



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

In 2017, U.S. exports to China totaled \$130.4 billion, a 12.8% (\$14.8 billion) increase from 2016; U.S. imports from China totaled \$505.6 billion, a 9.3% (\$43.0 billion) increase; and the trade deficit was \$375.2 billion, an 8.1% (\$28.2 billion) increase



In 2017, 8.4% of total *U.S. exports* were exported to China while 21.6% of total *U.S. Imports* were imported from China. In 2017, the level of U.S. exports to China is above the preceding five-year level by value not adjusted for inflation. In 2017, the level of U.S. imports from China is above the preceding five-year average level by value not adjusted for inflation. In 2017, the U.S. trade balance with China is negative but slightly below the five-year average level by value not adjusted for inflation.

	2012	2013	2014	2015	2016	2017	2012-2016 Average
EXPORTS	\$110,516.6	\$121,746.2	\$123,657.2	\$115,932.0	\$115,602.1	\$130,369.5	\$117,490.8
Δvalue	--	\$11,229.6	\$1,911.0	-\$7,725.2	-\$329.9	\$14,767.5	
Δpct	--	10.2%	1.6%	-6.2%	-0.3%	12.8%	
IMPORTS	425,619.1	440,430.0	468,474.9	483,188.7	462,618.1	505,597.1	\$456,066.2
Δvalue	--	14,810.9	28,044.9	14,713.8	-20,570.6	42,979.0	
Δpct	--	3.5%	6.4%	3.1%	-4.3%	9.3%	
BALANCE	(\$315,102.5)	(\$318,683.8)	(\$344,817.7)	(\$367,256.7)	(\$347,016.0)	(\$375,227.5)	(\$338,575.3)
Δvalue	--	(\$3,581.4)	(\$26,133.9)	(\$22,439.0)	\$20,240.7	(\$28,211.5)	
Δpct	--	1.1%	8.2%	6.5%	-5.5%	8.1%	

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



In 2017, of the \$130.4 billion in U.S. exports to China, the top commodity sectors were Transportation Equipment (22.6%); Machinery and Mechanical Appliances (19.2%), and Agriculture products (14.5%).

In 2017, of the \$505.6 billion in U.S. imports from China, the top commodity sectors were Machinery and Mechanical Appliances (50.8%) and Textiles and Footwear (11.3%).

Imports from China by Sector	China Commodity Trade 2017	US exports to China by Sector
\$505,597,064,950	Total Value All Commodities	\$130,369,529,598
1.4%	Agriculture (Chapters 01-24)	14.5%
0.2%	Minerals (Chapters 25-27)	7.7%
8.4%	Chemicals, Plastics, Leather (Chapters 28-43)	14.4%
1.9%	Wood Products (Chapters 44-49)	5.8%
11.3%	Textiles and Footwear (Chapters 50-67)	1.5%
2.0%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	1.5%
5.0%	Base metals (Chapters 72-83)	4.6%
50.8%	Machinery (Chapters 84-85)	19.2%
3.1%	Transportation (Chapters 86-89)	22.6%
2.6%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	6.8%
0.0%	Arms & Ammunition (Chapter 93)	0.0%
12.0%	Miscellaneous Manufactured Items (Chapters 94-96)	0.4%
0.1%	Art & Antiques (Chapter 97)	0.1%
1.2%	Special Items (Chapters 98-99** Imports only 99)	0.9%

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

China maintains significant shares of the U.S. – World Trade. In 2017, 8.4% of the total U.S. exports of \$1.5 trillion to the world were exported to China and 21.6% of the total U.S. Imports from the world were imported from China.

Exports

In 2017, U.S. exported \$7.5 billion worth of Wood products, representing 19.3% of the total U.S. exports to the world of those commodities. The U.S. also exported \$29.5 billion worth of Transportation Equipment, representing 11.1% of the total U.S. exports to the world of those commodities.

Imports

In 2017, U.S. imported \$57.0 billion worth of Textiles and Footwear from China, representing 40.5% of the total U.S. imports from the world of those commodities. The U.S. also imported \$256.6 billion worth of Machinery and mechanical appliances from China, representing 37.0% of the total U.S. imports from the world of those commodities. Lastly, the U.S. imported \$7.6 billion worth of Miscellaneous Manufactured Items from China, representing 60.4% of the total US imports from the world of those commodities.



