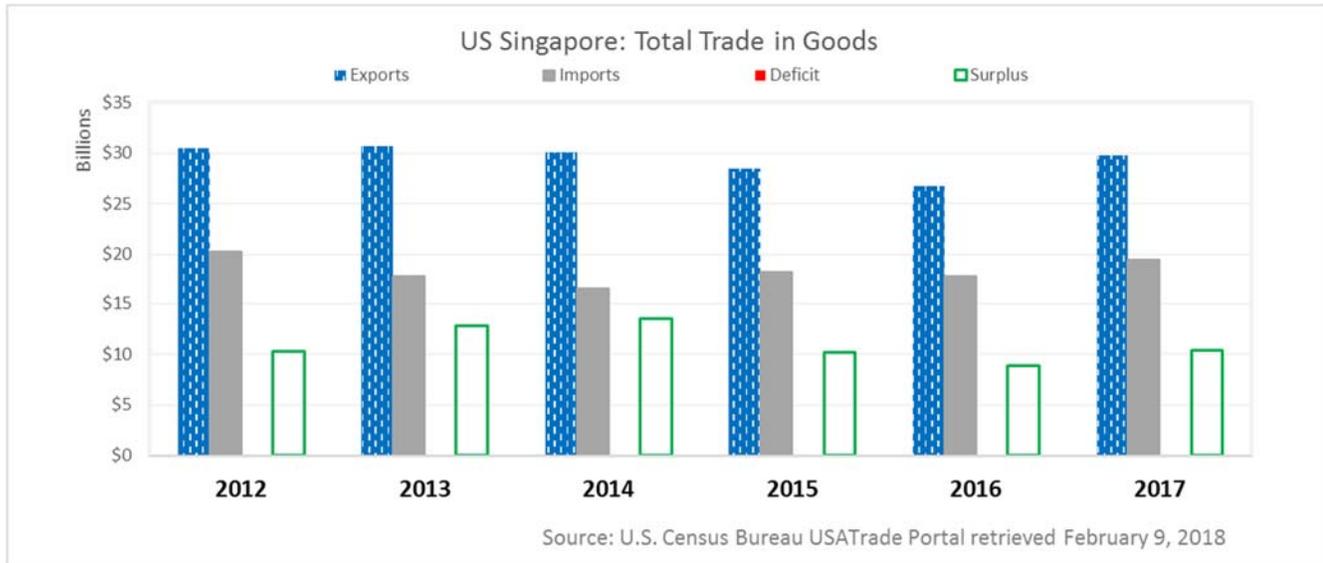




I. Total U.S. Trade in Goods with Singapore

In 2017, U.S. exports to Singapore totaled \$29.8 billion, a 11.3% (\$3.0 billion) increase from 2016; U.S. imports from Singapore totaled \$19.4 billion, 8.8% (\$1.6 billion) increase; and the trade surplus with Singapore was \$10.4 billion, a 16.5% (\$1.5 billion) increase from 2016.



In 2017, **1.9%** of total **U.S. Exports** to the world were exported to Singapore while **0.8%** of total **U.S. Imports** from the world imported from Singapore. The level of US exports to Singapore for 2017 exceeded the preceding five-year average level. The level of U.S. imports from Singapore in 2017 below the preceding five-year average level.

	2012	2013	2014	2015	2016	2017	2012-2016 Average
EXPORTS	\$30,523.2	\$30,665.0	\$30,067.8	\$28,474.3	\$26,724.9	\$29,753.1	\$29,291.1
Δvalue	--	\$141.8	-\$597.2	-\$1,593.5	-\$1,749.5	\$3,028.2	
Δpct	--	0.5%	-1.9%	-5.3%	-6.1%	11.3%	
IMPORTS	\$20,231.9	\$17,842.9	\$16,501.5	\$18,267.2	\$17,833.4	\$19,396.8	\$18,135.4
Δvalue	--	-\$2,389.0	-\$1,341.3	\$1,765.7	-\$433.8	\$1,563.4	
Δpct	--	-11.8%	-7.5%	10.7%	-2.4%	8.8%	
BALANCE	\$10,291.3	\$12,822.2	\$13,566.3	\$10,207.1	\$8,891.5	\$10,356.2	\$11,155.7
Δvalue	--	\$2,530.8	\$744.1	(\$3,359.2)	(\$1,315.7)	\$1,464.8	
Δpct	--	24.6%	5.8%	-24.8%	-12.9%	16.5%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USATrade Portal February 9, 2018



In 2017, of the \$29.8 billion in U.S. exports to Singapore, the top commodity sectors were Machinery and Mechanical Appliances (32.4%), Transportation Equipment (16.3%) and Chemicals, Plastics, Leather products (15.8%).

