

Analysis of U.S. Trade with Saudi Arabia, 2022

¹Summary

Imports and exports reported by U.S. Census Bureau²

In 2022, both U.S. exports to Saudi Arabia and imports from Saudi Arabia continued to grow for a third year in a row. U.S. exports totaled \$11.4 billion, an increase of 2.4% (\$268.7 million), and U.S. imports totaled \$23.3 billion, an increase of 69.7% (\$9.6 billion). The trade deficit was \$11.9 billion, increasing 359.1% (\$9.3 billion) from 2021.

In 2022, 0.6% of total U.S. global exports of \$2.1 trillion were exported to Saudi Arabia and 0.7% of total U.S. imports of \$3.2 trillion from all countries were imported from Saudi Arabia.

In 2022, \$3.2 billion of U.S. exports of Transportation Equipment to Saudi Arabia represented 1.3% of U.S. global exports of those commodities.

In 2022, U.S. exports of Arms and Ammunition to Saudi Arabia decreased significantly from \$604.1 million in 2021 to \$350.7 million, a decrease of 41.9%.

In 2022, \$20.7 billion of U.S. imports of Oil, Minerals, Lime, Cement from Saudi Arabia constituted 6.5% of the total U.S. imports of those commodities.

BIS export data³

In 2022, U.S. exports to Saudi Arabia shipped under a BIS license exception totaled \$96.8 million, an increase of 36.4% from \$71.0 million in 2021.

In 2022, the top license exception utilized under the Export Administration Regulations (EAR) was Encryption Commodities & Software (ENC). Exports made with an ENC license exception totaled \$67.1 million, accounting for 69.3% of exports to Saudi Arabia made under license exceptions. This was followed by Servicing and Replacement of Parts and Equipment (RPL) (\$15.5 million; 16.1%), and Limited Value Shipments (LVS), (\$6.0 million; (6.2%).

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² 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>.

³ 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 Saudi Arabia, 2022

BIS licensing data⁴

In 2022, the number of export license applications for Saudi Arabia, excluding applications for deemed⁵ exports, amounted to 1.8% of total applications worldwide.

In 2022, for applications involving commodities, software, and technology (excluding deemed exports of technology and source code to Saudi nationals in the U.S. or made as deemed reexports in a third country), BIS reviewed 688 export license applications valued at \$1.1 billion for Saudi Arabia. Of these applications, BIS approved 630 applications for Saudi Arabia valued at \$1.09 billion with an approval rate of 91.6%. There were no denied license applications for Saudi Arabia. The remainder were returned without action (RWA).

In 2022, BIS reviewed six applications for deemed exports involving Saudi nationals, representing 0.5% of total deemed export applications worldwide. Four of these applications were approved and two were returned without action (an approval rate of 66.7%).

In 2022, the top approved Export Control Classification Numbers (ECCNs) on licenses for Saudi Arabia were 2B350 for Chemical Manufacturing Facilities And Equipment, except Valves Control with 176 approvals, followed by 9A610 for Military Aircraft and Related Commodities with 79 approvals, and 0A606 Ground Vehicles and Related Commodities, as follows (see List of Items) with 67 approvals.

In 2022, the average processing time for applications involving Saudi Arabia was 21 calendar days.

⁴ 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.

⁵ Deemed exports are defined in 734.13(b) of the EAR: “Any release in the United States of “technology” or source code to a foreign person is a deemed export to the foreign person's most recent country of citizenship or permanent residency.”

