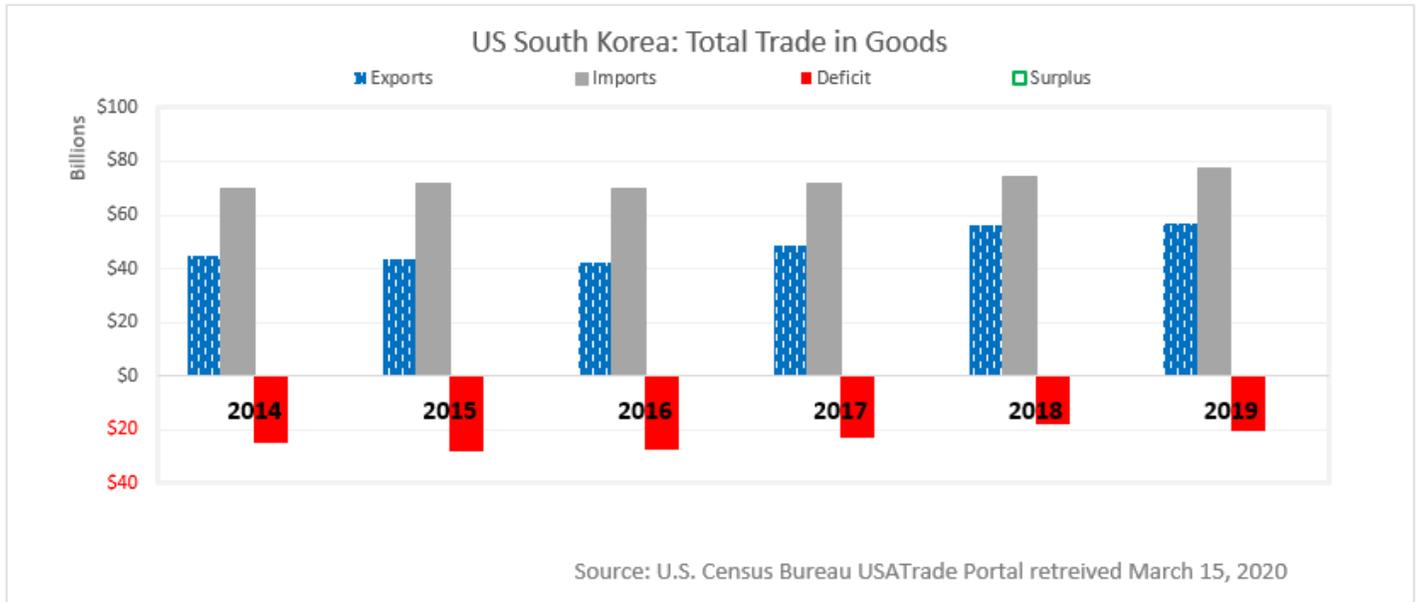




## I. Total U.S. Trade in goods with South Korea

In 2019, U.S. exports to South Korea totaled \$56.9 billion, a 0.7% (\$0.4 billion) increase from 2018; U.S. imports from South Korea totaled \$77.5 billion, a 4.4% (\$3.2 billion) increase; and the trade deficit was \$20.6 billion, a 16.1% (\$2.9 billion) increase.



In 2019, 3.5% of total *U.S. exports* were shipped to South Korea while 3.1% of total *U.S. Imports* were delivered from South Korea during the same period. In 2019, the level of U.S. exports to, and U.S. import from South Korea exceeded the prior five-year average level by value not adjusted for inflation. The U.S. trade balance with South Korea is negative.

	2014	2015	2016	2017	2018	2019	2014-2018 Average
EXPORTS	\$44,649.6	\$43,484.0	\$42,262.2	\$48,350.4	\$56,506.6	\$56,897.3	\$47,050.5
Δvalue	--	-\$1,165.6	-\$1,221.8	\$6,088.2	\$8,156.2	\$390.7	
Δpct	--	-2.6%	-2.8%	14.4%	16.9%	0.7%	
IMPORTS	\$69,676.9	\$71,775.3	\$69,886.8	\$71,416.4	\$74,264.0	\$77,511.1	\$71,403.9
Δvalue	--	\$2,098.4	-\$1,888.5	\$1,529.6	\$2,847.6	\$3,247.1	
Δpct	--	3.0%	-2.6%	2.2%	4.0%	4.4%	
BALANCE	(\$25,027.3)	(\$28,291.3)	(\$27,624.6)	(\$23,066.0)	(\$17,757.4)	(\$20,613.8)	(\$24,353.3)
Δvalue	--	(\$3,264.0)	\$666.8	\$4,558.6	\$5,308.6	(\$2,856.4)	
Δpct	--	13.0%	-2.4%	-16.5%	-23.0%	16.1%	

