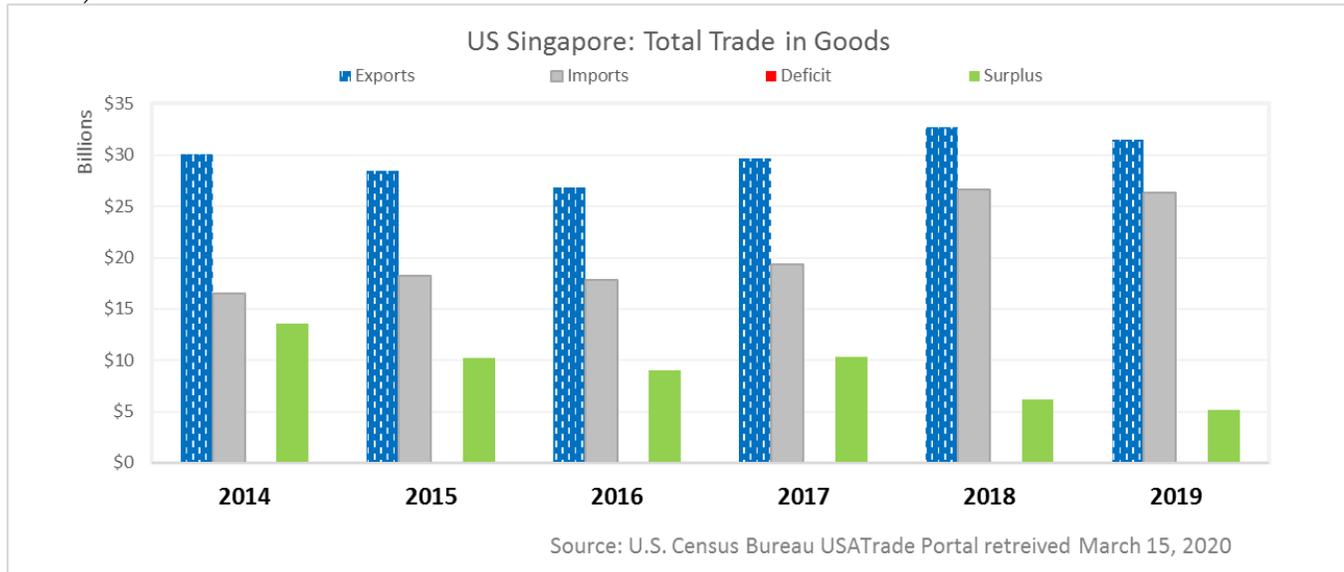




I. Total U.S. Trade in goods with Singapore

In 2019, U.S. exports to Singapore totaled \$31.5 billion, a 3.7% (\$1.2 billion) decrease from 2018; U.S. imports from Singapore totaled \$26.4 billion, a 0.9% (\$0.2 billion) decrease; and the trade deficit was \$5.2 billion, a 15.8% (\$1.0 billion) decrease.



In 2019, **1.9%** of total **U.S. exports** were shipped to Singapore while **1.1%** of total **U.S. Imports** were delivered from Singapore. In 2019, the level of U.S. exports to and imports from Singapore exceeded the prior five-year average level by value not adjusted for inflation. In 2019, the US trade balance with Singapore is positive.

	2014	2015	2016	2017	2018	2019	2014-2018 Average
EXPORTS	\$30,067.8	\$28,480.8	\$26,815.6	\$29,648.9	\$32,747.3	\$31,549.6	\$29,552.1
Δvalue	--	-\$1,587.0	-\$1,665.3	\$2,833.3	\$3,098.4	-\$1,197.7	
Δpct	--	-5.3%	-5.8%	10.6%	10.5%	-3.7%	
IMPORTS	\$16,501.5	\$18,272.0	\$17,832.1	\$19,367.5	\$26,612.2	\$26,381.0	\$19,717.1
Δvalue	--	\$1,770.5	-\$439.9	\$1,535.4	\$7,244.7	-\$231.2	
Δpct	--	10.7%	-2.4%	8.6%	37.4%	-0.9%	
BALANCE	\$13,566.3	\$10,208.8	\$8,983.5	\$10,281.4	\$6,135.1	\$5,168.5	\$9,835.0
Δvalue	--	(\$3,357.5)	(\$1,225.3)	\$1,297.9	(\$4,146.3)	(\$966.5)	
Δpct	--	-24.7%	-12.0%	14.4%	-40.3%	-15.8%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USATrade Portal March 15, 2020



In 2019, of the \$31.5 billion in U.S. exports to Taiwan, the top commodity sectors were Machinery and mechanical appliances (29.8%), Transportation equipment (20.3%), and Chemicals, Plastics, and Leather products (16.6%).

