



## Summary

In 2021, U.S. exports to Brazil were \$46.9 billion, a 35.5% (\$12.3 billion) increase from 2020; U.S. imports from Brazil were \$31.3 billion, a 33.7% (\$7.9 billion) increase; and the trade surplus with Brazil was \$15.6 billion, a 39.3% (\$4.4 billion) increase.

In 2021, 2.7% of total U.S. exports to the World were exported to Brazil and 1.1% of the total U.S. Imports were imported from Brazil.

From 2020-21, the top commodity sectors of the U.S. exports to Brazil increased in absolute terms. In 2021, U.S. exports of oils, minerals, lime, and cement to Brazil increased from \$9.2 billion to \$14.0 billion. Brazil remained the destination for 5.6% of the total U.S. exports to the World of oils, minerals, lime, and cement. Likewise, U.S. exports of chemicals, plastics, and leather increased from \$8.6 billion to \$12.2 billion. Brazil's global share of U.S. oils and mineral exports increased from 3.6% to 4.0%.

In 2021, the U.S. imported \$3.8 billion worth of Wood Products from Brazil, representing 6.4% of the global U.S. imports of those commodities.

In 2021, U.S. exports to Brazil shipped under a BIS license exception authorization totaled \$348.7 million, slightly increasing from \$337.2 million in 2020. Usage of the license exception authorization for Encryption Commodities & Software was \$315.9 million in 2021, a slight decrease from \$316.6 million in 2020.

In 2021, BIS reviewed 2,704 export/re-export license applications (not including deemed export applications) for tangible items, software and technology valued at \$1.7 billion for Brazil. License applications for Brazil counted 6.8% of the World total by license count. BIS approved 2,611 (96.6% of the total applications) for \$1.7 billion, RWA totaled 93 for \$507.6 million. There were no denied license applications in 2021.

In 2021, BIS approved 6 applications from Brazilian nationals for deemed exports, 0.7% of all approved deemed exports applications. There were no RWA or denials for deemed export applications.

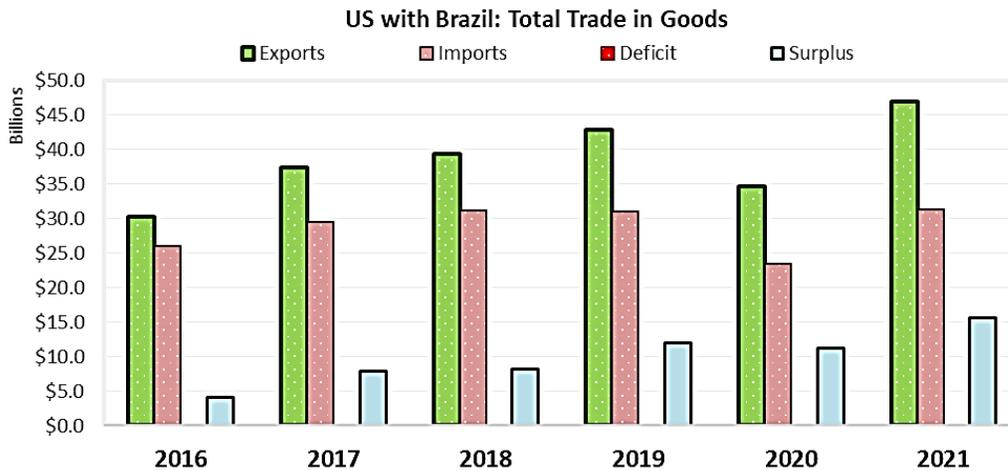
In 2021, the top approved ECCNs, including ECCNs for deemed exports, were 0A501 for firearms and related commodities with 1,511 approvals; 2B350 for chemical manufacturing facilities and equipment with 277 approvals; and 0A504 for optical sighting devices for firearms with 229 approvals.

In 2021, the average processing time for Brazil was 32 calendar days.