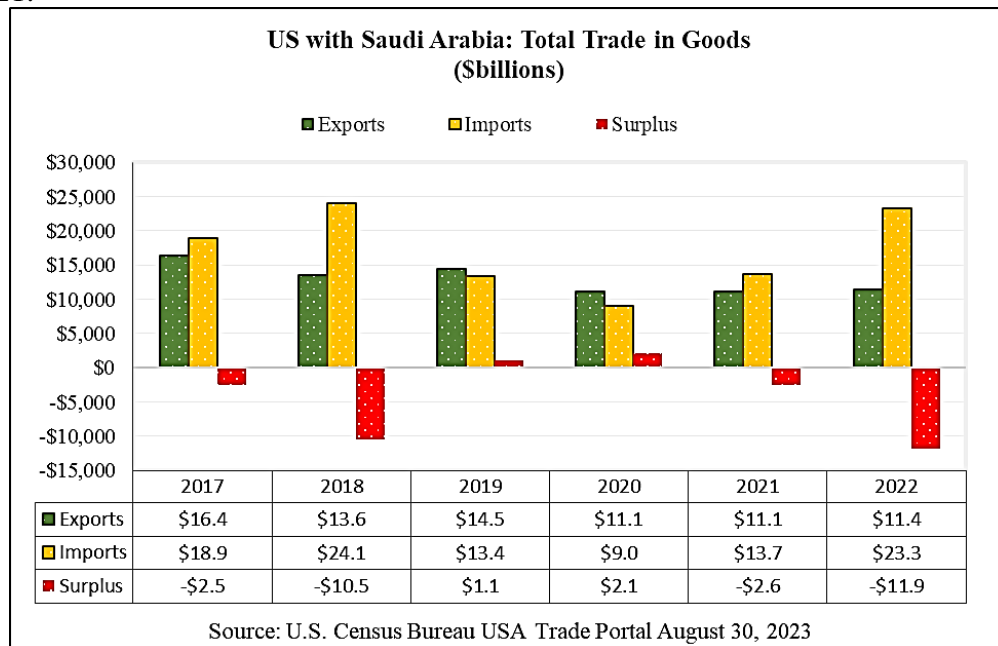
<https://www.ecfr.gov/current/title-15/subtitle-B/chapter-VII/subchapter-C/part-734/section-734.13>



Analysis of U.S. Trade with Saudi Arabia, 2022

I. Total U.S. trade in goods with Saudi Arabia⁶

In 2022, both U.S. exports to Saudi Arabia and imports from Saudi Arabia continued to grow for a third year in a row. U.S. exports totaled \$11.4 billion, an increase of 2.4% (\$268.7 million), and U.S. imports totaled \$23.3 billion, an increase of 69.7% (\$9.6 billion). The trade deficit was \$11.9 billion, increasing 359.1% (\$9.3 billion) from 2021.



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

	2017	2018	2019	2020	2021	2022	2017-2021 Average
EXPORTS	\$16,355.4	\$13,599.2	\$14,482.7	\$11,130.9	\$11,131.4	\$11,400.1	\$13,339.9
Δvalue	--	-\$2,756.3	\$883.5	-\$3,351.7	\$0.4	\$268.7	
Δpct	--	-16.9%	6.5%	-23.1%	0.0%	2.4%	
IMPORTS	\$18,867.7	\$24,065.7	\$13,403.8	\$8,993.8	\$13,717.5	\$23,273.8	\$15,809.7
Δvalue	--	\$5,197.9	-\$10,661.9	-\$4,410.0	\$4,723.7	\$9,556.3	
Δpct	--	27.5%	-44.3%	-32.9%	52.5%	69.7%	
BALANCE	(\$2,512.3)	(\$10,466.5)	\$1,078.9	\$2,137.2	(\$2,586.1)	(\$11,873.7)	(\$2,469.8)
Δvalue	--	(\$7,954.2)	\$11,545.4	\$1,058.3	(\$4,723.3)	(\$9,287.6)	
Δpct	--	316.6%	-110.3%	98.1%	-221.0%	359.1%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USA Trade Portal August 30, 2023

⁶ 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>.

Analysis of U.S. Trade with Saudi Arabia, 2022

In 2022, of \$11.4 billion in U.S. exports to Saudi Arabia, the top commodity sectors were Transportation Equipment (27.6% of the total exports to the country), Machinery and Mechanical Appliances (22.4% of such total), and Chemicals, Plastics, Rubber, and Leather Goods (14.6% of such total).