In 2019, of the \$26.4 billion in U.S. imports from Taiwan, the top commodity sectors were Chemicals, Plastics, and Leather products (28.2%), Machinery and mechanical appliances (24.9%), and Special Items (14.6%).

Imports from Singapore by Sector	Singapore Commodity Trade 2019	US exports to Singapore by Sector
\$26,381,027,951	Total Value All Commodities	\$31,549,569,594
11.6%	Agriculture (Chapters 01-24)	2.9%
4.4%	Minerals (Chapters 25-27)	10.0%
28.2%	Chemicals, Plastics, Leather (Chapters 28-43)	16.6%
0.2%	Wood Products (Chapters 44-49)	0.4%
0.1%	Textiles and Footwear (Chapters 50-67)	0.3%
1.3%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	2.5%
0.4%	Base metals (Chapters 72-83)	2.2%
24.9%	Machinery (Chapters 84-85)	29.8%
0.5%	Transportation (Chapters 86-89)	20.3%
13.7%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	9.9%
0.0%	Arms & Ammunition (Chapter 93)	0.1%
0.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.5%
0.0%	Art & Antiques (Chapter 97)	0.3%
14.6%	Special Items (Chapters 98-99** Imports only 99)	4.1%

Source: U.S. Census Bureau USATrade Portal retrieved March 9, 2020



II. Exports to Singapore subject to US Government Filing Requirements

In 2019, of the \$31.5 billion in U.S. exports to Singapore:

- 3.1% were subject to a BIS license requirement
 - 0.7 % were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - 2.4% were exported under a BIS license exception; Worldwide, 1.0% were exported under a BIS license exception.
- 26.5% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.
- 0.04% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

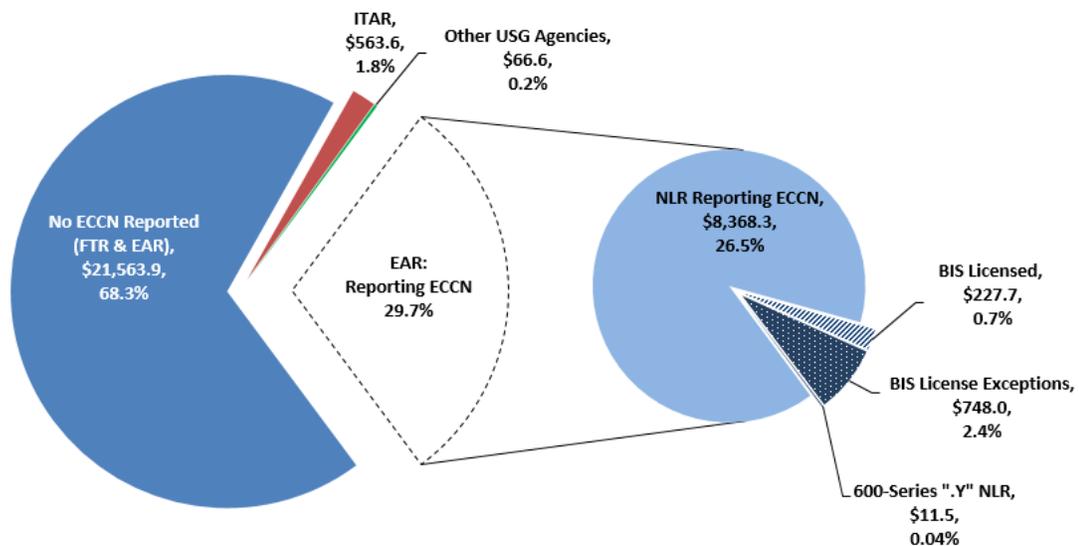
Singapore			
	2017	2018	2019
Department of State	\$1,903.0	\$1,857.3	\$1,678.8
Other USG Agencies	\$54.9	\$148.6	\$192.6
Department of Commerce	\$27,691.0	\$30,741.4	\$29,678.1
BIS Licensed	\$250.0	\$301.7	\$394.5
BIS License Exceptions	\$598.7	\$432.2	\$396.8
NLR reporting an ECCN	\$9,386.6	\$8,205.5	\$6,161.3
NLR not reporting an ECCN	\$17,448.2	\$21,791.2	\$22,713.4
600-Series ".Y" Paragraph NLR	\$7.4	\$10.9	\$12.0

