



Summary

In 2020, **1.9%** of total *U.S. exports* were shipped to India while **2.2%** of total *U.S. Imports* were delivered from India. In 2020, U.S. exports to India totaled \$27.4 billion, a 20.1% (\$6.9 billion) decrease from 2019; U.S. imports from India totaled \$51.2 billion, a 11.3% (\$6.5 billion) decrease; and the trade deficit was \$23.8 billion, a 1.7% (\$389.1 million) increase.

In 2020, the most traded commodity sectors of U.S.-India trade were Minerals, and Chemicals, Plastics, Leather Products, and Stone, Glass, & Semiprecious Metals, and Textiles & Footwear.

In 2020, \$27.4 million (0.6% of the total exports) was shipped under BIS licenses. The top ECCNs of licensed exports by value are similar to that in 2019. In 2020, the top ECCN was 9A610 for Military aircrafts and related commodities; the next two highest top two ECCNs were 9A515 for Spacecraft and Related Commodities and 7B611 for Test, inspection, and production commodities “specially designed” for military fire control; and the fourth ECCN was 9B619 for Test, inspection, and production “equipment” and related commodities “specially designed” for the “development” or “production” of commodities enumerated or otherwise described in ECCN 9A619 or USML Category XIX.

In 2020, \$339.6 million (1.2% of the total exports) was shipped under BIS license exception authorization. The top ECCNs by value are similar to that in 2019. In 2020, the top ECCNs were 5A002 for Information security systems, equipment and "components"; 3A001 for Electronic Components; and 9A610 for Military aircrafts and related commodities.

In 2020, BIS has processed a total of 1,189 license applications valued at \$0.7 billion for tangible items, software and technology for India. BIS has approved 1,028 (86.5% of the total applications) valued at \$0.6 billion. RWA totaled 155 valued at \$129.2 million. There were 6 denials valued at \$0.5 million.

In 2020, BIS received 103 applications from India nationals for deemed exports and approved 92. There was 11 RWA and no denials.

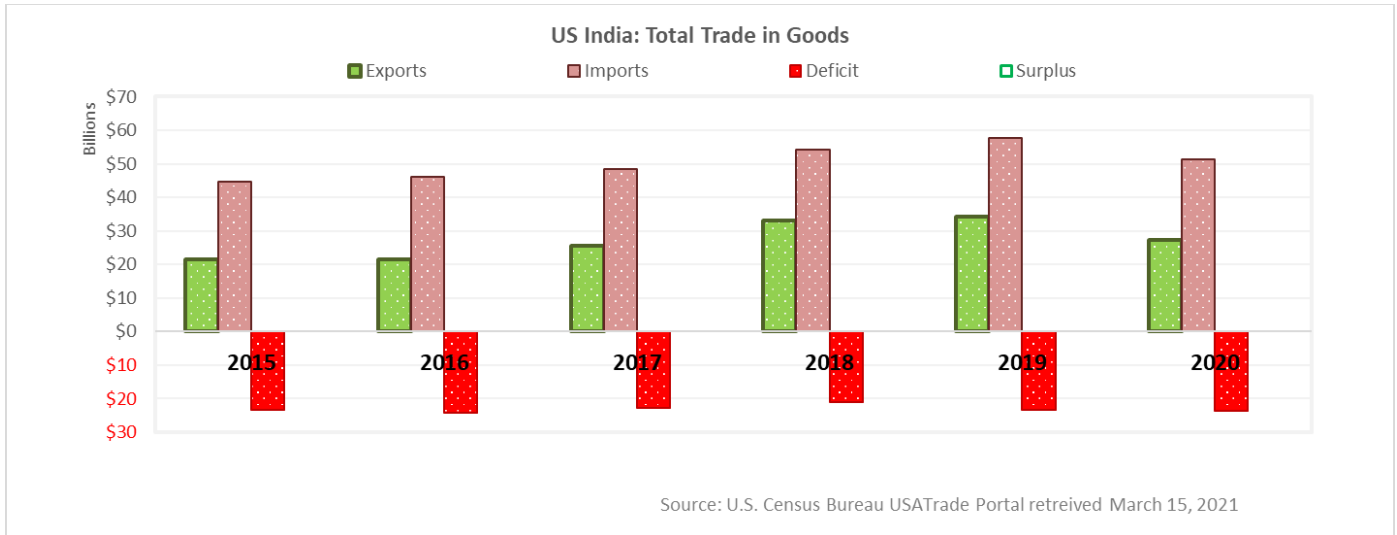
The top approved ECCNs are 9A610 for Military Aircraft and Related Commodities with 133 approvals; 9A515 for Spacecraft and Related Commodities with 104 approvals; 1C351 for Human and Animal Pathogens and toxins with 98 approvals.

