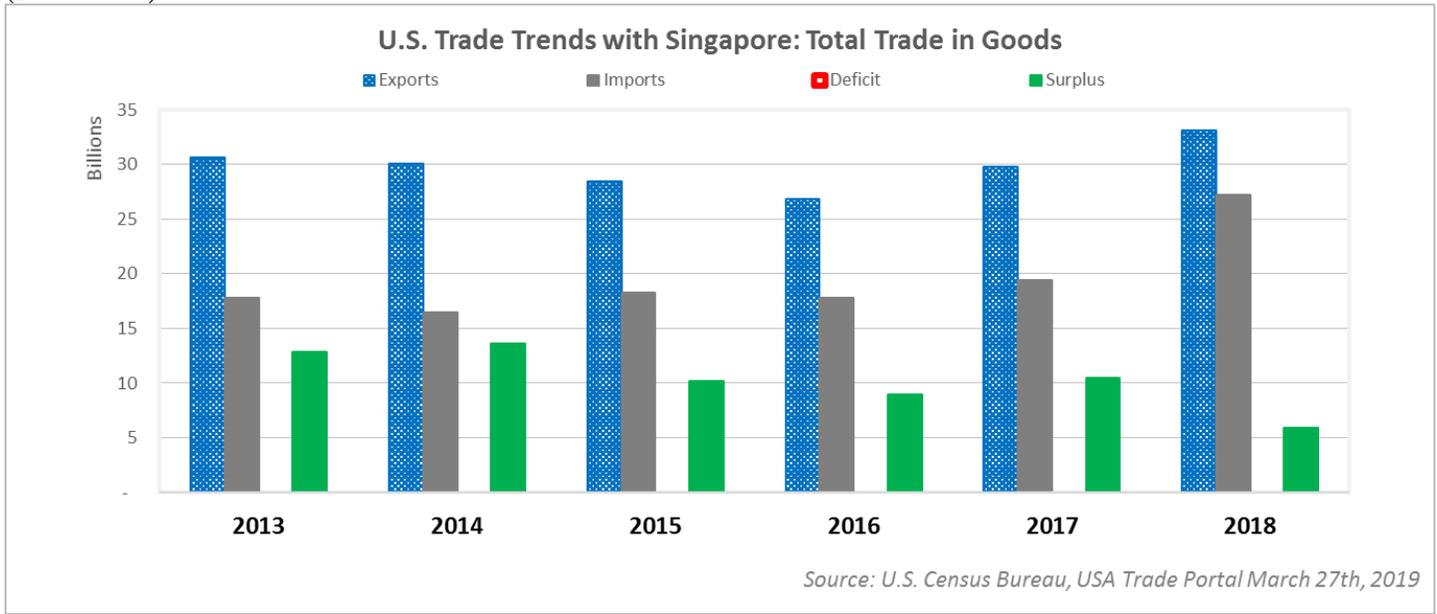




I. Total U.S. Trade in goods with Singapore

In 2018, U.S. exports to Singapore totaled \$33.1 billion, a 11.2% (\$3.3 billion) increase from 2017; U.S. imports from Singapore totaled \$27.2 billion, an 40.7% (\$7.8 billion) increase; and the trade surplus was \$5.8 billion, a 43.6% (\$4.6 billion) decrease.



In 2018, **2.0%** of total **U.S. exports** were shipped to Singapore while **1.1%** of total **U.S. Imports** were delivered from Singapore. The level of U.S. exports from, and the level of U.S. exports to, Singapore for 2018 exceeded the prior five-year average level by value not adjusted for inflation. In 2018, the U.S. trade balance with Singapore is negative.