Values in Millions of U.S. Dollars: U.S. Border & Protection: Electronic Export Information; April 1, 2020

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
Singapore	X	X		X		X	X	X	X	X		X		X		

CFR 15 Part 738 Supplement 1

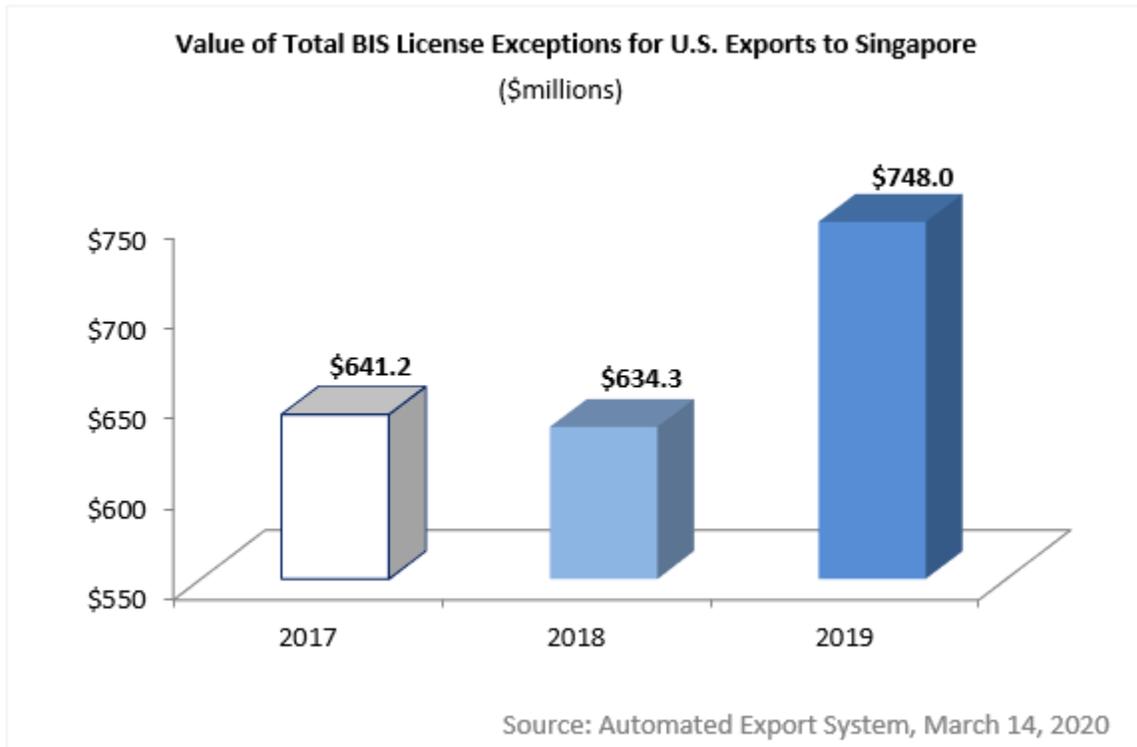
2019 U.S. Exports to Singapore: Export Authorizations by Regulatory Authority



