



## Summary

In 2021, U.S. exports to Israel were \$12.8 billion, a 25.8% (\$2.6 billion) increase from 2020; U.S. imports from Israel were \$18.7 billion, a 22.3% (\$3.4 billion) increase; and the trade surplus with Israel was \$5.8 billion, a 15.2% (\$770.9 million) increase.

In 2021, 0.7% of total U.S. exports to the World were exported to Israel and 0.7% of the total U.S. Imports were imported from Israel.

In 2021, the U.S. and Israel Trade in Arms and Ammunitions increased. The U.S. exports increased by 35.3% (\$79.0 million) from \$224.0 million in 2020 to \$303.0 million in 2021, making up 7.1% of all U.S. exports of those commodities worldwide. U.S. imports from Israel also increased by 18.6% (\$27.3 million) from \$146.7 million in 2020 to \$174.0 million in 2021, making up 3.2% of all U.S. imports of those commodities worldwide.

In 2021, the U.S. and Israel Trade in Stone, glass, metals, and pearls increased. The U.S. exports increased by 37.5% (\$856.4 million) from \$2.3million in 2020 to \$3.1 billion in 2021, making up 3.3% of the total U.S. imports of those commodities worldwide; The U.S. imports also increased by 49.4% (\$1.8 billion) from \$3.7 billion in 2020 to \$ 5.5 billion, constituting 4.5% of total imports of those commodities worldwide.

In 2021, U.S. exports to Israel shipped under a BIS license exception authorization totaled \$487.1 million, slightly increasing from \$423.8 million in 2020. Usage of the license exception authorization for Encryption Commodities & Software was \$387.3 million in 2021, a slight increase from \$362.7 million in 2020.

In 2021, BIS reviewed 1,174 export/re-export license applications (not including deemed export applications) for tangible items, software and technology valued at \$3.5 billion for Israel. License applications for Israel counted 2.9% of the World total by license count. BIS approved 1,037 (88.3% of the total applications) for \$3.0 billion, RWA totaled 135 for \$541.0 million, and there were two denied license applications.

In 2021, BIS received no Deemed Export applications from Israeli nationals.

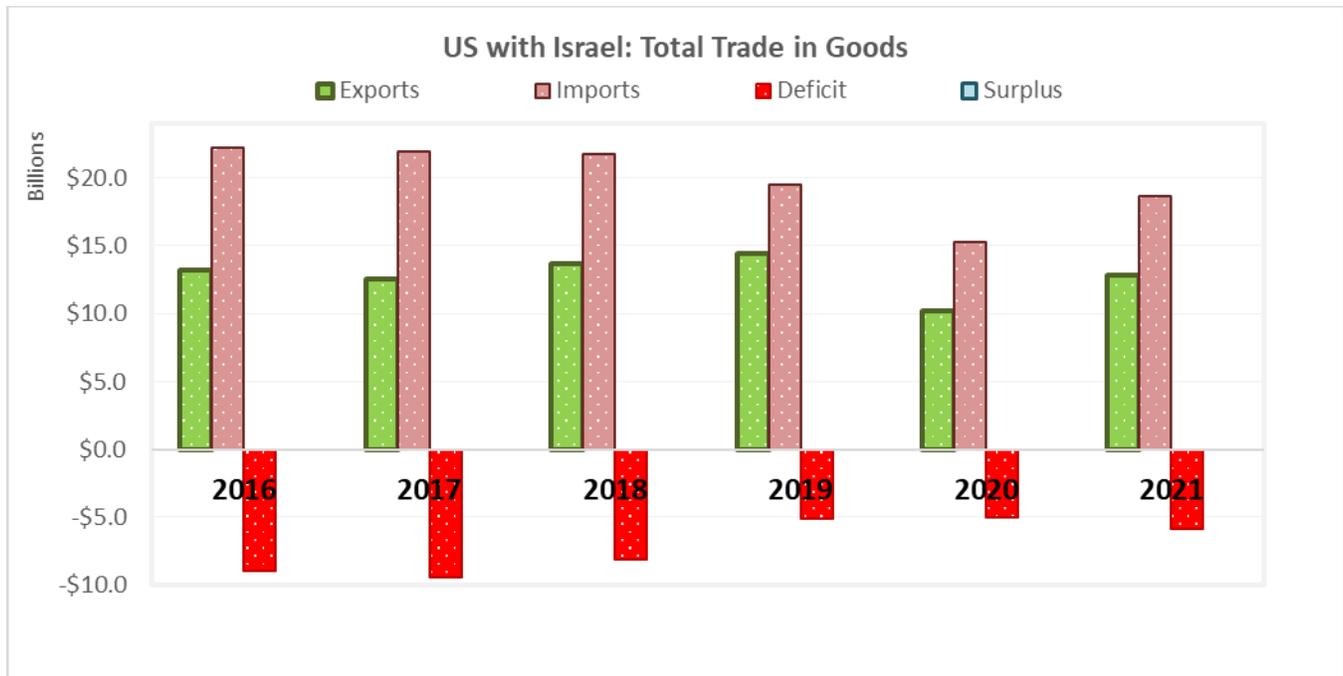
In 2021, the top approved ECCNs, including ECCNs for deemed exports, were 9A610 for Military Aircraft and Related Commodities with 162 approvals, 3A611 for Military Electronics with 85 approvals and 3A001 for Electronic Components with 81 approvals.