In 2017, of the \$19.4 billion in U.S. imports from Singapore, the top commodity sectors were Machinery and Mechanical Appliances (33.1%), Chemicals, Plastics, and Leather products (30.6%) and Special Items (14.6%).

Imports from Singapore by Sector	Singapore Commodity Trade 2017	US exports to Singapore by Sector
\$19,396,843,584	Total Value All Commodities	\$29,753,083,529
0.5%	Agriculture (Chapters 01-24)	2.7%
4.0%	Minerals (Chapters 25-27)	12.5%
30.6%	Chemicals, Plastics, Leather (Chapters 28-43)	15.8%
0.2%	Wood Products (Chapters 44-49)	0.4%
0.1%	Textiles and Footwear (Chapters 50-67)	0.4%
1.4%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	2.8%
0.5%	Base metals (Chapters 72-83)	1.9%
33.1%	Machinery (Chapters 84-85)	32.4%
1.0%	Transportation (Chapters 86-89)	16.3%
13.7%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	9.8%
0.1%	Arms & Ammunition (Chapter 93)	0.2%
0.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.5%
0.0%	Art & Antiques (Chapter 97)	0.2%
14.6%	Special Items (Chapters 98-99** Imports only 99)	4.2%

Source: U.S. Census Bureau USATrade Portal retrieved February 10, 2018

In 2017, U.S. exported \$2.9 billion worth of Optical, Measuring, Medical or Other Instruments to Singapore, representing 3.4% of total U.S. exports to the world; U.S. imported \$2.7 billion worth of same commodities from Singapore, representing 2.9% of total U.S. imports from the world for the sectors.