In 2020, the average processing time for India is 28 days.



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

In 2020, U.S. exports to India totaled \$27.4 billion, a 20.1% (\$6.9 billion) decrease from 2019; U.S. imports from India totaled \$51.2 billion, a 11.3% (\$6.5 billion) decrease; and the trade deficit was \$23.8 billion, a 1.7% (\$389.1 million) increase.



In 2020, **1.9%** of total *U.S. exports* were shipped to India while **2.2%** of total *U.S. Imports* were delivered from India. In 2020, the level of U.S. exports to India and U.S. imports from India exceeded the prior five year average level by value not adjusted for inflation. The U.S. trade deficit with India exceeded than the prior five year average level by value not adjusted for inflation.

	2015	2016	2017	2018	2019	2020	2015-2019 Average
EXPORTS	\$21,452.9	\$21,647.2	\$25,647.8	\$33,191.1	\$34,287.7	\$27,394.6	\$27,245.3
Δvalue	--	\$194.3	\$4,000.6	\$7,543.2	\$1,096.6	-\$6,893.1	
Δpct	--	0.9%	18.5%	29.4%	3.3%	-20.1%	
IMPORTS	\$44,782.7	\$46,024.2	\$48,549.4	\$54,282.1	\$57,693.7	\$51,189.7	\$50,266.4
Δvalue	--	\$1,241.6	\$2,525.2	\$5,732.7	\$3,411.6	-\$6,504.0	
Δpct	--	2.8%	5.5%	11.8%	6.3%	-11.3%	
BALANCE	(\$23,329.7)	(\$24,377.1)	(\$22,901.6)	(\$21,091.1)	(\$23,406.0)	(\$23,795.1)	(\$23,021.1)
Δvalue	--	(\$1,047.3)	\$1,475.4	\$1,810.6	(\$2,315.0)	(\$389.1)	
Δpct	--	4.5%	-6.1%	-7.9%	11.0%	1.7%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USATrade Portal March 15, 2021



US Trade with India Overall Trends

In 2020, of \$27.4 billion in the U.S. exports to India, the top commodity sectors were Minerals (25.8%), Chemicals, Plastics, Leather Products (16.7%), and Stone, Glass, & Semiprecious Metals (16.2%).

In 2020, of \$51.2 billion in the U.S. imports from India, the top commodity sectors were Chemicals, Plastics, Leather Products (26.9%), Stone, Glass, & Semiprecious Metals (18.3%), and Textiles and Footwear (14.8%).

Imports from India by Sector	India Commodity Trade 2020	US exports to India by Sector
\$51,189,682,760	Total Value All Commodities	\$27,394,588,267
9.6%	Agriculture (Chapters 01-24)	5.8%
3.6%	Minerals (Chapters 25-27)	25.8%
26.9%	Chemicals, Plastics, Leather Products (Chapters 28-43)	16.7%
0.9%	Wood Products (Chapters 44-49)	2.6%
14.8%	Textiles and Footwear (Chapters 50-67)	1.1%
18.3%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	16.2%
4.5%	Base metals (Chapters 72-83)	4.7%
11.7%	Machinery & Mechanical Appliances (Chapters 84-85)	12.5%
4.5%	Transportation Equipment (Chapters 86-89)	7.6%
0.9%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	4.3%
0.1%	Arms & Ammunition (Chapter 93)	0.3%
2.4%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.2%
0.1%	Art & Antiques (Chapter 97)	0.1%
1.6%	Special Items (Chapters 98-99** Imports only 99)	2.1%