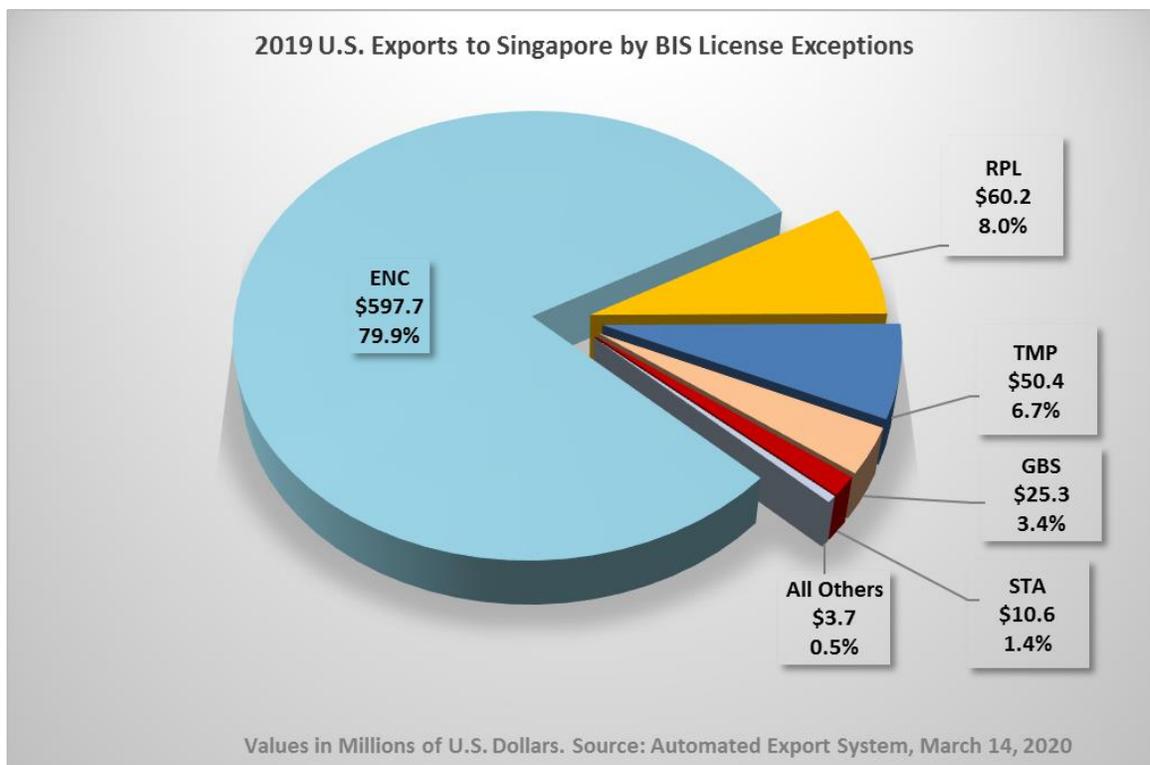
Source: Automated Export System, March 14 2020, Value in U.S. Millions



In 2019, U.S. exports to Singapore shipped under a BIS license exception totaled \$748.0 million, a 17.9% (\$113.7 million) increase from 2018.