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

In 2021, U.S. exports to Brazil totaled \$46.9 billion, an 35.5% (\$12.3 billion) increase from 2020; U.S. imports from Brazil totaled \$31.3 billion, a 33.7% (\$7.9 billion) increase; and the trade surplus was \$15.6 billion, a 39.3% (\$4.4 billion) increase.



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

	2016	2017	2018	2019	2020	2021	2016-2020 Average
<b>EXPORTS</b>	\$30,193.3	\$37,330.7	\$39,400.3	\$42,866.3	\$34,595.0	\$46,882.1	\$36,877.1
<i>Δvalue</i>	--	\$7,137.4	\$2,069.7	\$3,466.0	-\$8,271.3	\$12,287.1	
<i>Δpct</i>	--	23.6%	5.5%	8.8%	-19.3%	35.5%	
<b>IMPORTS</b>	\$26,043.4	\$29,461.6	\$31,203.0	\$30,934.5	\$23,396.9	\$31,284.9	\$28,207.9
<i>Δvalue</i>	--	\$3,418.2	\$1,741.4	-\$268.6	-\$7,537.6	\$7,888.0	
<i>Δpct</i>	--	13.1%	5.9%	-0.9%	-24.4%	33.7%	
<b>BALANCE</b>	\$4,149.9	\$7,869.1	\$8,197.3	\$11,931.9	\$11,198.1	\$15,597.1	\$8,669.2
<i>Δvalue</i>	--	\$3,719.2	\$328.2	\$3,734.6	(\$733.8)	\$4,399.0	
<i>Δpct</i>	--	89.6%	4.2%	45.6%	-6.1%	39.3%	

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



In 2021, of the \$46.9 billion in U.S. exports to Brazil, the top commodity sectors were Oils, Minerals, Lime, Cement (29.9%), Chemicals, Plastics, Rubber and Leather products (26.0%), and Machinery and Mechanical Appliances (17.3%).

In 2021, of the \$31.3 billion in U.S. imports from Brazil, the top commodity sectors were Oils and Minerals, Lime, and Cement (16.7%), Base Metals, Iron, Steel, Tools (15.4%), and Agricultural Goods (14.5%),

Imports from Brazil by Sector	Brazil Commodity Trade 2021	US exports to Brazil by Sector
<b>\$31,284,911,698</b>	<b>Total Value All Commodities</b>	<b>\$46,882,052,227</b>
14.5%	Agriculture (Chapters 01-24)	1.28%
16.7%	Oils, Minerals, Lime, Cement (Chapters 25-27)	29.9%
8.7%	Chemicals, Plastics, Rubber, Leather (Chapters 28-43)	26.0%
12.2%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	0.6%
1.0%	Textiles, Footwear, Headgear (Chapters 50-67)	0.4%
4.2%	Stone, Glass, Metals, Pearls (Chapters 68-71)	1.1%
15.4%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	1.4%
10.6%	Machinery & Mechanical Appliances (Chapters 84-85)	17.3%
7.7%	Transportation Equipment (Chapters 86-89)	16.4%
0.8%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	3.3%
0.8%	Arms & Ammunition (Chapter 93)	0.0%
1.5%	Miscellaneous Manufactured Items (Chapters 94-96)	0.3%
0.4%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.0%
5.5%	Special Items (Chapters 98)	1.9%

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

In 2021, **2.7%** of the total *U.S. exports* were shipped to Brazil while **1.1%** of total *U.S. Imports* were delivered from Brazil.

### U.S. Trade with Brazil in Oils, Minerals, Lime and Cement

In 2021, U.S. imports of \$5.2 billion in oils, minerals, lime, and cement from Brazil, nearly doubled the amount of the same commodities imported in 2020. U.S. exports of oils, minerals, lime, and cement to Brazil have increased from \$9.2 billion in 2020 to \$14.0 billion in 2021, making up 5.6% of all U.S. exports of those commodities worldwide.