Source: U.S. Census Bureau USATrade Portal retrieved March 15, 2021



II. Exports to India subject to US Government Filing Requirements

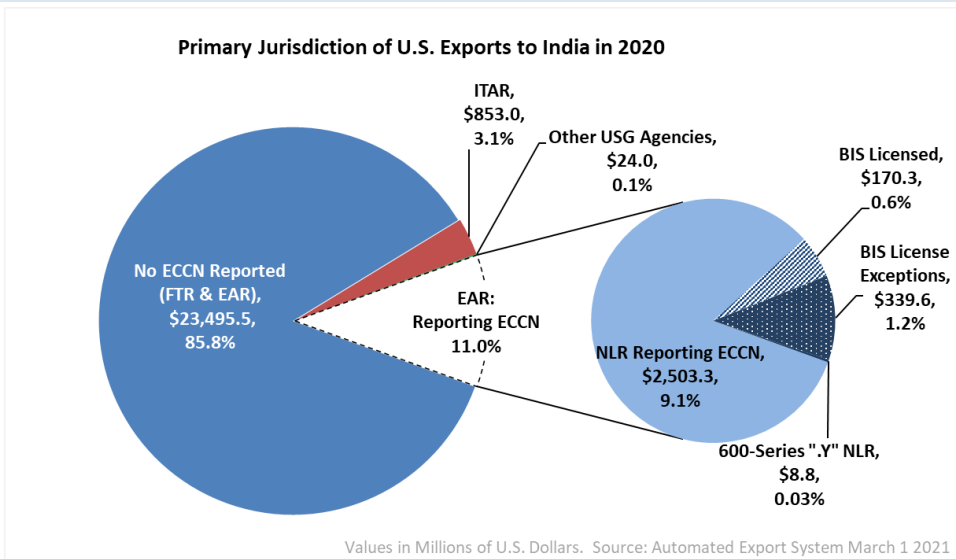
In 2020, of \$27.4 billion in the U.S. exports to India:

- 1.9% were subject to a BIS license requirement:
 - 0.6% were exported under a BIS license; Worldwide, 0.5% were exported under a BIS license.
 - 1.2% were exported under a BIS license exception; Worldwide, 1.0% were exported under a BIS license exception.
- 9.2% were exported under No License Required with an ECCN and NLR for .y 600-series items:
 - 9.1% were exported under No License Required with an ECCN; Worldwide, 10.7% were exported under No License Required with an ECCN.
 - 0.03% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

India				
		2018	2019	2020
	Department of State	\$364.5	\$1,487.5	\$853.0
	Other USG Agencies	\$38.1	\$64.9	\$24.0
	Department of Commerce	\$32,788.5	\$32,735.3	\$26,517.6
	BIS Licensed	\$180.0	\$229.8	\$170.3
	BIS License Exceptions	\$270.8	\$413.4	\$339.6
	NLR reporting an ECCN	\$3,621.0	\$2,553.2	\$2,503.3
	NLR not reporting an ECCN	\$28,702.6	\$29,524.9	\$23,495.5
	600-Series ".Y" Paragraph NLR	\$14.0	\$14.0	\$8.8
	YFA ".Y" Firearms	\$0.0	\$0.0	\$0.0003

