



Summary

In 2019, 3.7% of total *U.S. exports* were shipped to Germany while 5.1% of total *U.S. Imports* were delivered from Germany. In 2019, U.S. exports to Germany were \$60.3 billion, a 4.4% (\$2.5 billion) increase from 2018; U.S. imports from Germany were \$127.5 billion, a 1.3% (\$1.6 billion) increase; and the trade deficit was \$67.2 billion, a 1.4% (\$930.0 million) decrease.

In 2019, the most traded commodity sectors of U.S.-Germany trade were Transportation Equipment, Machinery and Mechanical Appliances, and Chemicals, Plastics and Leather products.

In 2019, \$208.0 million (0.3% of the total exports) was shipped under BIS licenses. The top ECCNs of licensed exports by value are similar to that in 2018. In 2019, the top one ECCN was 7A103 for Instrumentation, navigation equipment and systems; the top two ECCN was 9A610 for Military aircrafts and related commodities; and the top three ECCN was 9A515 for Spacecraft and related commodities.

In 2019, \$662.7 million (1.1% of the total exports) was shipped under BIS license exception authorization. The top ECCNs by value are similar to that in 2018. In 2019, the top ECCNs were 5A002 for Information security systems, equipment and "components"; 9A991 for Aircraft and gas turbine engines and "parts" and "components," and 9A610 for Military aircrafts and related commodities.

In 2019, BIS has processed a total of 1,242 license applications valued at \$2.8 billion for tangible items, software and technology for Germany. BIS has approved 1,066, 87.7% of the total applications valued at \$2.8 billion. RWA totaled 145 valued at \$26.1 million. There were 4 denials valued at \$2.4 million.

In 2019, BIS received 9 applications from German nationals for deemed exports and approved 8. There was one RWA and no denials.

The top approved ECCNs are 9A610 for Military aircraft and related commodities with 210 approvals; 0A606 for Ground vehicles and related commodities with 151 approvals, and 3A611 for Military electronics with 147 approvals.

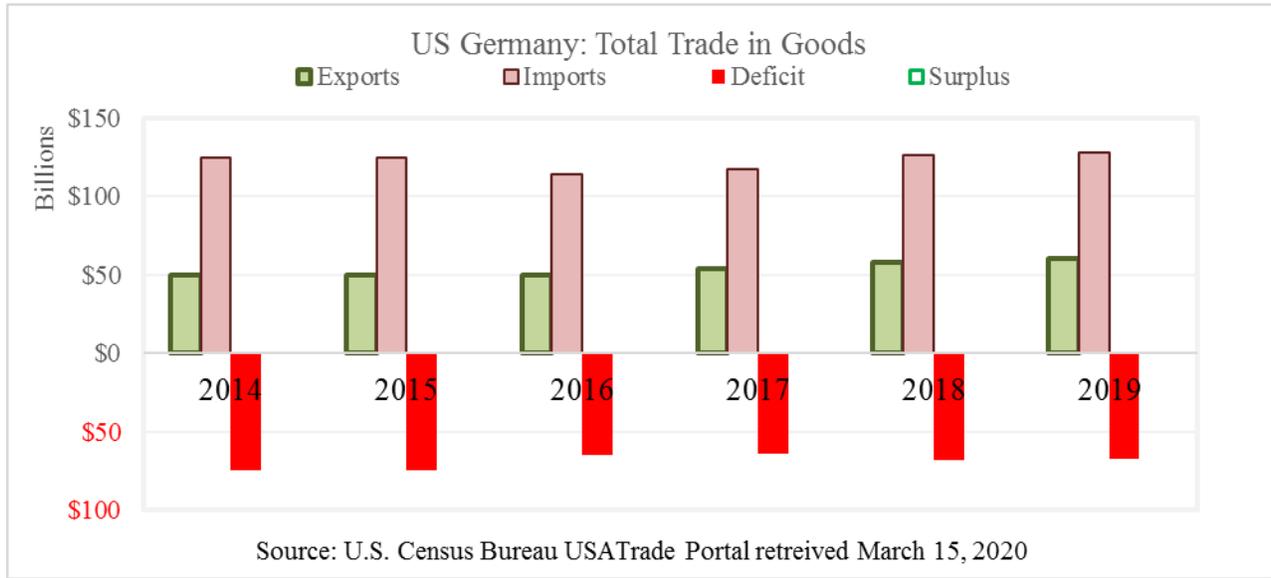
In 2019, the average processing time for Germany is 19 days.