### U.S. Exports of Chemicals, Plastics, Rubber, and Leather to Brazil

In 2021, the U.S. exported 12.2 billion in chemicals, plastics, rubber, and leather products to Brazil, an increase of 41.4% (\$3.6 billion) from 2020. U.S. Exports to Brazil now constitute 4.0% of total exports of those commodities worldwide.

### U.S. Imports of Wood, Cork, Paper, and Printed Books from Brazil

In 2021, the U.S. imported \$3.8 billion in wood, cork, paper, and printed books from Brazil, an increase of 45.7% (\$1.2 billion) from 2020. Brazil is the source of 6.4% of those commodities imported from the world in 2021.

### U.S. Imports of Arms and Ammunition from Brazil

In 2021, the U.S. imported \$240.3 million in arms and ammunition from Brazil, an increase of 27.3% (\$51.6 million) from 2020. Brazil is the source of 4.4% of total arms and ammunitions U.S. imported from the world in 2021.



## II. U.S. Exports to Brazil subject to U.S. Government Filing Requirements

In 2021, of the \$46.9 billion in U.S. exports to Brazil:

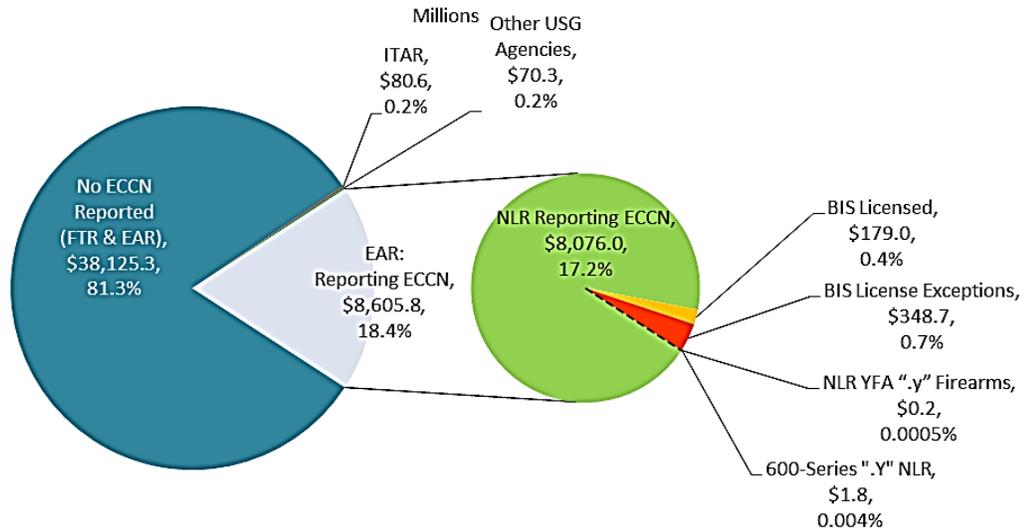
- 1.1% were subject to a BIS license requirement.
  - 0.4% were exported under a BIS license. Worldwide, 0.4% were exported under a BIS license.
  - 0.7% were exported under a BIS license exception. Worldwide, 0.8% were exported under a BIS license exception.
- 17.2% were exported under No License Required with an ECCN; Worldwide, 10.0% were exported under NLR with an ECCN reported.
  - 0.004% were exported under NLR for 600-series .y subparagraph items. Worldwide, 0.02% were exported under NLR 600-series .y subparagraph items.
  - 0.0005% were exported under NLR for 0A501 .y subparagraph Firearms items; Worldwide, 0.001% were exported under NLR for 0A501 .y subparagraph Firearms items.