Calendar Year	2013	2014	2015	2016	2017	2018	2013 - 2017 Average
EXPORTS	\$30.6 B	\$30 B	\$28.4 B	\$26.8 B	\$29.8 B	\$33.1 B	\$29.1 B
Δvalue	--	\$-597.3 M	\$-1.6 B	\$-1.7 B	\$2.9 B	\$3.3 B	
Δpct	--	-1.9%	-5.3%	-5.8%	11.1%	11.2%	
IMPORTS	\$17.8 B	\$16.5 B	\$18.2 B	\$17.8 B	\$19.3 B	\$27.2 B	\$17.9 B
Δvalue	--	\$-1.4 B	\$1.7 B	\$-439.8 M	\$1.5 B	\$7.8 B	
Δpct	--	-7.5%	10.7%	-2.4%	8.6%	40.7%	
BALANCE	\$12.8 B	\$13.5 B	\$10.2 B	\$8.9 B	\$10.4 B	\$5.8 B	\$11.2 B
Δvalue	--	\$744.1 M	\$-3.36 B	\$-1.3 B	\$1.4 B	\$-4.6 B	
Δpct	--	5.8%	-24.7%	-11.8%	16.0%	-43.6%	

Source: U.S. Census Bureau, USA Trade Portal March 27th, 2019; Value of Data in M = millions; B = billions



U.S. Trade with Singapore

In 2018, of the \$33.1 billion in U.S. exports to Singapore, the top commodity sectors were Machinery (30.2%), Transportation (18.7%) and Chemicals, Plastics, and Leather (15.5%).

In 2018, of the \$27.3 billion in U.S. imports from Singapore, the top commodity sectors were Chemicals, Plastics, and Leather (34.7%), Machinery (26.7%), and Special Items (12.9%).

2018 U.S. Imports from Singapore by Sector	2018 U.S. Commodity Trade With Singapore	2018 U.S. Exports to Singapore by Sector
\$27,256,445,422	Total Value All Commodities	\$33,141,037,988
9.9%	Agriculture (Chapters 01-24)	2.4%
2.9%	Minerals (Chapters 25-27)	13.4%
34.7%	Chemicals, Plastics, Leather (Chapters 28-43)	15.5%
0.1%	Wood Products (Chapters 44-49)	0.4%
0.1%	Textiles and Footwear (Chapters 50-67)	0.4%
1.2%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	2.7%
0.4%	Base metals (Chapters 72-83)	2.1%
26.7%	Machinery (Chapters 84-85)	30.2%
0.6%	Transportation (Chapters 86-89)	18.7%
10.4%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	9.3%
0.0%	Arms & Ammunition (Chapter 93)	0.1%
0.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.5%
0.0%	Art & Antiques (Chapter 97)	0.2%
12.9%	Special Items (Chapters 98-99** Imports only 99)	4.0%

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



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

In 2018, of the \$33.1 billion in U.S. exports to Singapore:

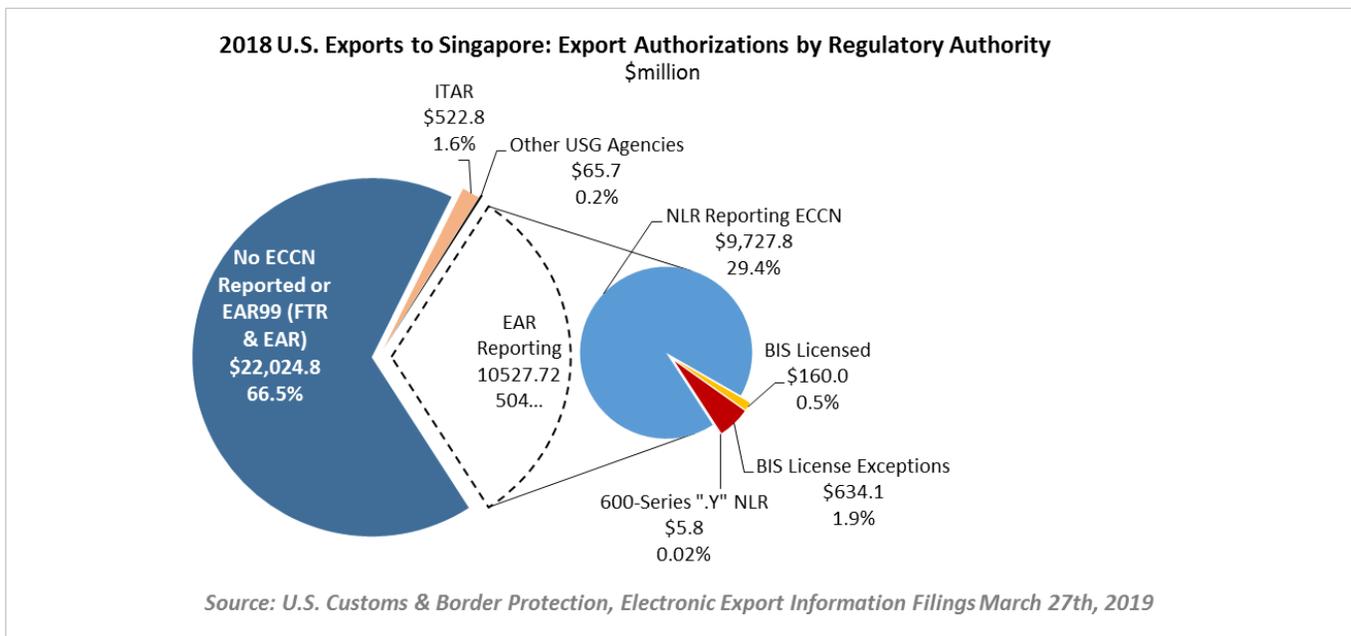
- 2.4% were subject to a BIS license requirement.
- 0.5% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
- 1.9% were exported under a BIS license exception; Worldwide, 1.2% were exported under a BIS license exception.
- 29.4% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.
- 0.02% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

