



Summary

In 2021, U.S. exports to Canada totaled \$307.0 billion, a 20.2% (\$51.6 billion) increase from 2020; U.S. imports from Canada totaled \$357.2 billion, a 32.1% (\$86.8 billion) increase; and the trade deficit was \$50.2 billion, a 236.2% (\$35.2 billion) increase.

In 2021, of the \$307.0 billion in U.S. exports to Canada, the top commodity sectors were Machinery and Mechanical Appliances (22.2%), Transportation Equipment (17.0%), and Chemicals, Plastics, Rubber, and Leather products (16.4%). In 2021, of the \$357.2 billion in U.S. imports from Canada, the top commodity sectors were Oils, Minerals, Lime, and Cement (29.5%), Transportation Equipment (12.4%), and Chemicals, Plastics, Rubber, and Leather products (11.0%).

Canada maintains a significant share of the U.S.-World Trade. In 2021, **17.5%** of total *U.S. exports* were shipped to Canada while **12.6%** of total *U.S. Imports* were delivered from Canada.

In 2021, the U.S. increased imports of Oils, Minerals, Lime, and Cement from Canada from \$60.3 billion in 2020 to \$105.3 billion, an increase of 74.8% (\$45.0 billion). In 2021, the imports of Oils, Minerals, Lime, and Cement from Canada constituted almost half of the total U.S. imports (47.3%) of those commodities. Additionally, in 2021, the U.S. also increased imports of Wood, Cork, Paper, and Printed Books from \$18.4 billion in 2020 to \$27.6 billion, an increase of 50.0% (\$9.2 billion) from 2020. In 2021, the imports of Wood, Cork, Paper, and Printed Books also constituted almost half of the total U.S. imports (46.1%) of those commodities. Finally, the U.S. imported \$33.3 billion worth of Base Metals, Iron, Steel, and Tools which represented 20.6% of the total U.S. imports of those commodities.

In 2021, BIS reviewed 985 export/re-export license applications (not including deemed export applications) for tangible items, software and technology valued at \$1.4 billion for Canada. License applications for Canada were 2.4% of the World total by license count.

BIS approved 886 (89.9% of the total applications) for \$1.4 billion, RWA totaled 98 for \$41.7 million, and there were no denials.

In 2021, BIS approved 5 out of 7 applications (71.4%) from Canadian nationals for deemed exports. There were 2 RWA applications and no denials.

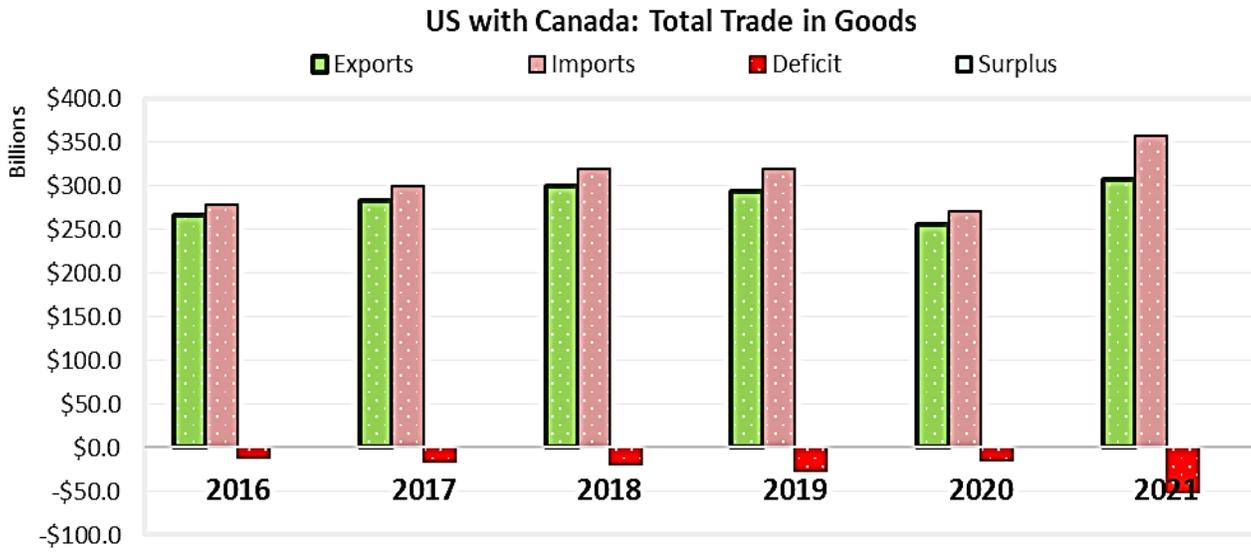
In 2021, four of the top ten approved ECCNs for Canada are the 500-series Firearms ECCNs created in 2020: 0A501 for Firearms (except 0A502) and related Commodities with 278 approvals, 0A504 for Optical Sighting Devices for Firearms (including shotguns controlled by 0A502) with 244 approvals, 0A505 for Ammunitions with 133 approvals, and 0A502 for Shotguns, Shotgun “parts” and “components” with 111 approvals. Additionally, ECCN 1C351 for Human and Animal Pathogens and “toxins” was approved with 142 approvals.

