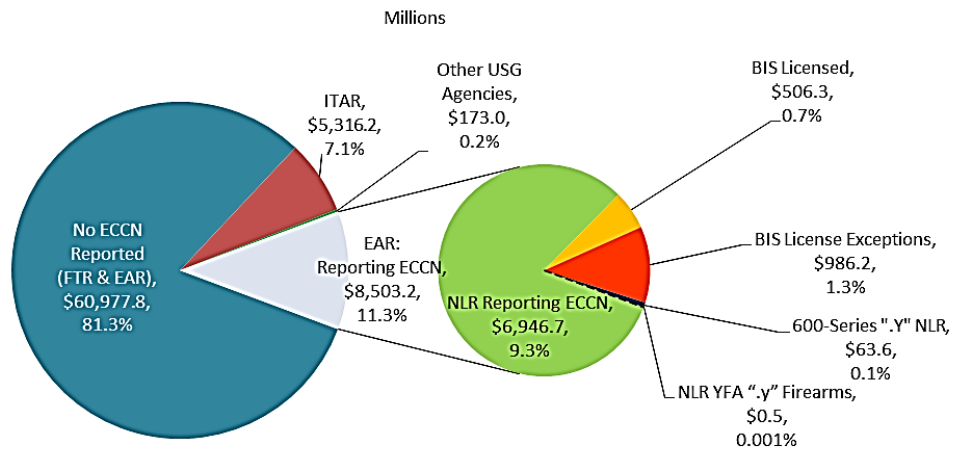
- 2.0% were subject to a BIS license requirement.
 - 0.7% were exported under a BIS license. Worldwide, 0.4% were exported under a BIS license.
 - 1.3% were exported under a BIS license exception. Worldwide, 0.8% were exported under a BIS license exception.
- 9.3% were exported under No License Required with an ECCN; Worldwide, 10.0% were exported under NLR with an ECCN reported.
 - 0.1% were exported under NLR for 600-series .y subparagraph items. Worldwide, 0.02% were exported under NLR 600-series .y subparagraph items.
 - 0.001% were exported under NLR for 0A501 .y subparagraph Firearms items; Worldwide, 0.001% were exported under NLR for 0A501 .y subparagraph Firearms items.

Japan			
	2019	2020	2021
Department of State	\$5,429.0	\$4,518.1	\$5,316.2
Other USG Agencies	\$589.7	\$369.7	\$173.0
Department of Commerce	\$68,478.4	\$58,868.6	\$69,481.0
BIS Licensed	\$671.1	\$667.9	\$506.3
BIS License Exceptions	\$1,305.1	\$1,137.1	\$986.2
NLR reporting an ECCN	\$10,732.0	\$7,477.1	\$6,946.7
NLR not reporting an ECCN	\$55,732.6	\$49,539.6	\$60,977.8
NLR 600-Series ".y" subparagraph	\$37.5	\$46.5	\$63.6
NLR YFA ".y" subparagraph Firearms	\$0.0	\$0.4	\$0.5

Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022

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 U.S. Exports to Japan in 2021