	2016	2017	2018
Department of State	\$916.9	\$623.1	\$522.8
Other USG Agencies	\$90.4	\$42.7	\$65.7
Department of Commerce	\$25,824.3	\$29,140.1	\$32,552.5
BIS Licensed	\$174.1	\$330.1	\$160.0
BIS License Exceptions	\$1,021.4	\$641.2	\$634.1
NLR reporting an ECCN	\$6,402.7	\$7,461.3	\$9,727.8
NLR reporting EAR99	\$11,263.0	\$16,101.3	\$19,621.3
NLR not reporting an ECCN	\$6,958.9	\$4,599.5	\$2,403.5
600-Series ".Y" Paragraph NLR	\$4.2	\$6.7	\$5.8

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
Singapore	X	X		X		X	X	X	X	X		X		X		

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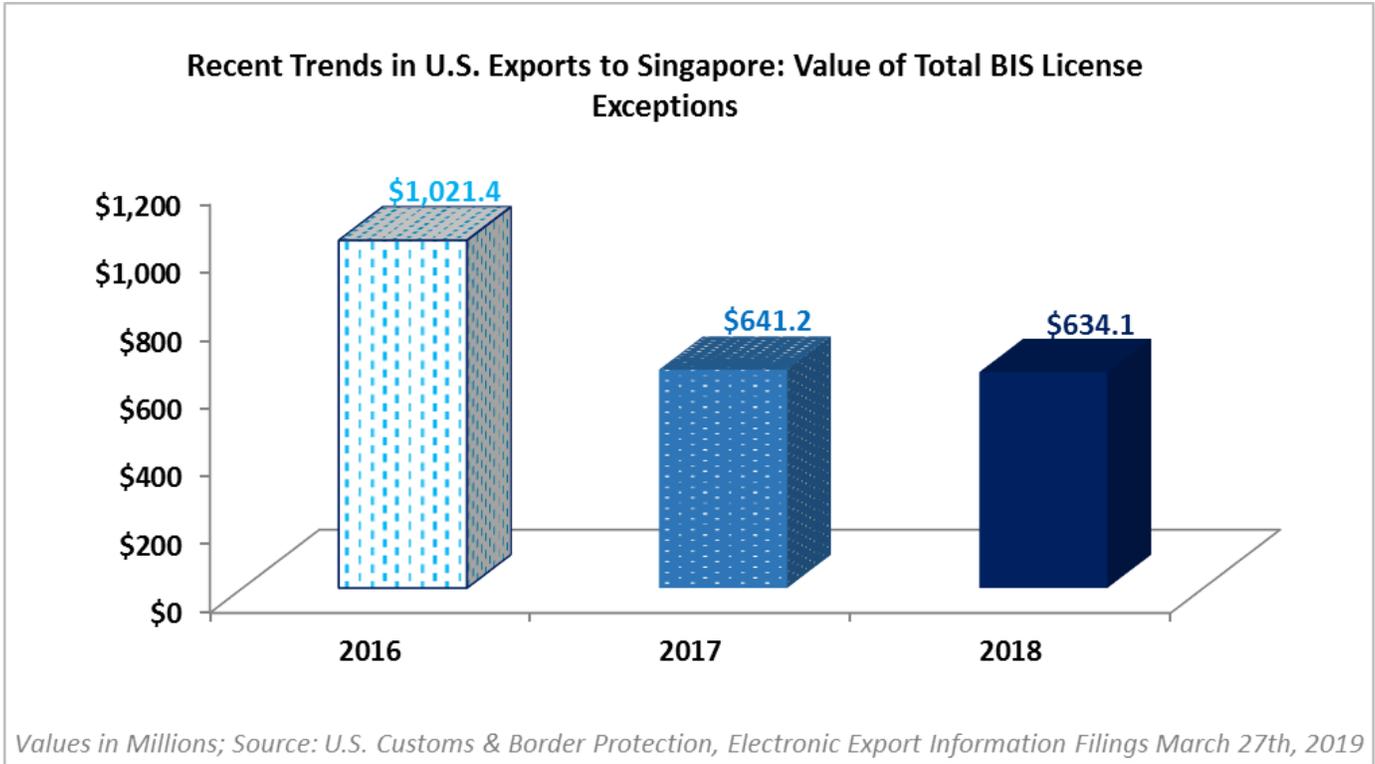