Brazil		2019	2020	2021
	Department of State	\$214.6	\$71.2	\$80.6
	Other USG Agencies	\$46.1	\$64.1	\$70.3
	Department of Commerce	\$42,605.7	\$34,459.7	\$46,731.1
	BIS Licensed	\$144.1	\$110.8	\$179.0
	BIS License Exceptions	\$409.3	\$337.2	\$348.7
	NLR reporting an ECCN	\$8,839.3	\$6,826.2	\$8,076.0
	NLR not reporting an ECCN	\$33,210.9	\$27,183.9	\$38,125.3
	NLR 600-Series ".y" subparagraph	\$2.1	\$1.6	\$1.8
	NLR YFA ".y" subparagraph Firearms		\$0.01	\$0.2

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		
Brazil	X	X				X	X	X	X	X	X	X		X				

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



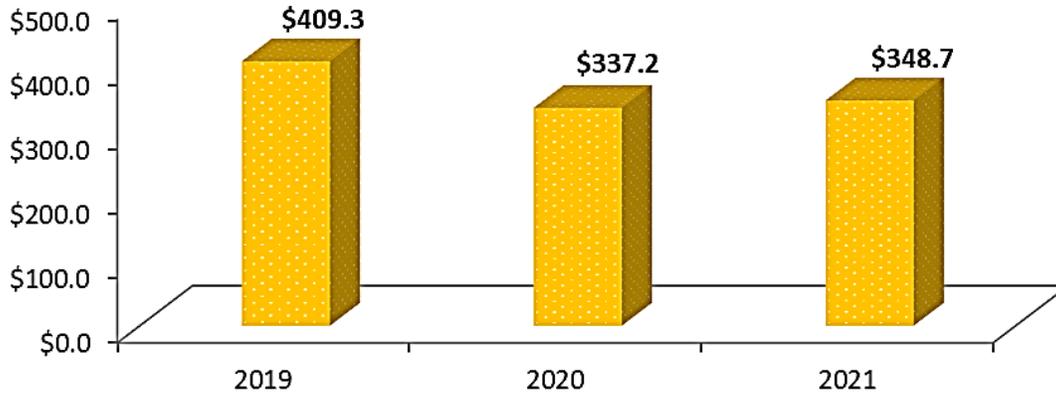
Values in Millions of U.S. Dollars. Source: Automated Export System February 15, 2022



# U.S. Exports to Brazil

In 2021, U.S. exports to Brazil shipped under a BIS license exception totaled \$348.7 million, a 3.4% (\$11.5 million) increase from 2020.

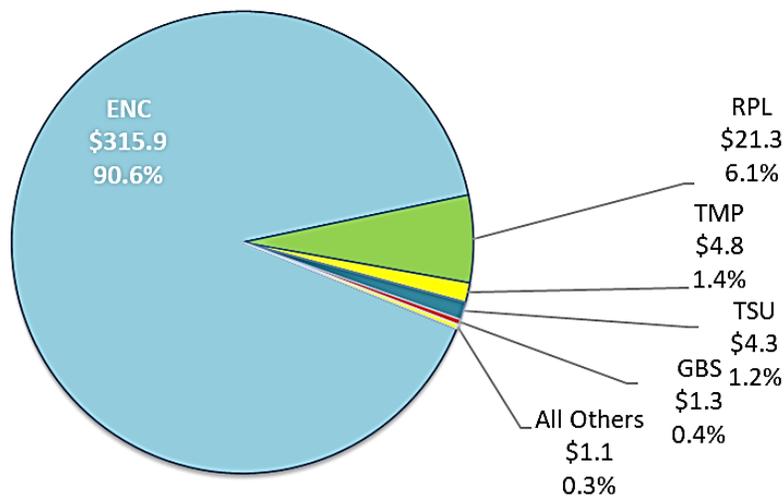
**U.S. Exports under BIS License Exceptions to Brazil**  
(\$millions)



Source: Automated Export System, February 15, 2022

In 2021, the top license exception Encryption Commodities & Software (ENC) totaled \$315.9 million (90.6% of all license exceptions), followed by Servicing & Replacement of Parts & Equipment (RPL) at \$21.3 million (6.1%), and Temporary Imports, Exports, & Re-Exports (TMP) at \$ 4.8 million (1.4%).