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



# U.S. Trade with South Korea

In 2019, of the \$56.9 billion in U.S. exports to South Korea, the top commodity sectors were Minerals (24.1%), Machinery (21.5%), and Chemicals, Plastics, Leather products (15.6%).

In 2019, of the \$77.5 billion in U.S. imports from South Korea, the top commodity sectors were Machinery (37.6%), Transportation (28.1%), and Chemicals, Plastics, Leather products (12.7%).

Imports from South Korea by Sector	South Korea Commodity Trade 2019	US exports to South Korea by Sector
<b>\$77,511,132,009</b>	<b>Total Value All Commodities</b>	<b>\$56,897,327,116</b>
1.2%	Agriculture (Chapters 01-24)	13.9%
5.5%	Minerals (Chapters 25-27)	24.1%
12.7%	Chemicals, Plastics, Leather (Chapters 28-43)	15.6%
1.0%	Wood Products (Chapters 44-49)	1.3%
1.8%	Textiles and Footwear (Chapters 50-67)	0.9%
0.7%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	1.5%
6.8%	Base metals (Chapters 72-83)	3.7%
37.6%	Machinery (Chapters 84-85)	21.5%
28.1%	Transportation (Chapters 86-89)	8.6%
1.7%	Optical, Measuring, Medical or Other Instruments (Chapters 90-92)	6.2%
0.1%	Arms & Ammunition (Chapter 93)	0.4%
0.8%	Miscellaneous Manufactured Items (Chapters 94 -96)	0.6%
0.1%	Art & Antiques (Chapter 97)	0.3%
1.9%	Special Items (Chapters 98-99** Imports only 99)	1.5%

Source: U.S. Census Bureau USATrade Portal retrieved March 9, 2020



## II. U.S. Exports to South Korea subject to U.S. Government Filing Requirements

In 2019, of the \$56.9 billion in U.S. exports to South Korea:

- 1.4% were subject to a BIS license requirement
  - 0.7% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
  - 0.7% were exported under a BIS license exception; Worldwide, 1.0% were exported under a BIS license exception.
- 10.8% were exported under No License Required with an ECCN; Worldwide, 12.1% were exported under NLR with an ECCN reported
- 0.02% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.

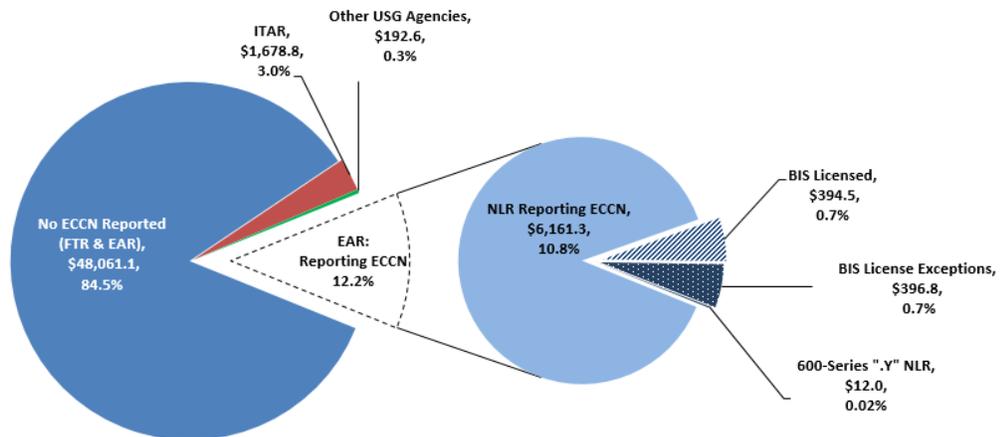
		South Korea		
		2017	2018	2019
	Department of State	\$1,903.0	\$1,857.3	\$1,678.8
	Other USG Agencies	\$54.9	\$148.6	\$192.6
	Department of Commerce	\$46,392.5	\$54,500.7	\$55,025.9
	BIS Licensed	\$250.0	\$301.7	\$394.5
	BIS License Exceptions	\$598.7	\$432.2	\$396.8
	NLR reporting an ECCN	\$9,386.6	\$8,205.5	\$6,161.3
	NLR not reporting an ECCN	\$36,149.7	\$45,550.5	\$48,061.1
	600-Series ".Y" Paragraph NLR	\$7.4	\$10.9	\$12.0