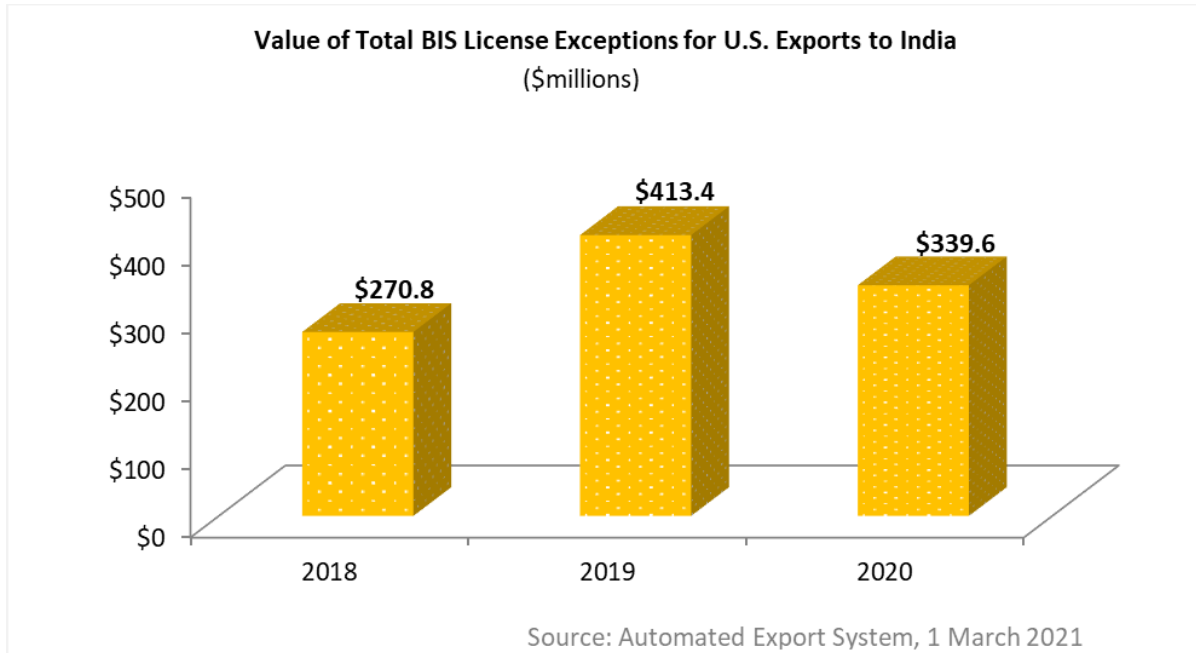
Values in Millions of U.S. Dollars. Source: Automated Export System March 1, 2021

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
India	X			X		X		X	X							

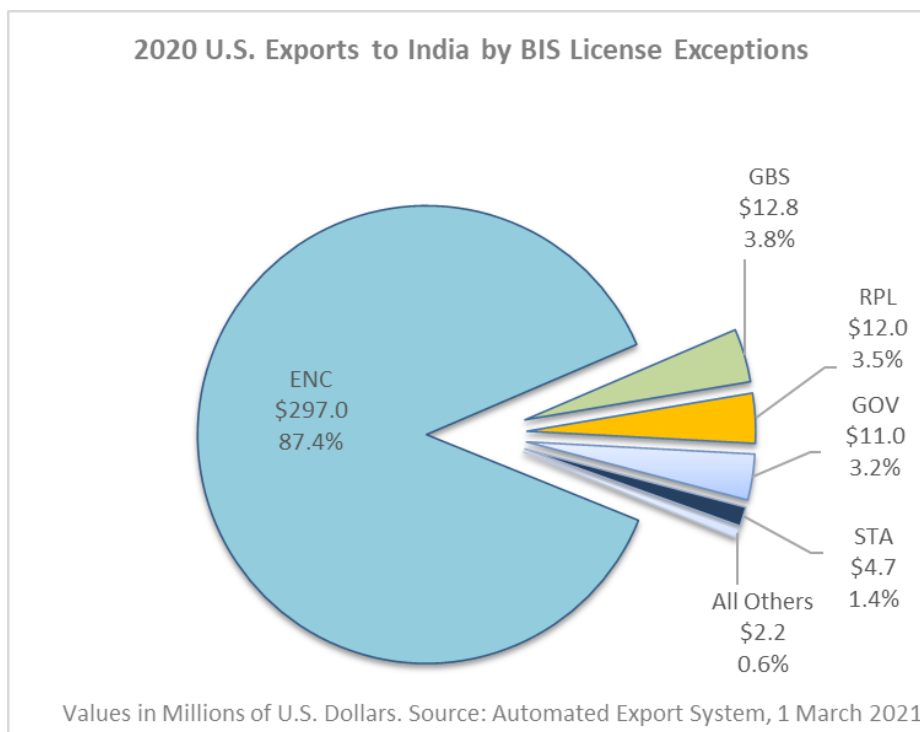




In 2020, U.S. exports to India shipped under a BIS license exception totaled \$339.6 million, a 17.9% (\$73.8 million) decrease from 2019.