**2021 U.S. Exports to Brazil by BIS License Exceptions**  
\$million



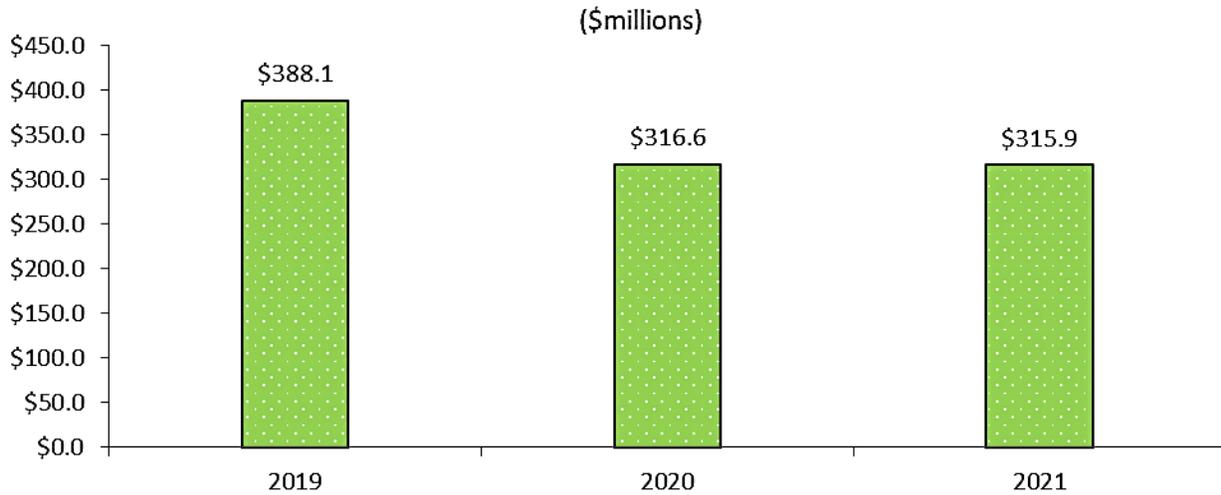
Source: Automated Export System, February 15, 2022



# U.S. Exports to Brazil

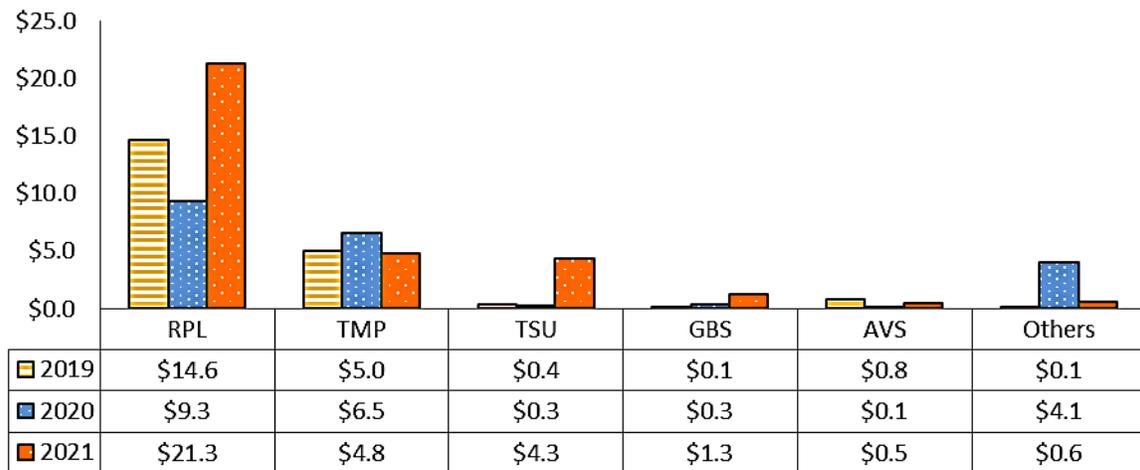
In 2021, U.S. exports to Brazil shipped under a BIS license exception: Encryption Commodities & Software totaled \$315.9 million, a 0.2% (\$0.7 million) decrease from 2020.