Source: U.S. Customs & Border Protection, Electronic Export Information Filings March 27th, 2019

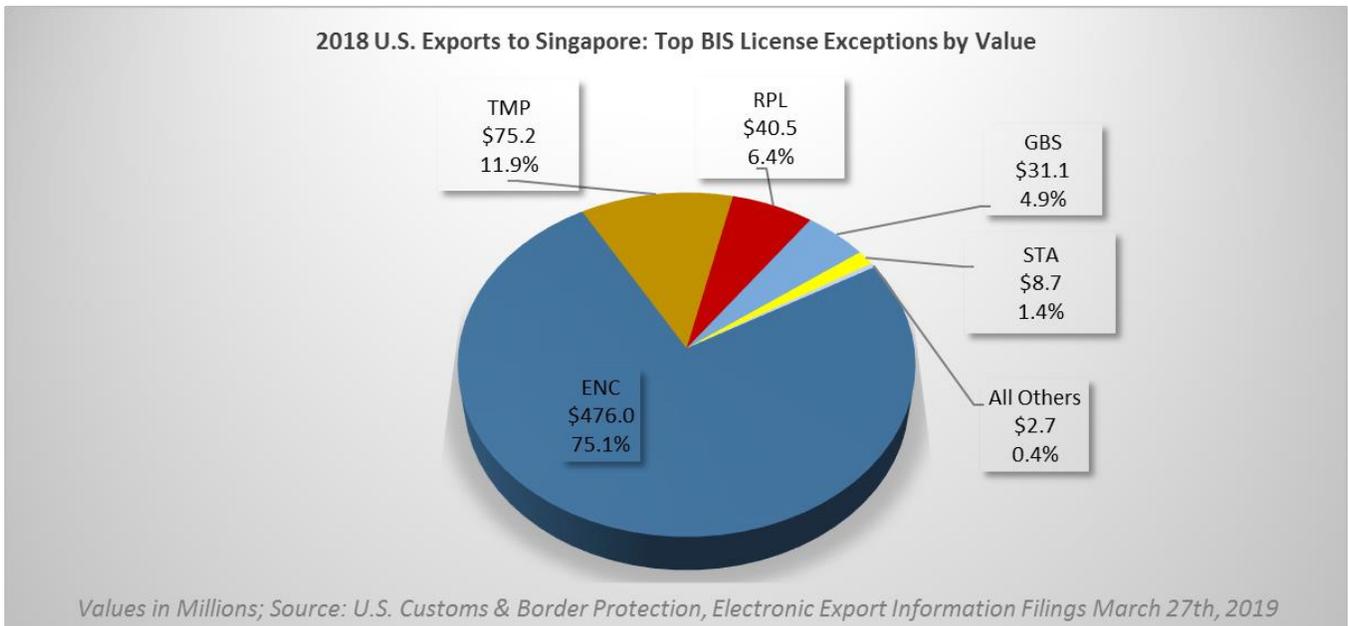


U.S. Exports to Singapore

In 2018, U.S. exports to Singapore shipped under a BIS license exception totaled \$634.1 million, a 1.1% (\$7.1 million) decrease from 2017.