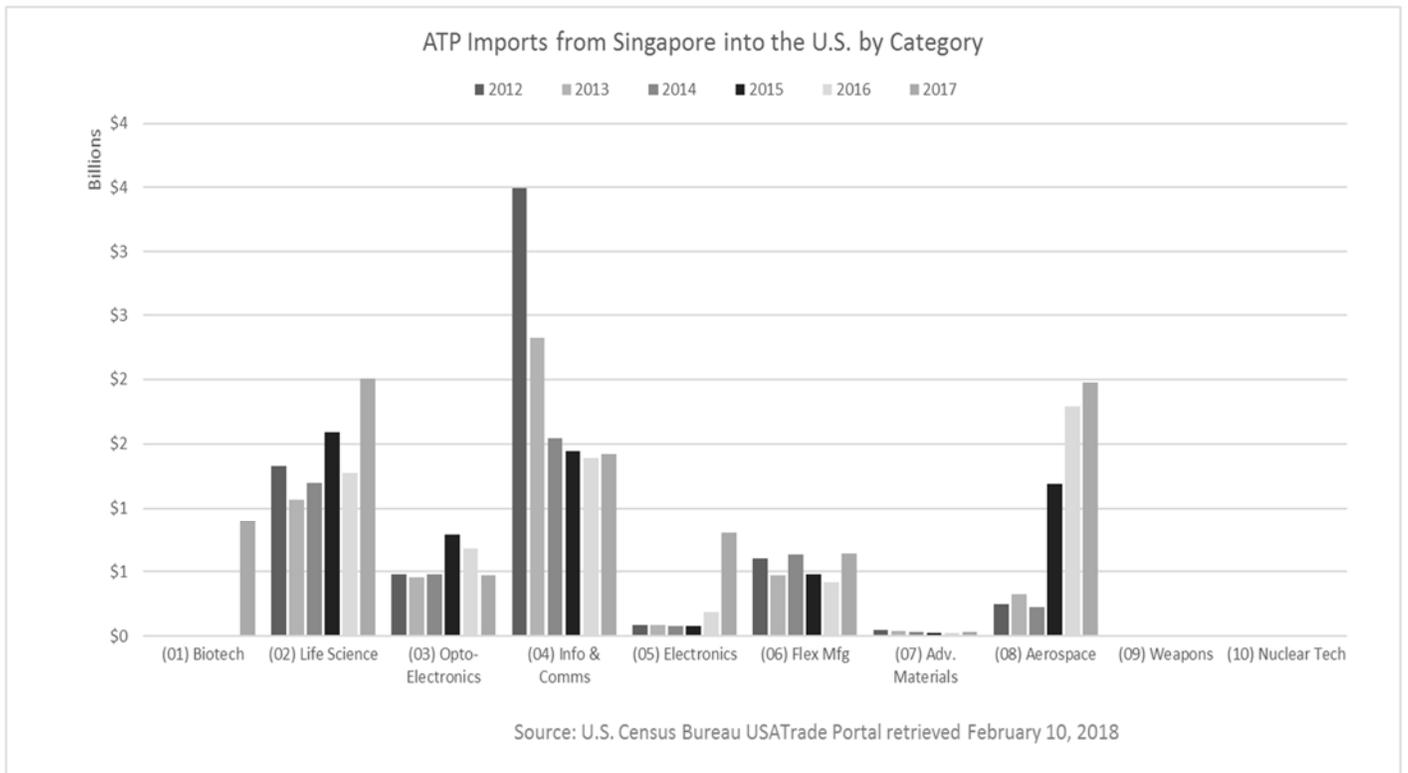


Office of Technology Evaluation U.S. Advanced Technology Product Trade with Singapore

In 2017, 1.8% of total U.S. ATP¹ Exports were exported to Singapore.



In 2017, 3.1% of total U.S. ATP Imports were imported to Singapore.



¹ Advanced Technology Product (ATP): about 500 of some 22,000 commodities classification codes contain products from a recognized high technology category (e.g., biotechnology).



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

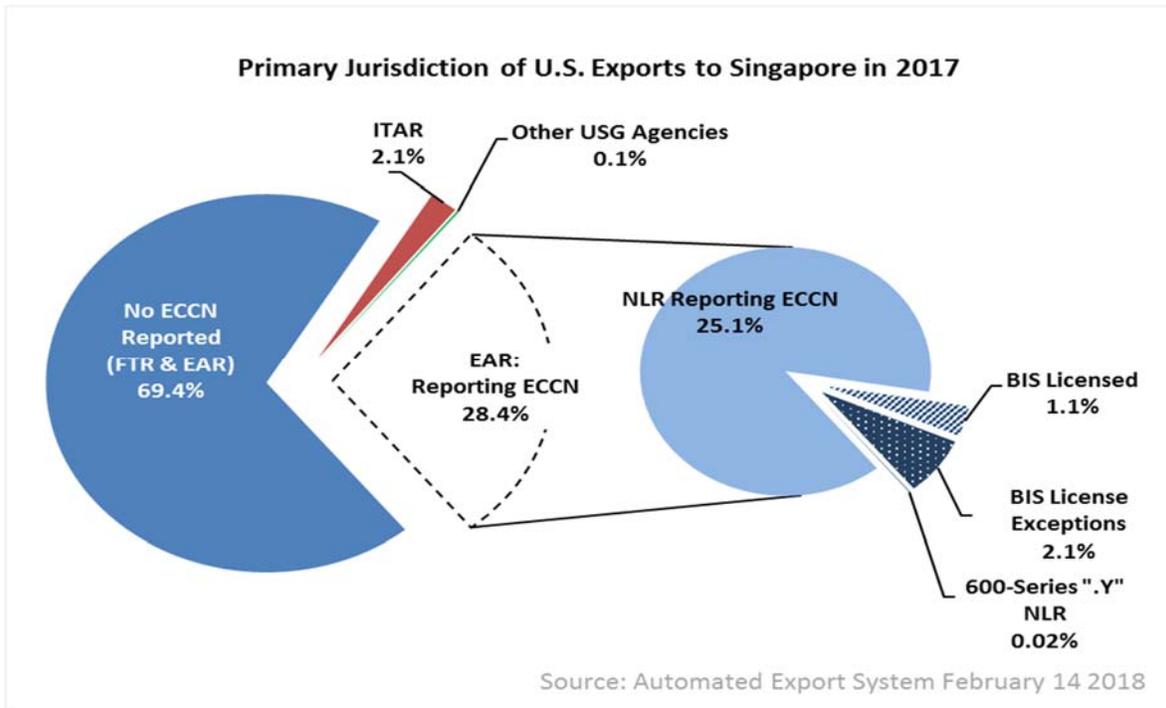
In 2017, of the \$29.8 billion in U.S. exports to Singapore:

- 3.3% were subject to a BIS license requirement.
 - 1.1% were exported under a BIS license.
 - 2.1% were exported under a BIS license exception.
- 25.1% were exported under No License Required with an ECCN and .y 600-series

		Singapore		
		2015	2016	2017
	Department of State	\$548.1	\$916.9	\$623.1
	Other USG Agencies	\$19.8	\$90.4	\$42.9
	Department of Commerce	\$27,906.5	\$25,717.6	\$29,087.1
	BIS Licensed	\$220.4	\$174.0	\$329.2
	BIS License Exceptions	\$780.5	\$1,021.5	\$638.9
	NLR reporting an ECCN	\$7,157.2	\$6,400.1	\$7,462.7
	NLR not reporting an ECCN	\$19,745.4	\$18,117.8	\$20,649.5
	600-Series ".Y" Paragraph NLR	\$3.1	\$4.2	\$6.7

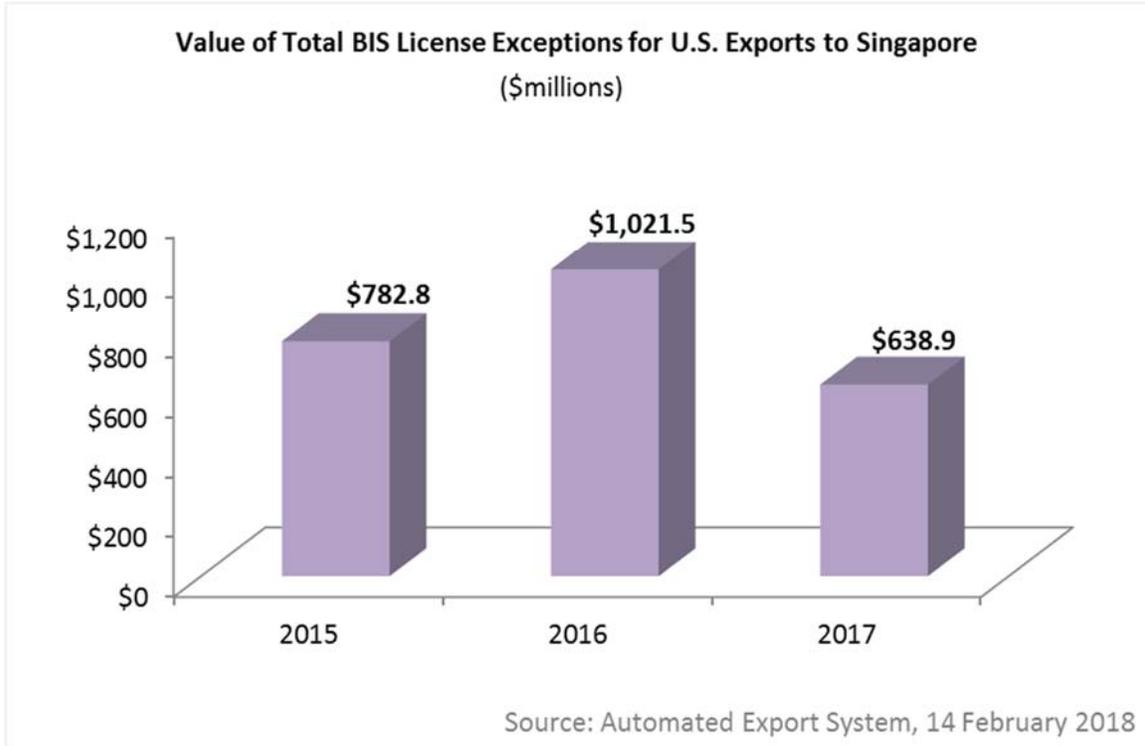
Values in Millions of U.S. Dollars. Source: Automated Export System Friday, February 9, 2018