In 2021, the average processing time for Canada was 28 calendar days.



I. Total U.S. Trade in goods with Canada

In 2021, U.S. exports to Canada totaled \$307.0 billion, a 20.2% (\$51.6 billion) increase from 2020; U.S. imports from Canada totaled \$357.2 billion, a 32.1% (\$86.8 billion) increase; and the trade deficit was \$50.2 billion, a 236.2% (\$35.2 billion) increase.



In 2021, the level of U.S. exports to, and U.S. imports from Canada exceeded the prior five-year average level by value not adjusted for inflation. The U.S. trade deficit with Canada is higher than the prior five-year average level by value not adjusted for inflation.

	2016	2017	2018	2019	2020	2021	2016-2020 Average
EXPORTS	\$266,734.5	\$282,773.8	\$299,731.7	\$292,820.3	\$255,392.3	\$307,000.7	\$279,490.5
Δvalue	--	\$16,039.4	\$16,957.9	-\$6,911.5	-\$37,427.9	\$51,608.4	
Δpct	--	6.0%	6.0%	-2.3%	-12.8%	20.2%	
IMPORTS	\$277,719.8	\$299,065.4	\$318,574.8	\$318,778.3	\$270,313.4	\$357,159.8	\$296,890.4
Δvalue	--	\$21,345.6	\$19,509.4	\$203.6	-\$48,464.9	\$86,846.4	
Δpct	--	7.7%	6.5%	0.1%	-15.2%	32.1%	
BALANCE	(\$10,985.3)	(\$16,291.6)	(\$18,843.1)	(\$25,958.1)	(\$14,921.1)	(\$50,159.1)	(\$17,399.8)
Δvalue	--	(\$5,306.2)	(\$2,551.5)	(\$7,115.0)	\$11,037.0	(\$35,238.0)	
Δpct	--	48.3%	15.7%	37.8%	-42.5%	236.2%	

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



In 2021, of the \$307.0 billion in U.S. exports to Canada, the top commodity sectors were Machinery and Mechanical Appliances (22.2%), Transportation Equipment (17.0%), and Chemicals, Plastics, Rubber, and Leather products (16.4%). In 2021, of the \$357.2 billion in U.S. imports from Canada, the top commodity sectors were Oils, Minerals, Lime, and Cement (29.5%), Transportation Equipment (12.4%), and Chemicals, Plastics, Rubber, and Leather products (11.0%).

