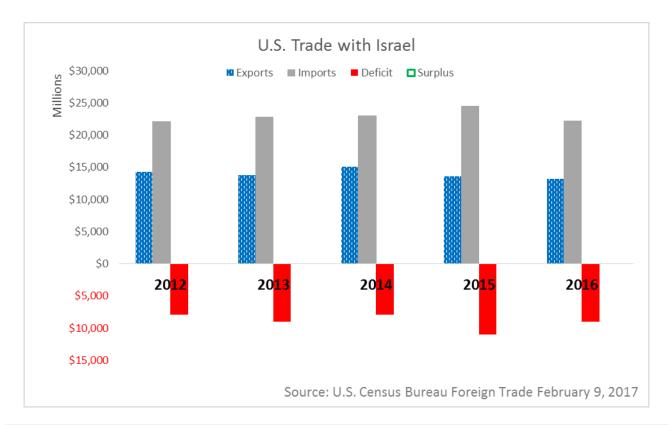


### Office of Technology Evaluation Statistical Analysis of U.S. Trade with Israel

#### I. Total U.S. Trade with Israel

In 2016, U.S. exports to Israel totaled \$13.2 billion, a 2.5% (\$341.6 million) decrease from 2015; U.S. imports from Israel totaled \$22.2 billion, a 9.3% (\$2.3 billion) decrease; and the trade deficit was \$9.0 billion, a 17.6% (\$1.9 billion) decrease in the deficit from 2015.



						Five-year
	2012	2013	2014	2015	2016	Average
EXPORTS	\$14,273.5	\$13,743.7	\$15,065.3	\$13,538.7	\$13,197.1	
Δvalue	\$311.9	-\$529.8	\$1,321.6	-\$1,526.6	-\$341.6	\$14,155.3
Δpct	2.2%	-3.7%	9.6%	-10.1%	-2.5%	
IMPORTS	\$22,131.1	\$22,783.3	\$23,007.0	\$24,477.0	\$22,206.4	
∆value	-\$915.5	\$652.2	\$223.7	\$1,470.0	-\$2,270.6	\$23,099.6
∆pct	-1.1%	2.9%	1.0%	6.4%	-9.3%	
BALANCE	(\$7,857.6)	(\$9,039.6)	(\$7,941.7)	(\$10,938.3)	(\$9,009.4)	
Δvalue	(\$575.2)	(\$1,182.0)	\$1,097.9	(\$2,996.6)	\$1,929.0	(\$8,944.3)
Δpct	-6.3%	15.0%	-12.1%	37.7%	-17.6%	
Values in Millions of U.S. Dollars. Source: U.S. Census Bureau Foreign Trade February 9, 2017						



## Office of Technology Evaluation Statistical Analysis of U.S. Trade with Israel

Of the \$13.2 billion in U.S. exports to Israel in 2016, the top commodity sectors were Stone, Glass & Semiprecious Metals (40.4%), Machinery equipment (19.0%) and Transportation (10.4%).

Of the \$22.2 billion in U.S. imports from Israel in 2016, the top commodity sectors were Stone, Glass & Semiprecious Metals (28.5%) and Chemicals, Plastics, Leather (29.3%).

	U.S. Commodity Trade with Israel for 2016	
Imports from	Israel	US exports to Israel
2.3%	Agriculture (Chapters 01-24)	5.7%
0.2%	Minerals (Chapters 25-27)	0.4%
29.3%	Chemicals, Plastics, Leather (Chapters 28-43)	9.9%
0.4%	Wood Products (Chapters 44-49)	1.0%
1.4%	Textiles and Footwear (Chapters 50-67)	1.0%
28.5%	Stone, Glass, & Semiprecious Metals (Chapters 68-71)	40.4%
1.7%	Base Metals (Chapters 72-83)	2.5%
18.0%	Machinery (Chapter 84-85)	19.0%
2.2%	Transportation (Chapters 86-89)	10.4%
7.2%	Optical, Measuring, Medical or Other instruments (Chapters 90-92)	5.2%
0.8%	Arms and Ammunition (Chapter 93)	1.3%
0.8%	Miscellaneous Manufactured Items (Chapter 94-96)	0.4%
0.1%	Art & Antiques (Chapter 97)	0.3%
7.0%	Special Items (Chapters 98-99** imports only 98)	3.0%
	Source: US Census Bureau, February 9, 2017	

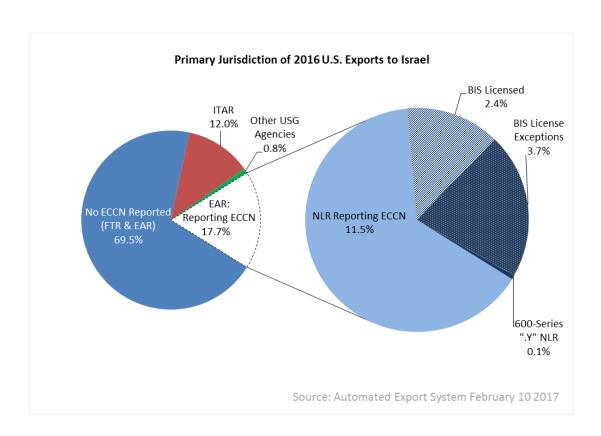


#### II. Exports to Israel subject to US Government Filing Requirements

Of the \$13.2 billion in U.S. exports to Israel in 2016:

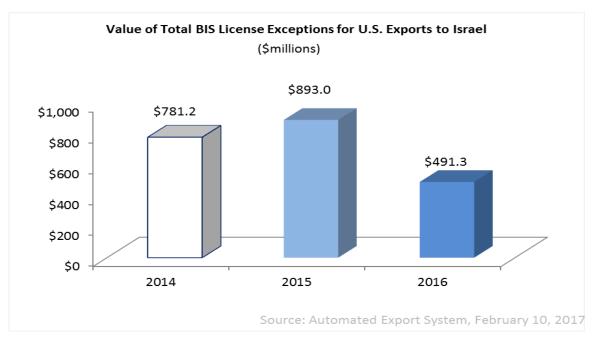
- 6.1% were subject to a BIS license requirement
  - o 2.4% were exported under a BIS license; worldwide, 0.5% were exported under a BIS license.
  - 3.7% were exported under a BIS license exception; worldwide, 1.6% were exported under a BIS license exception.
- 11.5% were exported under No License Required with an ECCN; worldwide, 12.2% were exported under No License Required with an ECCN.

	2014	2015	2016
Department of State	\$1,833.1	\$1,804.6	\$1,583.3
Other USG Agencies	\$229.8	\$69.2	\$109.4
Department of Commerce	\$13,002.3	\$11,664.9	\$11,504.4
BIS Licensed	\$118.6	\$192.9	\$317.0
BIS License Exceptions	\$781.2	\$893.0	\$491.3
NLR reporting an ECCN	\$1,030.4	\$1,264.2	\$1,514.3
NLR not reporting an ECCN	\$11,062.9	\$9,303.4	\$9,168.6
600-Series ".Y" Paragraph NLR	\$9.2	\$11.5	\$13.3
lues in Millic Source: Automated Export System Febr			uary 10 2017

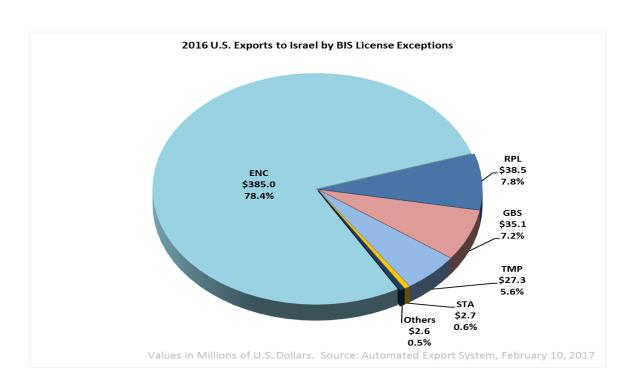




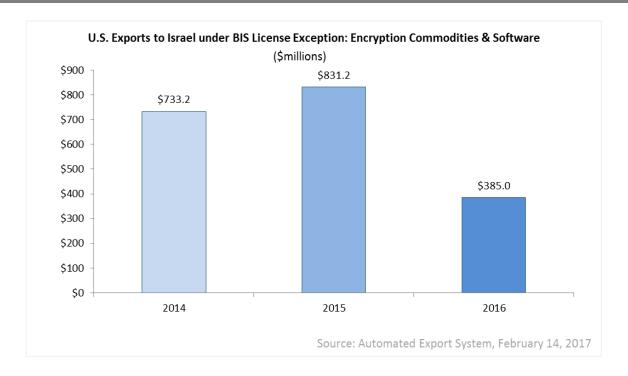
In 2016, U.S. exports to Israel shipped under a BIS license exception totaled \$491.3 million, a 45.0% (\$401.7 million) decrease from 2015



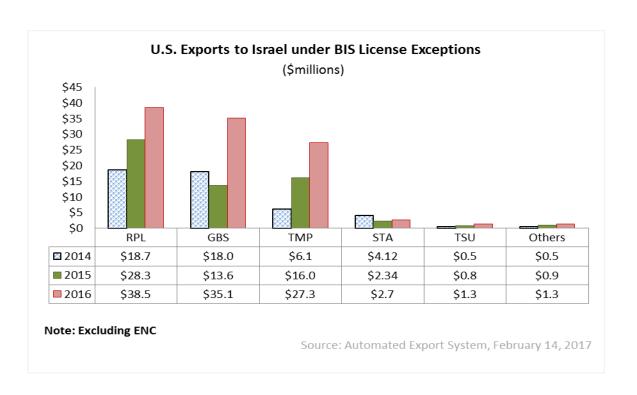
The top license exception Encryption commodities, Software and Technology (ENC) totaled \$385.0 million (78.4% of all license exceptions).