In 2021, the average processing time for Israel is 36 days.



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

In 2021, U.S. exports to Israel totaled \$12.8 billion, a 25.8% (\$2.6 billion) increase from 2020; U.S. imports from Israel totaled \$18.7 billion, a 22.3% (\$3.4 billion) increase; and the trade deficit was \$5.8 billion, a 15.2% (\$770.9 million) increase.



In 2021, the level of U.S. exports to Israel is above the prior five-year average level, and the level of U.S. imports from Israel is below the prior five-year average level by value not adjusted for inflation. In the last six years, the U.S. keeps a trade deficit with Israel.

	2016	2017	2018	2019	2020	2021	2016-2020 Average
EXPORTS	\$13,199.4	\$12,547.6	\$13,709.4	\$14,402.6	\$10,188.2	\$12,820.4	\$12,809.4
Δvalue	--	-\$651.9	\$1,161.8	\$693.2	-\$4,214.3	\$2,632.2	
Δpct	--	-4.9%	9.3%	5.1%	-29.3%	25.8%	
IMPORTS	\$22,203.1	\$21,945.0	\$21,786.3	\$19,531.1	\$15,247.2	\$18,650.3	\$20,142.5
Δvalue	--	-\$258.1	-\$158.7	-\$2,255.2	-\$4,283.9	\$3,403.1	
Δpct	--	-1.2%	-0.7%	-10.4%	-21.9%	22.3%	
BALANCE	(\$9,003.6)	(\$9,397.4)	(\$8,076.9)	(\$5,128.6)	(\$5,059.0)	(\$5,829.9)	(\$7,333.1)
Δvalue	--	(\$393.8)	\$1,320.5	\$2,948.3	\$69.6	(\$770.9)	
Δpct	--	4.4%	-14.1%	-36.5%	-1.4%	15.2%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USA Trade Portal February 15, 2022



In 2021, of the \$12.8 billion in U.S. exports to Israel, the top commodity sectors were Machinery and Mechanical Appliances (30.1% of the total U.S. exports), Stone, Glass, Metals and Pearls (24.5%), and Chemicals, Plastics, Rubber and Leather Products (11.9%).

In 2021, of the \$18.7 billion in U.S. imports from Israel, the top commodity sectors were Stone, Glass, Metals and Pearls (29.3%), Machinery and Mechanical Appliances (21.1%), and Chemicals, Plastics, Rubber and Leather Products (19.5%).

Imports from Israel by Sector	Israel Commodity Trade 2021	US exports to Israel by Sector
\$18,650,322,974	Total Value All Commodities	\$12,820,429,334
2.4%	Agriculture (Chapters 01-24)	5.34%
0.5%	Oils, Minerals, Lime, Cement (Chapters 25-27)	3.6%
19.5%	Chemicals, Plastics, Rubber, Leather (Chapters 28-43)	11.9%
0.5%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	0.7%
1.7%	Textiles, Footwear, Headgear (Chapters 50-67)	0.6%
29.3%	Stone, Glass, Metals, Pearls (Chapters 68-71)	24.5%
2.9%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	2.1%
21.1%	Machinery & Mechanical Appliances (Chapters 84-85)	30.1%
2.4%	Transportation Equipment (Chapters 86-89)	9.2%
11.0%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	5.9%
0.9%	Arms & Ammunition (Chapter 93)	2.4%
1.4%	Miscellaneous Manufactured Items (Chapters 94-96)	0.6%
0.1%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.3%
6.3%	Special Items (Chapters 98)	2.8%

Source: U.S. Census Bureau USA Trade Portal February 15, 2022

In 2021, **0.7%** of total **U.S. exports** were shipped to Israel while **0.7%** of total **U.S. Imports** were delivered from Israel.

### The U.S. Trade with Israel in Arms and Ammunition

In 2021, the U.S. and Israel Trade in arms and ammunitions increased. The U.S. exports increased by 35.3% (\$79.0 million) from \$224.0 million in 2020 to \$303.0 million in 2021, making up 7.1% of all U.S. exports of those commodities worldwide. U.S. imports from Israel also increased by 18.6% (\$27.3 million) from \$146.7 million in 2020 to \$174.0 million in 2021, making up 3.2% of all U.S. imports of those commodities worldwide.