US Trade with Germany Overall Trends

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

In 2019, U.S. exports to Germany totaled \$60.3 billion, a 4.4% (\$2.5 billion) increase from 2018; U.S. imports from Germany totaled \$127.5 billion, a 1.3% (\$1.6 billion) increase; and the trade deficit was \$67.2 billion, a 1.4% (\$930.1 million) decrease.



In 2019, **3.7%** of total *U.S. exports* were shipped to Germany while **5.1%** of total *U.S. Imports* were delivered from Germany. In 2019, the level of U.S. exports to Germany and U.S. imports from Germany exceeded the prior five year average level by value not adjusted for inflation. The U.S. trade deficit with Germany is lower than the prior five year average level by value not adjusted for inflation.

	2014	2015	2016	2017	2018	2019	2014-2018 Average
EXPORTS	\$49,418.8	\$49,978.8	\$49,568.7	\$53,960.9	\$57,753.0	\$60,296.2	\$52,136.0
Δvalue	--	\$560.0	-\$410.1	\$4,392.1	\$3,792.1	\$2,543.3	
Δpct	--	1.1%	-0.8%	8.9%	7.0%	4.4%	
IMPORTS	\$124,182.0	\$124,887.8	\$114,092.5	\$117,547.9	\$125,848.9	\$127,462.1	\$121,311.8
Δvalue	--	\$705.8	-\$10,795.3	\$3,455.4	\$8,301.0	\$1,613.2	
Δpct	--	0.6%	-8.6%	3.0%	7.1%	1.3%	
BALANCE	(\$74,763.1)	(\$74,909.0)	(\$64,523.8)	(\$63,587.0)	(\$68,096.0)	(\$67,165.9)	(\$69,175.8)
Δvalue	--	(\$145.8)	\$10,385.2	\$936.7	(\$4,508.9)	\$930.1	
Δpct	--	0.2%	-13.9%	-1.5%	7.1%	-1.4%	

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



In 2019, of the \$60.3 billion in U.S. exports to Germany, the top commodity sectors were Transportation Equipment (30.9%), Machinery and Mechanical Appliances (19.5%), and Chemicals, Plastics and Leather products (18.4%).

In 2019, of the \$127.5 billion in U.S. imports from Germany, the top commodity sectors were Machinery and Mechanical Appliances (28.2%), Chemicals, Plastics, and Leather products (22.9%), and Transportation Equipment (21.3%).

Imports from Germany by Sector	Germany Commodity Trade 2019	US exports to Germany by Sector
\$127,462,105,836	Total Value All Commodities	\$60,296,235,156
1.7%	Agriculture (Chapters 01-24)	2.7%
0.3%	Minerals (Chapters 25-27)	1.7%
22.9%	Chemicals, Plastics, Leather (Chapters 28-43)	18.4%
1.2%	Wood Products (Chapters 44-49)	1.1%
0.7%	Textiles and Footwear (Chapters 50-67)	0.6%
2.3%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	5.5%
5.0%	Base metals (Chapters 72-83)	2.9%
28.2%	Machinery (Chapters 84-85)	19.5%
21.3%	Transportation (Chapters 86-89)	30.9%
8.7%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	11.5%
0.2%	Arms & Ammunition (Chapter 93)	0.1%
1.1%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.6%
0.7%	Art & Antiques (Chapter 97)	1.3%
5.8%	Special Items (Chapters 98-99** Imports only 99)	3.2%