Values in Millions of U.S. Dollars; U.S. Border & Protection: Electronic Export Information; 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
South Korea	X					X		X	X			X		X		

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## 2019 U.S. Exports to South Korea: Export Authorizations by Regulatory Authority

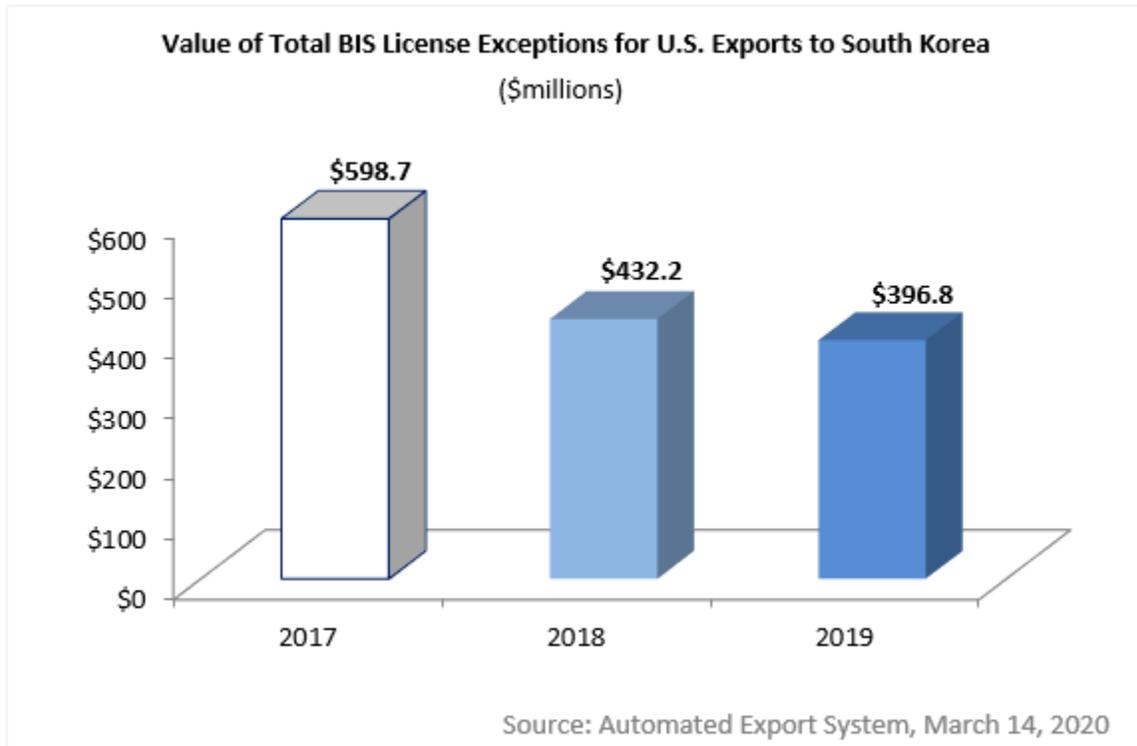


Source: Automated Export System, March 14 2020, Value in U.S. Millions

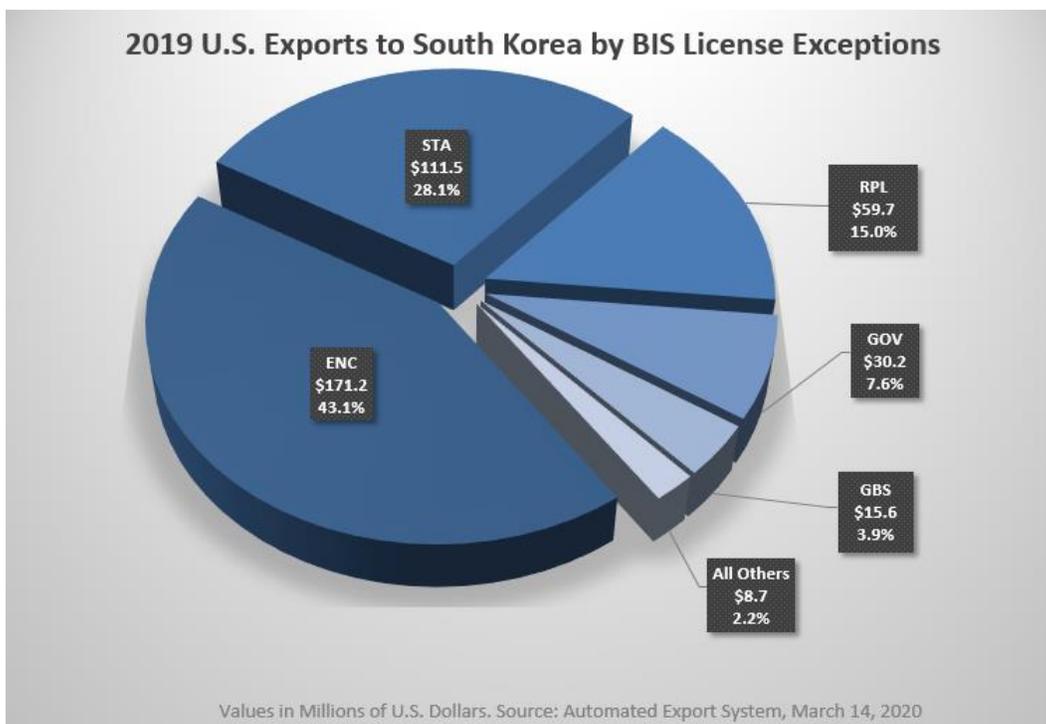


## U.S. Exports to South Korea

In 2019, U.S. exports to South Korea shipped under a BIS license exception totaled \$396.8 million, a 8.2% (\$35.4 million) decrease from 2018.