### The U.S. Trade with Israel in Stone, Glass, Metals and Pearls

In 2021, the U.S. and Israel Trade in stone, glass, metals, and pearls increased. The U.S. exports increased by 37.5% (\$856.4 million) from \$2.3million in 2020 to \$3.1 billion in 2021, making up 3.3% of the total U.S. imports of those commodities worldwide; The U.S. imports also increased by 49.4% (\$1.8 billion) from \$3.7 billion in 2020 to \$ 5.5 billion, constituting 4.5% of total imports of those commodities worldwide.



# U.S. Exports to Israel subject to U.S. Government Export Control

## II. U.S. Exports to Israel subject to U.S. Government Export Control

In 2021, of the \$12.8 billion in U.S. exports to Israel:

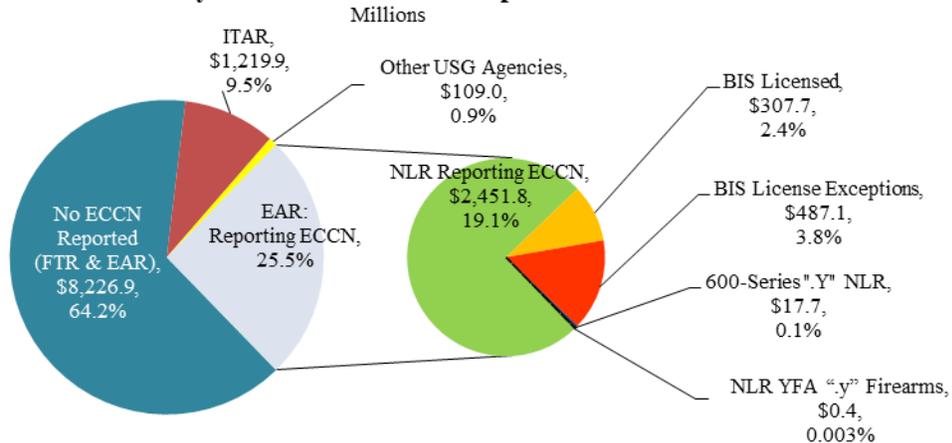
- 6.2% were subject to a BIS license requirement
  - 2.4% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
  - 3.8% were exported under a BIS license exception; Worldwide, 0.8% were exported under a BIS license exception.
- 19.3% were exported under No License Required with an ECCN; Worldwide, 10.0% were exported under No License Required with an ECCN.
  - 0.1% were exported under NLR for .y 600-series items; Worldwide, 0.02% were exported under NLR for .y 600-series items.
  - 0.003% were exported under NLR for 0A501 .y subparagraph Firearms items; Worldwide, 0.001% were exported under NLR for 0A501 .y subparagraph Firearms items.

Israel			
	2019	2020	2021
<b>Department of State</b>	\$1,250.3	\$1,058.1	\$1,219.9
<b>Other USG Agencies</b>	\$76.2	\$56.7	\$109.0
<b>Department of Commerce</b>	\$13,076.1	\$9,072.8	\$11,491.2
BIS Licensed	\$397.3	\$372.1	\$307.7
BIS License Exceptions	\$652.0	\$473.0	\$487.1
NLR reporting an ECCN	\$4,153.9	\$2,214.9	\$2,451.8
NLR not reporting an ECCN	\$7,853.9	\$5,987.0	\$8,226.9
600-Series ".y" paragraph NLR	\$19.0	\$25.9	\$17.7

Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022

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
Israel	X	X	X	X	X	X	X	X	X	X		X		X		