Imports from Canada by Sector	Canada Commodity Trade 2021	US exports to Canada by Sector
\$357,159,803,329	Total Value All Commodities	\$307,000,703,420
10.0%	Agriculture (Chapters 01-24)	9.7%
29.5%	Oils, Minerals, Lime, Cement (Chapters 25-27)	8.5%
11.0%	Chemicals, Plastics, Rubber, Leather (Chapters 28-43)	16.4%
7.7%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	3.3%
0.5%	Textiles, Footwear, Headgear (Chapters 50-67)	1.6%
2.8%	Stone, Glass, Metals, Pearls (Chapters 68-71)	4.3%
9.3%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	6.6%
8.5%	Machinery & Mechanical Appliances (Chapters 84-85)	22.2%
12.4%	Transportation Equipment (Chapters 86-89)	17.0%
1.1%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	3.1%
0.1%	Arms & Ammunition (Chapter 93)	0.1%
1.7%	Miscellaneous Manufactured Items (Chapters 94-96)	2.8%
0.0%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.0%
5.4%	Special Items (Chapters 98)	4.4%

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

Canada maintains a significant share of the U.S.-World Trade. In 2021, **17.5%** of total *U.S. exports* were shipped to Canada while **12.6%** of total *U.S. Imports* were delivered from Canada.

U.S. Exports to Canada

In 2021, the U.S. exported \$8.7 billion worth of furniture, bedding, lamps, toys, games, sport equipment, paint, and other miscellaneous manufactured items (Chapters 94 to 96) to Canada. Within this category, the U.S. exported \$4.9 billion furniture, bedding, mattresses, mattress supports, cushions and lamps (Chapter 94) representing 53.2% of the total U.S. exports to the World of those commodities. Additionally, the U.S. exported \$20.2 billion worth of Base Metals, Steel, Iron, and Tools, representing 26.7% of the total U.S. exports of those commodities. Also, the U.S. exported of \$10.2 billion worth of Wood, Cork, Paper, and Printed Books, represented 26.0% of the total U.S. exports to the World of those commodities.

U.S. Imports from Canada

In 2021, the U.S. increased imports of Oils, Minerals, Lime, and Cement from Canada from \$60.3 billion in 2020 to \$105.3 billion, an increase of 74.8% (\$45.0 billion). In 2021, the imports of Oils, Minerals, Lime, and Cement from Canada constituted almost half of the total U.S. imports (47.3%) of those commodities. Additionally, in 2021, the U.S. also increased imports of Wood, Cork, Paper, and Printed Books from \$18.4 billion in 2020 to \$27.6 billion, an increase of 50.0% (\$9.2 billion) from 2020. In 2021, the imports of Wood, Cork, Paper, and Printed Books also constituted almost half of the total U.S. imports (46.1%) of those commodities. Finally, the U.S. imported \$33.3 billion worth of Base Metals, Iron, Steel, and Tools which represented 20.6% of the total U.S. imports of those commodities.



II. U.S. Exports to Canada subject to U.S. Government Filing Requirements

In 2021, of the \$307.0 billion in U.S. exports to Canada:

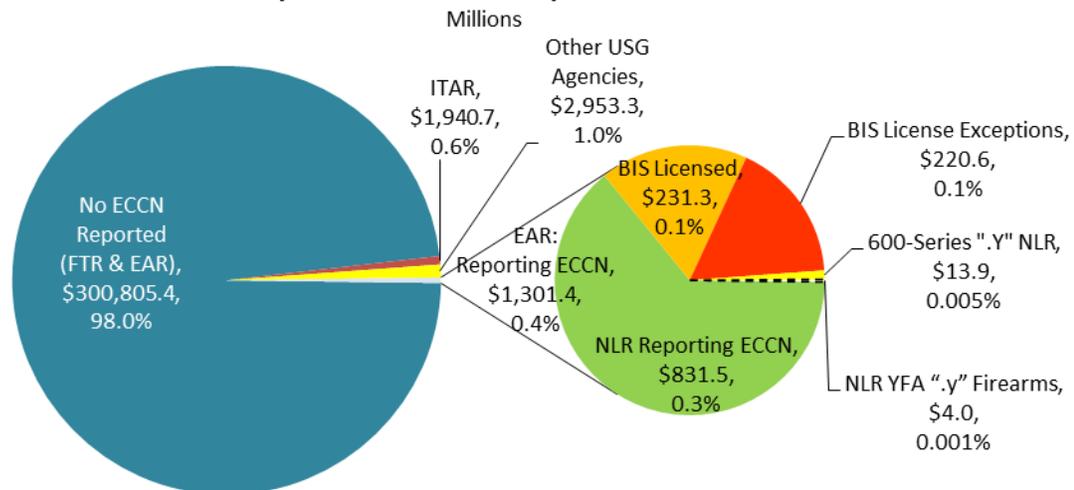
- 0.15% were subject to a BIS license requirement:
 - 0.08% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - 0.07% were exported under a BIS license exception; Worldwide, 0.8% were exported under a BIS license exception.
- 0.3% were exported under No License Required with an ECCN and NLR for 600-series .y subparagraph items:
 - 0.3% were exported under No License Required with an ECCN; Worldwide, 10.0% were exported under NLR with an ECCN reported.
 - 0.005% were exported under NLR for 600-series .y subparagraph items; Worldwide, 0.02% were exported under NLR for 600-series .y subparagraph items.
 - 0.001% were exported under NLR for 0A501.y subparagraph Firearm items; Worldwide, 0.001% were exported under NLR for 0A501.y subparagraph Firearm items.

Canada			
	2019	2020	2021
Department of State	\$2,768.3	\$2,247.5	\$1,940.7
Other USG Agencies	\$2,620.1	\$1,930.3	\$2,953.3
Department of Commerce	\$287,431.8	\$251,214.5	\$302,106.7
BIS Licensed	\$73.0	\$138.4	\$231.3
BIS License Exceptions	\$221.2	\$238.0	\$220.6
NLR reporting an ECCN	\$1,098.0	\$724.2	\$831.5
NLR not reporting an ECCN	\$286,010.6	\$250,088.3	\$300,805.4
NLR 600-Series ".y" subparagraph	\$29.0	\$24.5	\$13.9
NLR YFA ".y" subparagraph Firearms		\$1.1	\$4.0

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
Canada	X										X					

Primary Jurisdiction of U.S. Exports to Canada in 2021



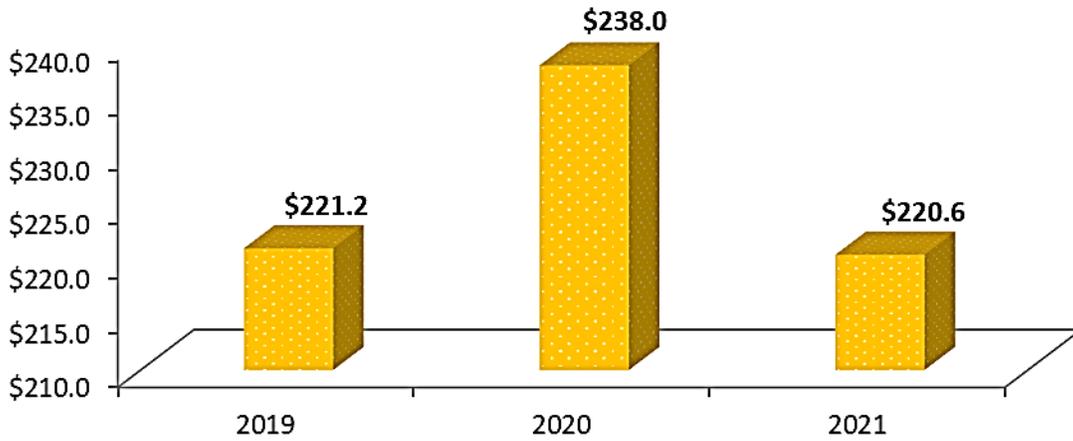
Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022



U.S. Exports to Canada

In 2021, U.S. exports to Canada shipped under a BIS license exception totaled \$220.6 million, a \$17.4 million (7.3%) decrease from 2020.