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		

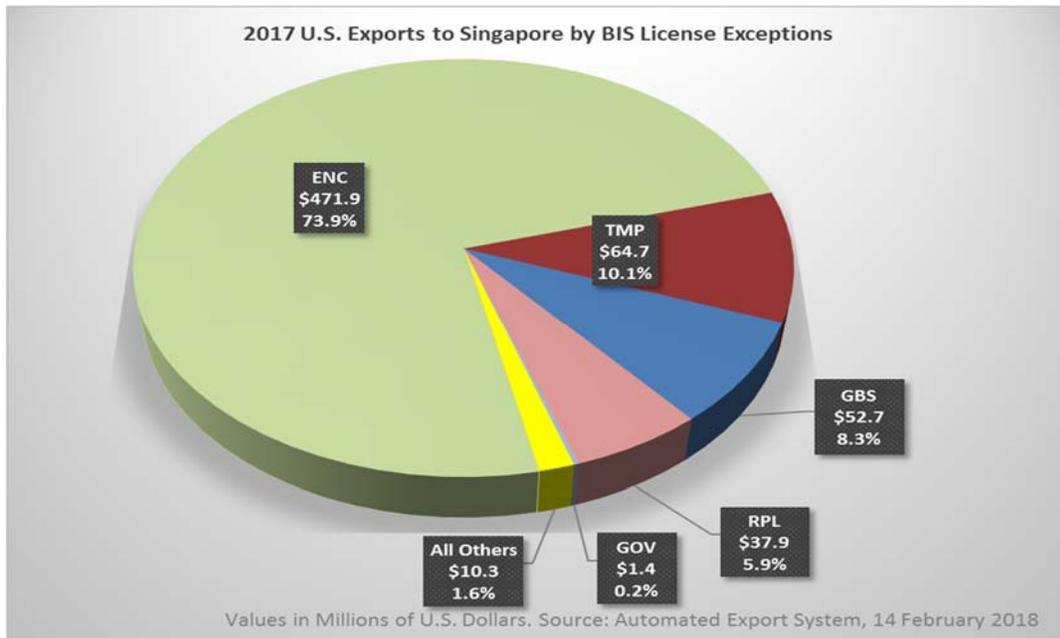




In 2017, U.S. exports to Singapore shipped under a BIS license exception totaled \$638.9 million, a 6.8% (\$382.6 million) decrease from 2016.