In 2022, of \$23.3 billion in U.S. imports from Saudi Arabia, the top commodity sectors were Oils, Minerals, Lime, Cement (88.8% of the total U.S imports from the country), Chemicals, Plastics, Rubber, and Leather Goods (6.5% of such total) and Base Metals, Iron, Steel, Tools (2.1% of such total).

Imports from Saudi Arabia By Sector \$23,273,826,774	Saudi Arabia Commodity Trade 2022 Total Value All Commodities	US Exports to Saudi Arabia by Sector \$11,400,078,063
0.1%	Agriculture Products (Chapters 01-24)	13.7%
88.8%	Oils, Minerals, Lime, Cement (Chapters 25-27)	1.7%
6.5%	Chemicals, Plastics, Rubber, Leather Goods (Chapters 28-43)	14.6%
0.0%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	1.2%
0.9%	Textiles, Footwear, Headgear (Chapters 50-67)	0.6%
0.3%	Stone, Glass, Metals, Pearls (Chapters 68-71)	1.0%
2.1%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	3.5%
0.2%	Machinery & Mechanical Appliances (Chapters 84-85)	22.4%
0.0%	Transportation Equipment (Chapters 86-89)	27.6%
0.0%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	5.8%
0.0%	Arms & Ammunition (Chapter 93)	3.1%
0.0%	Miscellaneous Manufactured Items (Chapters 94-96)	1.1%
0.0%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.2%
1.0%	Special Classification Items (Chapter 98)	3.3%
0.0%	Temporary Legislation (Chapter 99)	0.0%

Source: U.S. Census Bureau USA Trade Portal August 30, 2023

In 2022, 0.6% of total U.S. global exports of \$2.1 trillion were exported to Saudi Arabia and 0.7% of total U.S. imports of \$3.2 trillion from all countries were imported from Saudia Arabia.

Exports

In 2022, \$3.2 billion of U.S. exports of Transportation Equipment to Saudi Arabia represented 1.3% of U.S. global exports of those commodities. Additionally, \$1.6 billion of exports of Agricultural Products represented 0.8%, and \$663.7 million of Optical, Measuring, Medical, other Instruments 0.7% of U.S. global exports of those commodities.

Imports

In 2022, \$20.7 billion of U.S. imports of Oils, Minerals, Lime, Cement from Saudi Arabia constituted 6.5% of the total U.S. imports of those commodities. Additionally, \$1.5 billion of imports of Chemicals, Plastics, Rubber, and Leather Goods represented 0.3%, and the \$482.7 million of imports of Base Metals, Iron Steel, Tools represented 0.3% of the global U.S. imports of those commodities.

U.S. Exports to Saudi Arabia in Arms and Ammunition

In 2022, U.S. exports of Arms and Ammunition to Saudi Arabia decreased significantly from \$604.1 million in 2021 to \$350.7 million, a decrease of 41.9%.



Analysis of U.S. Trade with Saudi Arabia, 2022

II. U.S. Exports to Saudi Arabia Subject to BIS Export Controls⁷

In 2022, of the \$11.4 billion⁸ in U.S. exports to Saudi Arabia:

- \$146.6 million, or 1.3% of the total value, were exported under a BIS license;
- \$96.8 million, or 0.8% of the total value, were exported under a BIS license exception;
- \$474.7 million, or 4.2%, were exported under No License Required (NLR) reporting an ECCN⁹;
- \$12.2 million, or 0.1%, were exported under NLR for 600-series .y subparagraph items¹⁰;
- \$0.001 million, or 0.00001%, were exported under NLR for 0A501 .y subparagraph Firearms items.¹¹

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;
- 0.02% of exports were exported under NLR for 600-series .y subparagraph items;
- 0.001% of exports were exported under NLR for 0A501 .y subparagraph Firearms items.