### Primary Jurisdiction of U.S. Exports to Israel in 2021

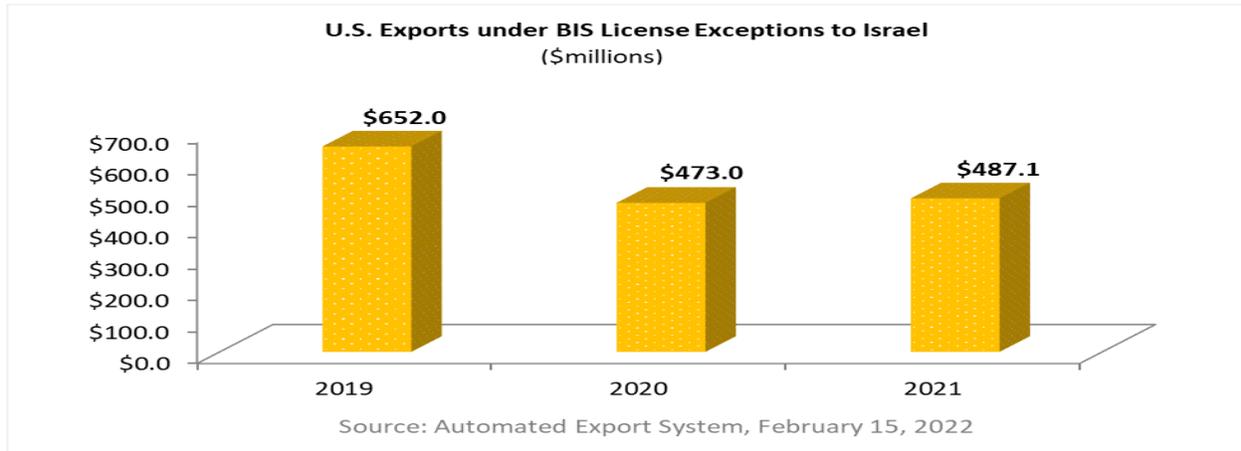


Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022

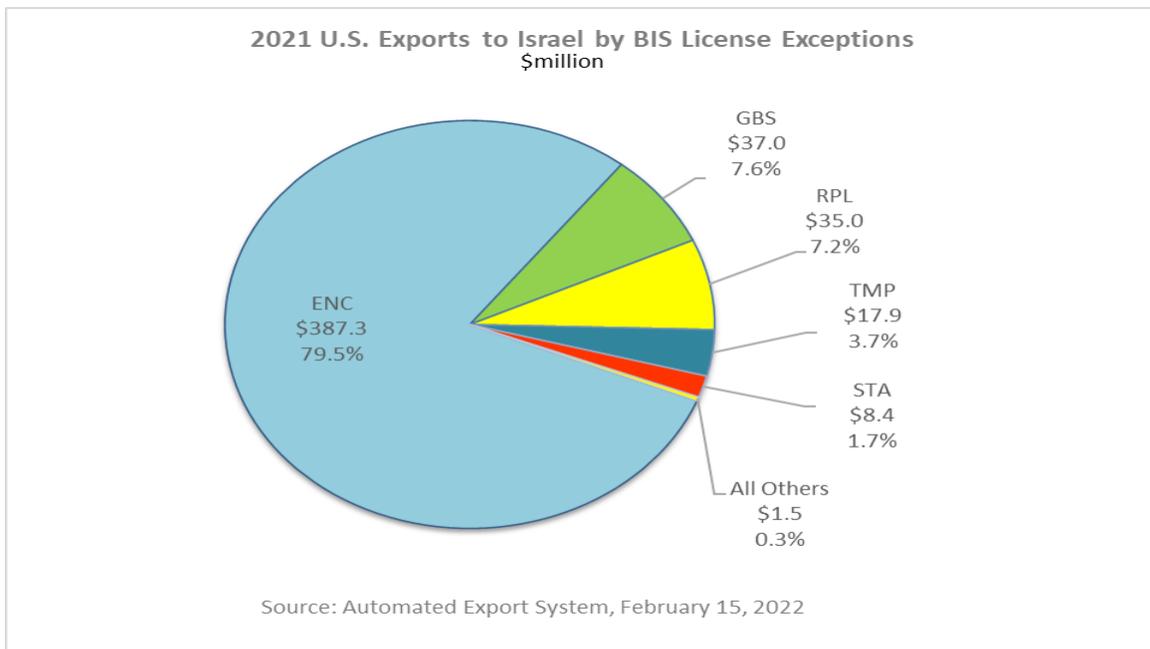


## U.S. Exports to Israel subject to U.S. Government Export Control

In 2021, U.S. exports to Israel shipped under a BIS license exception totaled \$487.1 million, a 3.0% (\$14.1 million) increase from \$473.0 million in 2020.