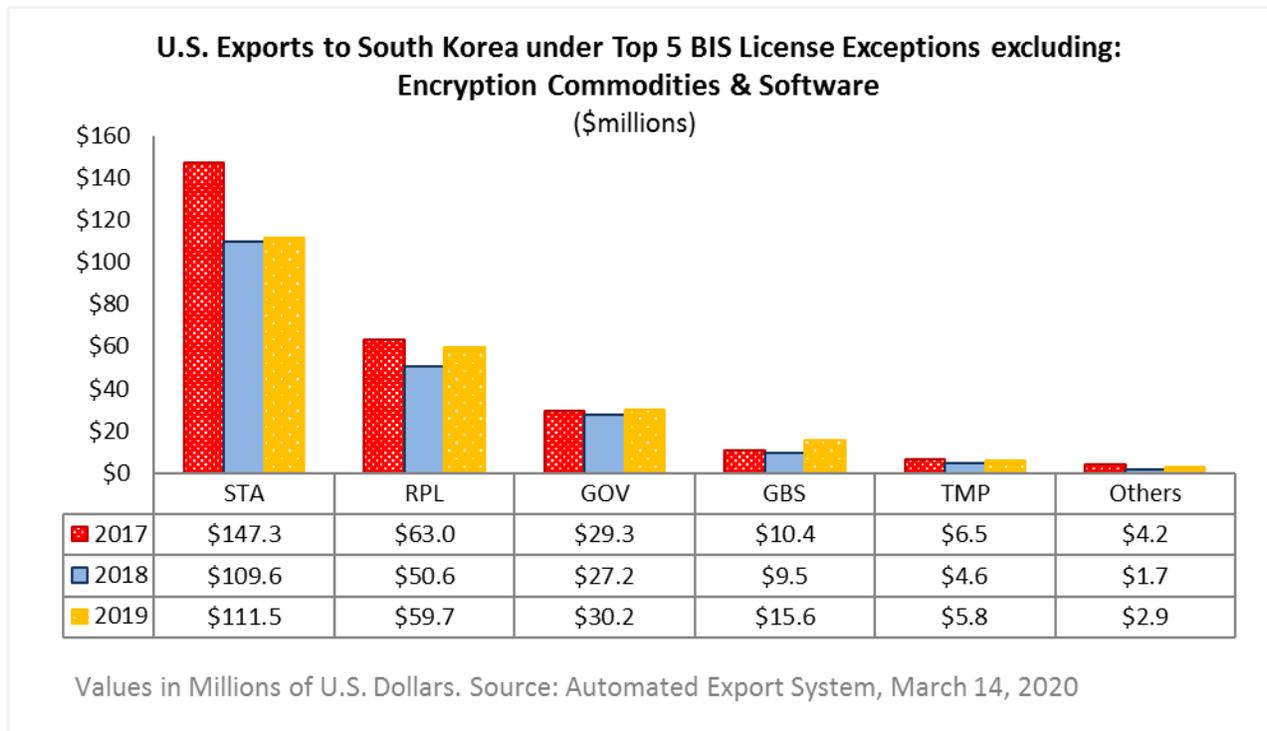
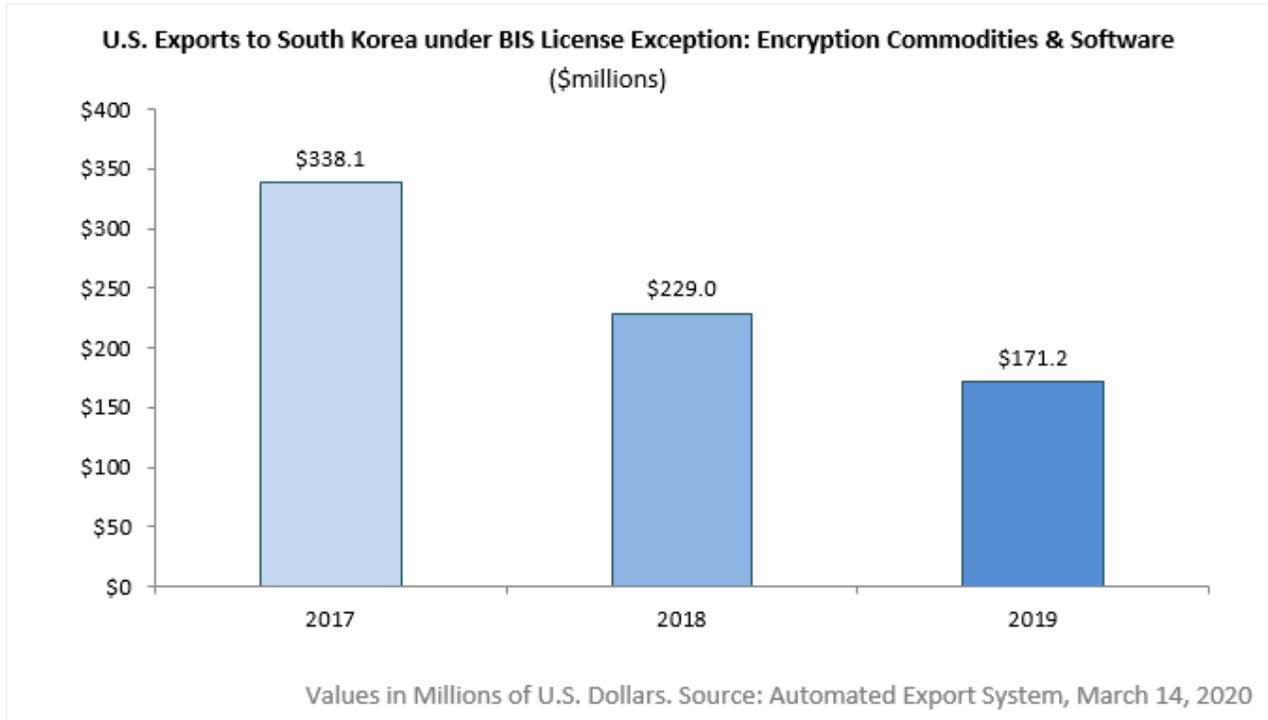


The top license exception Encryption commodities, Software and Technology (ENC) totaled \$171.2 million (43.1% of all license exceptions).





