



Analysis of U.S. Trade with Armenia, 2022

Summary

Imports and exports reported by U.S. Census Bureau¹

In 2022, both U.S. exports to Armenia grew for a third year in a row while imports from Armenia decreased from 2021. U.S. exports totaled \$194.7 million, an increase of 337.1% (\$150.1 million), and U.S. imports totaled \$81.0 million, a decrease of 8.0% (\$7.0 million). The trade surplus was \$113.7 million, increasing 361.6% (\$157.2 million) from the \$43.5 million trade deficit in 2021.

In 2022, 0.01% of total U.S. global exports of \$2.1 trillion were exported to Armenia and 0.002% of total U.S. imports of \$3.2 trillion from all countries were imported from Armenia.

In 2022, \$98.0 million of U.S. exports of Transportation Equipment to Armenia represented 0.04% of U.S. global exports of those commodities.

In 2022, \$36.5 million of U.S. imports of Stone, Glass, Metals, and Pearls from Armenia constituted 0.03% of the total U.S. imports of those commodities.

BIS export data²

In 2022, U.S. exports to Armenia made under a BIS license exception totaled \$615,405, a decrease of 29.4% from \$871,437 in 2021.

In 2022, the top license exception, Encryption Commodities & Software (ENC), totaled at \$365,212 (59.3% of all license exceptions for Armenia), followed by Government & International Organizations (GOV), totaled at \$238,817 (38.8%), and Temporary Imports, Exports, & Re-Exports (TMP), totaled at \$11,376 (1.8%).

¹ Export data in this section refers to trade in “goods” as defined by the U.S. Census: “Merchandise, supplies, raw materials, and products or any other item identified by a Harmonized System (HS) code.” Such data does not capture trade in technologies (e.g., exports made as transmissions or transfers); nor does it capture reexports of US-origin goods or technologies from another country. Nor does it include deemed exports or reexports. <https://www.census.gov/foreign-trade/reference/definitions/index.html#goods>.

² Export data in this section is derived from Automated Export System (AES) filings. Data in this section refers to the export of commodities, software, and technology subject to the Export Administration Regulations (EAR) and regulated as “items.” The data includes exports whether made under a license or a license exception. Such data does not capture trade in technologies (e.g., exports made as transmissions or transfers), nor does it capture reexports of US-origin goods from a third country. Nor does it include deemed exports or deemed reexports.



Analysis of U.S. Trade with Armenia, 2022

BIS licensing data³

In 2022, the number of export license applications for Armenia, excluding applications for deemed exports and reexports, amounted to 0.1% of total applications worldwide.

In 2022, for applications involving commodities, software, and technology (excluding deemed exports and reexports of technology and source code to Armenian nationals in the U.S. or in a third country), BIS reviewed 20 export/re-export license applications valued at \$2.2 million for Armenia, compared to 39,045 applications worldwide valued at \$335.9 billion. BIS denied only one license application. BIS approved 16 applications valued at \$1.4 million with an approval rate of 80.0%, compared to 34,068 approvals worldwide and valued at \$226.1 billion with an approval rate of 87.3%.

In 2022, BIS reviewed 2 applications for deemed exports or reexports involving Armenian nationals, representing 0.1% of total deemed export or reexport applications worldwide. BIS approved 2 of these applications (an approval rate of 100%).

In 2022, the top approved ECCNs on licenses for Armenia were 0A501 for Firearms (except 0A502 shotguns) and related commodities with 3 approvals, followed by 6A003 for Cameras, Systems, or Equipment, and “Components” with 3 approvals, and 1A004 for Protective and Detection Equipment and “Components” with 2 approvals.

In 2022, the average processing time for applications involving Armenia was 65 calendar days.