II. Exports to China subject to US Government Filing Requirements

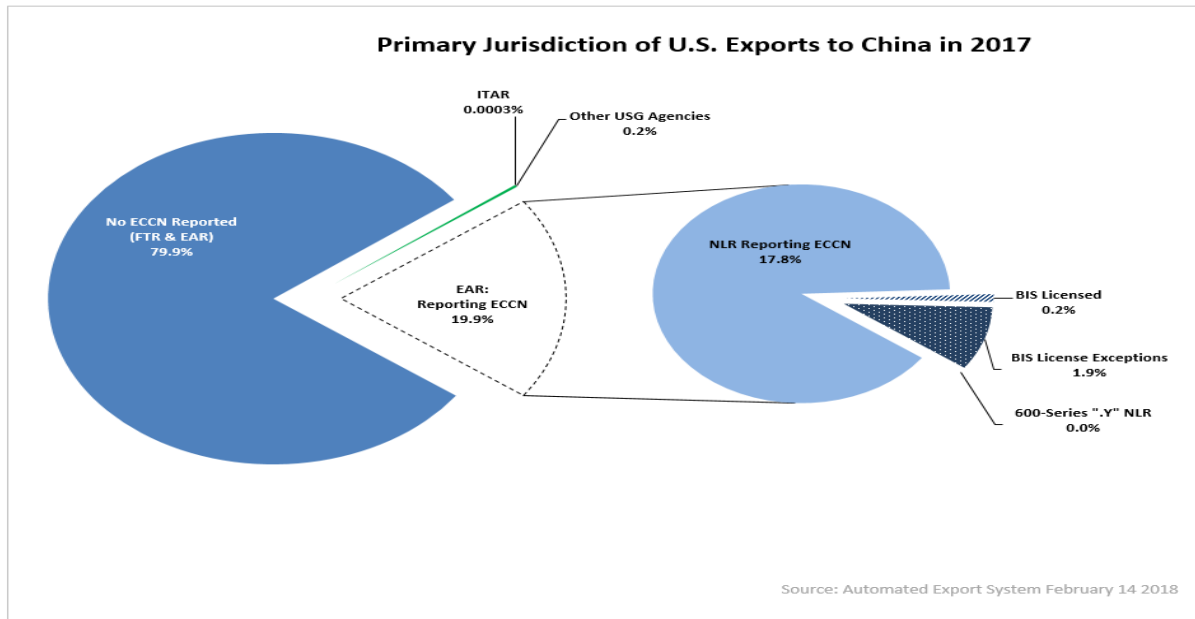
In 2017, of the \$130.4 billion in U.S. exports to China:

- 2.1% were subject to a BIS license requirement;
 - 0.2% were exported under a BIS license;
 - 1.9% were exported under a BIS license exception.
- 17.8% were exported under No License Required with an ECCN.

China			
	2015	2016	2017
Department of State	\$0.3	\$0.7	\$0.4
Other USG Agencies	\$286.9	\$450.0	\$287.7
Department of Commerce	\$115,644.7	\$115,151.4	\$130,081.4
BIS Licensed	\$477.9	\$302.2	\$299.0
BIS License Exceptions	\$3,850.4	\$4,003.0	\$2,451.5
NLR reporting an ECCN	\$20,538.4	\$20,732.8	\$23,205.8
NLR not reporting an ECCN	\$90,778.0	\$90,113.5	\$104,125.1
600-Series ".Y" Paragraph NLR	\$0.0	\$0.0	\$0.0