Saudi Arabia				
		2020	2021	2022
	Licensed by BIS	\$126.4	\$153.4	\$146.6
	BIS License Exceptions	\$184.5	\$71.0	\$96.8
	NLR reporting an ECCN [8]	\$776.0	\$369.9	\$474.7
	NLR DY6 600-Series .y subparagraph [9]	\$1.9	\$12.0	\$12.2
	NLR YFA 0A501 .y subparagraph firearms [10]	\$0.04	\$0.0	\$0.001
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
Saudi Arabia	X	X	X	X		X	X	X	X	X		X		X		

⁷ Unless otherwise specified, 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.

⁸ 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>.

⁹ Line items reported in AES as license type C33 with an ECCN. Excludes items classified as EAR99.

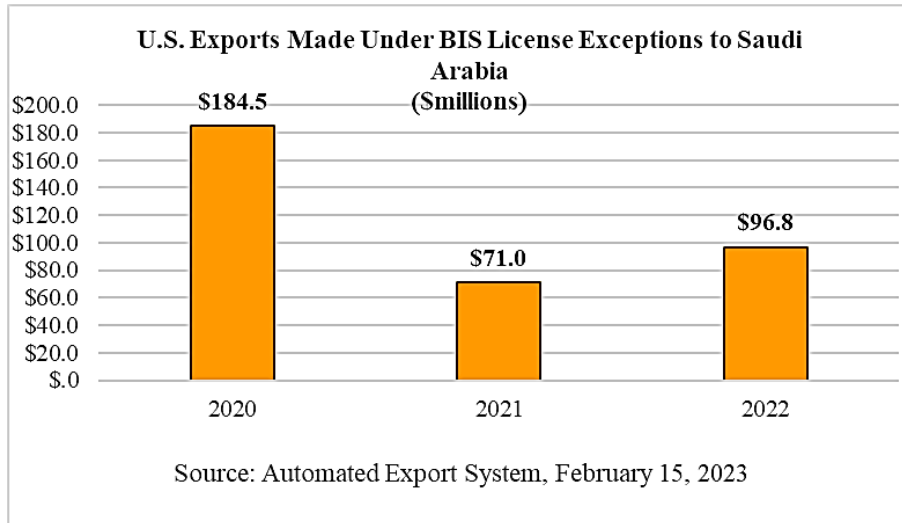
¹⁰ Line items reported in AES as 9x515 subparagraph .y or “600 series”, and shipped under license type C60 and license number DY6.

¹¹ Line items reported in AES as 0A501 subparagraph .y and shipped under license type code C63, and license number YFA.

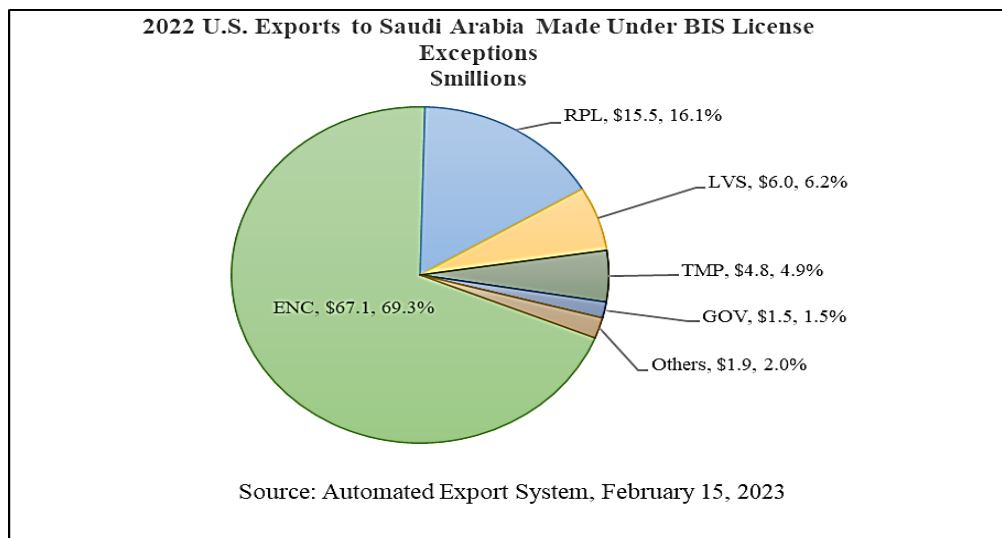


Analysis of U.S. Trade with Saudi Arabia, 2022

In 2022, U.S. exports to Saudi Arabia made under a BIS license exception totaled \$96.8 million, an increase of 36.4% from \$71.0 million in 2021.