Source: U.S. Census Bureau USATrade Portal retrieved March 15, 2020



II. Exports to Germany subject to US Government Filing Requirements

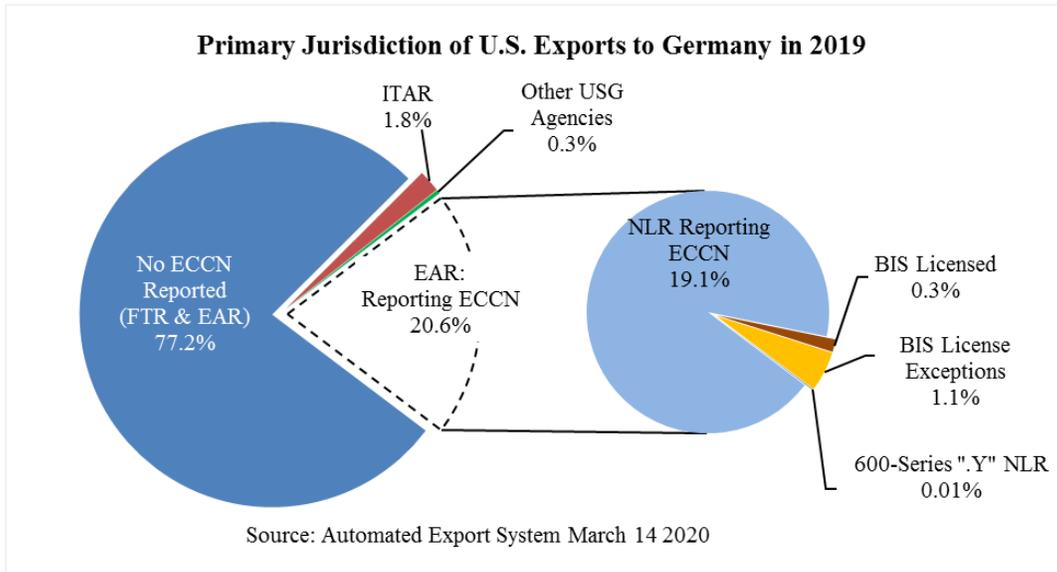
In 2019, of the \$60.3 billion in U.S. exports to Germany:

- 1.4% were subject to a BIS license requirement:
 - 0.3% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - 1.1% were exported under a BIS license exception; Worldwide, 1.0% were exported under a BIS license exception.
- 19.1% were exported under No License Required with an ECCN and NLR for .y 600-series items:
 - 19.1% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under No License Required with an ECCN.
 - 0.01% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

		Germany		
		2017	2018	2019
	Department of State	\$1,375.0	\$2,042.6	\$1,115.2
	Other USG Agencies	\$210.9	\$231.4	\$196.1
Department of Commerce		\$52,375.0	\$55,478.9	\$58,984.9
	BIS Licensed	\$180.7	\$233.1	\$208.0
	BIS License Exceptions	\$736.5	\$900.7	\$662.7
	NLR reporting an ECCN	\$8,698.5	\$10,015.9	\$11,533.0
	NLR not reporting an ECCN	\$42,753.2	\$44,298.7	\$46,572.5
	600-Series ".Y" Paragraph NLR	\$6.1	\$30.6	\$8.7

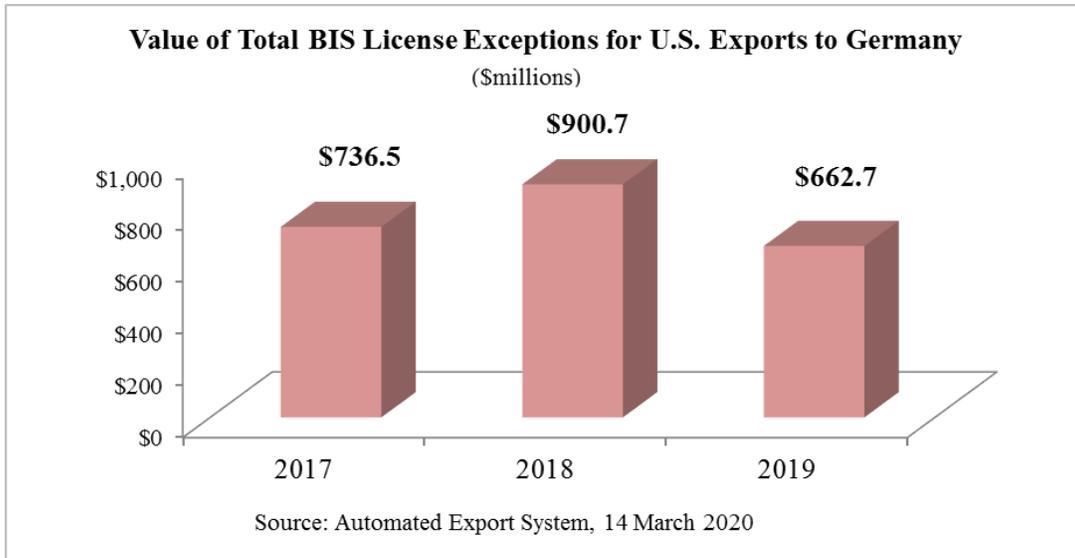
Values in Millions of U.S. Dollars. Source: Automated Export System April 1, 2020