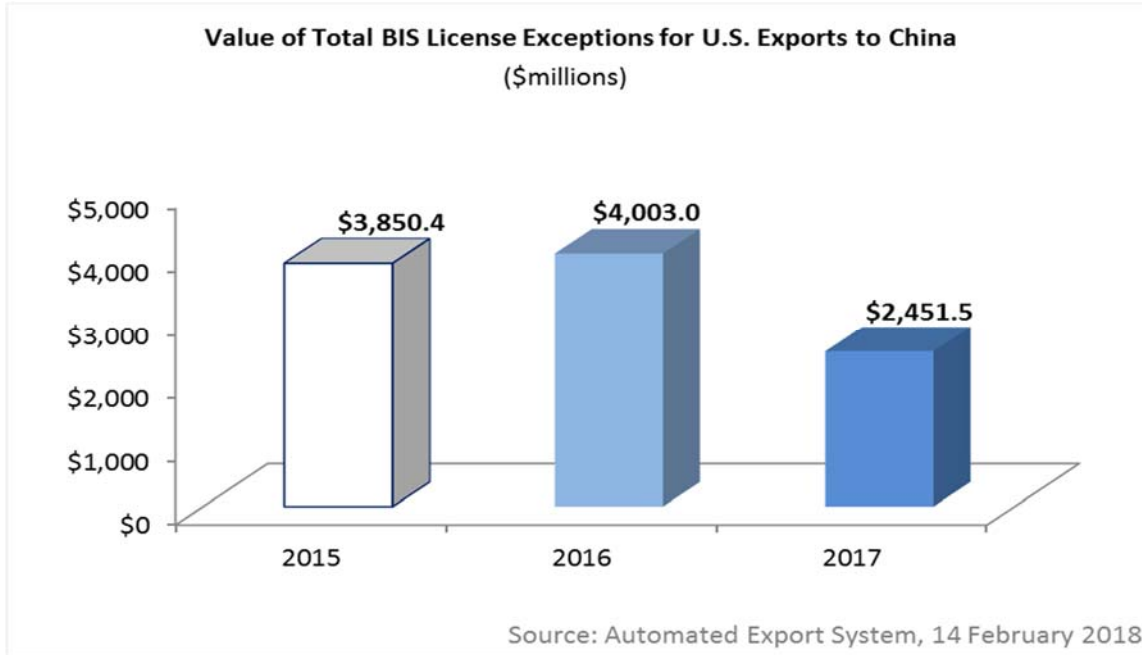
Values in Millions of U.S. Dollars. Source: Automated Export System Friday, February 09, 2018

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
China	X	X	X	X		X	X	X	X	X		X		X		