**U.S. Exports to Brazil under BIS License Exception:  
Encryption Commodities & Software**



Source: Automated Export System, February 15, 2022

**U.S. Exports to Brazil under BIS License Exceptions**  
(Millions)



**The BIS License Exception for Encryption is excluded from this chart**

Source: Automated Export System, February 15, 2022



Top Ten ECCNs by Value to Brazil (\$millions)		
<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	5A002 "Information security" systems, equipment and "components," as follows
	#4	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#5	6A001 Acoustic systems, equipment and "components," as follows (see List of
	#6	1C350 Chemicals that may be used as precursors for toxic chemical agents (se
	#7	2B352 Equipment Capable of Use in Handling Biological Materials, as Follows
	#8	0A503 Discharge type arms; non-lethal or less-lethal grenades and projectile
	#9	7A103 Instrumentation, navigation equipment and systems, other than those co
	#10	2B001 Machine tools and any combination thereof, for removing (or cutting) m

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

Top Ten ECCNs by Value to Brazil (\$millions)		
<b>EXCEPTIONS</b>	#1	5A002 "Information security" systems, equipment and "components," as follows
	#2	7A103 Instrumentation, navigation equipment and systems, other than those co
	#3	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	5D002 "Software" as follows (see List of Items Controlled).
	#5	5D992 "Information Security" "software" not controlled by 5D002 as follows (
	#6	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#7	8A001 Submersible Vehicles and Surface Vessels, as Follows (See List of Item
	#8	7A994 Other navigation direction finding equipment, airborne communication e
	#9	3A001 Electronic items 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 by Value to Brazil (\$millions)		
<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	2B999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#4	5A991 Telecommunication equipment, not controlled by 5A001 (see List of Item
	#5	7A994 Other navigation direction finding equipment, airborne communication e
	#6	8A992 Vessels, marine systems or equipment, not controlled by 8A001 or 8A002
	#7	1C990 Fibrous and filamentary materials, not controlled by 1C010 or 1C210, f
	#8	3A999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#9	4A994 Computers, "electronic assemblies" and related equipment not controlle
	#10	1C992 Commercial charges and devices containing energetic materials, n.e.s.

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



Top Ten ECCNs to Brazil by Shipment Count		
<b>LICENSED</b>	#1	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#2	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	2B350 Chemical manufacturing facilities and equipment, except valves control
	#4	1C350 Chemicals that may be used as precursors for toxic chemical agents (se
	#5	0A504 Optical sighting devices for firearms (including shotguns controlled b
	#6	0A505 Ammunition as follows (see List of Items Controlled).
	#7	0A502 Shotguns; shotguns "parts" and "components," consisting of complete tr
	#8	5A002 "Information security" systems, equipment and "components," as follows
	#9	9A619 Military gas turbine engines and related commodities (see List of Item
	#10	7A103 Instrumentation, navigation equipment and systems, other than those co

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

Top Ten ECCNs to Brazil by Shipment Count		
<b>EXCEPTIONS</b>	#1	5A002 "Information security" systems, equipment and "components," as follows
	#2	0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s
	#3	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL
	#5	7A103 Instrumentation, navigation equipment and systems, other than those co
	#6	5D002 "Software" as follows (see List of Items Controlled).
	#7	9A991 "Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#8	3A611 Military electronics, as follows (see List of Items Controlled).
	#9	3A001 Electronic items as follows (see List of Items Controlled).
	#10	7A994 Other navigation direction finding equipment, airborne communication e

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

Top Ten ECCNs to Brazil 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	7A994 Other navigation direction finding equipment, airborne communication e
	#5	4A994 Computers, "electronic assemblies" and related equipment not controlle
	#6	3A999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#7	3A991 Electronic devices, and "components" not controlled by 3A001.
	#8	2B999 Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#9	1A995 Protective and detection equipment not "specially designed" for milita
	#10	8A992 Vessels, marine systems or equipment, not controlled by 8A001 or 8A002