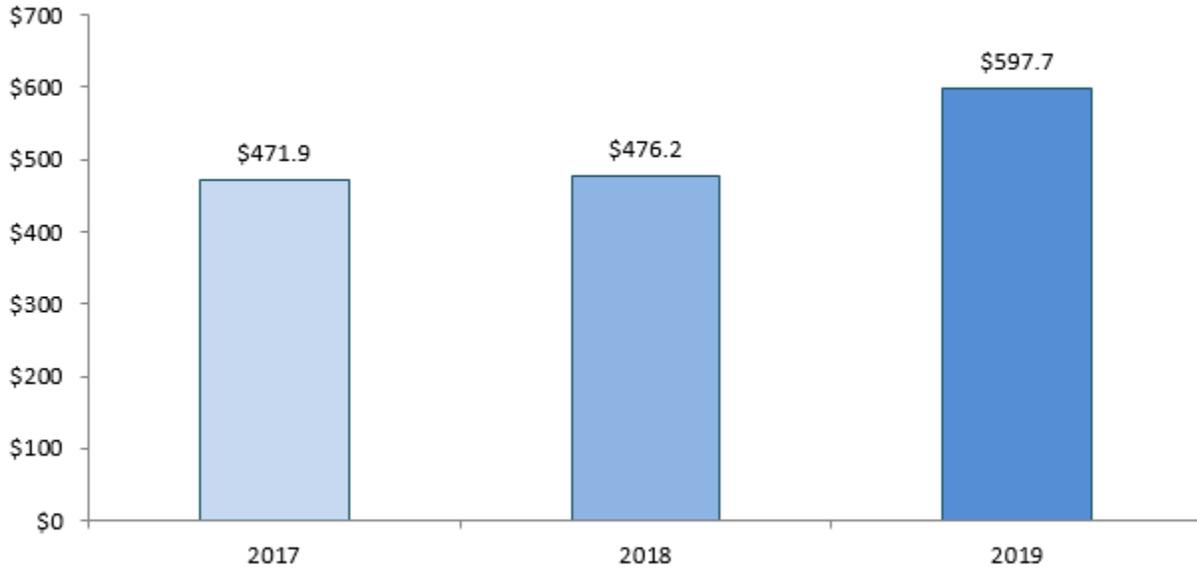


The top license exception by value was Encryption commodities, Software and Technology (ENC) totaling \$597.7 million (79.9% of all license exceptions) reported for Singapore.



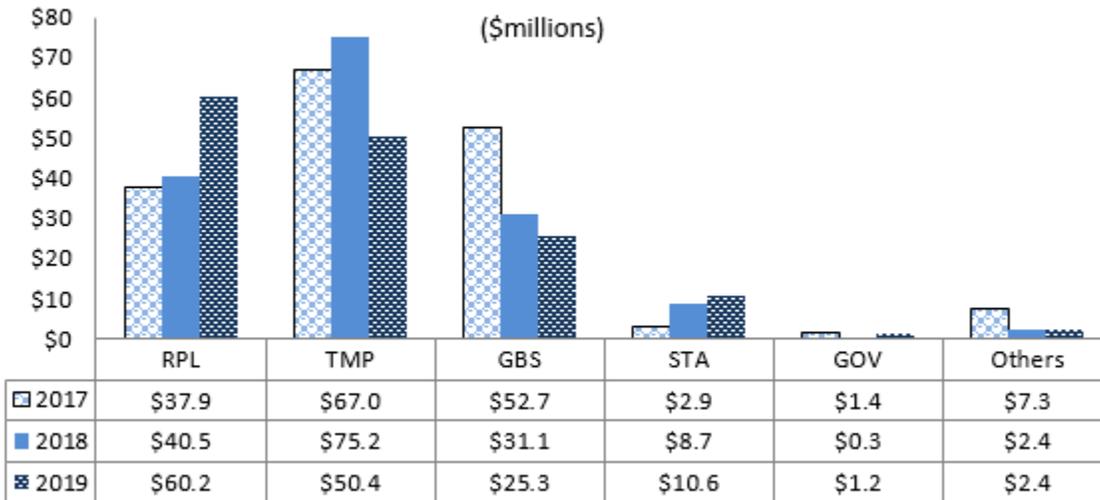


U.S. Exports to Singapore under BIS License Exception: Encryption Commodities & Software
(\$millions)



Values in Millions of U.S. Dollars. Source: Automated Export System, March 14, 2020

U.S. Exports to Singapore under Top 5 BIS License Exceptions excluding: Encryption Commodities & Software
(\$millions)



Values in Millions of U.S. Dollars. Source: Automated Export System, March 14, 2020



Top Ten ECCNs by Value to Singapore (\$millions)	
LICENSED	#1 6A001 Acoustic Systems, Equipment and "Components"
	#2 9A610 Military Aircraft and Related Commodities
	#3 9A619 Military Gas Turbine Engines and Related Commodities
	#4 3A233 Mass Spectrometers
	#5 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#6 2B230 Pressure Transducers
	#7 3A611 Military Electronics
	#8 7A002 Gyros and Angular Rate Sensors, ...
	#9 7A103 Instrumentation, Navigation Equip./Systems Not
	#10 1A004 Protective and Detection Equip.