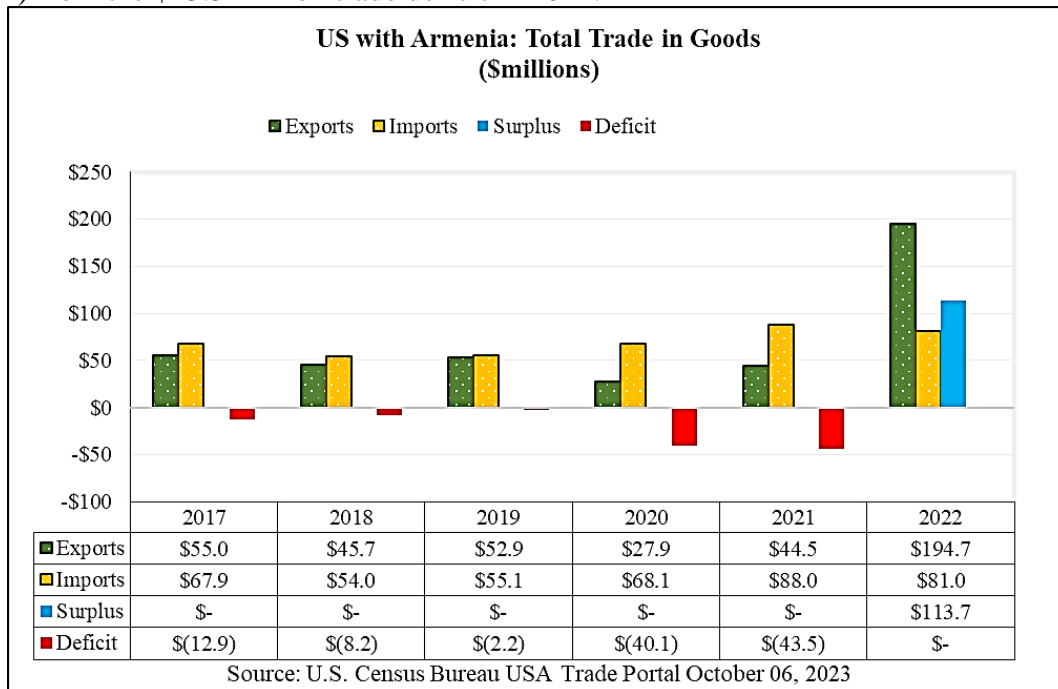
³ Licensing data in this section is drawn from BIS internal systems. Data pertains to applications for export and/or reexport licenses and their associated outcomes. Reexport and export licenses and applications are not differentiated in this report; therefore, references to export licenses or applications should be interpreted as inclusive of reexport licenses and applications as well. All licensing figures include cases of deemed export and/or deemed reexport, unless otherwise noted.



Analysis of U.S. Trade with Armenia, 2022

I. Total U.S. trade in goods with Armenia⁴

In 2022, U.S. exports to Armenia grew for a third year in a row while imports from Armenia decreased from 2021. U.S. exports totaled \$194.7 million, an increase of 337.1% (\$150.1 million), and U.S. imports totaled \$81.0 million, a decrease of 8.0% (\$7.0 million). The trade surplus was \$113.7 million, increasing 361.6% (\$157.2 million) from the \$43.5 million trade deficit in 2021.



In 2022, the level of U.S. exports to Armenia and U.S. imports from Armenia in goods, merchandise, and commodities as well as the trade surplus with Armenia all exceeded the prior five-year average level by value (not adjusted for inflation).

	2017	2018	2019	2020	2021	2022	2017-2021 Average
EXPORTS	\$55.0	\$45.7	\$52.9	\$27.9	\$44.5	\$194.7	\$45.2
Δvalue	--	-\$9.3	\$7.2	-\$25.0	\$16.6	\$150.1	
Δpct	--	-16.8%	15.7%	-47.2%	59.5%	337.1%	
IMPORTS	\$67.9	\$54.0	\$55.1	\$68.1	\$88.0	\$81.0	\$66.6
Δvalue	--	-\$13.9	\$1.1	\$13.0	\$19.9	-\$7.0	
Δpct	--	-20.5%	2.1%	23.5%	29.3%	-8.0%	
BALANCE	\$(12.9)	\$(8.2)	\$(2.2)	\$(40.1)	\$(43.5)	\$113.7	\$(21.4)
Δvalue	--	\$4.6	\$6.0	(\$37.9)	(\$3.3)	\$157.2	
Δpct	--	-36.0%	-73.3%	1722.9%	8.3%	-361.6%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USA Trade Portal October 06, 2023

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Analysis of U.S. Trade with Armenia, 2022

In 2022, of \$194.7 million in U.S. exports to Armenia, the top commodity sectors were Transportation Equipment (50.3% of the total exports to the country), Machinery & Mechanical Appliances (25.0% of such total), and Chemicals, Plastics, Rubber, and Leather Goods (8.1% of such total).

In 2022, of \$81.0 million in U.S. imports from Armenia, the top commodity sectors were Stone, Glass, Metals, and Pearls (45.1% of the total U.S imports from the country), Agriculture Products (24.1% of such total) and Machinery and Mechanical Appliances (11.6% of such total).