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

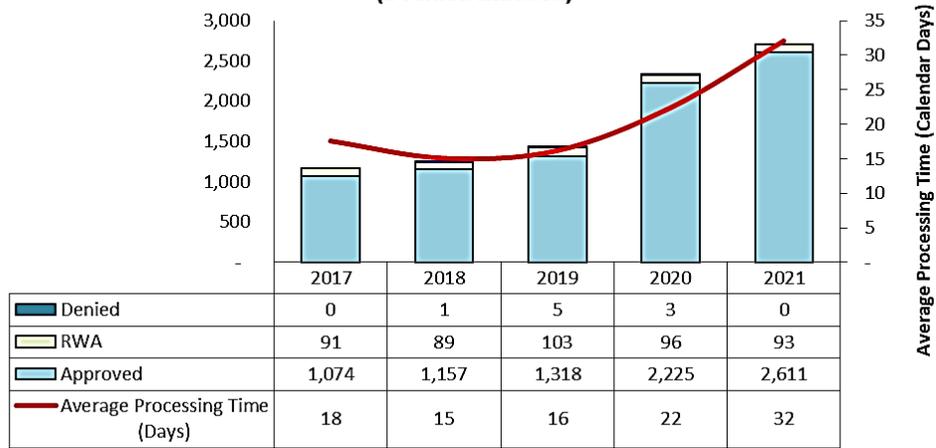


### III. BIS Licensing to Brazil

In 2021, BIS reviewed 2,704 export/re-export applications (not including deemed export applications) valued at \$1.7 billion for Brazil, out of a total of 39,901 applications worldwide for tangible items, software and technology valued at \$1.4 trillion.

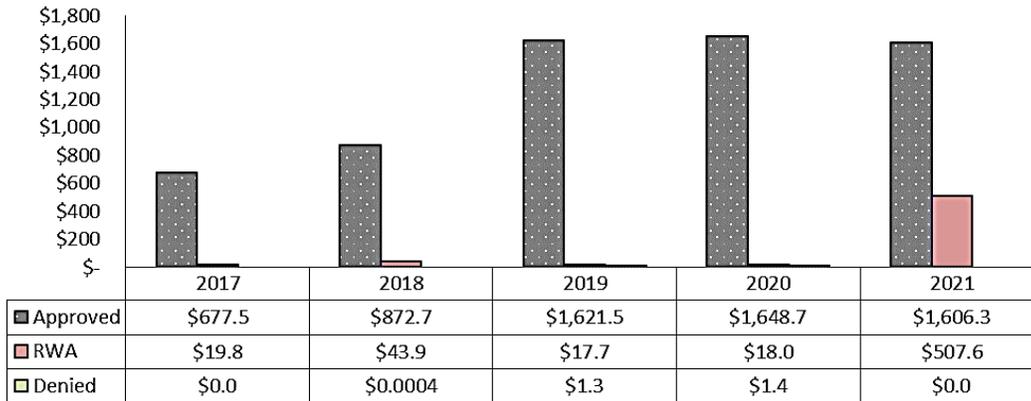
– Approved applications for Brazil totaled 2,611 (96.6% of the total applications) for \$1.6 billion, compared to 34,369 (86.1%) approved applications for all destinations valued at \$322.8 billion.

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



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

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



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



In 2021, BIS reviewed 6 applications for Deemed Exports from Brazilian nationals out of 942 applications worldwide for deemed exports. All 6 applications (100%) were approved compared to the 821 (87.2%) approved applications for all destinations.

In the last five years, there were no denials for Deemed Export applications from Brazilian nationals.

Deemed Export Licenses for Nationals of Brazil						
2017 - 2021						
Year	Approved	RWA	Denied	Brazil Total	World Total	Brazil Total/ World Total
2017	9	1	0	10	1,510	0.7%
2018	6	1	0	7	967	0.7%
2019	6	0	0	6	1,302	0.5%
2020	7	0	0	7	1,212	0.6%
2021	6	0	0	6	942	0.6%

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

The top approved ECNNs (including deemed exports) to Brazil by count include: 0A501 for Firearms (except 0A502 shotguns) and related commodities as follows with 1,511 approvals; 2B350 for Chemical manufacturing facilities and equipment, except valves control with 277 approvals; and 0A504 for Optical sighting devices for firearms (including shotguns controlled) with 229 approvals.