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
Germany	X					X		X	X							

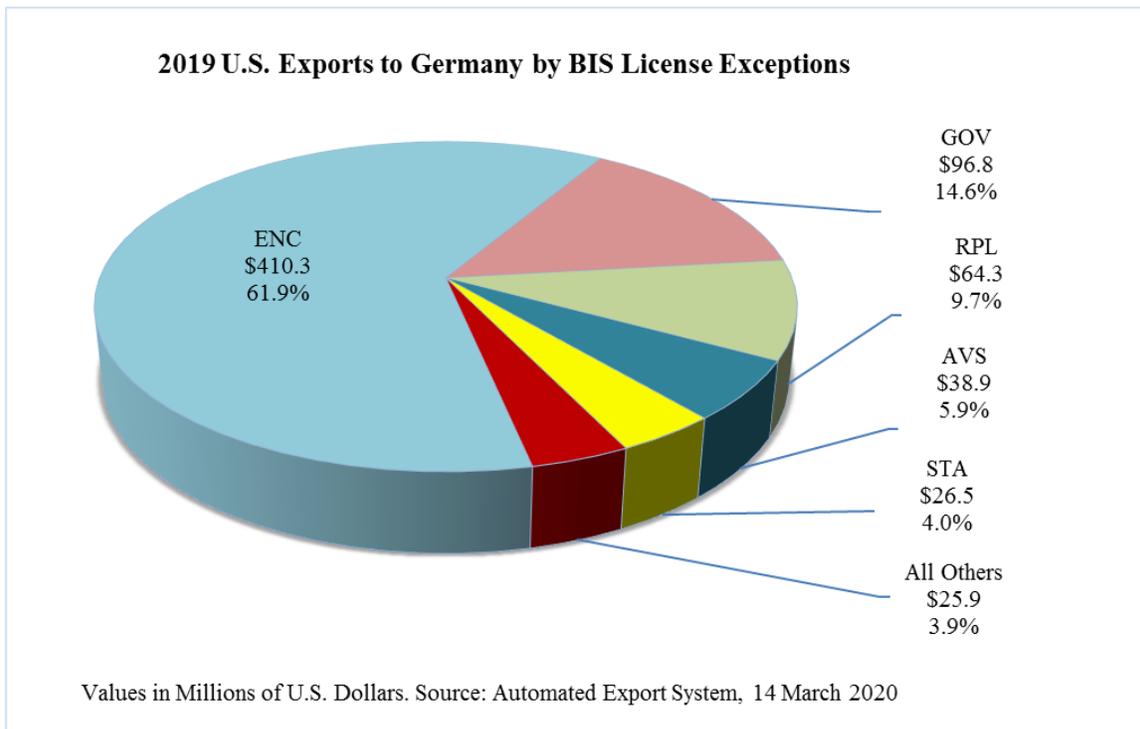




In 2019, U.S. exports to Germany shipped under a BIS license exception totaled \$662.7 million, a 26.4% (\$238.0 million) decrease from 2018.