Imports from Armenia By Sector	Armenia Commodity Trade 2022	US Exports to Armenia by Sector
\$80,964,228	Total Value All Commodities	\$194,660,837
24.1%	Agriculture Products (Chapters 01-24)	4.3%
0.0%	Oils, Minerals, Lime, Cement (Chapters 25-27)	0.2%
0.8%	Chemicals, Plastics, Rubber, Leather Goods (Chapters 28-43)	8.1%
0.2%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	0.1%
10.9%	Textiles, Footwear, Headgear (Chapters 50-67)	0.7%
45.1%	Stone, Glass, Metals, Pearls (Chapters 68-71)	4.2%
3.1%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	0.3%
11.6%	Machinery & Mechanical Appliances (Chapters 84-85)	25.0%
0.1%	Transportation Equipment (Chapters 86-89)	50.3%
0.4%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	3.7%
0.0%	Arms & Ammunition (Chapter 93)	0.2%
0.9%	Miscellaneous Manufactured Items (Chapters 94-96)	0.4%
0.4%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.3%
0.5%	Special Classification Items (Chapter 98)	2.4%
1.8%	Temporary Legislation (Chapter 99)	0.0%
Source: U.S. Census Bureau USA Trade Portal October 06, 2023		

In 2022, 0.01% of total U.S. global exports of \$2.1 trillion were exported to Armenia and 0.002% of total U.S. imports of \$3.2 trillion from all countries were imported from Armenia.

Exports

In 2022, \$98.0 million of U.S. exports of Transportation Equipment to Armenia represented 0.04% of U.S. global exports of those commodities. Additionally, \$48.6 million of exports of Machinery & Mechanical Appliances represented 0.01%, and \$8.1 million of Stone, Glass, Metals, and Pearls represented 0.01% of U.S. global exports of those commodities.

Imports

In 2022, \$36.5 million of U.S. imports of Stone, Glass, Metals, and Pearls from Armenia constituted 0.03% of the total U.S. imports of those commodities. Additionally, \$19.5 million of imports of Agriculture Products represented 0.01%, and the \$1.5 million of imports of Products under Temporary Legislation represented 0.01% of the global U.S. imports of those commodities.



Analysis of U.S. Trade with Armenia, 2022

II. U.S. Exports to Armenia Subject to BIS Export Controls⁵

In 2022, of the \$194.7 million⁶ in U.S. exports to Armenia:

- \$803,448, or 0.4% of the total value, were exported under a BIS license;
- \$615,405, or 0.3% of the total value, were exported under a BIS license exception;
- \$8.2 million, or 4.2%, were exported under No License Required (NLR) reporting an ECCN⁷;

For comparison, globally:

- 0.4% of U.S. exports by dollar value were exported under a BIS license;
- 0.8% were exported under a BIS license exception;
- 9.6% of exports were exported under NLR reporting an ECCN;

Armenia				
		2020	2021	2022
	Licensed by BIS	\$0.1	\$0.6	\$0.8
	BIS License Exceptions	\$0.4	\$0.9	\$0.6
	NLR reporting an ECCN [8]	\$0.6	\$2.7	\$8.2
	NLR DY6 600-Series .y subparagraph [9]	\$0.0	\$0.0	\$0.0
	NLR YFA 0A501 .y subparagraph firearms [10]	\$0.0	\$0.0001	\$0.0
Values in Millions of U.S. Dollars. Source: Automated Export System		February 15, 2023		

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
Armenia	X	X	X	X		X	X	X	X	X		X	X			

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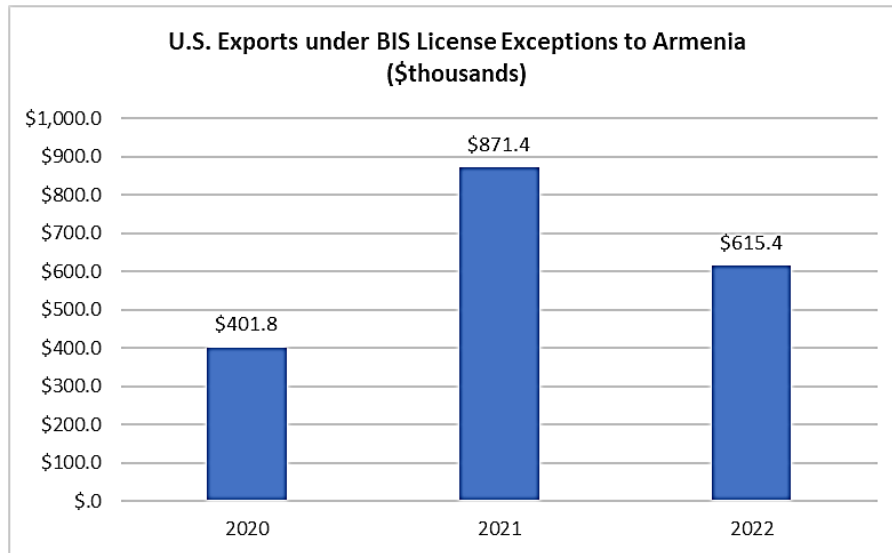
⁶ This figure is reported by the U.S. Census Bureau. “Total exports” refers to “goods” as defined by the U.S. Census: “Merchandise, supplies, raw materials, and products or any other item identified by a Harmonized System (HS) code.” Such data does not capture trade in technologies (e.g., exports and imports made as transmissions or transfers), nor does it capture reexports of US-origin goods from another country <https://www.census.gov/foreign-trade/reference/definitions/index.html#goods>.