Top Ten ECCNs by Value to Singapore (\$millions)	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 2B350 Chemical Manufacturing Facilities and Equip.
	#3 9A610 Military Aircraft and Related Commodities
	#4 3A001 Electronic Components
	#5 3A611 Military Electronics
	#6 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#7 9A619 Military Gas Turbine Engines and Related Commodities
	#8 1C008 Non-Fluorinated Polymeric Substances
	#9 EAR99 Items subject to the EAR that are not elsewhere controlled
	#10 7A103 Instrumentation, Navigation Equip./Systems Not

Top Ten ECCNs by Value to Singapore (\$millions)	
NLR with ECCN	#1 EAR99 Items subject to the EAR that are not elsewhere controlled
	#2 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#3 3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#4 3A991 Electronic Devices and "Components" not controlled by 3A001
	#5 5A991 Telecommunication Equip. Not Controlled by 5A001
	#6 5A992 Equipment not controlled by 5A002
	#7 3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#8 4A994 Computers Not Controlled By 4A001 or 4A003
	#9 7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#10 3A999 Specific Processing Equip., N.E.S.

Source: Automated Export System, retrieved on March 18, 2020

Note: ECCN descriptions have been truncated, please review Commerce Control Lit for full description.



Top Ten ECCNs to Singapore by Shipment Count		
LICENSED	#1	9A610 Military Aircraft and Related Commodities
	#2	2B230 Pressure Transducers
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	EAR99 Items subject to the EAR that are not elsewhere controlled
	#5	7A002 Gyros and Angular Rate Sensors, ...
	#6	2B350 Chemical Manufacturing Facilities and Equip.
	#7	7A103 Instrumentation, Navigation Equip./Systems Not
	#8	3A233 Mass Spectrometers
	#9	2A983 Explosives Or Detonator Detection Equip.
	#10	5A002 Systems/Equip./Integrated Circuits for Info Sec

Top Ten ECCNs to Singapore by Shipment Count		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	5D002 "Software" as follows (see List of Items Controlled)
	#3	EAR99 Items subject to the EAR that are not elsewhere controlled
	#4	9A610 Military Aircraft and Related Commodities
	#5	3A001 Electronic Components
	#6	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#7	9A619 Military Gas Turbine Engines and Related Commodities
	#8	7A103 Instrumentation, Navigation Equip./Systems Not
	#9	1C008 Non-Fluorinated Polymeric Substances
	#10	3A611 Military Electronics

Top Ten ECCNs to Singapore by Shipment Count		
NLR with ECCN	#1	EAR99 Items subject to the EAR that are not elsewhere controlled
	#2	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#3	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#4	5A991 Telecommunication Equip. Not Controlled by 5A001
	#5	5A992 Equipment not controlled by 5A002
	#6	4A994 Computers Not Controlled By 4A001 or 4A003
	#7	2B999 Specific Processing Equip., N.E.S.
	#8	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#9	3A991 Electronic Devices and "Components" not controlled by 3A001
	#10	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002