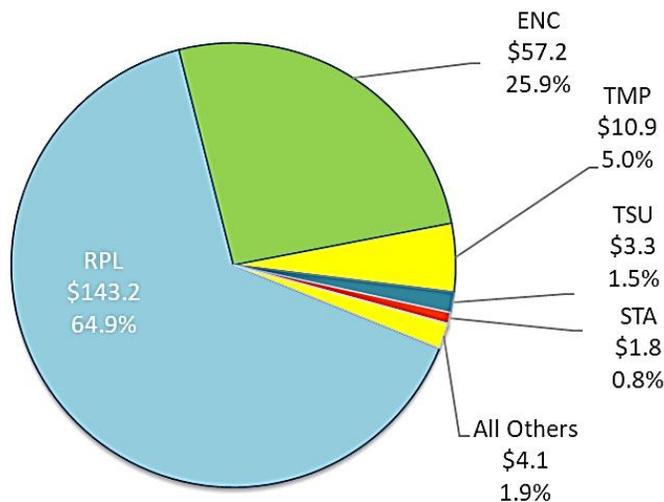
U.S. Exports under BIS License Exceptions to Canada (\$millions)



Source: Automated Export System, February 15, 2022

In 2021, the top license exception, Servicing and Replacement of Parts and Equipment (RPL), totaled \$143.2 million (64.9% of all license exceptions), followed by Encryption Commodities, Software and Technology (ENC) with \$57.2 million (25.9%), and Temporary Exports (TMP) with \$10.9 million (5.0%).

2021 U.S. Exports to Canada by BIS License Exceptions (\$million)

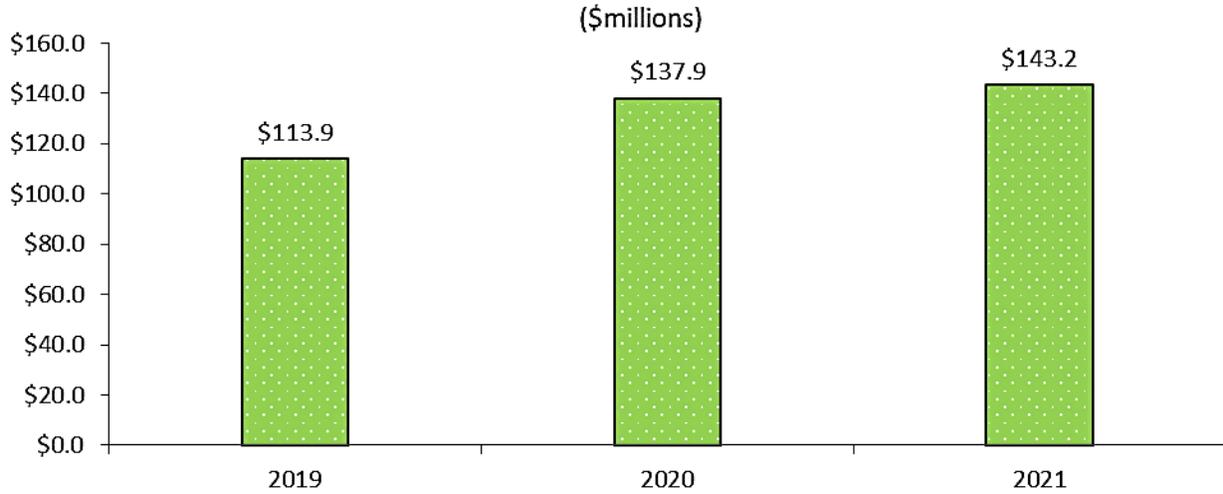


Source: Automated Export System, February 15, 2022



U.S. Exports to Canada

U.S. Exports to Canada under BIS License Exception: Servicing and Replacement of Parts and Equipment



Source: Automated Export System, February 15, 2022

U.S. Exports to Canada under BIS License Exceptions (\$millions)