⁷ Line items reported in AES as license type C33 with an ECCN. Excludes items classified as EAR99.

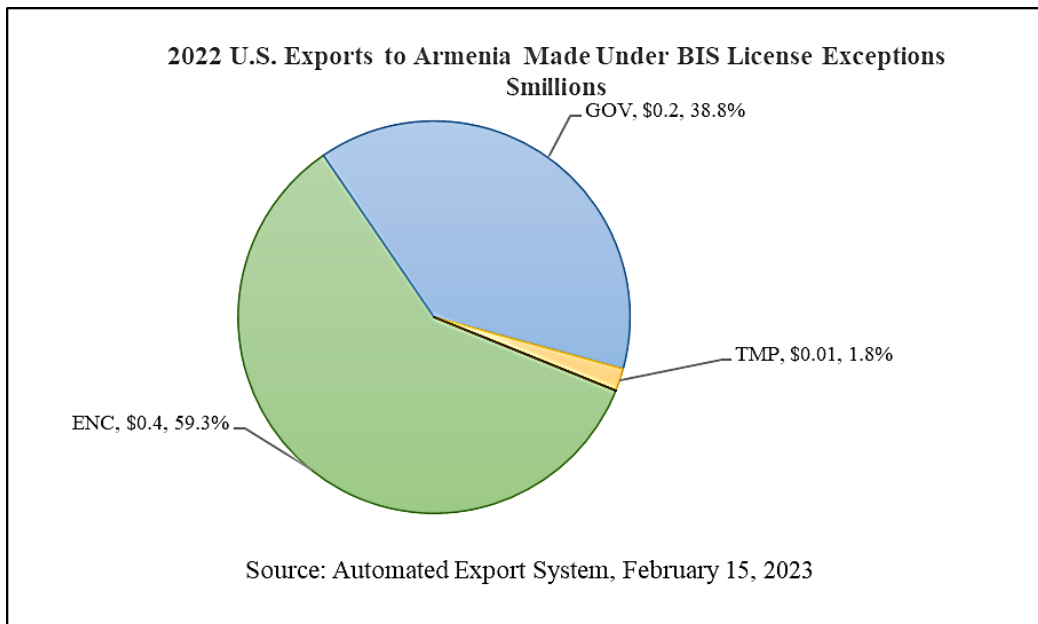


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ENC: Encryption commodities, software, and technology