# U.S. Exports to South Korea





Top Ten ECCNs by Value to South Korea (\$millions)		
<b>LICENSED</b>	#1	9A619 Military Gas Turbine Engines and Related Commodities
	#2	7A003 Inertial Navigation Systems (Gimballed/Strapdown)
	#3	9A610 Military Aircraft and Related Commodities
	#4	0A606 Ground Vehicles and Related Commodities
	#5	6A003 Cameras
	#6	3A611 Military Electronics
	#7	7A611 Navigation and Avionics equipment and systems, and "parts,"
	#8	1C107 Graphite and Ceramic Materials, Other Than Those Controlled by 1C007 ...
	#9	1C111 Propellants and Constituent Chemicals
	#10	9A515 Spacecraft and Related Commodities

Top Ten ECCNs by Value to South Korea (\$millions)		
<b>EXCEPTIONS</b>	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A610 Military Aircraft and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	8A609 Surface Vessels of War and Related Commodities
	#5	3A611 Military Electronics
	#6	3A001 Electronic Components
	#7	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#8	0A606 Ground Vehicles and Related Commodities
	#9	7A003 Inertial Navigation Systems (Gimballed/Strapdown)
	#10	1C006 Fluids and Lubricating Materials

Top Ten ECCNs by Value to South Korea (\$millions)		
<b>NLR with ECCN</b>	#1	EAR99 Items subject to the EAR that are not elsewhere controlled
	#2	3B991 Other Mfg/Test Equip. Not Controlled By 3B
	#3	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#4	3B992 Equip. for the Inspection/Testing of Components not Controlled by 3B002
	#5	5A991 Telecommunication Equip. Not Controlled by 5A001
	#6	5A992 Equipment not controlled by 5A002
	#7	3B001 Epitaxial Equip. for Semiconductors
	#8	3A991 Electronic Devices and "Components" not controlled by 3A001
	#9	8A992 Vessels, Marine Systems or Equip. not Controlled by 8A001 or 8A002...
	#10	3A992 General Purpose Electronic Equip. Note Controlled by 3A002

Source: Automated Export System, retrieved on March 18, 2020

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



Top Ten ECCNs to South Korea by Shipment Count		
<b>LICENSED</b>	#1	9A610 Military Aircraft and Related Commodities
	#2	0A606 Ground Vehicles and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	7A003 Inertial Navigation Systems (Gimballed/Strapdown)
	#5	3A611 Military Electronics
	#6	1C351 Human and Animal Pathogens and toxins
	#7	7A611 Navigation and Avionics equipment and systems, and "parts,"
	#8	1C107 Graphite and Ceramic Materials, Other Than Those Controlled by 1C007 ...
	#9	9E610 Technology Required for the Development, Production Operation, Install...
	#10	3A001 Electronic Components

Top Ten ECCNs to South Korea by Shipment Count		
<b>EXCEPTIONS</b>	#1	5A002 Systems/Equip./Integrated Circuits for Info Sec
	#2	9A610 Military Aircraft and Related Commodities
	#3	9A619 Military Gas Turbine Engines and Related Commodities
	#4	3A611 Military Electronics
	#5	6A003 Cameras
	#6	EAR99 Items subject to the EAR that are not elsewhere controlled
	#7	9A991 Aircraft N.E.S. and Gas Turbine Engines not Controlled by 9A001 or 9A101...
	#8	0A606 Ground Vehicles and Related Commodities
	#9	0A614 Military Training Equipment
	#10	5D002 "Software" as follows (see List of Items Controlled)

Top Ten ECCNs to South Korea by Shipment Count		
<b>NLR with ECCN</b>	#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...