In 2016, U.S. exports to Israel under BIS License Exception Group B Countries (GBS) increased by 58.1% from \$13.6 million to \$35.1 million.





	Тор Т	en ECCN	Is by Value to Israel (\$millions)
	#1	9A610	Military Aircraft and Related Commodities
	#2	9A619	Military Gas Turbine Engines and Related Commodities
Ω	#3	5A002	Systems/Equip./Integrated Circuits for Info Sec
S	#4	0A606	Ground Vehicles and Related Commodities
Z	#5	9A001	Aero Gas Turbine Engines
J	#6	3A611	Military Electronics
Е	#7	1C202	Aluminum and Titanium Alloys In the form of Tubes/
	#8	3B001	Epitaxial Equip. for Semiconductors
	#9	0A604	Commodities Related to Military Explosive Devices and Charges
	#10	9A604	Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes,

	Тор Т	en ECCN	Is by Value to Israel (\$millions)
	#1	5A002	Systems/Equip./Integrated Circuits for Info Sec
S	#2	3B001	Epitaxial Equip. for Semiconductors
Z	#3	9A610	Military Aircraft and Related Commodities
12	#4	9A619	Military Gas Turbine Engines and Related Commodities
	#5	5B002	Test/Inspection/Production Equip for Information S
出	#6	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.
X	#7	7A994	Other "Software" as Follows (See List of Items Controlled).
Ш	#8	3A001	Electronic Devices/Components
	#9	BLANK	No ECCN Reported
	#10	5D002	Software for Information Security

	Top Ten ECCNs by Value to Israel (\$millions)				
	#1	5A992	Information Security Equip.		
K	#2	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.		
$ \mho$	#3	3B991	Other Mfg/Test Equip. Not Controlled By 3B		
Ш	#4	5A991	Transmission Items Not W/I Parameters In 5A001		
Ė	#5	3B992	Equip. for the Inspection/Testing of Components		
3	#6	4A994	Items Not Controlled By 4A001/4A002/4A003		
4	#7	3A991	Electronic Devices and Components		
Z	#8	2B999	Specific Processing Equip., N.E.S.		
	#9	7A994	Other "Software" as Follows (See List of Items Controlled).		
	#10	3A992	General Purpose Electronic Equip.		



	Top Ten ECCNs to Israel by Shipment Count					
	#1	9A610	Military Aircraft and Related Commodities			
	#2	9A619	Military Gas Turbine Engines and Related Commodities			
۱	#3	0A606	Ground Vehicles and Related Commodities			
S	#4	2B350	Chemical Manufacturing Facilities and Equip.			
	#5	3A611	Military Electronics			
O	#6	5A002	Systems/Equip./Integrated Circuits for Info Sec			
	#7	9A604	Commodities Related to Launch Vehicles, Missiles, Rockets, torpedoes,			
	#8	2B230	Pressure Transducers			
	#9	1C202	Aluminum and Titanium Alloys In the form of Tubes/			
	#10	3A981	Polygraphs/Fingerprint Analyzers/Cameras/Equip.			

	Top Ten ECCNs to Israel by Shipment Count					
	#1	5A002	Systems/Equip./Integrated Circuits for Info Sec			
S	#2	9A610	Military Aircraft and Related Commodities			
Z	#3	9A619	Military Gas Turbine Engines and Related Commodities			
12	#4	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.			
	#5	3B001	Epitaxial Equip. for Semiconductors			
出	#6	7A994	Other "Software" as Follows (See List of Items Controlled).			
×	#7	3A001	Electronic Devices/Components			
Ш	#8	5B002	Test/Inspection/Production Equip for Information S			
	#9	5D002	Software for Information Security			
	#10	BLANK	No ECCN Reported			

	Top Ten ECCNs to Israel by Shipment Count					
	#1	9A991	Aircraft and Certain Gas Turbine Engines N.E.S.			
Z	#2	5A992	Information Security Equip.			
5	#3	5A991	Transmission Items Not W/I Parameters In 5A001			
Щ	#4	3B991	Other Mfg/Test Equip. Not Controlled By 3B			
Ė	#5	4A994	Items Not Controlled By 4A001/4A002/4A003			
3	#6	3A991	Electronic Devices and Components			
4	#7	3B992	Equip. for the Inspection/Testing of Components			
Z	#8	7A994	Other "Software" as Follows (See List of Items Controlled).			
	#9	3A992	General Purpose Electronic Equip.			
	#10	2B999	Specific Processing Equip., N.E.S.			

Source: Commerce U.S. Exports Exporter Support System, April 20, 2017



#### III. Licensing to Israel subject to US Government Filing Requirements

In 2016, BIS reviewed 1,224 export/re-export applications (not including deemed export applications) valued at \$2.7 billion for Israel, out of a total of 33,195 applications worldwide valued at \$235.4 billion.

 Approved applications for Israel totaled 1,051 (85.9% of the total applications) for \$2.6 billion, compared to the 28,214 (85.0%) approved applications for all destinations that totaled \$210.3 billion.