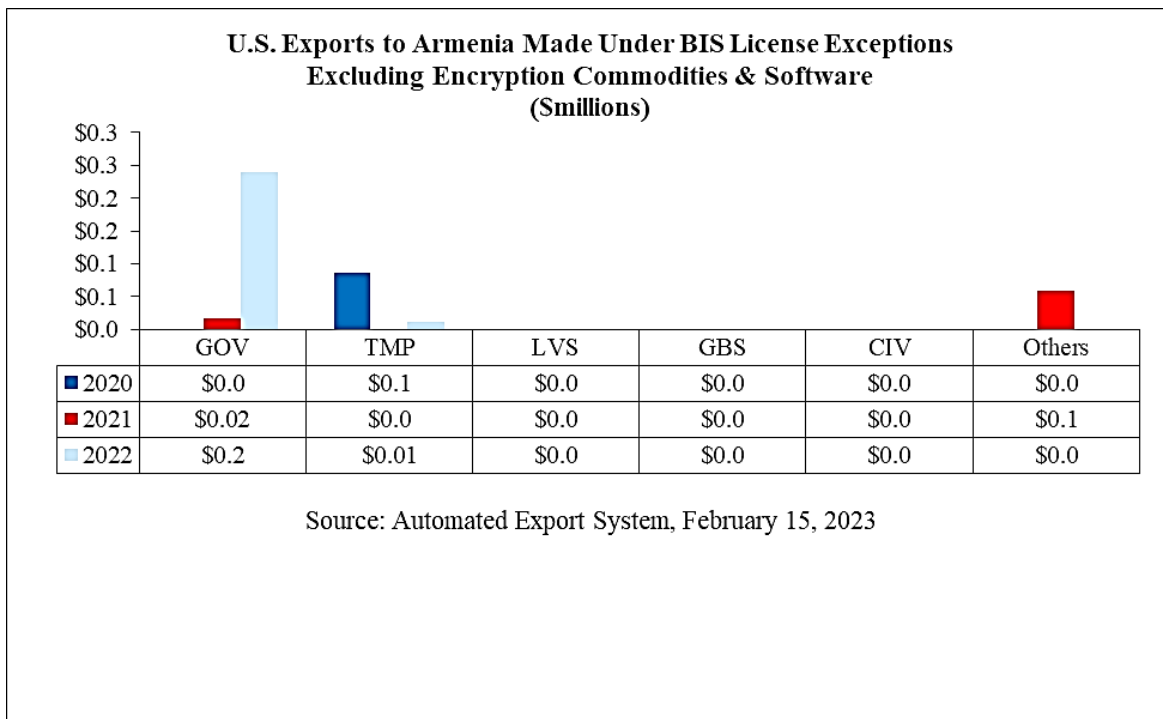
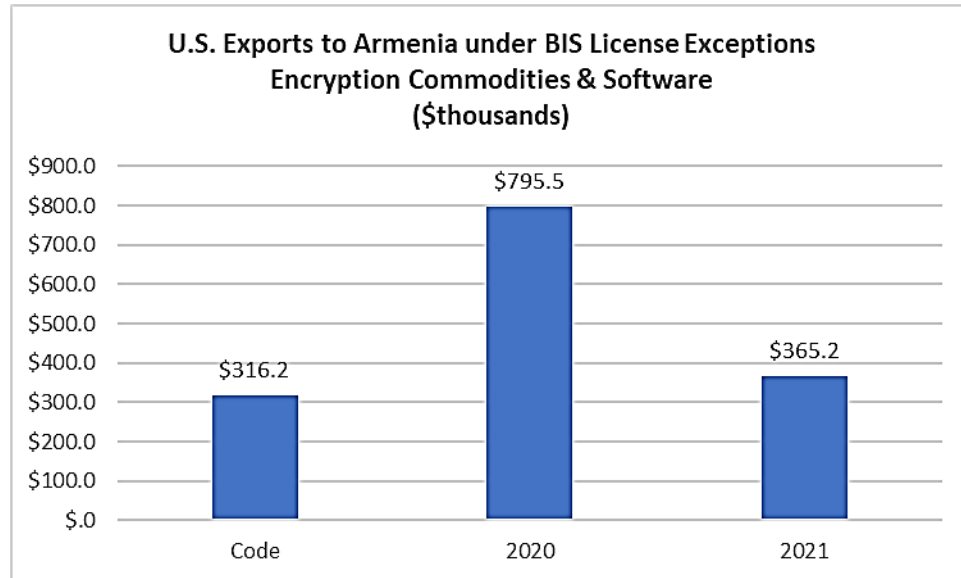
GOV: Governments & International Organizations

TMP: Temporary imports, exports, reexports, and transfers (in-country)



Analysis of U.S. Trade with Armenia, 2022

In 2022, U.S. exports to Armenia shipped under BIS license exception ENC totaled \$365,212, a 54.1% decrease from \$795,544 in 2021.





Analysis of U.S. Trade with Armenia, 2022

LICENSED	Top ECCNs Reported on Exports to Armenia, by aggregate shipment value (\$thousands)		
	#1	3A001	Electronic items as follows (see List of Items Controlled).
	#2	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#3	0A978	Law enforcement striking weapons, including saps, police batons, side
	#4	1A004	Protective and Detection Equipment and "Components," Not "Specially De
	#5	2B350	Chemical manufacturing facilities and equipment, except valves control
	#6	6A003	Cameras, Systems or Equipment, and "Components" Therefor, as Follows (
	#7	1A985	Fingerprinting powders, dyes, and inks.
	#8	1A613	Armored and protective "equipment" and related commodities, as follows
	#9	3A233	Mass spectrometers, capable of measuring ions of 230 atomic mass units
	#10	5A002	"Information security" systems, equipment and "components," as follows

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

EXCEPTIONS	Top ECCNs Reported on Exports to Armenia, by aggregate shipment value (\$thousands)		
	#1	5A002	"Information security" systems, equipment and "components," as follows
	#2	1A006	Equipment, "specially designed" or modified for the disposal of Improv
	#3	1A004	Protective and Detection Equipment and "Components," Not "Specially De
	#4	5A992	Equipment not controlled by 5A002 (see List of Items Controlled).
	#5	5D992	"Information Security" "software" not controlled by 5D002 as follows (
	#6	6A003	Cameras, Systems or Equipment, and "Components" Therefor, as Follows (
	#7	7A994	Other navigation direction finding equipment, airborne communication e
	#8	EAR99	Items subject to the EAR that are not elsewhere specified in this CCL
	#9	9A991	"Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#10	5A992	Equipment not controlled by 5A002 (see List of Items Controlled).