The BIS License Exception for Servicing and Replacement of Parts and Equipment is excluded

Source: Automated Export System, February 15, 2022



Top Ten ECCNs by Value to Canada (\$millions)		
LICENSED	#1	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#2	0A505 Ammunition as follows (see List of Items Controlled).
	#3	0A504 Optical sighting devices for firearms (including shotguns controlled b
	#4	0A502 Shotguns; shotguns "parts" and "components," consisting of complete tr
	#5	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#6	1C234 Zirconium with a hafnium content of less than 1 part hafnium to 500 pa
	#7	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#8	3A611 Military electronics, as follows (see List of Items Controlled).
	#9	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#10	9A515 "Spacecraft" and related commodities, as follows (see List of Items Co

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

Top Ten ECCNs by Value to Canada (\$millions)		
EXCEPTIONS	#1	9A001 Aero gas turbine engines having any of the following (see List of Item
	#2	5A002 "Information security" systems, equipment and "components," as follows
	#3	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	8A001 Submersible Vehicles and Surface Vessels, as Follows (See List of Item
	#5	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#6	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#7	9A619 Military gas turbine engines and related commodities (see List of Item
	#8	6A003 Cameras, Systems or Equipment, and "Components" Therefor, as Follows (
	#9	3A611 Military electronics, as follows (see List of Items Controlled).
	#10	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s

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

Top Ten ECCNs by Value to Canada (\$millions)		
NLR with ECCN	#1	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	9A619 Military gas turbine engines and related commodities (see List of Item
	#3	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#5	7A994 Other navigation direction finding equipment, airborne communication e
	#6	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#7	3A611 Military electronics, as follows (see List of Items Controlled).
	#8	9A515 "Spacecraft" and related commodities, as follows (see List of Items Co
	#9	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#10	1A995 Protective and detection equipment not "specially designed" for milita

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



Top Ten ECCNs to Canada by Shipment Count		
LICENSED	#1	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#2	0A505 Ammunition as follows (see List of Items Controlled).
	#3	0A504 Optical sighting devices for firearms (including shotguns controlled b
	#4	0A502 Shotguns; shotguns "parts" and "components," consisting of complete tr
	#5	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#6	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#7	1C351 Human and animal pathogens and "toxins," as follows (see List of Items
	#8	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#9	3A611 Military electronics, as follows (see List of Items Controlled).
	#10	9A619 Military gas turbine engines and related commodities (see List of Item

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

Top Ten ECCNs to Canada by Shipment Count		
EXCEPTIONS	#1	5A002 "Information security" systems, equipment and "components," as follows
	#2	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#3	1A004 Protective and Detection Equipment and "Components," Not "Specially De
	#4	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#5	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#6	0A504 Optical sighting devices for firearms (including shotguns controlled b
	#7	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#8	7A994 Other navigation direction finding equipment, airborne communication e
	#9	0A502 Shotguns; shotguns "parts" and "components," consisting of complete tr
	#10	4A003 "Digital computers," "electronic assemblies," and related equipment th

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

Top Ten ECCNs to Canada by Shipment Count		
NLR with ECCN	#1	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#4	5A992 Equipment not controlled by 5A002 (see List of Items Controlled).
	#5	9A619 Military gas turbine engines and related commodities (see List of Item
	#6	7A994 Other navigation direction finding equipment, airborne communication e
	#7	0A606 Ground vehicles and related commodities, as follows (see List of Items
	#8	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#9	3A611 Military electronics, as follows (see List of Items Controlled).
	#10	6A993 Cameras, not controlled by 6A003 or 6A203, as follows (see List of It