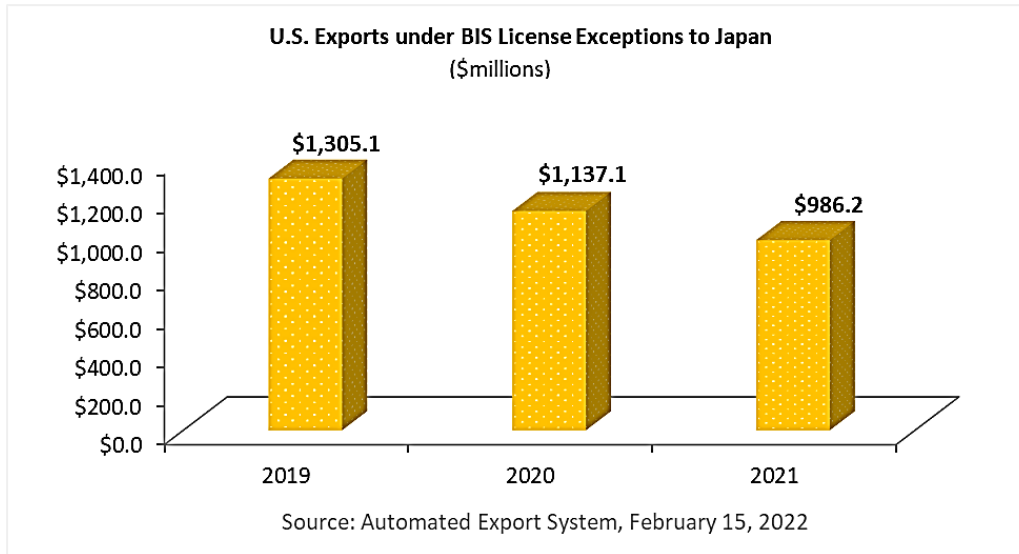


Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022

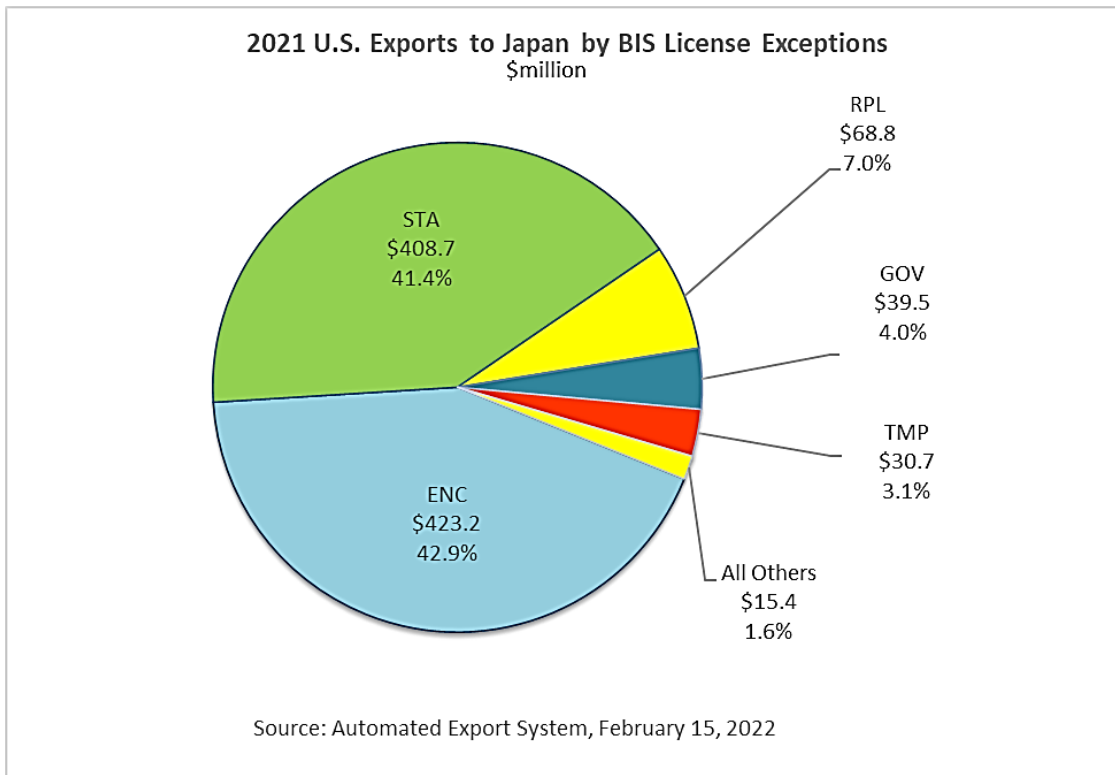


U.S. Exports to Japan subject to U.S. Government Export Control

In 2021, U.S. exports to Japan shipped under a BIS license exception totaled \$986.2 million, a 13.3% (\$150.9 million) decrease from 2020.