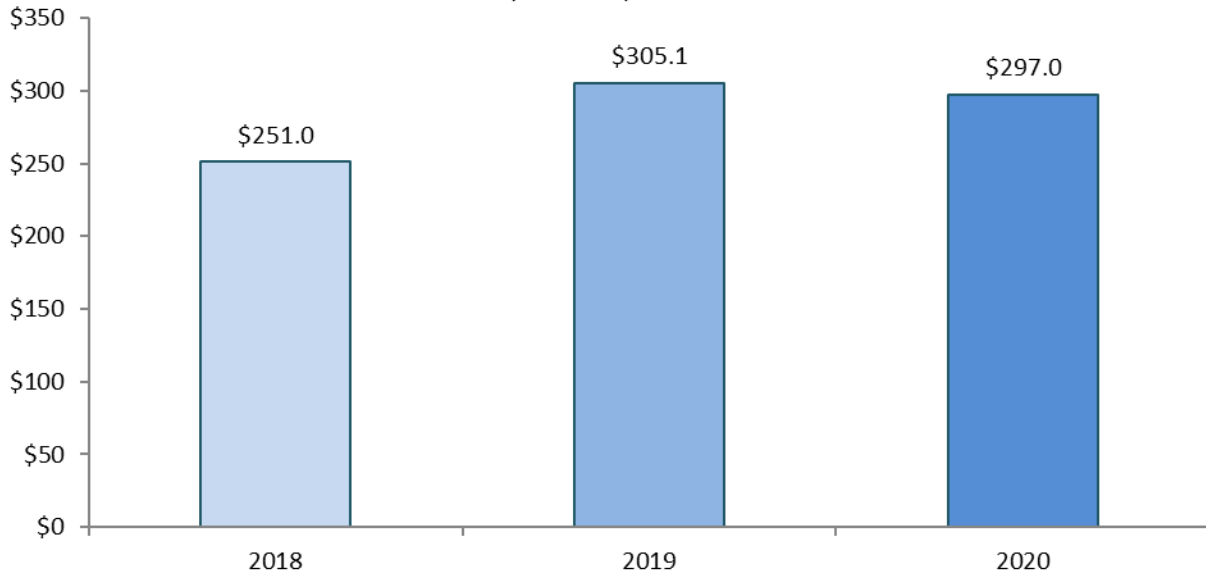


In 2020, the top license exception Encryption Commodities, Software, and Technology (ENC) totaled \$297.0 million (87.4% of all license exceptions), followed by Country Group B Shipments (GBS) at \$12.8 million (3.8%) and Servicing and replacement of parts and equipment (RPL) at \$12.0 million (3.5%).





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



Values in Millions of U.S. Dollars. Source: Automated Export System, 1 March 2021

U.S. Exports to India under BIS License Exceptions
(\$millions)



NOTE: ENC: The BIS License Exception for Encryption is excluded from this chart

Values in Millions of U.S. Dollars. Source: Automated Export System, 1 March 2021



Top Ten ECCNs by Value to India (\$millions)	
LICENSED	#1 9A610 Military Aircraft and Related Commodities
	#2 9A515 Spacecraft and Related Commodities
	#3 7B611 Test, inspection, and production commodities "specially designed" for
	#4 9B619 Test, Inspection, and Production Equip. and Related Commodities Specia
	#5 3A611 Military Electronics
	#6 3A001 Electronic Components
	#7 9B610 Test, Inspection, and Production Equip. and Related Commodities Specia
	#8 9A619 Military Gas Turbine Engines and Related Commodities
	#9 3A101 Electronic Equip./Devices Not Controlled By 3A001
	#10 5A002 Systems/Equip./Integrated Circuits for Info Sec