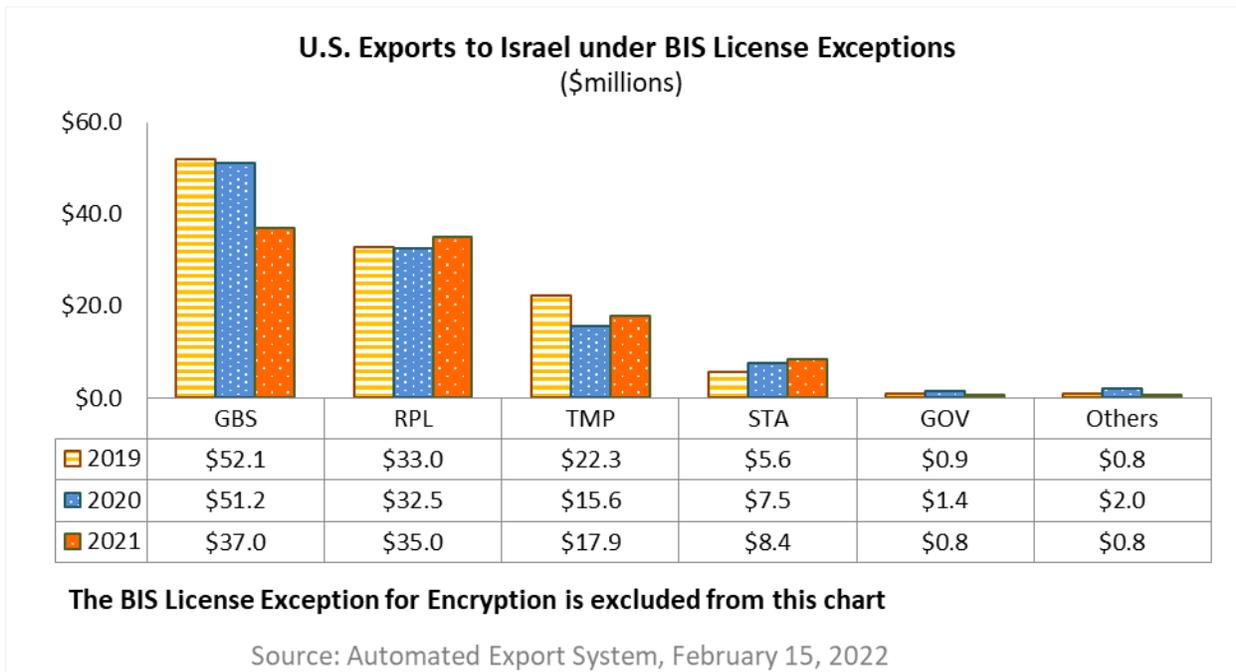
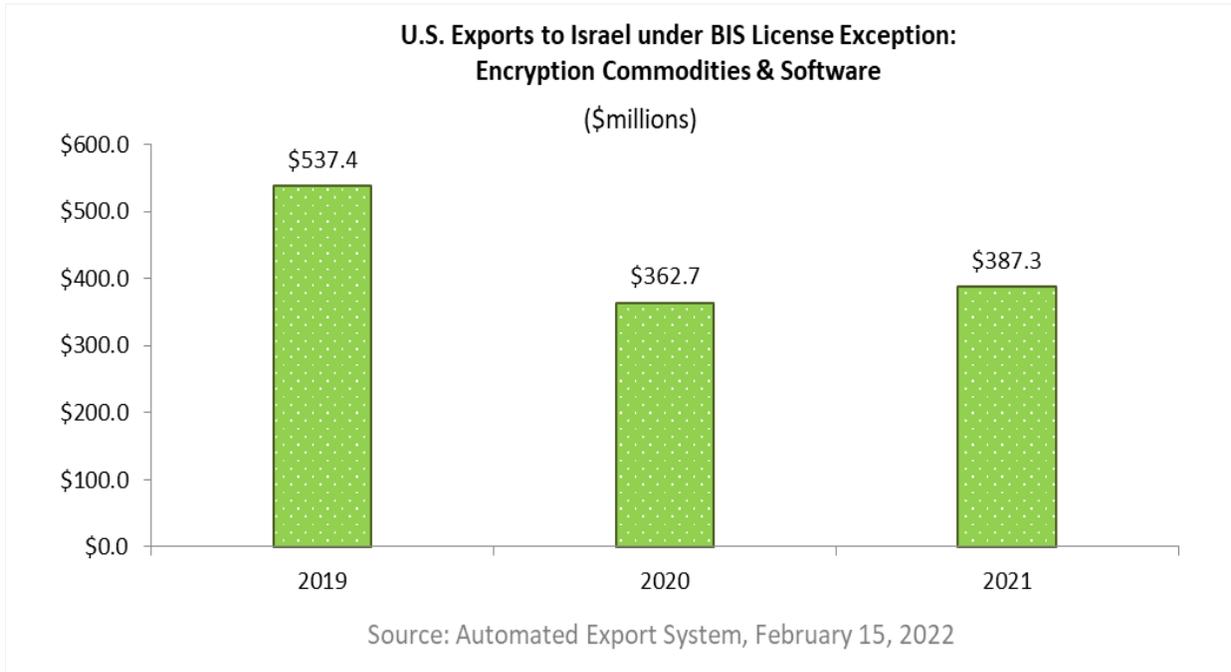


In 2021, the top license exception Encryption commodities, Software and Technology (ENC) totaled \$387.3 million (79.5% of all license exceptions).





## U.S. Exports to Israel subject to U.S. Government Export Control





## U.S. Exports to Israel by Top Ten Export Control Classification Numbers (ECCN)

Top Ten ECCNs by Value to Israel (\$millions)		
<b>LICENSED</b>	#1	9A619 Military gas turbine engines and related commodities (see List of Item
	#2	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#3	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	3A611 Military electronics, as follows (see List of Items Controlled).
	#5	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis
	#6	0A604 Commodities related to military explosive devices and charges (see Lis
	#7	7A003 'Inertial Measurement Equipment or Systems', Having any of the Followi
	#8	9B610 Test, inspection, and production "equipment" and related commodities "
	#9	5A002 "Information security" systems, equipment and "components," as follows
	#10	1A984 Chemical agents, including tear gas formulation containing 1 percent o