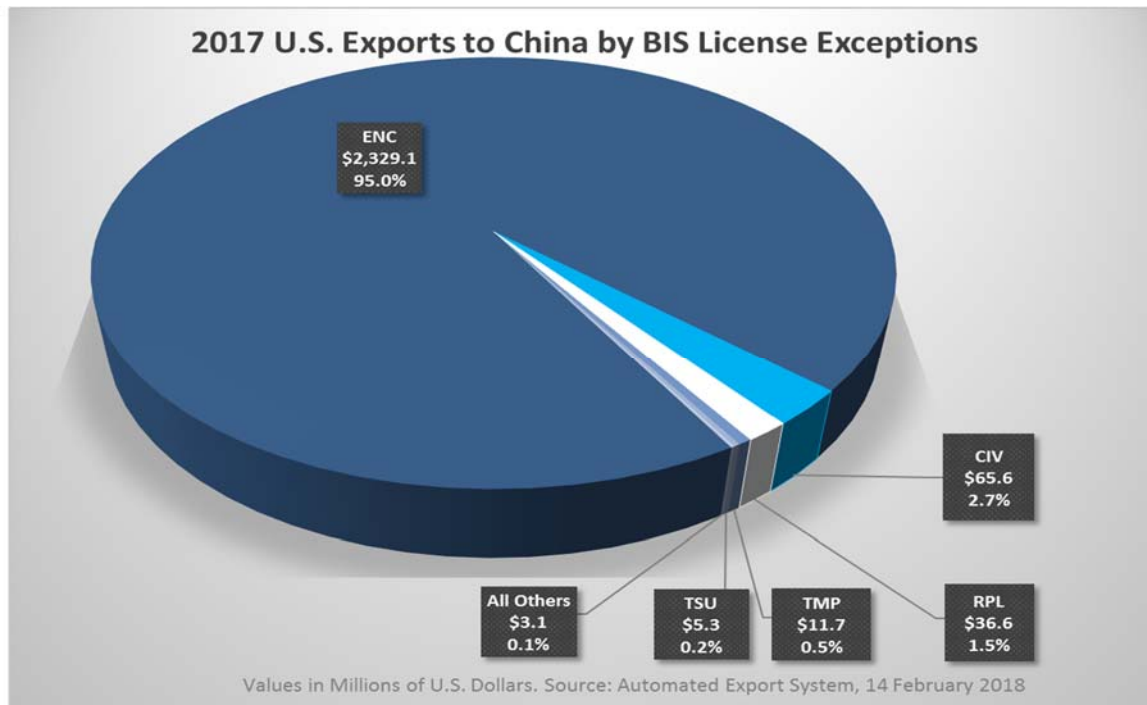




In 2017, U.S. exports to China shipped under a BIS license exception totaled \$2.45 billion, a 38.8% (\$1.55 billion) decrease from 2016.

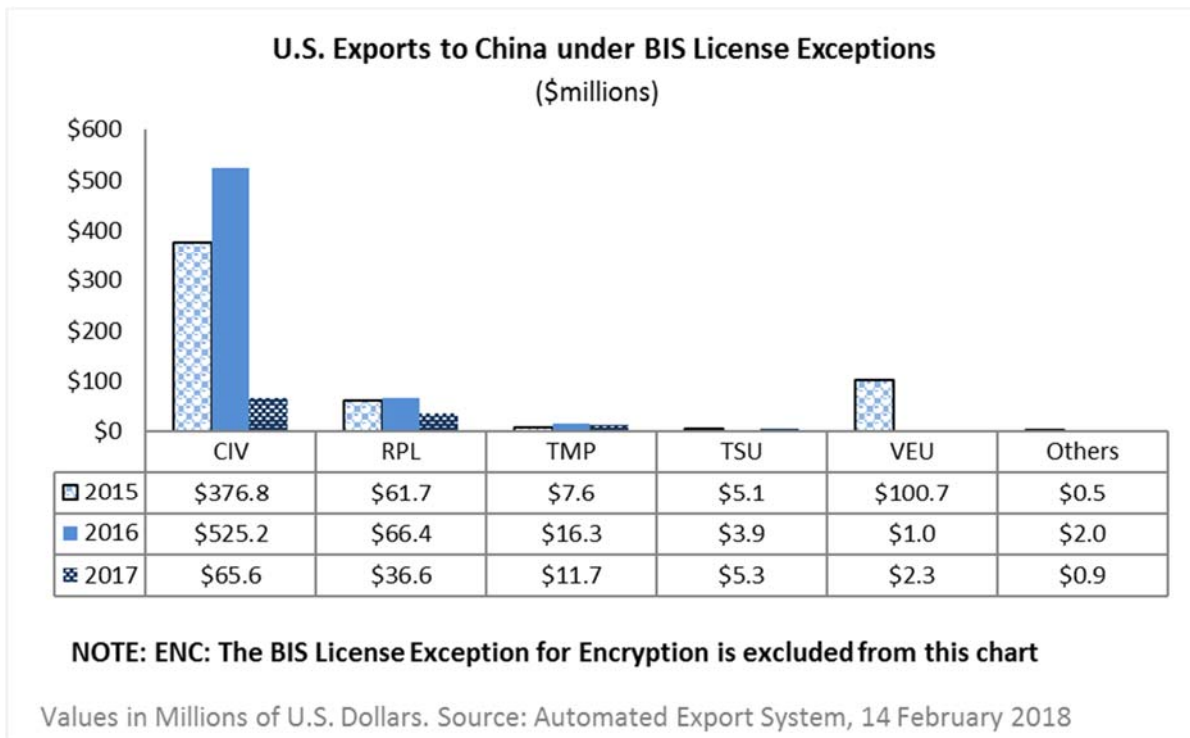


The top license exception Encryption commodities, Software and Technology (ENC) totaled \$2.32 billion (95.0% of all license exceptions).





The U.S. exports to China under Civil End-users (CIV) decreased significantly from \$525.2 million in 2016 to \$65.6 million in 2017.