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

Top Ten ECCNs by Value to India (\$millions)	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 3A001 Electronic Components
	#3 9A610 Military Aircraft and Related Commodities
	#4 5B002 "Information Security" test, inspection and "production" equipment
	#5 9A515 Spacecraft and Related Commodities
	#6 9A619 Military Gas Turbine Engines and Related Commodities
	#7 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A1
	#8 9B610 Test, Inspection, and Production Equip. and Related Commodities Specia
	#9 6A003 Cameras
	#10 3A611 Military Electronics

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

Top Ten ECCNs by Value to India (\$millions)	
NLR with ECCN	#1 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A1
	#2 5A991 Telecommunication Equip. Not Controlled by 5A001
	#3 5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#4 9B990 Vibration Test Equip. and "Specially Designed" "Parts" and "Components
	#5 2B999 Specific Processing Equip., N.E.S.
	#6 1C999 Specific Materials, N.E.S., as Follows (See List of Items Controlled).
	#7 7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
	#8 3A999 Specific Processing Equip., N.E.S.
	#9 5B991 Telecommunications Test Equip.
	#10 3A992 General Purpose Electronic Equip. Note Controlled by 3A002

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



LICENSED	Top Ten ECCNs to India by Shipment Count	
	#1	9A610 Military Aircraft and Related Commodities
	#2	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia
	#3	3A611 Military Electronics
	#4	9A515 Spacecraft and Related Commodities
	#5	EAR99 Items subject to the EAR that are not elsewhere controlled
	#6	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#7	3A001 Electronic Components
	#8	9A619 Military Gas Turbine Engines and Related Commodities
	#9	2B230 Pressure Transducers
	#10	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s

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

EXCEPTIONS	Top Ten ECCNs to India by Shipment Count	
	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A610 Military Aircraft and Related Commodities
	#3	4A001 Ruggedized Electronic Computers/Related Equip.
	#4	EAR99 Items subject to the EAR that are not elsewhere controlled
	#5	3A001 Electronic Components
	#6	5B002 "Information Security" test, inspection and "production" equipment
	#7	6A003 Cameras
	#8	5D002 "Software" as follows (see List of Items Controlled)
	#9	7A103 Instrumentation, Navigation Equip./Systems Not
	#10	9B610 Test, Inspection, and Production Equip. and Related Commodities Specia

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

NLR with ECCN	Top Ten ECCNs to India by Shipment Count	
	#1	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A1
	#2	5A991 Telecommunication Equip. Not Controlled by 5A001
	#3	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#4	3A992 General Purpose Electronic Equip. Note Controlled by 3A002
	#5	3A999 Specific Processing Equip., N.E.S.
	#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	5B991 Telecommunications Test Equip.

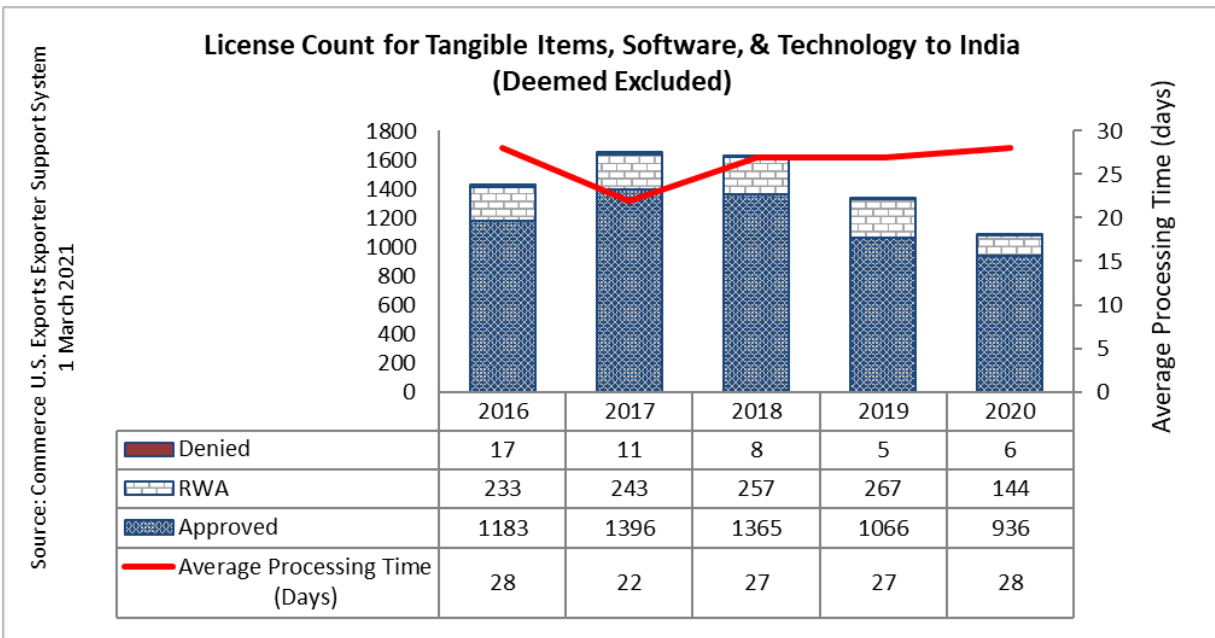
Note: ECCN descriptions have been truncated: please review Commerce Control List for full description