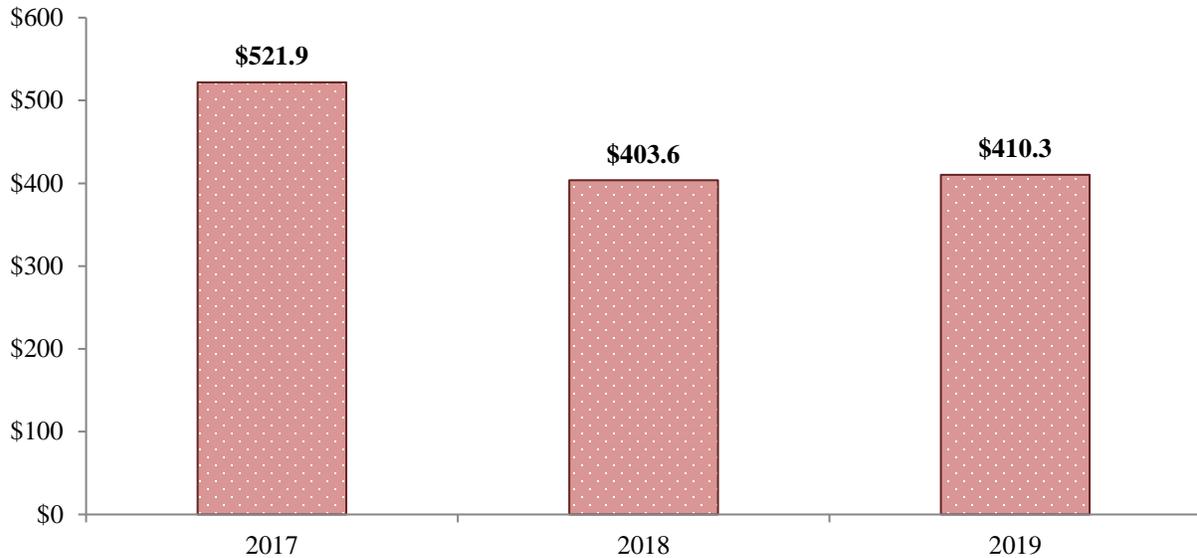


In 2019, the top license exception Encryption Commodities, Software and Technology (ENC) totaled \$410.3 million (61.9% of all license exceptions), followed by Governments, International Organizations (GOV) at \$96.8 million (14.6%) and Servicing and replacement of parts and equipment (RPL) at \$64.3 million (9.7%).



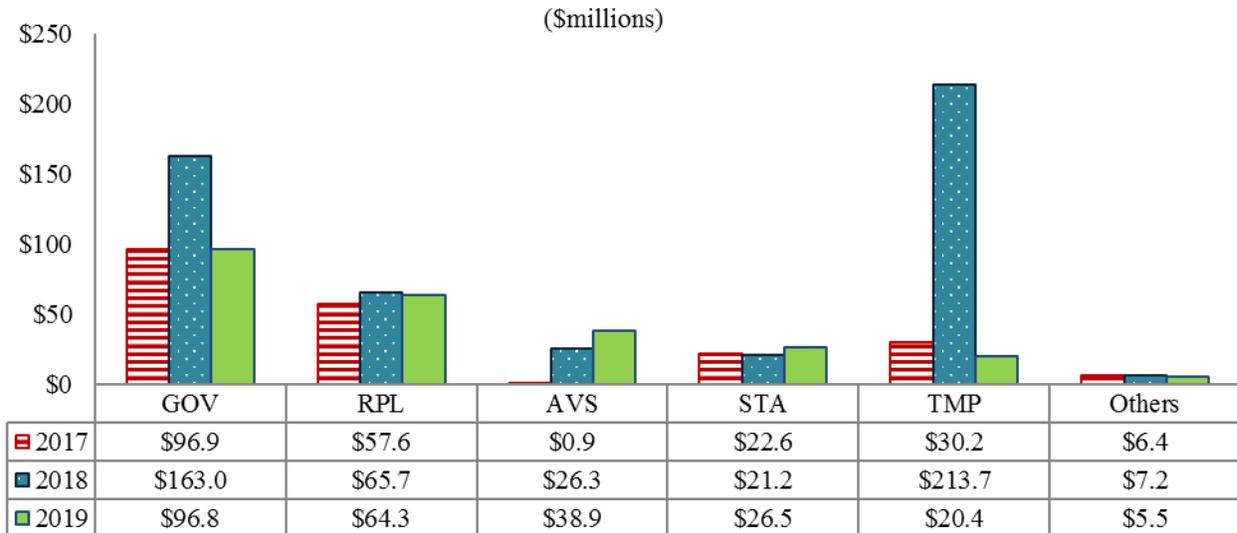


U.S. Exports to Germany under BIS License Exception: Encryption Commodities & Software (\$millions)



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

U.S. Exports to Germany under BIS License Exceptions Excluding Encryption (\$millions)



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



EXCEPTIONS

Top Ten ECCNs by Value to Germany (\$millions)	
#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
#2	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
#3	9A610 Military Aircraft and Related Commodities
#4	3A611 Military Electronics
#5	7A103 Instrumentation, Navigation Equip./Systems Not
#6	0A606 Ground Vehicles and Related Commodities
#7	9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
#8	EAR99 Items subject to the EAR that are not elsewhere controlled
#9	9A515 Spacecraft and Related Commodities
#10	9A619 Military Gas Turbine Engines and Related Commodities

NLR with ECCN

Top Ten ECCNs by Value to Germany (\$millions)	
#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	5A992 Equipment not controlled by 5A002
#4	7A994 Other Navigation Direction Finding Equip. ... Not Controlled under 7A003
#5	5A991 Telecommunication Equip. Not Controlled by 5A001
#6	3A999 Specific Processing Equip., N.E.S.
#7	3B991 Other Mfg/Test Equip. Not Controlled By 3B
#8	4A994 Computers Not Controlled By 4A001 or 4A003
#9	6A005 Optical Equip. (Lasers)
#10	1C210 Fibrous/Filamentary Materials Not Controlled By 1C010.a, b or .e ...