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

NLR with ECCN	Top ECCNs Reported on Exports to Armenia, by aggregate shipment value (\$thousands)		
	#1	5A991	Telecommunication equipment, not controlled by 5A001 (see List of Item
	#2	3A991	Electronic devices, and "components" not controlled by 3A001.
	#3	9E991	"Technology", for the "development", "production" or "use" of equipmen
	#4	7A994	Other navigation direction finding equipment, airborne communication e
	#5	3A999	Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#6	5D992	"Information Security" "software" not controlled by 5D002 as follows (
	#7	3A992	General purpose electronic equipment not controlled by 3A002.
	#8	6A992	Optical Sensors, not controlled by 6A002, as follows (see List of Item

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

Source: Automated Export System



Analysis of U.S. Trade with Armenia, 2022

LICENSED	Top ECCNs Reported on Exports to Armenia, by shipment count [1]		
	#1	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#2	3A001	Electronic items as follows (see List of Items Controlled).
	#3	1A004	Protective and Detection Equipment and “Components,” Not “Specially De
	#4	1A985	Fingerprinting powders, dyes, and inks.
	#5	0A978	Law enforcement striking weapons, including saps, police batons, side
	#6	2B350	Chemical manufacturing facilities and equipment, except valves control
	#7	6A003	Cameras, Systems or Equipment, and “Components” Therefor, as Follows (
	#8	1A613	Armored and protective “equipment” and related commodities, as follows
	#9	3A233	Mass spectrometers, capable of measuring ions of 230 atomic mass units
	#10	5A002	“Information security” systems, equipment and “components,” as follows

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

EXCEPTIONS	Top ECCNs Reported on Exports to Armenia, by shipment count [1]		
	#1	5A002	“Information security” systems, equipment and “components,” as follows
	#2	1A006	Equipment, “specially designed” or modified for the disposal of Improv
	#3	1A004	Protective and Detection Equipment and “Components,” Not “Specially De
	#4	5A992	Equipment not controlled by 5A002 (see List of Items Controlled).
	#5	5D992	“Information Security” “software” not controlled by 5D002 as follows (
	#6	6A003	Cameras, Systems or Equipment, and “Components” Therefor, as Follows (
	#7	7A994	Other navigation direction finding equipment, airborne communication e
	#8	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

NLR with ECCN	Top ECCNs Reported on Exports to Armenia, by shipment count [1]		
	#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	5A991	Telecommunication equipment, not controlled by 5A001 (see List of Item
	#4	7A994	Other navigation direction finding equipment, airborne communication e
	#5	3A991	Electronic devices, and “components” not controlled by 3A001.
	#6	5D992	“Information Security” “software” not controlled by 5D002 as follows (
	#7	1C992	Commercial charges and devices containing energetic materials, n.e.s.
	#8	3A992	General purpose electronic equipment not controlled by 3A002.
	#9	3A999	Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#10	4A994	Computers, “electronic assemblies” and related equipment not controlle

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

[1] Source: Automated Export System. Shipment count is the number of distinct AES filings containing the given ECCN.