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

Top Ten ECCNs by Value to Israel (\$millions)		
<b>EXCEPTIONS</b>	#1	5B002 "Information Security" test, inspection and "production" equipment, as
	#2	5A002 "Information security" systems, equipment and "components," as follows
	#3	3A001 Electronic items as follows (see List of Items Controlled).
	#4	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#5	9A619 Military gas turbine engines and related commodities (see List of Item
	#6	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis
	#7	3A611 Military electronics, as follows (see List of Items Controlled).
	#8	3C003 Organo-inorganic compounds as follows (see List of Items Controlled).
	#9	3A002 General purpose "electronic assemblies," modules and equipment, as fol
	#10	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL

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

Top Ten ECCNs by Value to Israel (\$millions)		
<b>NLR with ECCN</b>	#1	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#2	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#3	3B991 Equipment not controlled by 3B001 for the manufacture of electronic "p
	#4	3A991 Electronic devices, and "components" not controlled by 3A001.
	#5	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#6	3B992 Equipment not controlled by 3B002 for the inspection or testing of ele
	#7	7A994 Other navigation direction finding equipment, airborne communication e
	#8	1C995 Mixtures not controlled by ECCN 1C350, ECCN 1C355 or ECCN 1C395 that c
	#9	3A992 General purpose electronic equipment not controlled by 3A002.
	#10	4A994 Computers, "electronic assemblies" and related equipment not controlle

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



## U.S. Exports to Israel by Top Ten Export Control Classification Numbers (ECCN)

Top Ten ECCNs to Israel by Shipment Count		
<b>LICENSED</b>	#1	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#2	9A619 Military gas turbine engines and related commodities (see List of Item
	#3	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#4	9E610 Technology "required" for the "development," "production," operation,
	#5	3A611 Military electronics, as follows (see List of Items Controlled).
	#6	2B350 Chemical manufacturing facilities and equipment, except valves control
	#7	2B230 All types of "pressure transducers" capable of measuring absolute pres
	#8	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#9	5A002 "Information security" systems, equipment and "components," as follows
	#10	0A504 Optical sighting devices for firearms (including shotguns controlled b

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

Top Ten ECCNs to Israel by Shipment Count		
<b>EXCEPTIONS</b>	#1	5B002 "Information Security" test, inspection and "production" equipment, as
	#2	5A002 "Information security" systems, equipment and "components," as follows
	#3	9A619 Military gas turbine engines and related commodities (see List of Item
	#4	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#5	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#6	3A001 Electronic items as follows (see List of Items Controlled).
	#7	3A611 Military electronics, as follows (see List of Items Controlled).
	#8	5D002 "Software" as follows (see List of Items Controlled).
	#9	1C006 Fluids and lubricating materials, as follows (see List of Items Contro
	#10	9A604 Commodities related to launch vehicles, missiles, and rockets (see Lis

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

Top Ten ECCNs to Israel by Shipment Count		
<b>NLR with ECCN</b>	#1	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#3	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#4	3B991 Equipment not controlled by 3B001 for the manufacture of electronic "p
	#5	7A994 Other navigation direction finding equipment, airborne communication e
	#6	3A991 Electronic devices, and "components" not controlled by 3A001.
	#7	3B992 Equipment not controlled by 3B002 for the inspection or testing of ele
	#8	4A994 Computers, "electronic assemblies" and related equipment not controle
	#9	3A992 General purpose electronic equipment not controlled by 3A002.
	#10	2B999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C