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



Top Ten ECCNs to Germany by Shipment Count	
LICENSED	#1 9A610 Military Aircraft and Related Commodities
	#2 7A103 Instrumentation, Navigation Equip./Systems Not
	#3 0A606 Ground Vehicles and Related Commodities
	#4 3A611 Military Electronics
	#5 7A002 Gyros and Angular Rate Sensors, ...
	#6 3A001 Electronic Components
	#7 9A604 Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes, ...
	#8 9A619 Military Gas Turbine Engines and Related Commodities
	#9 9E610 Technology Required for the Development, Production Operation, Install...
	#10 1C001 Materials used as Electromagnetic Wave Absorbers/P

Top Ten ECCNs to Germany by Shipment Count	
EXCEPTIONS	#1 5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2 9A610 Military Aircraft and Related Commodities
	#3 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#4 3A611 Military Electronics
	#5 EAR99 Items subject to the EAR that are not elsewhere controlled
	#6 7A103 Instrumentation, Navigation Equip./Systems Not
	#7 6A003 Cameras
	#8 5D002 "Software" as follows (see List of Items Controlled)
	#9 blank No ECCN is required for License Exceptions TMP*
	#10 9A619 Military Gas Turbine Engines and Related Commodities

Note: No ECC is required for license exception TMP per EAR 758.1(g)(2)

Top Ten ECCNs to Germany by Shipment Count	
NLR with ECCN	#1 0A617 Miscellaneous Equip., Materials, and Related Commodities
	#2 0A987 Optical Sighting Devices for Firearms
	#3 3E102 "Technology" for the "Development" of "Software" Controlled by 3D101
	#4 3B001 Epitaxial Equip. for Semiconductors
	#5 0A979 Police Helmets, Shields and Parts
	#6 4A994 Computers Not Controlled By 4A001 or 4A003
	#7 9A610 Military Aircraft and Related Commodities
	#8 9A619 Military Gas Turbine Engines and Related Commodities
	#9 9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#10 9B515 Test, Inspection, and Production Equip. Specially Designed for Spacecr...

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

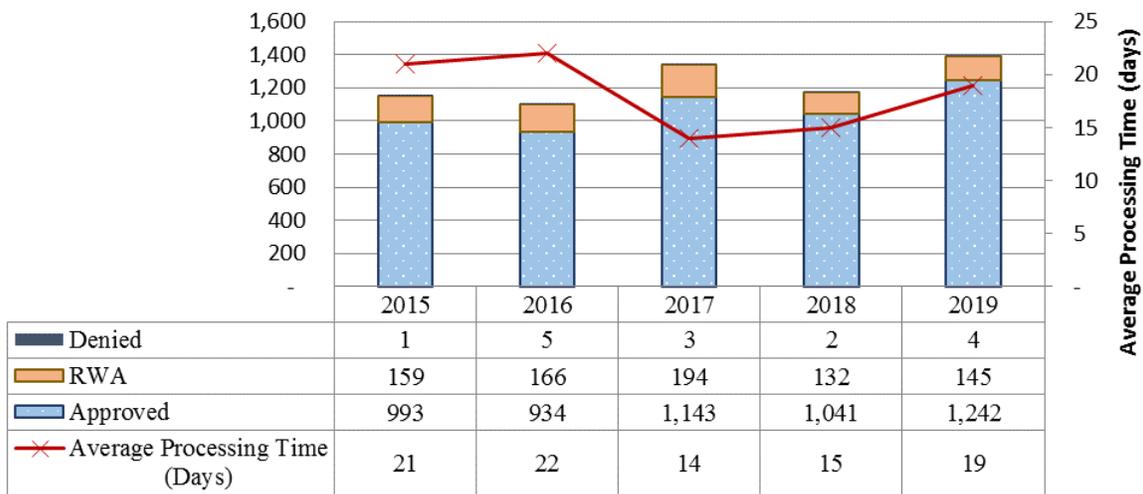


III. BIS Licensing to Germany

In 2019, BIS reviewed 1,242 export/re-export applications (not including deemed export applications) valued at \$2.8 billion for Germany, out of a total of 33,993 applications worldwide for tangible items, software and technology valued at \$158.8 billion.