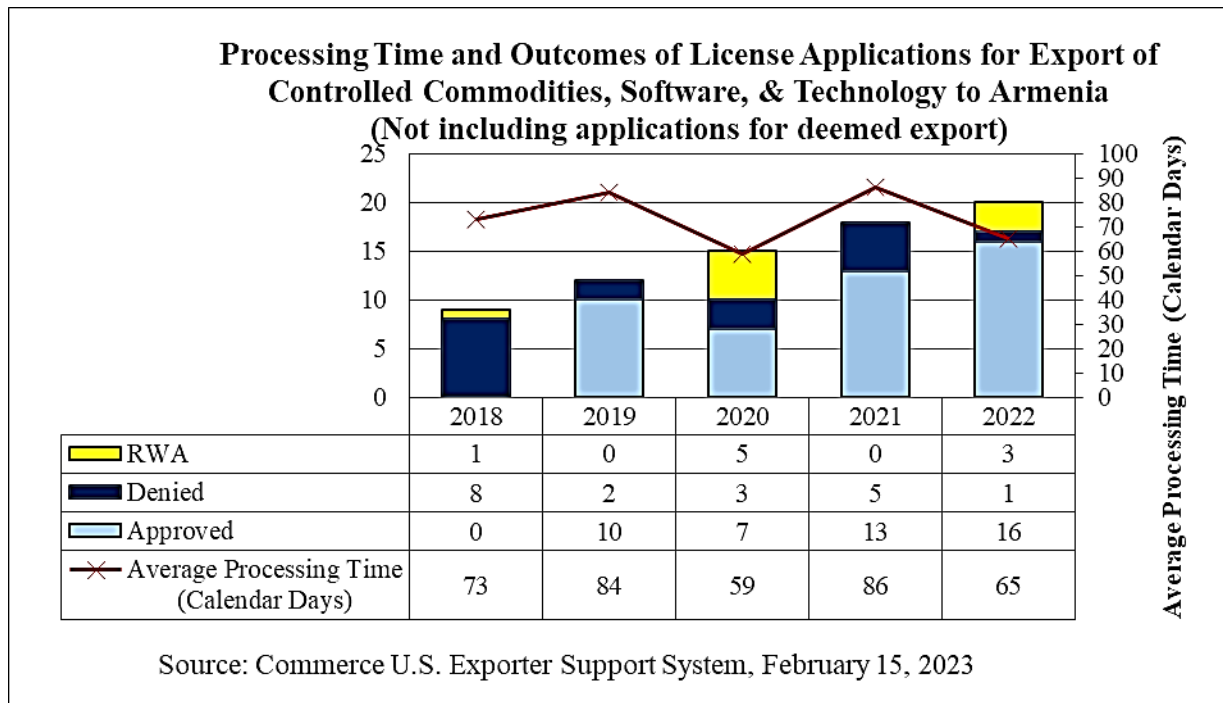


Analysis of U.S. Trade with Armenia, 2022

III. BIS Licensing Involving Armenia⁸

In 2022, the number of export license applications for Armenia, excluding applications for deemed exports and reexports, amounted to 0.1% of total applications worldwide.

In 2022, for applications involving commodities, software, and technology (excluding deemed exports and reexports of technology and source code to Armenian nationals in the U.S. or in a third country), BIS reviewed 20 export/re-export license applications valued at \$2.2 million for Armenia, compared to 39,045 applications worldwide valued at \$335.9 billion. BIS denied one license application. BIS approved 16 applications valued at \$1.4 million with an approval rate of 80.0%, compared to 34,068 approvals worldwide and valued at \$226.1 billion with an approval rate of 87.3%.

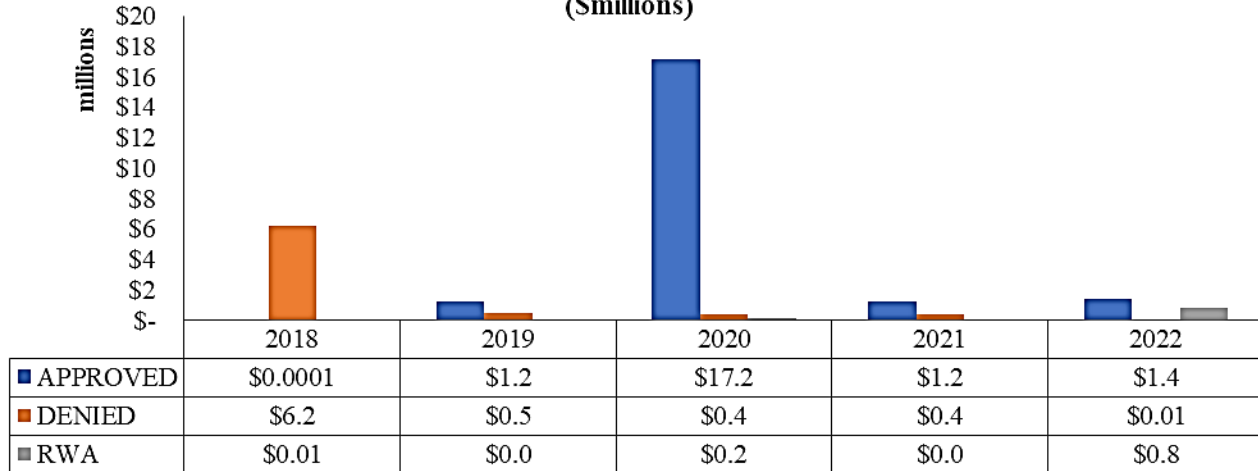


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Analysis of U.S. Trade with Armenia, 2022

Values of License Applications for Export of Controlled Commodities, Software, & Technology to Armenia, by Outcome (Smillions)



Source: Commerce U.S. Exporter Support System, February 15, 2023

In 2022, BIS reviewed 2 applications for deemed exports or reexports involving Armenian nationals, representing 0.1% of total deemed export or reexport applications worldwide. BIS approved 2 of these applications (an approval rate of 100%).