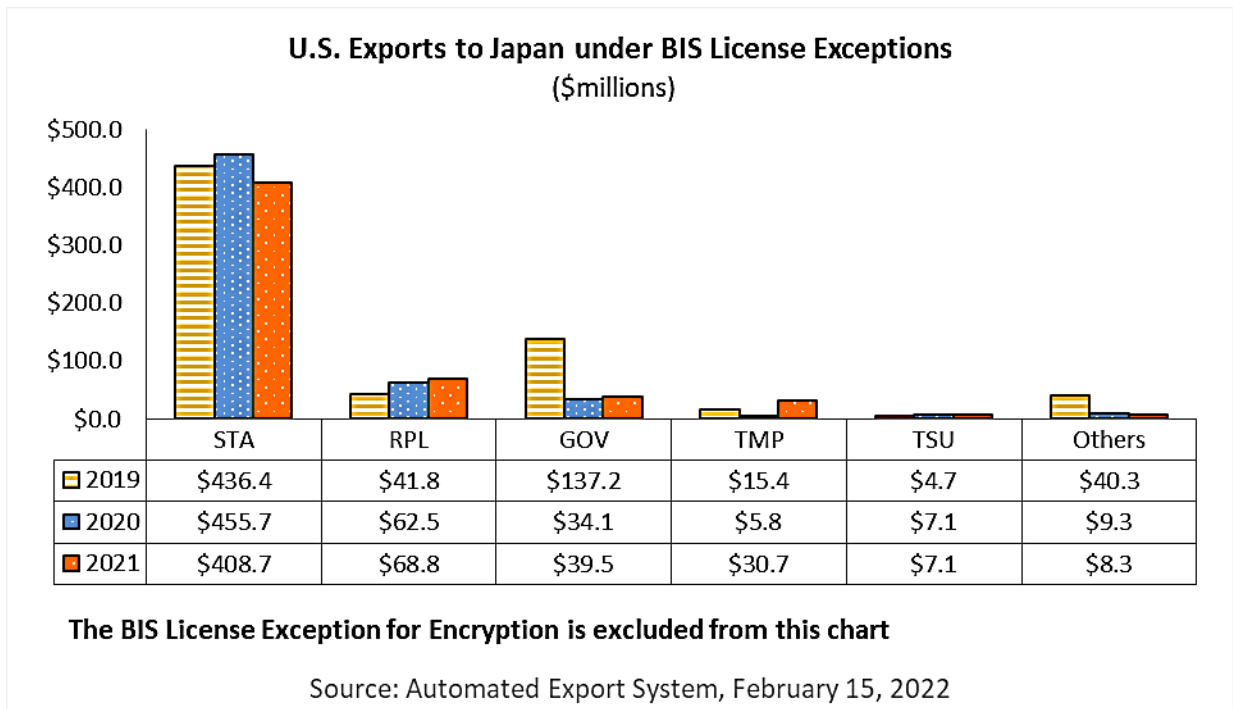
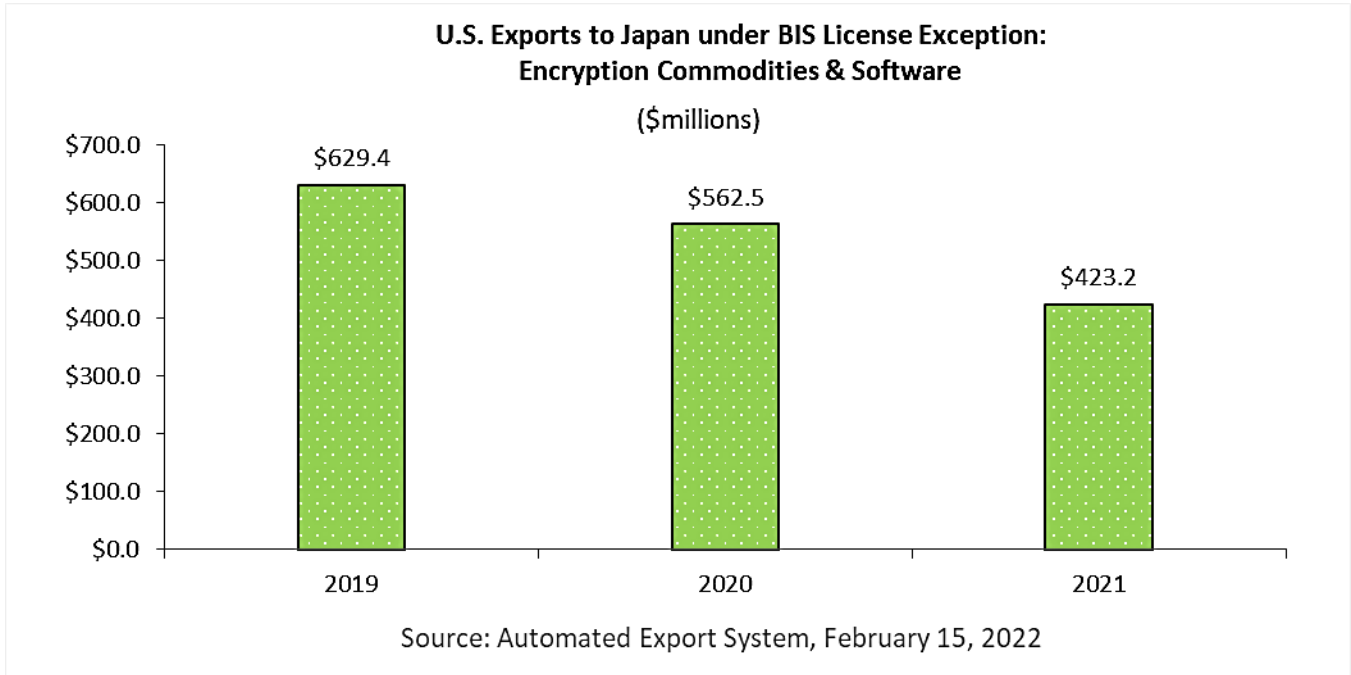
In 2021, the top license exception Encryption Commodities & Software (ENC) totaled \$423.2 million (42.9% of all license exceptions), followed by Strategic Trade Authorization (STA) at \$408.7 million (41.4%), and Servicing and Replacement of Parts and Equipment (RPL) at \$68.8 million (7.0%).