In 2022, the top license exception, Encryption Commodities & Software (ENC), totaled at \$67.1 million (69.3% of all license exceptions for Saudi Arabia), followed by Servicing and Replacement of Parts and Equipment (RPL), totaled at \$15.5 million (16.1%), and Limited Value Shipments (LVS), totaled at \$6.0 million (6.2%).



STA: Strategic Trade Authorization

ENC: Encryption commodities, software, and technology

GOV: Governments, international organizations, international inspections under the Chemical Weapons Convention, and the International Space Station

RPL: Servicing and replacement of parts and equipment

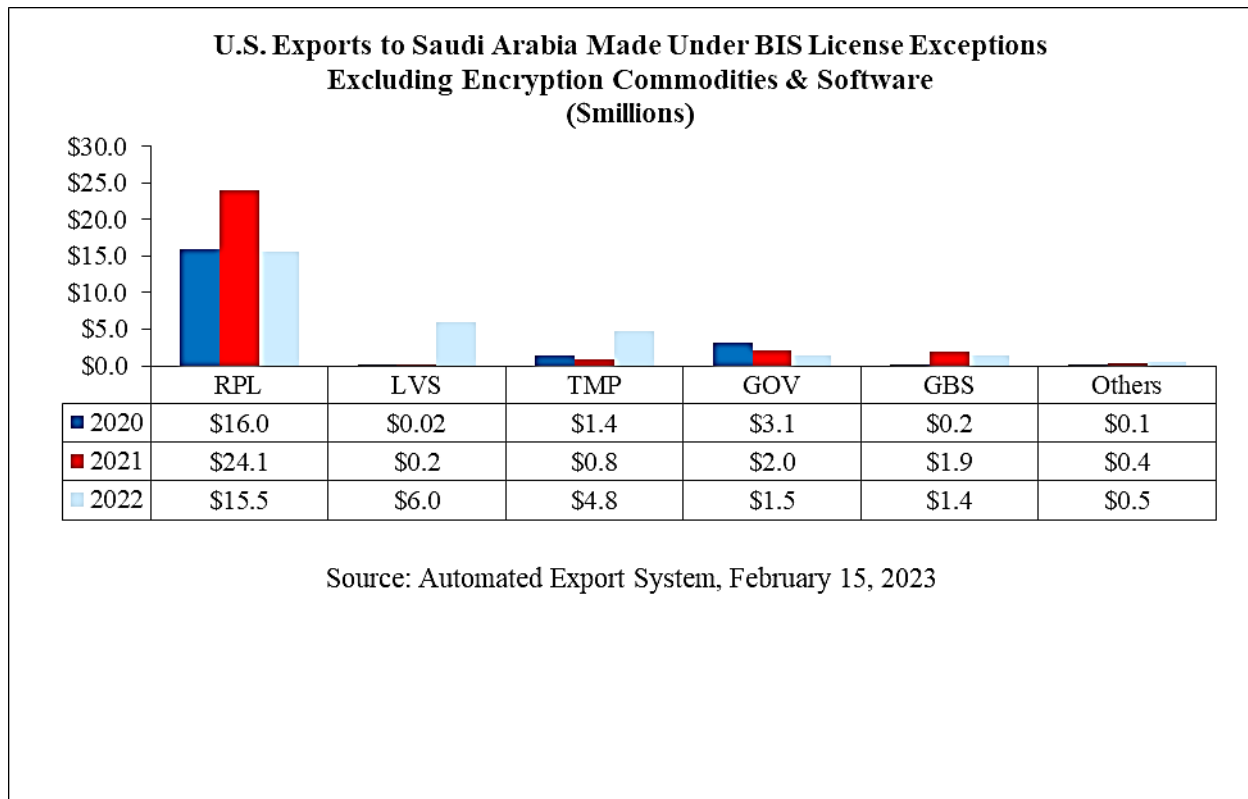
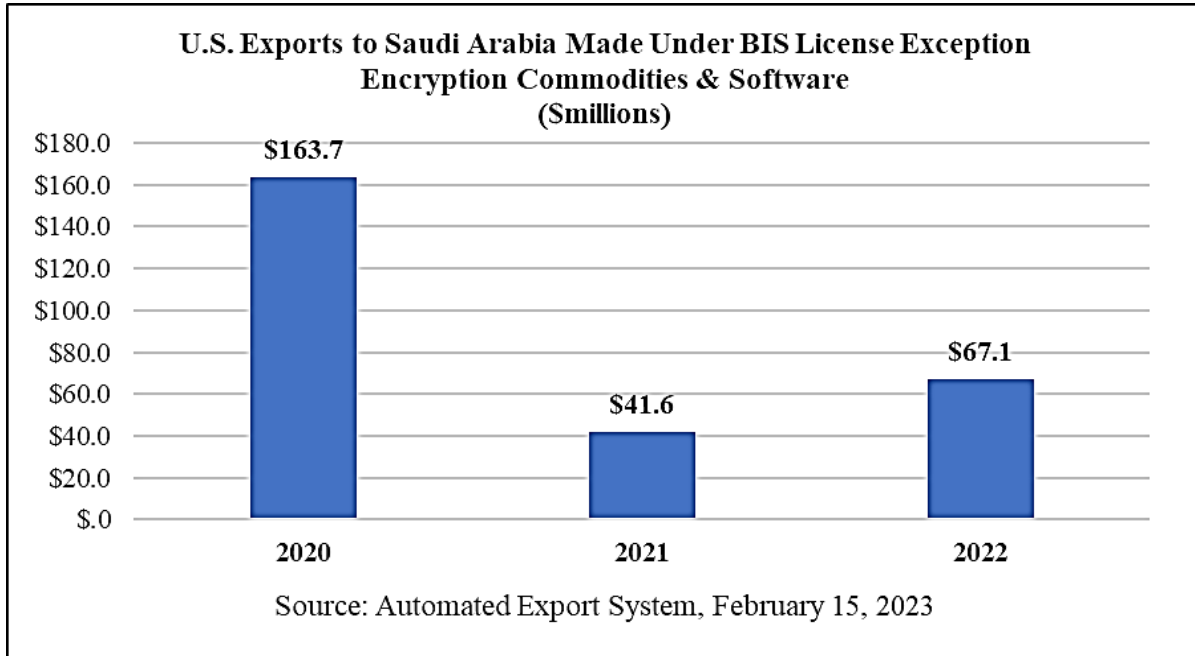
TMP: Temporary imports, exports, reexports, and transfers (in-country)

LVS: Limited Value Shipment



Analysis of U.S. Trade with Saudi Arabia, 2022

In 2022, U.S. exports to Saudi Arabia shipped under BIS license exception ENC totaled \$67.1 million, a 61.1% increase from \$41.6 million in 2021.





Analysis of U.S. Trade with Saudi Arabia, 2022

LICENSED	Top ECCNs Reported on Exports to Saudi Arabia, by aggregate shipment value (\$millions)		
	#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	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#4	9B604	Test, inspection, and production “equipment” and related commodities “
	#5	5A002	“Information security” systems, equipment and “components,” as follows
	#6	3A611	Military electronics, as follows (see List of Items Controlled).
	#7	6A003	Cameras, Systems or Equipment, and “Components” Therefor, as Follows (
	#8	9B619	Test, inspection, and production “equipment” and related commodities “
	#9	8A001	Submersible Vehicles and Surface Vessels, as Follows (See List of Item
	#10	7A003	'Inertial Measurement Equipment or Systems', Having any of the Followi