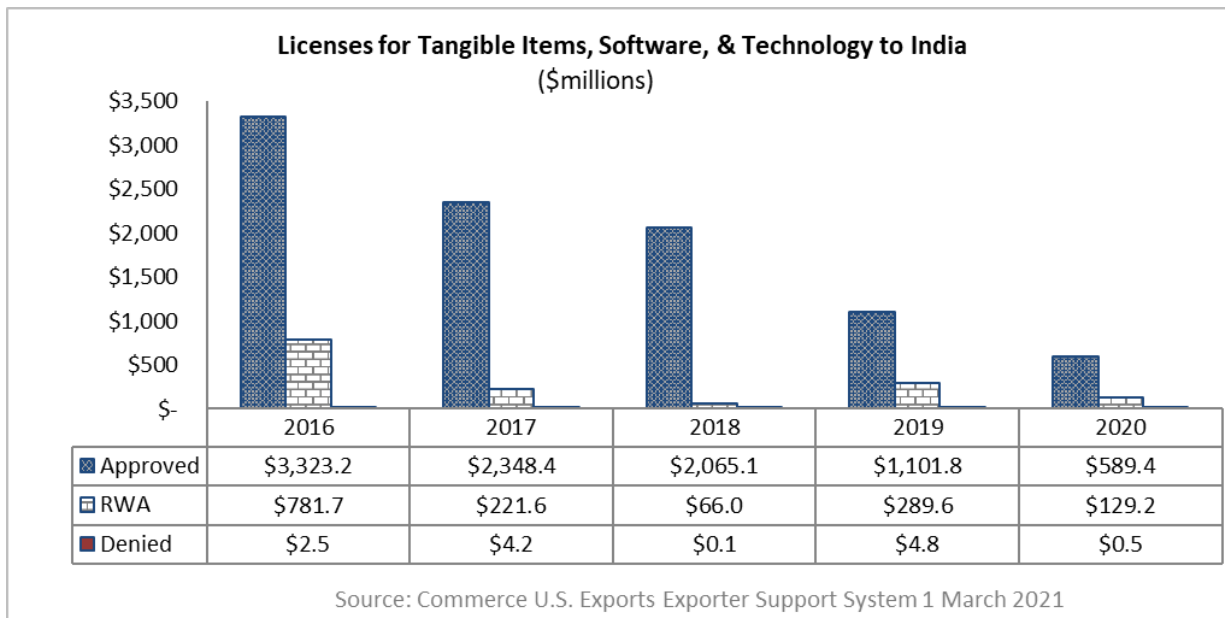
III. BIS Licensing to India

In 2020, BIS reviewed 1,086 export/re-export applications (not including deemed export applications) valued at \$719.1 million for India, out of a total of 38,203 applications worldwide for tangible items, software and technology valued at \$219.4 billion.

– Approved applications for India totaled 936 (86.2% of the total applications) for \$589.4 million, compared to 32,996 (86.4%) approved for all destinations valued at \$120.5 billion.