U.S. Exports to Japan subject to U.S. Government Export Control

In 2021, U.S. exports to Japan shipped under a BIS license exception: Encryption Commodities & Software totaled \$423.2 million, a 24.8% (\$139.3 million) decrease from 2020.





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

Top Ten ECCNs by Value to Japan (\$millions)		
LICENSED	#1	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#2	9A619 Military gas turbine engines and related commodities (see List of Item
	#3	3A611 Military electronics, as follows (see List of Items Controlled).
	#4	9A515 "Spacecraft" and related commodities, as follows (see List of Items Co
	#5	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis
	#6	7A103 Instrumentation, navigation equipment and systems, other than those co
	#7	8A609 Surface vessels of war and related commodities (see List of Items Cont
	#8	7B611 Test, inspection, and production commodities "specially designed" for
	#9	9B610 Test, inspection, and production "equipment" and related commodities "
	#10	0A614 Military training "equipment," as follows (see List of Items Controlle

Note: ECCN descriptions have been truncated: please review Commerce Control List for full description

Top Ten ECCNs by Value to Japan (\$millions)		
EXCEPTIONS	#1	5A002 "Information security" systems, equipment and "components," as follows
	#2	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	9A619 Military gas turbine engines and related commodities (see List of Item
	#4	3A611 Military electronics, as follows (see List of Items Controlled).
	#5	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis
	#6	9A515 "Spacecraft" and related commodities, as follows (see List of Items Co
	#7	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#8	9A001 Aero gas turbine engines having any of the following (see List of Item
	#9	6A003 Cameras, Systems or Equipment, and "Components" Therefor, as Follows (
	#10	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).