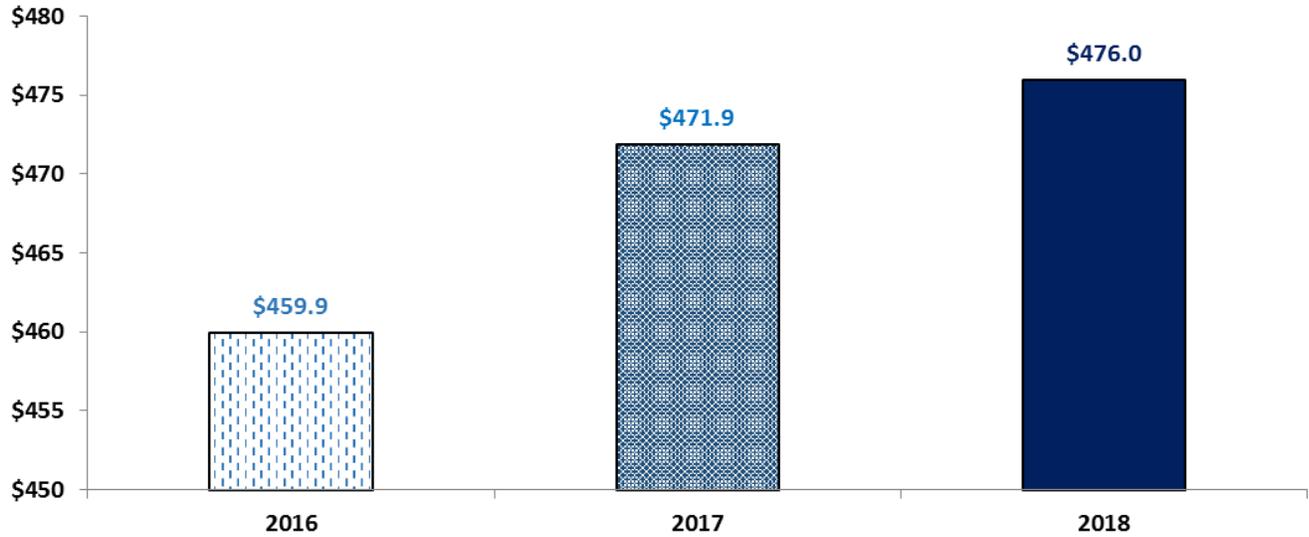
The top license exception Encryption commodities, Software and Technology (ENC) totaled \$476.0 million (75.0% of all license exceptions).





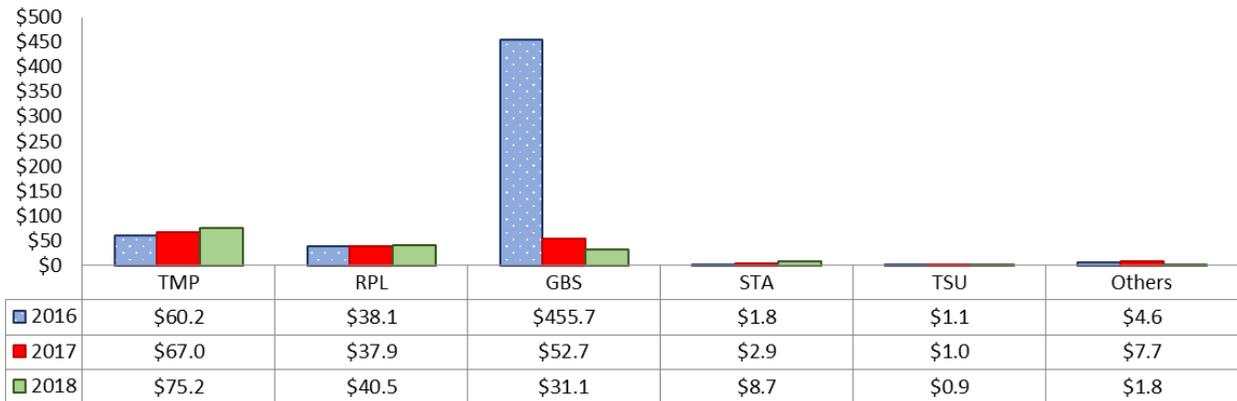
U.S. Exports to Singapore

Recent Trends in U.S. Exports to Singapore under Top BIS License Exception: Encryption Commodities & Software