In 2020, BIS approved 92 applications (89.3% of total applications) for Deemed Exports from India nationals, compared to 1,216 (87.8%) approved for all destinations.





Top Ten Approved (with deemed) ECCNs to India by Count		2016	2017	2018	2019	2020	% of World Total 2020
APPROVED	#1 9A610 Military Aircraft and Related Commodities	92	140	132	145	133	2.6%
	#2 9A515 Spacecraft and Related Commodities	115	168	169	144	104	24.4%
	#3 1C351 Human and Animal Pathogens and toxins	77	93	139	128	98	10.8%
	#4 9E610 Technology Required for the Development, Productio	77	77	70	67	82	6.2%
	#5 3A611 Military Electronics	96	130	119	73	79	3.9%
	#6 3A001 Electronic Components	64	64	83	71	64	5.2%
	#7 2B201 Machine tools for Removing Or Cutting Metals	16	23	47	70	42	21.8%
	#8 3A233 Mass Spectrometers	56	92	101	49	40	8.7%
	#9 5D002 "Software" as follows (see List of Items Controll	72	84	76	50	38	5.8%
	#10 5A002 Systems/Equip./Integrated Circuits for Info Sec	24	27	24	30	34	6.8%

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

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

All Eight Denied (with deemed) ECCNs to India by Count		2020	% of World Total 2020
Denied	#1 1A999 Specific Processing Equip., N.E.S	1	33.3%
	#2 1C231 Hafnium Metal, Hafnium Alloys and Compounds	1	100.0%
	#3 2B201 Machine tools for Removing Or Cutting Metals	1	16.7%
	#4 3A611 Military Electronics	1	33.3%
	#5 7A003 Inertial Navigation Systems (Gimballed/Strapdown)	1	33.3%
	#6 7E002 Technology for Production of Eq. Cotrolled By 7A/7	1	50.0%
	#7 7E003 Technology for Repair of of Equip. In 7A001 to 7A004.	1	50.0%
	#8 EAR99 Items subject to the EAR that are not elsewhere controlled	1	0.9%

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

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



US Exports to India Summary

Summary of U.S. Exports to India Calendar Year 2020				
	CY2020	CY2019	% of Total Exports	Percentage Change from previous year
Total Exports	\$27,394,588,267	\$34,287,674,750		-20.1%
Total Subject to ITAR	\$853,021,233	\$1,487,487,965	3.1%	-42.7%
Subject to Other Gov. Agencies	\$23,951,818	\$64,912,912	0.1%	-63.1%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$170,345,683	100.0%	
VDC	Voluntary Disclosure	\$0		
Total of Licensed		\$170,345,683	0.6%	total licensed/total exports
C35	LVS	\$26,577	0.01%	
C36	GBS	\$12,794,518	3.8%	
C40	TMP	\$1,234,145	0.4%	
C41	RPL	\$11,966,392	3.5%	
C42	GOV	\$10,998,117	3.2%	
C43	GFT	\$5,537	0.002%	
C44	TSU	\$787,771	0.2%	
C45	BAG	\$31,411	0.01%	
C46	AVS	\$46,329	0.01%	
C50	ENC	\$296,985,903	87.4%	
C53	APP	\$45,430	0.01%	
C59	STA	\$4,687,432	1.4%	
Total of License Exceptions		\$339,609,562	1.2%	total license exceptions/total exports
			66.6%	total license exceptions/total subject to license requirement
Total subject to license requirement (Licensed and License Exceptions)		\$509,955,245	1.9%	total subject to license requirement/total exports
C33	NLR reporting an ECCN	\$2,503,337,501	9.1%	NLR reporting an ECCN/total exports
C60	NLR for .y subparagraph 600-series	\$8,833,683	0.03%	NLR for .y subparagraph 600-series/total exports
C63	NLR for 0A501 .y subparagraph Firearms	\$295	0.000001%	NLR for 0A501 .y subparagraph firearms/total exports
Total of NLR		\$2,512,171,479	9.2%	total NLR with an ECCN/total export
Exports not reporting an ECCN		\$23,495,488,492	85.8%	

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