Note: ECCN descriptions have been truncated: please review Commerce Control List for full description

Top Ten ECCNs by Value to Japan (\$millions)		
NLR with ECCN	#1	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	3B991 Equipment not controlled by 3B001 for the manufacture of electronic "p
	#3	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#4	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#5	7A994 Other navigation direction finding equipment, airborne communication e
	#6	3B992 Equipment not controlled by 3B002 for the inspection or testing of ele
	#7	3A999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#8	2B999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#9	2B230 All types of "pressure transducers" capable of measuring absolute pres
	#10	3A992 General purpose electronic equipment not controlled by 3A002.

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 to Japan by Shipment Count		
LICENSED	#1	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#2	9A619 Military gas turbine engines and related commodities (see List of Item
	#3	3A611 Military electronics, as follows (see List of Items Controlled).
	#4	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis
	#5	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#6	9A515 "Spacecraft" and related commodities, as follows (see List of Items Co
	#7	3A001 Electronic items as follows (see List of Items Controlled).
	#8	9B610 Test, inspection, and production "equipment" and related commodities "
	#9	8A609 Surface vessels of war and related commodities (see List of Items Cont
	#10	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL

Note: ECCN descriptions have been truncated: please review Commerce Control List for full description

Top Ten ECCNs to Japan by Shipment Count		
EXCEPTIONS	#1	5A002 "Information security" systems, equipment and "components," as follows
	#2	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	3A611 Military electronics, as follows (see List of Items Controlled).
	#4	9A619 Military gas turbine engines and related commodities (see List of Item
	#5	5D002 "Software" as follows (see List of Items Controlled).
	#6	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#7	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#8	1C001 Materials "specially designed" for absorbing electromagnetic radiation
	#9	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#10	9B610 Test, inspection, and production "equipment" and related commodities "

Note: ECCN descriptions have been truncated: please review Commerce Control List for full description

Top Ten ECCNs to Japan by Shipment Count		
NLR with ECCN	#1	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	3B991 Equipment not controlled by 3B001 for the manufacture of electronic "p
	#3	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#4	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#5	7A994 Other navigation direction finding equipment, airborne communication e
	#6	3A991 Electronic devices, and "components" not controlled by 3A001.
	#7	3A992 General purpose electronic equipment not controlled by 3A002.
	#8	3B992 Equipment not controlled by 3B002 for the inspection or testing of ele
	#9	3A999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#10	4A994 Computers, "electronic assemblies" and related equipment not controlle