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

EXCEPTIONS	Top ECCNs Reported on Exports to Saudi Arabia, by aggregate shipment value (\$millions)		
	#1	5A002	“Information security” systems, equipment and “components,” as follows
	#2	9A604	Commodities related to launch vehicles, missiles, and rockets (see Lis
	#3	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	3A611	Military electronics, as follows (see List of Items Controlled).
	#5	9A619	Military gas turbine engines and related commodities (see List of Item
	#6	1A004	Protective and Detection Equipment and “Components,” Not “Specially De
	#7	9B610	Test, inspection, and production “equipment” and related commodities “
	#8	7A103	Instrumentation, navigation equipment and systems, other than those co
	#9	7A003	'Inertial Measurement Equipment or Systems', Having any of the Followi
	#10	0A614	Military training “equipment,” as follows (see List of Items Controlle

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

NLR with ECCN	Top ECCNs Reported on Exports to Saudi Arabia, by aggregate shipment value (\$millions)		
	#1	9A991	“Aircraft,” n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	2B999	Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#3	5A992	Equipment not controlled by 5A002 (see List of Items Controlled).
	#4	5A991	Telecommunication equipment, not controlled by 5A001 (see List of Item
	#5	7A994	Other navigation direction finding equipment, airborne communication e
	#6	1A999	Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#7	4A994	Computers, “electronic assemblies” and related equipment not controlle
	#8	0A617	Miscellaneous “Equipment,” Materials, and Related Commodities (See Lis
	#9	1C992	Commercial charges and devices containing energetic materials, n.e.s.
	#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

Source: Automated Export System



Analysis of U.S. Trade with Saudi Arabia, 2022

LICENSED	Top ECCNs Reported on Exports to Saudi Arabia, by shipment count [1]		
	#1	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated
	#2	5A002	"Information security" systems, equipment and "components," as follows
	#3	2B350	Chemical manufacturing facilities and equipment, except valves control
	#4	9B619	Test, inspection, and production "equipment" and related commodities "
	#5	9A619	Military gas turbine engines and related commodities (see List of Item
	#6	3A611	Military electronics, as follows (see List of Items Controlled).
	#7	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#8	EAR99	Items subject to the EAR that are not elsewhere specified in this CCL
	#9	0A504	Optical sighting devices for firearms (including shotguns controlled b
	#10	9B604	Test, inspection, and production "equipment" and related commodities "

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

EXCEPTIONS	Top ECCNs Reported on Exports to Saudi Arabia, by shipment count [1]		
	#1	5A002	"Information security" systems, equipment and "components," as follows
	#2	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	3A611	Military electronics, as follows (see List of Items Controlled).
	#4	9A619	Military gas turbine engines and related commodities (see List of Item
	#5	1A004	Protective and Detection Equipment and "Components," Not "Specially De
	#6	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#7	0A614	Military training "equipment," as follows (see List of Items Controlle
	#8	9A991	"Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#9	EAR99	Items subject to the EAR that are not elsewhere specified in this CCL
	#10	7A611	Military fire control, laser, imaging, and guidance equipment, as foll

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

NLR with ECCN	Top ECCNs Reported on Exports to Saudi Arabia, by shipment count [1]		
	#1	9A991	"Aircraft," n.e.s., and gas turbine engines not controlled by 9A001 or
	#2	5A991	Telecommunication equipment, not controlled by 5A001 (see List of Item
	#3	5A992	Equipment not controlled by 5A002 (see List of Items Controlled).
	#4	2B999	Specific Processing Equipment, n.e.s., as Follows (See List of Items C
	#5	4A994	Computers, "electronic assemblies" and related equipment not controlle
	#6	7A994	Other navigation direction finding equipment, airborne communication e
	#7	1A995	Protective and detection equipment not "specially designed" for milita
	#8	3A992	General purpose electronic equipment not controlled by 3A002.
	#9	1C992	Commercial charges and devices containing energetic materials, n.e.s.
	#10	1A999	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