Top Ten ECCNs by Value to China		
LICENSED	#1	3A233 Mass Spectrometers
	#2	2B001 Numerical Control Units/Motion Control Boards
	#3	2B352 Equip. for Handling Biological Materials
	#4	2B350 Chemical Manufacturing Facilities and Equip.
	#5	3C002 Resist Materials
	#6	6A005 Optical Equip. (Lasers)
	#7	3C004 Hydrides of Phosphorus, Arsenic, Or Antimony
	#8	3A001 Electronic Devices/Components
	#9	7A103 Instrumentation, Navigation Equip./Systems Not
	#10	2B230 Pressure Transducers

Source: Automated Export System, March 15, 2018

Top Ten ECCNs by Value to China		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	3B001 Epitaxial Equip. for Semiconductors
	#3	9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#4	5B002 No ECCN Reported for TMP*
	#5	5D002 Software for Information Security
	#6	1C006 Fluids and Lubricating Materials
	#7	7A103 Instrumentation, Navigation Equip./Systems Not
	#8	6C004 Optical Materials as Follows (See List of Items Controlled).
	#9	N/A No ECCN Reported for TMP*
	#10	3A001 Electronic Devices/Components

*note: No ECCN is required for license exception TMP as per EAR 758.1(g)(2)

Source: Automated Export System, March 15, 2018

Top Ten ECCNs by Value to China		
NLR with ECCN	#1	9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#2	5A992 Information Security Equip.
	#3	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#4	5A991 Transmission Items Not W/I Parameters In 5A001
	#5	3A991 Electronic Devices and Components
	#6	3B992 Equip. for the Inspection/Testing of Components
	#7	3A999 Specific Processing Equip., N.E.S.
	#8	4A994 Items Not Controlled By 4A001/4A002/4A003
	#9	6A995 "Lasers" as Follows (See List of Items Controlled).
	#10	7A994 Other "Software" as Follows (See List of Items Controlled).

Source: Automated Export System, March 15, 2018



Top Ten ECCNs to China by Shipment Count		
LICENSED	#1	2B230 Pressure Transducers
	#2	2B350 Chemical Manufacturing Facilities and Equip.
	#3	3A233 Mass Spectrometers
	#4	6A005 Optical Equip. (Lasers)
	#5	3A001 Electronic Devices/Components
	#6	2B352 Equip. for Handling Biological Materials
	#7	1C350 Chemicals, Precursors for toxic Chemical Agents
	#8	3C004 Hydrides of Phosphorus, Arsenic, Or Antimony
	#9	1A004 Protective and Detection Equip.
	#10	3C002 Resist Materials

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to China by Shipment Count		
EXCEPTIONS	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#3	5D002 No ECCN Reported for license exception TMP
	#4	7A103 Instrumentation, Navigation Equip./Systems Not
	#5	EAR99 Items subject to the EAR that are not elsewhere controlled
	#6	3B001 Epitaxial Equip. for Semiconductors
	#7	2B230 Pressure Transducers
	#8	5B002 Test/Inspection/Production Equip for Information S
	#9	1C006 Fluids and Lubricating Materials
	#10	3A001 Electronic Devices/Components

Source: Automated Export System, March 15, 2018

Top Ten ECCNs to China by Shipment Count		
NLR with ECCN	#1	5A992 Information Security Equip.
	#2	9A991 Aircraft and Certain Gas Turbine Engines N.E.S.
	#3	5A991 Transmission Items Not W/I Parameters In 5A001
	#4	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#5	3A991 Electronic Devices and Components
	#6	3A992 General Purpose Electronic Equip.
	#7	4A994 Items Not Controlled By 4A001/4A002/4A003
	#8	7A994 Other "Software" as Follows (See List of Items Controlled).
	#9	3A999 Specific Processing Equip., N.E.S.
	#10	3B992 Equip. for the Inspection/Testing of Components

Source: Automated Export System, March 15, 2018



III. BIS Licensing to China

In 2017, BIS reviewed 3,550 export/re-export applications (not including deemed export applications) valued at \$16.2 billion for China, out of 34,926 applications worldwide valued at \$570.8 billion.

- Approved applications for China totaled 2,932 (82.6% of the total applications) for \$15.8 billion, compared to the 29,655 (84.9%) approved applications for all destinations that totaled \$318.1 billion.
- Approved Deemed Export Applications for China totaled 758, compared to 1,406 worldwide.