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

Trends in U.S. Exports to Singapore under Top 5 BIS License Exceptions excluding: Encryption Commodities & Software



Note: The BIS License Exception for Encryption Commodities & Software is excluded from this chart

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



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

Top Ten ECCNs by Value to Singapore		
LICENSED	#1	9A610 Military Aircraft and Related Commodities
	#2	9A619 Military Gas Turbine Engines and Related Commodities
	#3	6A001 Acoustic Systems, Equipment and "Components"
	#4	2B230 Pressure Transducers
	#5	2B001 Machine tools/Numerical Control Units
	#6	7A103 Instrumentation, Navigation Equip./Systems Not
	#7	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#8	2A983 Explosives Or Detonator Detection Equip.
	#9	3A611 Military Electronics
	#10	2B352 Equip. for Handling Biological Materials

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

Top Ten ECCNs by Value to Singapore		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	2B350 Chemical Manufacturing Facilities and Equip.
	#3	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#4	3A001 Electronic Components
	#5	9A610 Military Aircraft and Related Commodities
	#6	9A619 Military Gas Turbine Engines and Related Commodities
	#7	1C008 Non-Fluorinated Polymeric Substances
	#8	0A606 Ground Vehicles and Related Commodities
	#9	EAR99 Items subject to the EAR that are not elsewhere controlled
	#10	5D002 Information Security software related to encryption

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 Value to Singapore		
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 3B001
	#4	3A991 Electronic Devices and Components
	#5	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#6	5A992 Mass market Encryption Commodities not controlled by 5A002
	#7	5A991 Telecommunication Equip. Not Controlled by 5A001
	#8	4A994 Computers Not Controlled By 4A001 or 4A003
	#9	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#10	9A001 Aero Gas Turbine Engines

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 Singapore by Top Ten Export Control Classification Numbers (ECCN)

Top Ten ECCNs by Count to Singapore		
LICENSED	#1	9A610 Military Aircraft and Related Commodities
	#2	2B230 Pressure Transducers
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	7A002 Gyros and Angular Rate Sensors, ...
	#5	2B350 Chemical Manufacturing Facilities and Equip.
	#6	7A103 Instrumentation, Navigation Equip./Systems Not
	#7	2A983 Explosives Or Detonator Detection Equip.
	#8	3A001 Electronic Components
	#9	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#10	1C230 Beryllium Metal, Alloys Containing More Than 50% Beryllium

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

Top Ten ECCNs by Count to Singapore		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	Information Security software related to encryption
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	9A610 Military Aircraft and Related Commodities
	#5	EAR99 Items subject to the EAR that are not elsewhere controlled
	#6	3A001 Electronic Components
	#7	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101 ...
	#8	3B001 Epitaxial Equip. for Semiconductors
	#9	1C008 Non-Fluorinated Polymeric Substances
	#10	7A103 Instrumentation, Navigation Equip./Systems Not

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 Singapore		
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 3B001
	#4	5A992 Mass market Encryption Commodities not controlled by 5A002
	#5	5A991 Telecommunication Equip. Not Controlled by 5A001
	#6	4A994 Computers Not Controlled By 4A001 or 4A003
	#7	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#8	2B999 Specific Processing Equip., N.E.S.
	#9	3A991 Electronic Devices and Components
	#10	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002

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 Singapore

In 2018, BIS reviewed 840 export/re-export applications (not including deemed export applications) valued at \$2.6 billion for Singapore, out of a total of 33,844 applications worldwide valued at \$81.3 billion.

– Approved applications for Singapore totaled 755 (89.9% of the total applications) for \$2.6 billion, compared to the 29,032 (85.8%) approved applications for all destinations that totaled \$64.3 billion.

In 2018, BIS reviewed four deemed applications from Singapore nationals, out of a total of 1,007 applications worldwide.

– Approved deemed exports applications totaled 4 (100%) for Singapore, compared to 846 (91.5%) approved for all destinations.