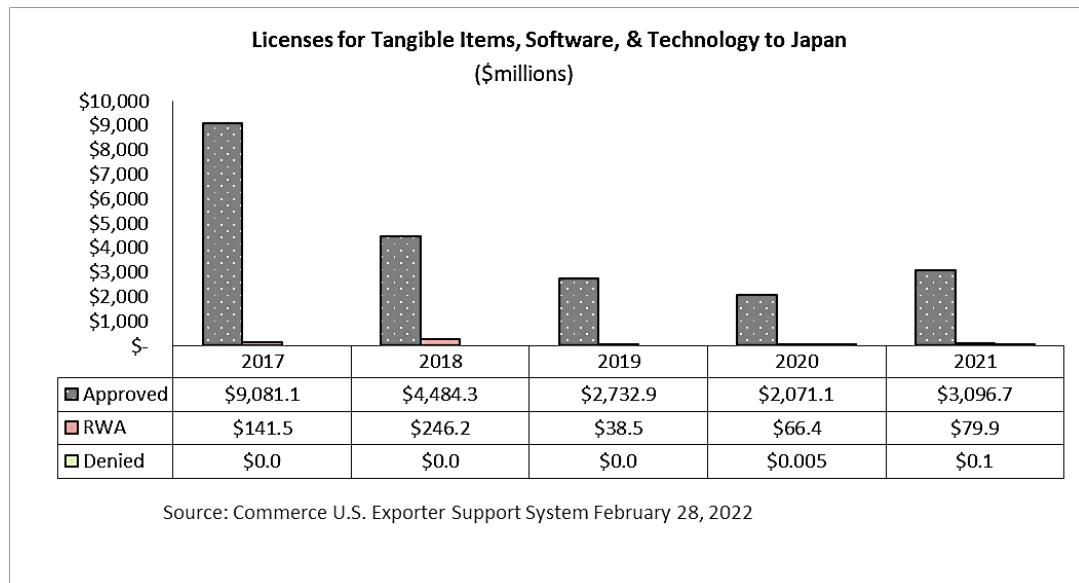
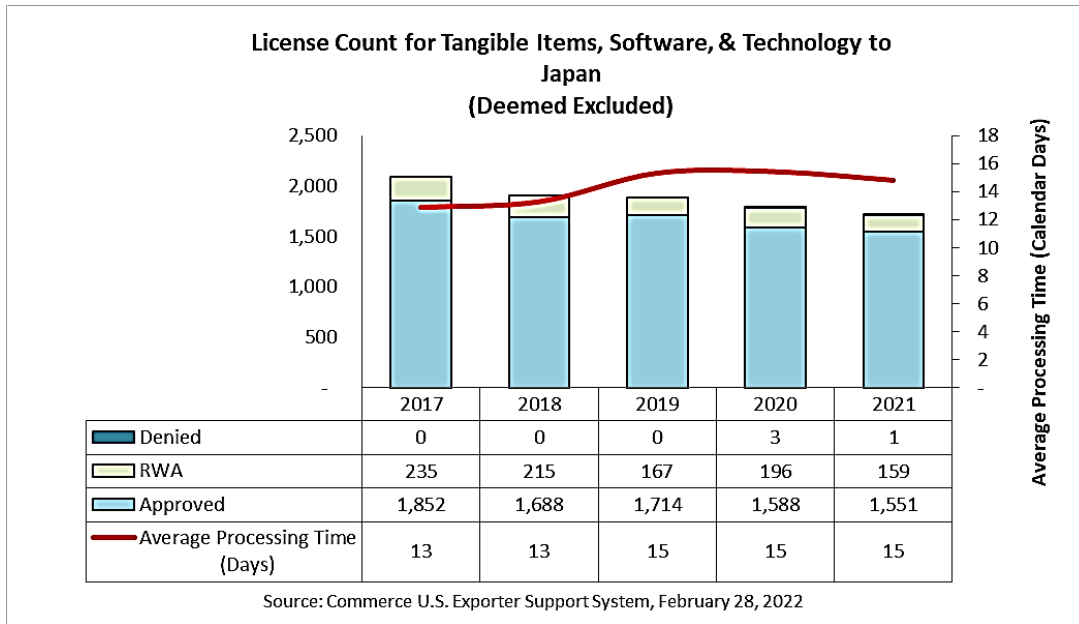
Note: ECCN descriptions have been truncated: please review Commerce Control List for full description



III. BIS Licensing to Japan

In 2021, BIS reviewed 1,711 export/re-export applications (not including deemed export applications) valued at \$3.2 billion for Japan, out of a total of 39,901 applications worldwide for tangible items, software and technology valued at \$1.4 trillion.

Approved applications for Japan totaled 1,551 (90.6% of the total applications) for \$3.1 billion, compared to 34,369 (86.1%) approved applications for all destinations valued at \$322.8 billion.





BIS License Determination Trends for Japan

In 2021, BIS reviewed 16 applications for Deemed Exports from Japanese nationals out of 942 applications worldwide for deemed exports. 15 applications (93.8%) were approved compared to the 821 (87.2%) approved applications for all destinations.

In the last five years, there were no denials for Deemed Export applications from Japanese nationals.

Deemed Export Licenses for Nationals of Japan							
2017 - 2021							
Year	Approved	RWA	Denied	Japan Total	World Total	Japan Total/ World Total	
2017	21	1	0	22	1,510	1.5%	
2018	15	1	0	16	967	1.7%	
2019	16	0	0	16	1,302	1.2%	
2020	18	5	0	23	1,212	1.9%	
2021	15	1	0	16	942	1.7%	

Source: Commerce U.S. Exporter Support System, February 28, 2022

The top approved ECCNs (including deemed exports) to Japan by count include: 9A610 for Military Aircraft and Related Commodities, Other Than Those Enumerated in 9A991.a with 473 approvals; 3A611 for Military Electronics with 284 approvals; and 3E611 for Technology Required for Military Electronics with 122 approvals.