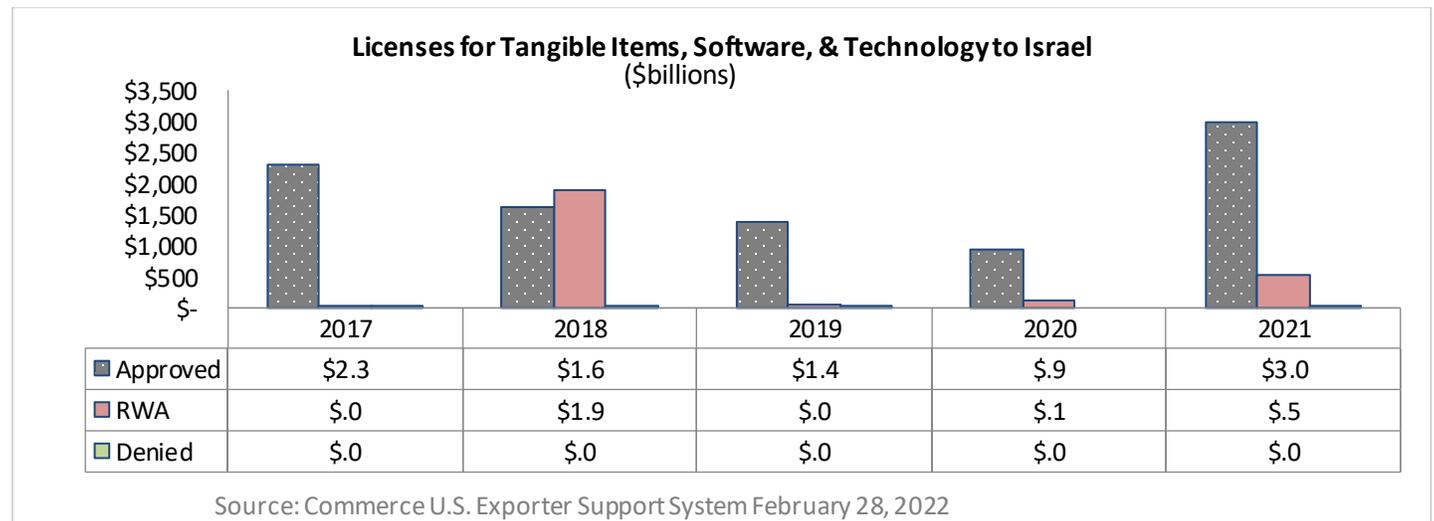
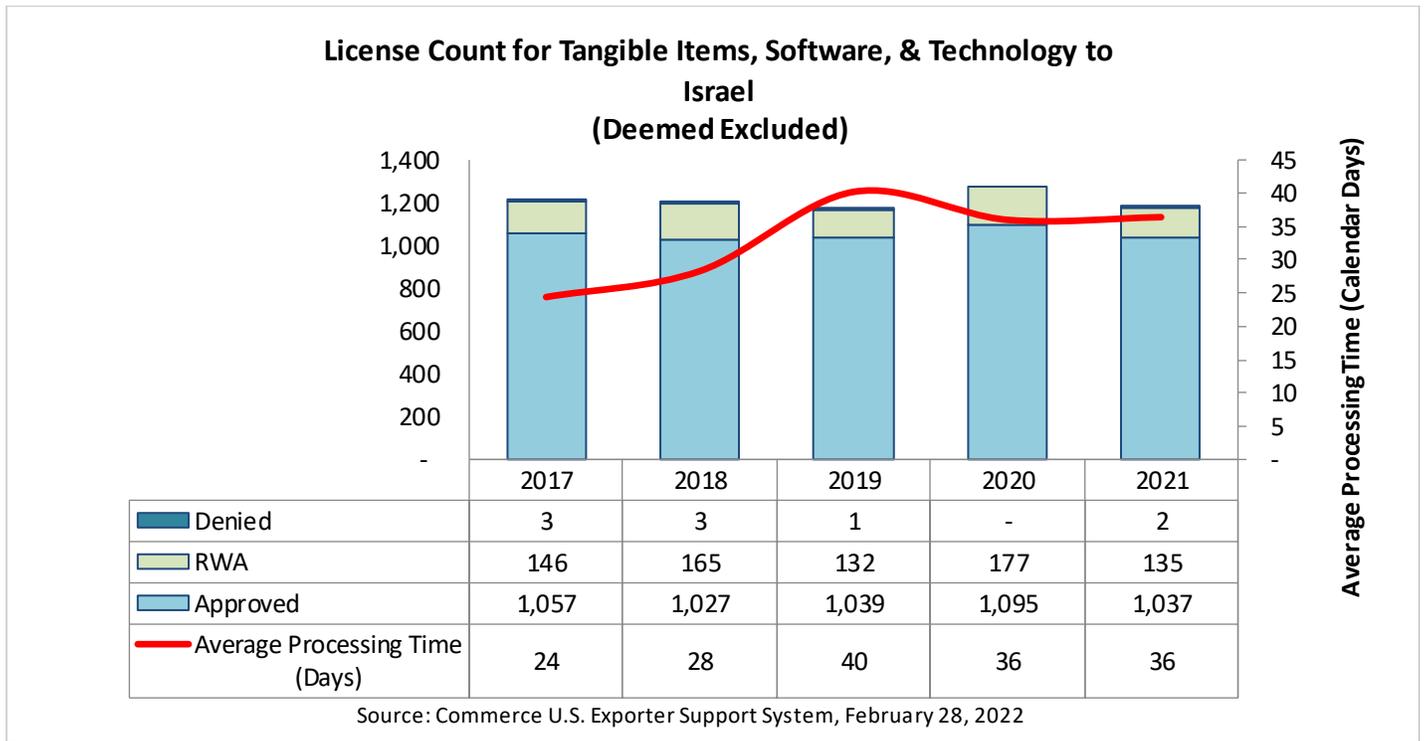
Note: ECCN descriptions have been truncated: please review Commerce Control List for full description



### III. BIS Licensing to Israel

In 2021, BIS reviewed 1,174 export/re-export applications (not including deemed export applications) for tangible items, software, and technology valued at \$3.5 billion for Israel, out of a total of 39,901 applications worldwide for tangible items, software and technology valued at \$1.4 trillion.

– Approved applications for Israel totaled 1,037 (88.3% of the total applications) for \$3.0 billion, compared to 34,369 (86.1%) approved for all destinations valued at \$322.8 billion.