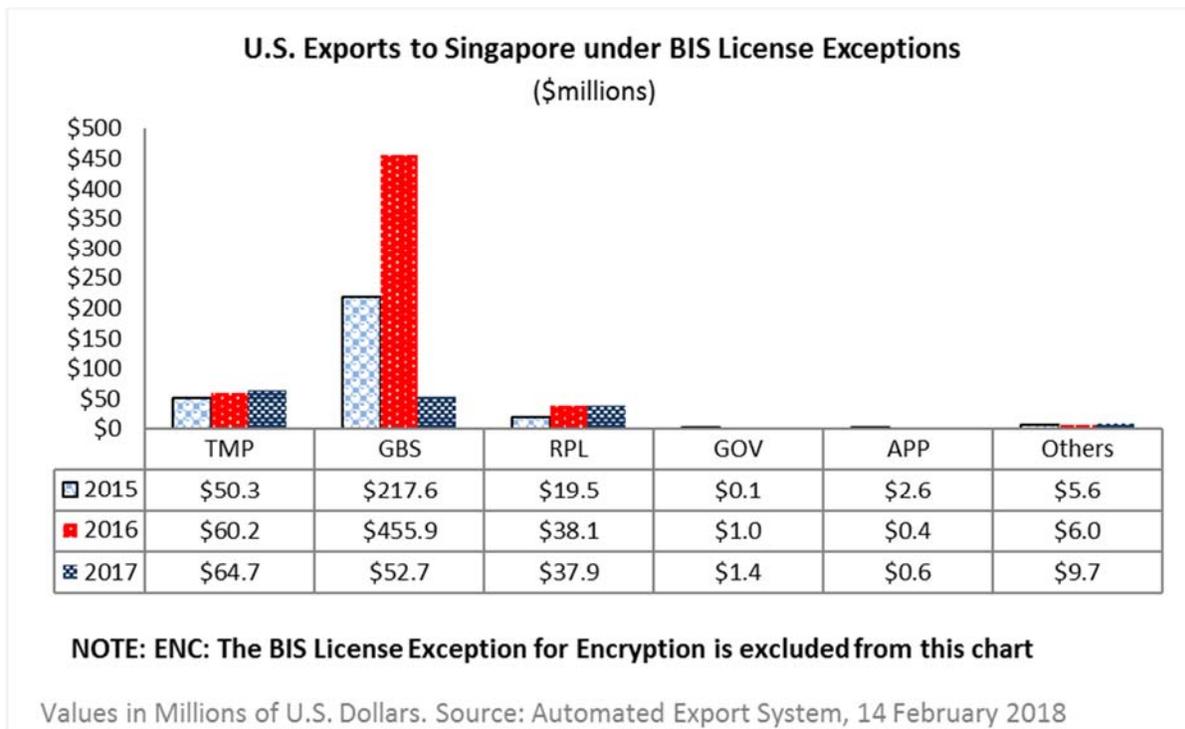
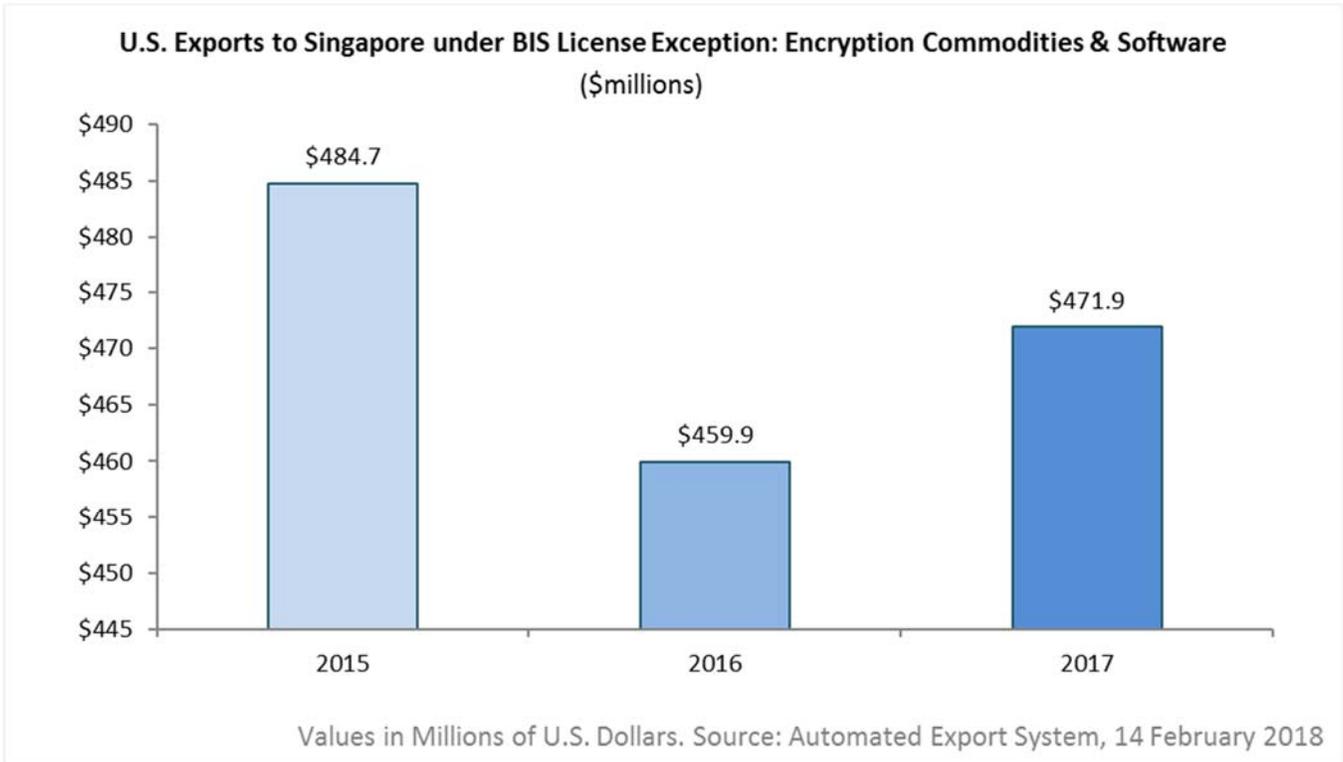


In 2017, the top license exception Encryption commodities, Software and Technology (ENC) totaled \$471.9 million (73.9% of all license exceptions).