– Approved applications for Germany totaled 1,093 (88.0% of the total applications) for \$2.8 billion, compared to the 28,223 (85.8%) approved applications for all destinations valued at \$123.0 billion.

**Licenses for Tangible Items, Software and Technology Germany By Count
2015-2019**



Source: Commerce U.S. Export Exporter's Support System, June 26, 2020

In 2019, BIS approved 8 applications (88.8% of total applications) for Deemed Exports from German nationals, compared to 1,124 (85.2%) approved for all destinations.

In the last five years, there were no denials for Deemed Export applications for German nationals.

**Licenses for Tangible Items, Software and Technology for Germany
2015-2019
\$millions**



Source: Commerce U.S. Export Exporter's Support System, June 26, 2020



Top Ten Approved (with deemed) ECCNs to Germany by Count		2015	2016	2017	2018	2019	% of	
							World	
							Total 2019	
APPROVED	#1	9A610 Military Aircraft and Related Commodities	233	192	182	212	210	4.1%
	#2	0A606 Ground Vehicles and Related Commodities	35	56	125	125	151	18.7%
	#3	3A611 Military Electronics	112	97	136	101	147	6.5%
	#4	3A001 Electronic Components	48	74	93	105	119	10.7%
	#5	9E610 Technology Required for the Development, Productio...	55	5	57	58	62	4.7%
	#6	9A619 Military Gas Turbine Engines and Related Commoditi...	81	52	51	41	45	4.0%
	#7	7A103 Instrumentation, Navigation Equip./Systems Not	39	25	45	55	42	9.8%
	#8	3E611 Technology Required for Military Electronics	26	29	38	28	38	8.1%
	#9	1C351 Human and Animal Pathogens and toxins	37	30	41	30	37	3.8%
	#10	9A604 Commodities Related to Launch Vehicles, Missiles, ...	63	67	81	65	34	8.4%
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

Denied (with deemed) ECCNs to Germany by Count		2019	% of World	
			Total 2019	
Denied	#1	3A001 Electronic Components	1	2.0%
	#2	3A101 Electronic Equip./Devices Not Controlled By 3A001	2	66.7%
	#3	9A610 Military Aircraft and Related Commodities	1	4.8%
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



US Exports to Germany Summary

Summary of U.S. Exports to Germany Calendar Year 2019				
	CY2019	CY2018	% of Total Exports	Percentage Change from previous year
Total Exports	\$60,296,235,156	\$57,752,951,365		4.4%
Subject to ITAR	\$1,115,237,939	\$2,042,568,116	1.8%	-45.4%
Subject to Other Gov. Agencies	\$196,072,688	\$231,379,169	0.3%	-15.3%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$207,987,525	100.0%	
VDC	Voluntary Disclosure			
Total of Licensed		\$207,987,525	0.3%	total licensed/total exports
C35	LVS	\$1,354,473	0.2%	
C36	GBS	\$2,812,092	0.4%	
C38	TSR	\$28,727	0.004%	
C40	TMP	\$20,406,791	3.1%	
C41	RPL	\$64,315,657	9.7%	
C42	GOV	\$96,819,984	14.6%	
C43	GFT	\$122,546	0.02%	
C44	TSU	\$964,355	0.1%	
C45	BAG	\$11,330	0.002%	
C46	AVS	\$38,856,276	5.9%	
C50	ENC	\$410,310,285	61.9%	
C53	APP	\$164,683	0.02%	
C59	STA	\$26,493,152	4.0%	
Total of License Exceptions		\$662,660,351	1.1%	total license exceptions/total exports
			76.1%	total license exceptions/total subject to license requirement
Total subject to license requirement (Licensed and License Exceptions)		\$870,647,876	1.4%	total subject to license requirement/total exports
C33	NLR with an ECCN	\$11,533,007,249	19.1%	NLR with an ECCN/total exports
C60	NLR for .y subparagraph 600-series	\$8,745,660	0.01%	NLR for .y subparagraph 600-series/total exports
Total of NLR		\$11,541,752,909	19.1%	total NLR with an ECCN/total export
Exports not reporting an ECCN		\$46,572,523,744	77.2%	

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