In the last five years, there were no denials for applications for deemed exports or reexports involving Armenian nationals.

Count of License Applications for Deemed Export, By Outcome, For Nationals of Armenia						
2018-2022						
Year	APPROVED	DENIED	RWA	Armenia Total	Worldwide Total	Armenia Total/World Total
2018	3	0	0	3	969	0.3%
2019	1	0	0	1	1,308	0.1%
2020	1	0	1	2	1,207	0.2%
2021	0	0	0	0	924	0.2%
2022	2	0	0	2	1,457	0.1%

Source: Commerce U.S. Exporter Support System, February 15, 2023

In 2022, the top approved ECCNs on licenses for Armenia were 0A501 for Firearms (except 0A502 shotguns) and related commodities with 3 approvals, followed by 6A003 for Cameras, Systems, or Equipment, and “Components” with 3 approvals, and 1A004 for Protective and Detection Equipment and “Components” with 2 approvals.



Office of Technology Evaluation

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Analysis of U.S. Trade with Armenia, 2022

Top ECCNs Approved for Export to Armenia, by Number of Licenses					2018	2019	2020	2021	2022	% of worldwide total
APPROVED	#1	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s		-	-	1	5	3	0.1%
	#2	6A003	Cameras, Systems or Equipment, and "Components" Therefor, as Follows (-	3	-	-	3	0.2%
	#3	1A004	Protective and Detection Equipment and "Components," Not "Specially De		-	2	-	-	2	0.5%
	#4	7A103	Instrumentation, navigation equipment and systems, other than those co		-	1	-	-	2	0.5%
	#5	0A978	Law enforcement striking weapons, including saps, police batons, side		-	-	-	-	1	1.4%
Source: Commerce U.S. Exporter Support System, February 15, 2023										

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

ECCNs on Denied License Applications for Export to Armenia					2022	% of World Total
Denied	#1	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s		1	2.4%
Source: Commerce U.S. Exporter Support System, February 15, 2023						

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

In 2022, the average processing time for applications involving Armenia was 65 calendar days.

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Analysis of U.S. Trade with Armenia, 2022

Summary of U.S. Exports to Armenia Calendar Year 2022				
	2021	2022	% change	% of total exports 2022
Total Exports [1]	\$ 44,538,182	\$ 194,660,837	337.1%	
EAR Controlled Exports [2]				
	2021	2022	% change	% of total exports 2022
C30 - Licenses	\$ 610,637	\$ 803,448	31.6%	0.4%
License Exceptions [2]	2021	2022	% of total license exceptions 2022	% of total exports 2022
C50 - ENC	\$ 795,544	\$ 365,212	59.3%	0.2%
C42 - GOV	\$ 17,389	\$ 238,817	38.8%	0.1%
C40 - TMP	\$ -	\$ 11,376	1.8%	0.01%
C44 - TSU	\$ 58,504	\$ -	0.0%	0.0%
Subtotal License Exceptions	\$ 871,437.00	\$ 615,405.00		0.3%
Total of Licensed Exports and License Exceptions	\$ 1,482,074.00	\$ 1,418,853.00		0.7%
NLR [2]	2021	2022	% of total NLR 2022	% of total exports 2022
C33 - NLR with an ECCN	\$ 2,664,862	\$ 8,227,053	100.0%	4.2%
C60 - NLR for 600-series .y subparagraph	\$ -	\$ -	0.0%	0.0%
C63 - NLR for 0A501 .y subparagraph Firearms	\$ 63	\$ -	0.0%	0.0%
Subtotal NLR	\$ 2,664,925	\$ 8,227,053		4.2%

[1] Source: U.S. Census. Refers to trade in “goods” as defined by the U.S. Census: “Merchandise, supplies, raw materials, and products or any other item identified by a Harmonized System (HS) code.” Such data does not capture trade in technologies (e.g., exports made as transmissions or transfers); nor does it capture reexports of US-origin goods or technologies from another country. Nor does it include deemed exports or reexports.

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