Top Ten Approved (with deemed) ECCNs to Brazil by Count		2017	2018	2019	2020	2021	% of World Total 2021
APPROVED	#1 0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s	-	-	-	1,148	1,511	28.7%
	#2 2B350 Chemical manufacturing facilities and equipment, except valves control	250	246	267	256	277	12.4%
	#3 0A504 Optical sighting devices for firearms (including shotguns controlled b	-	-	-	154	229	16.3%
	#4 9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated	189	205	189	194	205	3.9%
	#5 0A502 Shotguns; shotguns "parts" and "components," consisting of complete tr	-	-	-	145	142	21.1%
	#6 1C351 Human and animal pathogens and "toxins," as follows (see List of Items	48	85	96	62	96	8.9%
	#7 0A505 Ammunition as follows (see List of Items Controlled).	-	-	-	52	69	7.1%
	#8 9E610 Technology "required" for the "development," "production," operation,	32	54	45	35	54	4.2%
	#9 6A003 Cameras, Systems or Equipment, and "Components" Therefor, as Follows	29	25	38	39	46	3.9%
	#10 3A611 Military electronics, as follows (see List of Items Controlled).	30	36	34	29	35	1.6%

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

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

In 2021, there were no denied license applications for Brazil.

In 2021, the average processing time for Brazil was 32 calendar days.



## Summary of U.S. Exports to Brazil Calendar Year 2021

Summary of U.S. Exports to Brazil Calendar Year 2021				
	CY2021	CY2020	% of Total Exports	Percentage Change from previous year
Total Exports	\$46,882,052,227	\$34,594,964,479		35.5%
Total Subject to ITAR	\$80,603,490	\$71,167,526	0.2%	13.3%
Subject to Other Gov. Agencies	\$70,342,602	\$64,100,264	0.2%	9.7%
Detailed Summary of EAR-Controlled Exports				
AES License Type	Description	Value	Percentage of Total	Percentage Description
C30	Licenses	\$178,999,471	100.0%	
<b>Total of Licensed</b>		\$178,999,471	<b>0.4%</b>	Total Licensed/Total Exports
C35	LVS	\$316,151	0.1%	
C36	GBS	\$1,297,759	0.4%	
C40	TMP	\$4,769,214	1.4%	
C41	RPL	\$21,290,216	6.1%	
C42	GOV	\$298,239	0.1%	
C43	GFT	\$50	0.00001%	
C44	TSU	\$4,320,348	1.2%	
C45	BAG	\$6,113	0.002%	
C46	AVS	\$490,592	0.1%	
C50	ENC	\$315,898,868	90.6%	
C53	APP	\$9,977	0.003%	
<b>Total of License Exceptions</b>		\$348,697,527	<b>0.7%</b>	Total License Exceptions/Total Exports
			<b>66.1%</b>	Total License Exceptions/Total Subject to License Requirement
<b>Total subject to license requirement (Licensed and License Exceptions)</b>		\$527,696,998	<b>1.1%</b>	Total Subject to License Requirement/Total Exports
C33	NLR reporting an ECCN	\$8,076,048,467	17.2%	NLR reporting an ECCN/ Total Exports
C60	NLR for 600-Series ".y" subparagraph	\$1,776,417	0.004%	NLR for 600-Series ".y" subparagraph/ Total Exports
C63	NLR for OA501 .y subparagraph Firearms	\$220,493	0.0005%	NLR for OA501 .y subparagraph firearms/ Total Exports
<b>Total of NLR</b>		\$8,078,045,377	<b>17.2%</b>	Total NLR with an ECCN/ Total Exports
<b>Exports not reporting an ECCN</b>		\$38,125,363,760	<b>81.3%</b>	

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