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



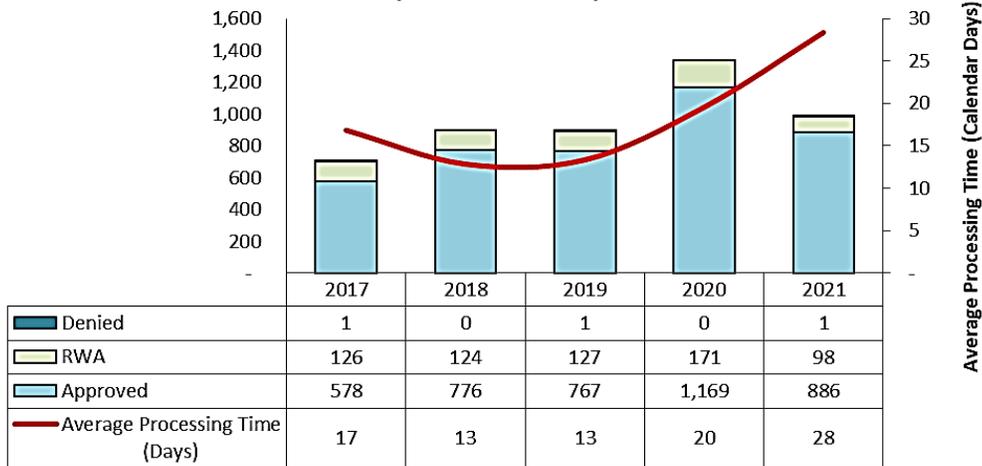
BIS License Determination Trends for Canada

III. BIS Licensing to Canada

In 2021, BIS reviewed 985 export/re-export applications (not including deemed export applications) valued at \$1.4 billion for Canada, out of a total of 39,901 applications worldwide for tangible items, software and technology valued at \$1.4 trillion. License applications for Canada were 2.4% of the World total by license count.

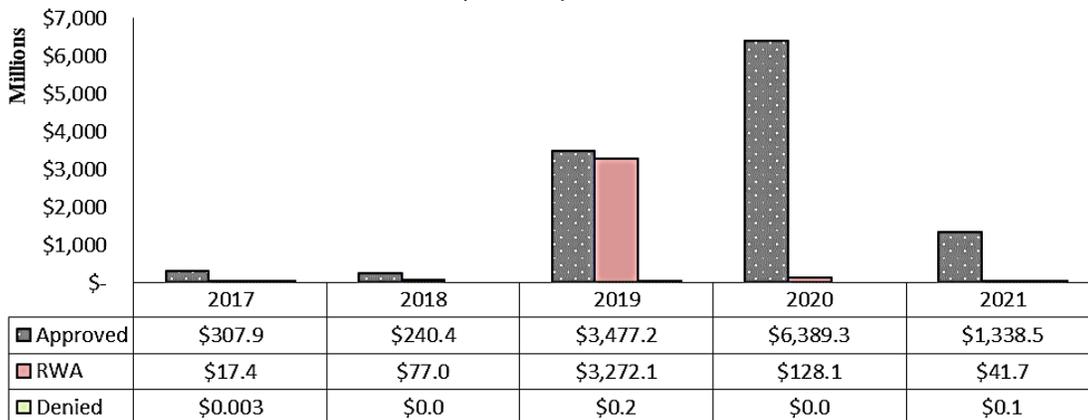
– Approved applications for Canada totaled 886 (89.9% of the total applications) for \$1.4 billion, compared to 34,369 (86.1%) approved applications for all destinations valued at \$322.8 billion.

**License Count for Tangible Items, Software, & Technology to Canada
(Deemed Excluded)**



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

**Licenses for Tangible Items, Software, & Technology to Canada
(\$millions)**



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



BIS License Determination Trends for Canada

In 2021, BIS reviewed seven deemed export applications from Canadian nationals, out of a total of 942 applications worldwide.

- Approved deemed exports applications from Canadian nationals 5 (71.4% of the total applications), compared to 821 (87.2%) approved for all destinations.

In the last five years, there were no denials for Deemed Export applications for Canadian nationals. In 2021, average license processing time for Canada was 28 calendar days.