Source: Automated Export System, retrieved on March 18, 2020

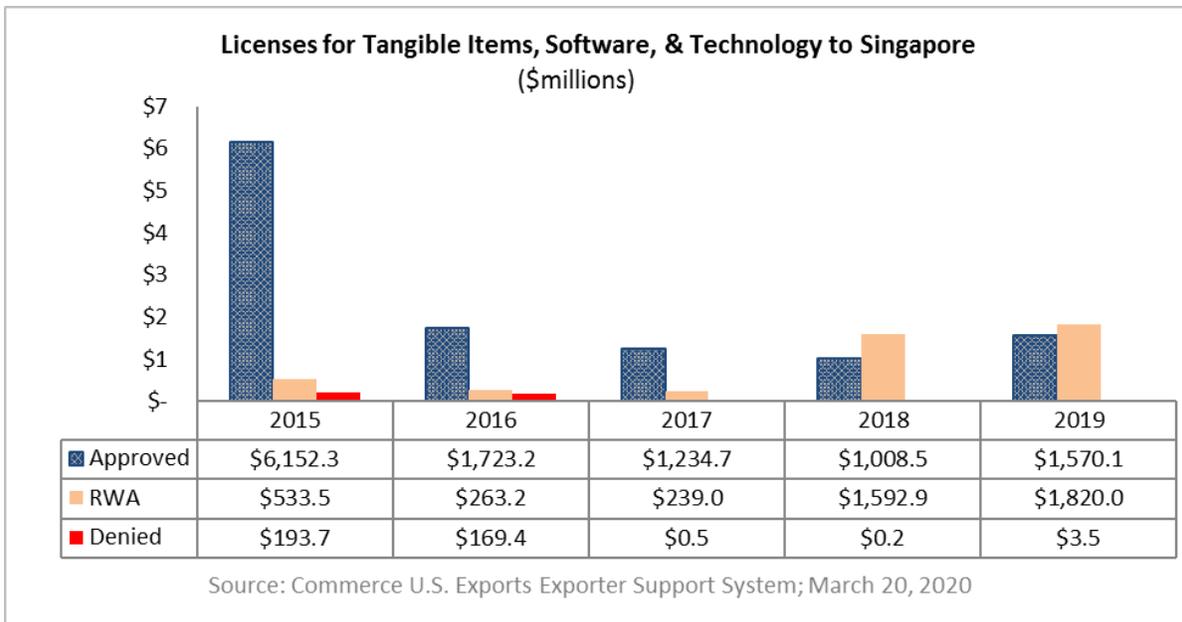
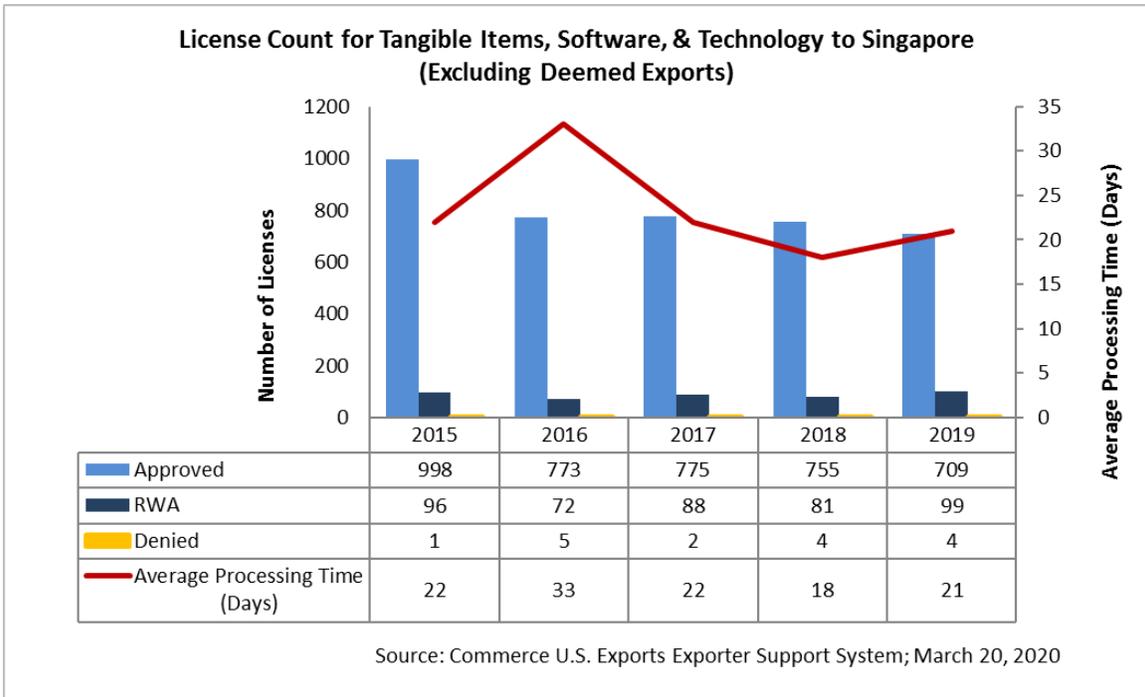
Note: ECCN descriptions have been truncated, please review Commerce Control List for full description.



III. BIS Licensing to Singapore

In 2019, BIS reviewed 812 export/re-export applications (not including deemed export applications) valued at \$3.4 billion for Singapore, out of a total of 32,993 applications worldwide for tangible items, software and technology valued at \$158.8 billion.

– Approved applications for Singapore totaled 712 (87.3% of the total applications) for \$1.6 billion compared to 28,223 (85.5%) approved for all destinations valued at \$123.0 billion.





In 2019, BIS reviewed 3 deemed export applications from Singapore out of 1,320 applications worldwide for deemed exports.