Top Ten Approved (with deemed) ECCNs to Japan by Count		2017	2018	2019	2020	2021	% of World Total 2021
APPROVED	#1 9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated	583	526	496	463	473	9.0%
	#2 3A611 Military electronics, as follows (see List of Items Controlled).	416	359	405	283	284	13.3%
	#3 3E611 "Technology" "required" for military electronics, as follows (see List	123	61	57	80	122	21.1%
	#4 9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis	139	148	143	123	117	33.0%
	#5 9E610 Technology "required" for the "development," "production," operation,	96	99	87	85	102	7.9%
	#6 9E515 "Technology" "required" for the "development," "production," operation	130	52	82	65	80	15.0%
	#7 9A619 Military gas turbine engines and related commodities (see List of Item	129	152	111	78	77	7.5%
	#8 3A001 Electronic items as follows (see List of Items Controlled).	83	114	82	91	72	5.8%
	#9 1C351 Human and animal pathogens and "toxins," as follows (see List of Items	60	55	56	47	69	6.4%
	#10 9A515 "Spacecraft" and related commodities, as follows (see List of Items Co	116	83	91	72	65	17.8%

Source: Commerce U.S. Exporter Support System, February 28, 2022

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

Denied (with deemed) ECCNs to Japan by Count		2021	% of World Total 2021
Denied	#1 5A992 Equipment not controlled by 5A002 (see List of Items Controlled).	1	1.8%

Source: Commerce U.S. Exporter Support System, February 28, 2022

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

In 2021, the average processing time for Japan was 15 calendar days.



Summary of U.S. Exports to Japan

Summary of U.S. Exports to Japan Calendar Year 2021				
	CY2021	CY2020	% of Total Exports	Percentage Change from previous year
Total Exports	\$74,970,192,296	\$63,756,411,577		17.6%
Total Subject to ITAR	\$5,316,213,216	\$4,514,180,349	7.1%	17.8%
Subject to Other Gov. Agencies	\$172,967,546	\$369,716,282	0.2%	-53.2%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$506,273,022	100.0%	
Total of Licensed		\$506,273,022	0.7%	Total Licensed/Total Exports
C35	LVS	\$87,386	0.01%	
C36	GBS	\$5,218,252	0.5%	
C38	TSR	\$265,580	0.03%	
C40	TMP	\$30,652,407	3.1%	
C41	RPL	\$68,755,787	7.0%	
C42	GOV	\$39,453,697	4.0%	
C43	GFT	\$119,580	0.01%	
C44	TSU	\$7,129,264	0.7%	
C45	BAG	\$7,110	0.001%	
C46	AVS	\$940,596	0.1%	
C50	ENC	\$423,208,363	42.9%	
C53	APP	\$916,895	0.1%	
C54	SS-WRC	\$733,380	0.1%	
C59	STA	\$408,687,570	41.4%	
Total of License Exceptions		\$986,175,867	1.3%	Total License Exceptions/Total Exports
			66.1%	Total License Exceptions/Total Subject to License Requirement
Total subject to license requirement (Licensed and License Exceptions)		\$1,492,448,889	2.0%	Total Subject to License Requirement/Total Exports
C33	NLR reporting an ECCN	\$6,946,692,403	9.3%	NLR reporting an ECCN/ Total Exports
C60	NLR for 600-Series ".y" subparagraph	\$63,564,614	0.1%	NLR for 600-Series ".y" subparagraph/ Total Exports
C63	NLR for 0A501 .y subparagraph Firearms	\$523,812	0.001%	NLR for 0A501 .y subparagraph firearms/ Total Exports
Total of NLR		\$7,010,780,829	9.4%	Total NLR with an ECCN/ Total Exports
Exports not reporting an ECCN		\$60,977,781,816	81.3%	

Source: U.S. Census Bureau, Foreign Trade Division and Automated Export System