Source: Automated Export System, retrieved on March 18, 2020

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



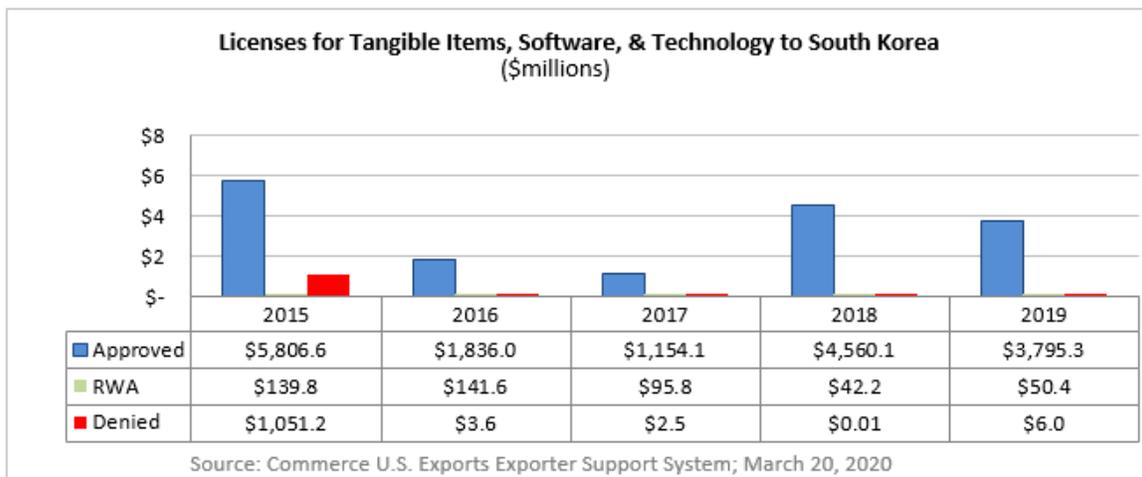
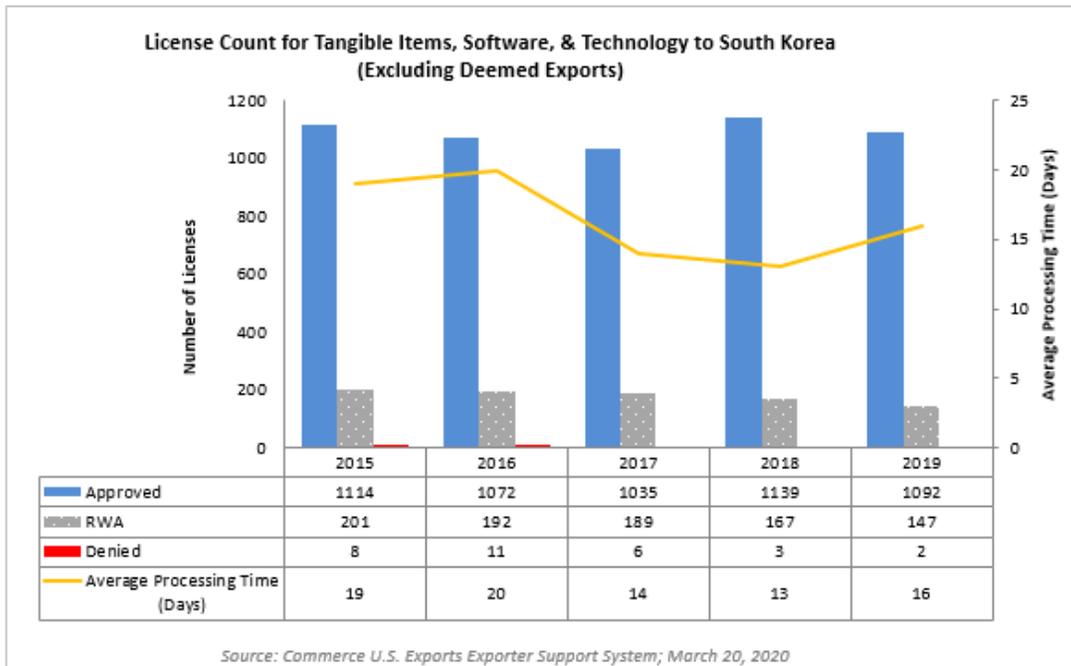
### III. BIS Licensing to South Korea

In 2019, BIS reviewed 1,241 export/re-export applications (not including deemed export applications) valued at \$3.9 billion for South Korea, out of a total of 32,993 applications worldwide for tangible items, software and technology valued at \$512.6 billion.

– Approved applications for South Korea totaled 1,092 (88.0% of the total applications) valued at \$4.6 billion, compared to 28,223 (85.5%) approved for all destinations valued at \$476.7 billion.

In 2019, BIS reviewed six deemed export application from South Korea, out of 1,320 applications worldwide for deemed exports.