In 2017, U.S. exports to Singapore under BIS license exception Encryption Commodities & Software (ENC) increased from \$459.9 million in 2016 to \$471.9 million.





Top Ten ECCNs by Value to Singapore		
LICENSED	#1	6A001 Acoustics
	#2	9A610 Military Aircraft and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	9A001 Aero Gas Turbine Engines
	#5	2A983 Explosives Or Detonator Detection Equip.
	#6	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#7	2B230 Pressure Transducers
	#8	1C350 Chemicals, Precursors for toxic Chemical Agents
	#9	0A606 Ground Vehicles and Related Commodities
	#10	1C008 Non-Fluorinated Polymeric Substances

Source: Automated Export System, March 15, 2018

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	3A001 Electronic Devices/Components
	#4	9A610 Military Aircraft and Related Commodities
	#5	8A002 Systems Or Equip. for Submersible Vehicles
	#6	3B001 Epitaxial Equip. for Semiconductors
	#7	9A619 Military Gas Turbine Engines and Related Commodities
	#8	EAR99 Items subject to the EAR that are not elsewhere controlled
	#9	7A994 Other "Software" as Follows (See List of Items Controlled).
	#10	8A001 Submersible Vehicles Or Surface Vessels

Source: Automated Export System, March 15, 2018

Top Ten ECCNs by Value to Singapore		
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	3A991 Electronic Devices and Components
	#4	5A992 Information Security Equip.
	#5	5A991 Transmission Items Not W/I Parameters In 5A001
	#6	4A994 Items Not Controlled By 4A001/4A002/4A003
	#7	7A994 Other "Software" as Follows (See List of Items Controlled).
	#8	3B992 Equip. for the Inspection/Testing of Components
	#9	9A001 Aero Gas Turbine Engines
	#10	3A999 Specific Processing Equip., N.E.S.

Source: Automated Export System, March 15, 2018



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	2B350	Chemical Manufacturing Facilities and Equip.
	#5	7A002	Gyros and Specially Designed Components
	#6	7A103	Instrumentation, Navigation Equip./Systems Not
	#7	3A611	Military Electronics
	#8	2A983	Explosives Or Detonator Detection Equip.
	#9	3A001	Electronic Devices/Components
	#10	1C350	Chemicals, Precursors for toxic Chemical Agents

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to Singapore by Shipment Count			
EXCEPTIONS	#1	5A002	Systems/Equip./Integrated Circuits for Info Sec
	#2	5D002	Software for Information Security
	#3	3B001	Epitaxial Equip. for Semiconductors
	#4	9A619	Military Gas Turbine Engines and Related Commodities
	#5	9A610	Military Aircraft and Related Commodities
	#6	3A001	Electronic Devices/Components
	#7	EAR99	Items subject to the EAR that are not elsewhere controlled
	#8	7A994	Other "Software" as Follows (See List of Items Controlled).
	#9	7A002	Gyros and Specially Designed Components
	#10	7A103	Instrumentation, Navigation Equip./Systems Not

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to Singapore 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	5A992	Information Security Equip.
	#4	5A991	Transmission Items Not W/I Parameters In 5A001
	#5	4A994	Items Not Controlled By 4A001/4A002/4A003
	#6	7A994	Other "Software" as Follows (See List of Items Controlled).
	#7	3A991	Electronic Devices and Components
	#8	2B999	Specific Processing Equip., N.E.S.
	#9	3B992	Equip. for the Inspection/Testing of Components
	#10	3A999	Specific Processing Equip., N.E.S.

Source: Automated Export System, March 15, 2018



II. BIS Licensing to Singapore

In 2017, BIS reviewed 865 export/re-export applications (not including deemed export applications) valued at \$1.5 billion for Singapore, out of a total of 34,926 applications worldwide valued at \$570.8 billion for tangible items, software and technology.

- Approved applications for Singapore totaled 775 (89.6% of the total applications) for \$1.2 billion, compared to the 29,655 (84.9%) approved applications for all destinations that totaled \$318.1 billion.
- Approved deemed applications for Singapore totaled six compare to 1,406 worldwide.