Deemed Export Licenses for Nationals of Canada						
2017 - 2021						
Year	Approved	RWA	Denied	Canada Total	World Total	Canada Total/ World Total
2017	4	1	0	5	1,510	0.3%
2018	2	1	0	3	967	0.4%
2019	4	3	0	7	1,302	0.6%
2020	11	1	0	12	1,212	1.0%
2021	5	2	0	7	942	0.7%

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

APPROVED	Top Ten Approved (with deemed) ECCNs to Canada by Count					2017	2018	2019	2020	2021	% of World Total 2021
	#1	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s	-	-	-	506	278	5.3%		
	#2	0A504	Optical sighting devices for firearms (including shotguns controlled b	-	-	-	221	244	17.4%		
	#3	1C351	Human and animal pathogens and "toxins," as follows (see List of Items	87	145	147	114	142	13.2%		
	#4	0A505	Ammunition as follows (see List of Items Controlled).	-	-	-	254	133	13.7%		
	#5	0A502	Shotguns; shotguns "parts" and "components," consisting of complete tr	-	-	-	161	111	16.5%		
	#6	9A610	Military Aircraft and Related Commodities, Other Than Those Enumeratec	19	15	9	11	28	0.5%		
	#7	1C353	Genetic elements and genetically modified organisms, as follows (see L	2	10	5	19	25	10.2%		
	#8	0A606	Ground vehicles and related commodities, as follows (see List of Items	23	32	31	50	12	1.3%		
	#9	9E515	"Technology" "required" for the "development," "production," operation	20	8	9	16	11	2.1%		
#10	3A611	Military electronics, as follows (see List of Items Controlled).	21	18	12	12	10	0.5%			

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

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

Denied	Denied (with deemed) ECCNs to Canada by Count			2021	% of World Total 2021
	#1	3A611	Military electronics, as follows (see List of Items Controlled).	1	14.3%

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

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



Summary of U.S. Exports to Canada Calendar Year 2021

Summary of U.S. Exports to Canada Calendar Year 2021				
	CY2021	CY2020	% of Total Exports	Percentage Change from previous year
Total Exports	\$307,000,703,420	\$255,392,344,733		20.2%
Total Subject to ITAR	\$1,940,650,327	\$2,247,474,346	0.6%	-13.7%
Subject to Other Gov. Agencies	\$2,953,320,041	\$1,930,320,215	1.0%	53.0%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$231,275,456	99.9%	
VDC	Voluntary Disclosure	\$259,932	0.1%	
Total of Licensed		\$231,535,388	0.1%	Total Licensed/Total Exports
C35	LVS	\$948,309	0.4%	
C36	GBS	\$1,603,397	0.7%	
C40	TMP	\$10,938,025	5.0%	
C41	RPL	\$143,244,697	64.9%	
C42	GOV	\$938,657	0.4%	
C43	GFT	\$15,049	0.01%	
C44	TSU	\$3,289,017	1.5%	
C45	BAG	\$32,750	0.01%	
C46	AVS	\$453,808	0.2%	
C50	ENC	\$57,212,825	25.9%	
C53	APP	\$120,250	0.1%	
C59	STA	\$1,793,631	0.8%	
Total of License Exceptions		\$220,590,415	0.1%	Total License Exceptions/Total Exports
			48.8%	Total License Exceptions/Total Subject to License Requirement
Total subject to license requirement (Licensed and License Exceptions)		\$452,125,803	0.1%	Total Subject to License Requirement/Total Exports
C33	NLR reporting an ECCN	\$831,545,246	0.3%	NLR reporting an ECCN/ Total Exports
C60	NLR for 600-Series ".y" subparagraph	\$13,942,268	0.005%	NLR for 600-Series ".y" subparagraph/ Total Exports
C63	NLR for 0A501 .y subparagraph Firearms	\$4,006,164	0.001%	NLR for 0A501 .y subparagraph firearms/ Total Exports
Total of NLR		\$849,493,678	0.3%	Total NLR with an ECCN/ Total Exports
Exports not reporting an ECCN		\$300,805,113,571	98.0%	

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