– BIS approved all six deemed exports application (100%), compared to the 1,124 (85.2%) approved for all destinations.





Deemed Export Licenses for South Korea			
	Approved	RWA	Denied
2015	6	0	0
2016	6	0	0
2017	3	0	0
2018	1	0	0
2019	6	0	0

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

Top Ten Approved (with deemed) ECCNs to South Korea by Count			2015	2016	2017	2018	2019	% of World Total 2019
<b>APPROVED</b>	#1	<b>9A610</b> Military Aircraft and Related Commodities	265	263	210	247	259	5.1%
	#2	<b>1C351</b> Human and Animal Pathogens and toxins	119	126	146	214	173	17.8%
	#3	<b>3A611</b> Military Electronics	115	171	140	135	116	5.1%
	#4	<b>3A001</b> Electronic Components	95	88	107	95	91	8.2%
	#5	<b>9E610</b> Technology Required for the Development, Productio...	77	88	65	135	77	5.9%
	#6	<b>0A606</b> Ground Vehicles and Related Commodities	47	37	63	56	60	7.4%
	#7	<b>9A619</b> Military Gas Turbine Engines and Related Commoditi...	114	99	70	247	57	5.1%
	#8	<b>6A003</b> Cameras	18	25	22	32	30	2.9%
	#9	<b>3E611</b> Technology Required for Military Electronics	25	48	37	23	23	4.9%
	#10	<b>7A003</b> Inertial Navigation Systems (Gimballing/Strapdown)	0	3	4	96	20	10.4%

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

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

Three Denied (with deemed) ECCNs to South Korea by Count			2019	% of World Total 2019
#1	<b>1B117</b> Batch Mixers with Provision for Mixing Under Vacuum In the Range From ...		1	100.0%
#2	<b>1E101</b> Technology for Development of Equip. Under 1A101		1	100.0%
#3	<b>3A001</b> Electronic Components		1	2.0%

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

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



# Summary

Summary of U.S. Exports to South Korea Calendar Year 2019				
	CY2019	CY2018	% of Total Exports	Percentage Change from previous year
Total Exports	\$56,897,327,116	\$56,506,610,978		0.7%
Subject to ITAR	\$1,678,800,937	\$1,856,054,684	3.0%	-9.6%
Subject to Other Gov. Agencies	\$192,626,947	\$148,620,655	0.3%	29.6%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$394,495,945	100.0%	
VDC	Voluntary Disclosure	\$0	0%	
<b>Total of Licensed</b>		\$394,495,945	0.7%	Total BIS Licensed Exports/ Total Exports
C35	LVS	\$754,384	0.2%	
C36	GBS	\$15,570,883	3.9%	
C38	TSR	\$7,971	0.002%	
C40	TMP	\$5,792,464	1.5%	
C41	RPL	\$59,658,547	15.0%	
C42	GOV	\$30,243,597	7.6%	
C43	GFT	\$92,600	0.02%	
C44	TSU	\$646,516	0.2%	
C46	AVS	\$40,335	0.01%	
C50	ENC	\$171,189,855	43.1%	
C54	SS - Western Red Cedar	\$1,207,500	0.3%	
C53	APP	\$168,332	0.04%	
C59	STA	\$111,469,699	28.1%	
<b>Total of License Exceptions</b>		\$396,842,683	0.7%	Total BIS License Exceptions/ Total Subject to BIS License Requirement
			50.1%	Total BIS License Exceptions/ Total Exports
<b>Total subject to license requirement (Licensed and License Exceptions)</b>		\$791,338,628	1.4%	Total Subject to BIS License Requirement/ Total Exports
C33	NLR with an ECCN	\$6,161,345,055	10.8%	Total NLR with an ECCN/ Total Exports
C60	NLR for .y subparagraph 600-series	\$12,042,637	0.02%	Total NLR Dot Y subparagraph with an ECCN/ Total Exports
<b>Total of NLR</b>		\$6,173,387,692	10.9%	Total NLR with EAR99/ Total Exports
<b>Exports not reporting an ECCN</b>		\$48,061,172,912	84.5%	

Source: U.S. Census Bureau, Foreign Trade Division and Automated Export System, April 1, 2020