In 2021, there were no Deemed Export applications from Israeli nationals.

Deemed Export Licenses for Nationals of Israel							
2017 - 2021							
Year	Approved	RWA	Denied	Israel Total	World Total	Israel Total/ World Total	
2017	4	1	0	5	1,510	0.3%	
2018	2	1	0	3	967	0.3%	
2019	2	1	0	3	1,302	0.2%	
2020	0	0	0	0	1,212	0.0%	
2021	0	0	0	0	942	0.0%	

Source: Commerce U.S. Exporter Support System, February 28, 2022

The top approved ECNNs (including deemed exports) to Israel by count include: 9A610 for Military Aircraft and Related Commodities with 162 approvals; 3A611 for Military electronics with 85 approvals; and 3A001 for Electronic items with 81 approvals.

Top Ten Approved (with deemed) ECCNs to Israel by Count		2017	2018	2019	2020	2021	% of World Total 2021
<b>APPROVED</b>	#1 <b>9A610</b> Military Aircraft and Related Commodities, Other Than Those Enumerated	164	149	135	135	162	3.1%
	#2 <b>3A611</b> Military electronics, as follows (see List of Items Controlled).	133	109	120	88	85	4.0%
	#3 <b>3A001</b> Electronic items as follows (see List of Items Controlled).	58	83	67	78	81	6.5%
	#4 <b>6A003</b> Cameras, Systems or Equipment, and "Components" Therefor, as Follows	38	50	43	63	63	5.3%
	#5 <b>2B350</b> Chemical manufacturing facilities and equipment, except valves control	64	70	81	71	48	2.2%
	#6 <b>0A501</b> Firearms (except 0A502 shotguns) and related commodities as follows (s	-	-	-	53	40	0.8%
	#7 <b>7A003</b> 'Inertial Measurement Equipment or Systems', Having any of the Followi	2	10	20	25	35	18.4%
	#8 <b>3E611</b> "Technology" "required" for military electronics, as follows (see List	29	16	15	25	31	5.4%
	#9 <b>0A504</b> Optical sighting devices for firearms (including shotguns controlled b	-	-	-	20	28	2.0%
	#10 <b>EAR99</b> Items subject to the EAR that are not elsewhere specified in this CCL	10	23	22	17	27	1.6%

Source: Commerce U.S. Exporter Support System, February 28, 2022

In 2021, BIS denied two license applications for Israel.

Denied (with deemed) ECCNs to Israel by Count		2021	% of World Total 2021
#1	<b>3A611</b> Military electronics, as follows (see List of Items Controlled).	2	28.6%

In 2021, the average processing time for Israel was 36 calendar days.



# Summary of U.S. Exports to Israel

Summary of U.S. Exports to Israel Calendar Year 2021				
	CY2021	CY2020	% of Total Exports	Percentage Change from previous year
Total Exports	\$12,820,429,334	\$10,188,223,388		25.8%
Total Subject to ITAR	\$1,219,852,353	\$1,058,140,919	9.5%	15.3%
Subject to Other Gov. Agencies	\$108,978,466	\$56,695,539	0.9%	92.2%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$307,691,632	100.0%	
VDC	Voluntary Disclosure	\$1,081	0.0%	
<b>Total of Licensed</b>		\$307,692,713	<b>2.4%</b>	Total Licensed/Total Exports
C35	LVS	\$102,372	0.02%	
C36	GBS	\$36,970,942	7.6%	
C38	TSR	\$11,554	0.002%	
C40	TMP	\$17,871,339	3.7%	
C41	RPL	\$34,979,607	7.2%	
C42	GOV	\$778,752	0.2%	
C44	TSU	\$366,737	0.1%	
C46	AVS	\$245,798	0.1%	
C50	ENC	\$387,318,796	79.5%	
C53	APP	\$39,655	0.01%	
C59	STA	\$8,386,603	1.7%	
<b>Total of License Exceptions</b>		\$487,072,175	<b>3.8%</b>	Total License Exceptions/Total Exports
			<b>61.3%</b>	Total License Exceptions/Total Subject to License Requirement
<b>Total subject to license requirement (Licensed and License Exceptions)</b>		\$794,764,888	<b>6.2%</b>	Total Subject to License Requirement/Total Exports
C33	NLR reporting an ECCN	\$2,451,824,500	19.1%	NLR reporting an ECCN/ Total Exports
C60	NLR for 600-Series ".y" subparagraph	\$17,674,483	0.1%	NLR for 600-Series ".y" subparagraph/ Total Exports
C63	NLR for 0A501 .y subparagraph Firearms	\$386,030	0.003%	NLR for 0A501 .y subparagraph firearms/ Total Exports
<b>Total of NLR</b>		\$2,469,885,013	<b>19.3%</b>	Total NLR with an ECCN/ Total Exports
<b>Exports not reporting an ECCN</b>		\$8,226,948,614	<b>64.2%</b>	

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