– Approved deemed export applications for Singapore totaled 3 (100%), compared to the 1,124 (85.2%) approved for all destinations.

Deemed Export Licenses for Singapore			
	Approved	RWA	Denied
2015	2	2	0
2016	3	0	1
2017	6	2	0
2018	4	0	0
2019	3	0	0

Source: Commerce U.S. Exports Exporter's Support System, March 20, 2020

Top Ten Approved (with deemed) ECCNs to Singapore by Count		2015	2016	2017	2018	2019	% of World Total 2019
APPROVED	#1 9A610 Military Aircraft and Related Commodities	175	173	141	134	151	3.0%
	#2 2B350 Chemical Manufacturing Facilities and Equip.	210	137	132	128	89	4.0%
	#3 2B230 Pressure Transducers	40	57	38	49	41	9.7%
	#4 9A619 Military Gas Turbine Engines and Related Commoditi...	42	18	24	28	26	2.3%
	#5 3A001 Electronic Components	22	16	20	17	24	2.2%
	#6 9E610 Technology Required for the Development, Productio...	19	19	15	14	24	1.8%
	#7 6A003 Cameras	11	7	21	22	23	2.2%
	#8 1A004 Protective and Detection Equip.	17	23	24	24	22	3.3%
	#9 1C351 Human and Animal Pathogens and toxins	46	35	27	35	20	2.1%
	#10 3A611 Military Electronics	72	56	56	34	20	0.9%

Source: Commerce U.S. Exports Exporter Support System; March 20, 2020

Four Denied (with deemed) ECCNs to Singapore by Count		2019	% of World Total 2019
Denied	#1 6A001 Acoustic Systems, Equipment and "Components"	1	50.0%
	#2 7A103 Instrumentation, Navigation Equip./Systems Not	1	100.0%
	#3 9A610 Military Aircraft and Related Commodities	1	4.8%
	#4 EAR99 Items subject to the EAR that are not elsewhere controlled	1	1.4%

Source: Commerce U.S. Exports Exporter Support System; March 20, 2020



Summary of U.S. Exports to Singapore Calendar Year 2019				
	CY2019	CY2018	% of Total Exports	Percentage Change from previous year
Total Exports	\$31,549,569,594	\$32,747,286,153		-3.7%
Subject to ITAR	\$563,605,738	\$522,713,837	1.8%	7.8%
Subject to Other Gov. Agencies	\$66,640,076	\$65,737,169	0.2%	1.4%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$227,651,434	100.0%	
VDC	Voluntary Disclosure	\$0	0.0%	
Total of Licensed		\$227,658,388	0.7%	Total BIS Licensed Exports/ Total Exports
C35	LVS	\$425,864	0.1%	
C36	GBS	\$25,332,413	3.4%	
C38	TSR	\$3,520	0.0005%	
C40	TMP	\$50,426,634	6.7%	
C41	RPL	\$60,196,982	8.0%	
C42	GOV	\$1,235,702	0.2%	
C43	GFT	\$13,270	0.002%	
C44	TSU	\$1,067,895	0.1%	
C45	BAG	\$5,717	0.001%	
C46	AVS	\$527,710	0.1%	
C50	ENC	\$597,716,910	79.9%	
C53	APP	\$398,424	0.1%	
C59	STA	\$10,634,254	1.4%	
Total of License Exceptions		\$747,985,295	2.4%	total license exceptions/ total exports
			76.7%	Total BIS License Exceptions/ Total Subject to BIS License Requirement
Total subject to license requirement (Licensed and License Exceptions)		\$975,643,683	3.1%	Total Subject to BIS License Requirement/ Total Exports
C33	NLR with an ECCN	\$8,368,311,857	26.5%	NLR with an ECCN/ Total Exports
C60	NLR for .y subparagraph 600-series	\$11,471,799	0.04%	NLR Dot Y subparagraph 600-series/ Total Exports
Total of NLR		\$8,379,783,656	26.6%	Total NLR/ Total Exports
Exports not reporting an ECCN		\$21,563,896,441	68.3%	Exports not reporting an ECCN/ Total Exports

Source: U.S. Census Bureau, Foreign Trade Division and Automated Export System, April 1, 2020