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

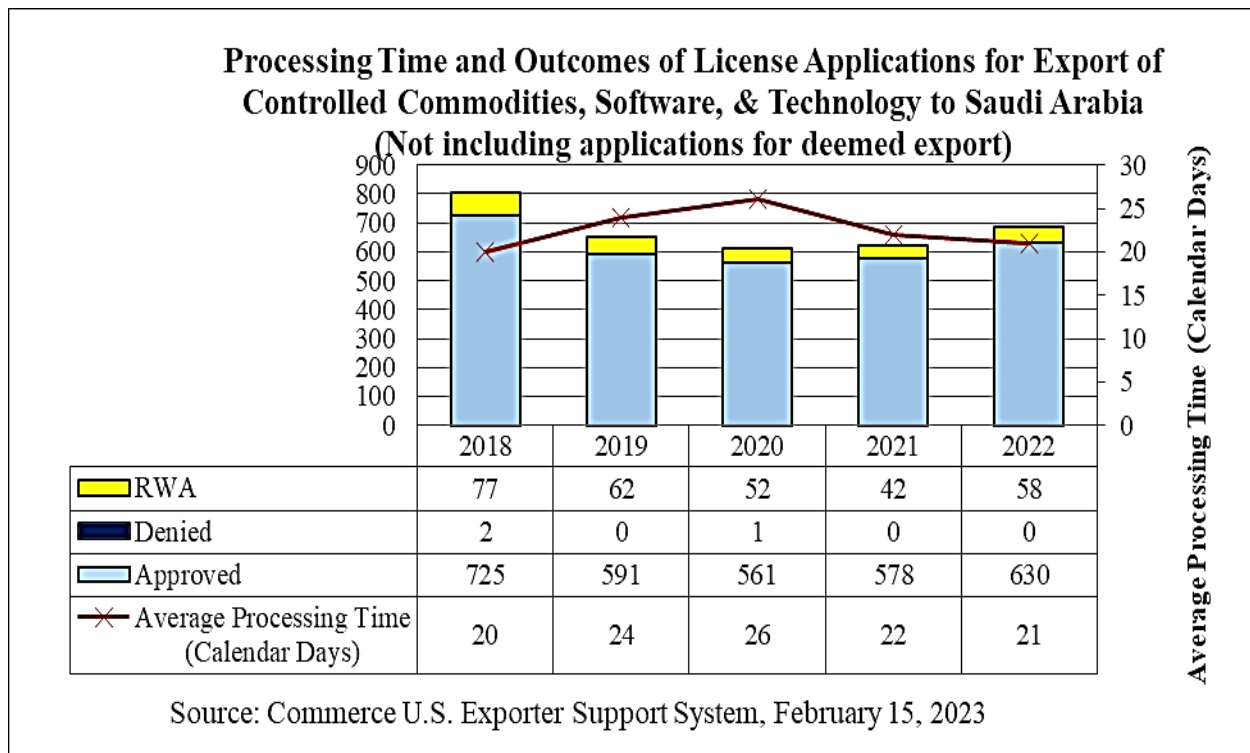


Analysis of U.S. Trade with Saudi Arabia, 2022

III. BIS Licensing Involving Saudi Arabia¹²

In 2022, the number of export license applications for Saudi Arabia, excluding applications for deemed exports and reexports, amounted to 1.8% of total applications worldwide.

In 2022, for applications involving commodities, software, and technology (excluding deemed exports and reexports of technology and source code to Saudi nationals in the U.S. or in a third country), BIS reviewed 688 export/re-export license applications valued at \$1.1 billion for Saudi Arabia, compared to 39,045 applications worldwide valued at \$335.9 billion. There were no denied license applications. BIS approved 630 applications valued at \$1.09 billion with an approval rate of 91.6%, compared to 34,068 approvals worldwide and valued at \$226.1 billion with an approval rate of 87.3%.

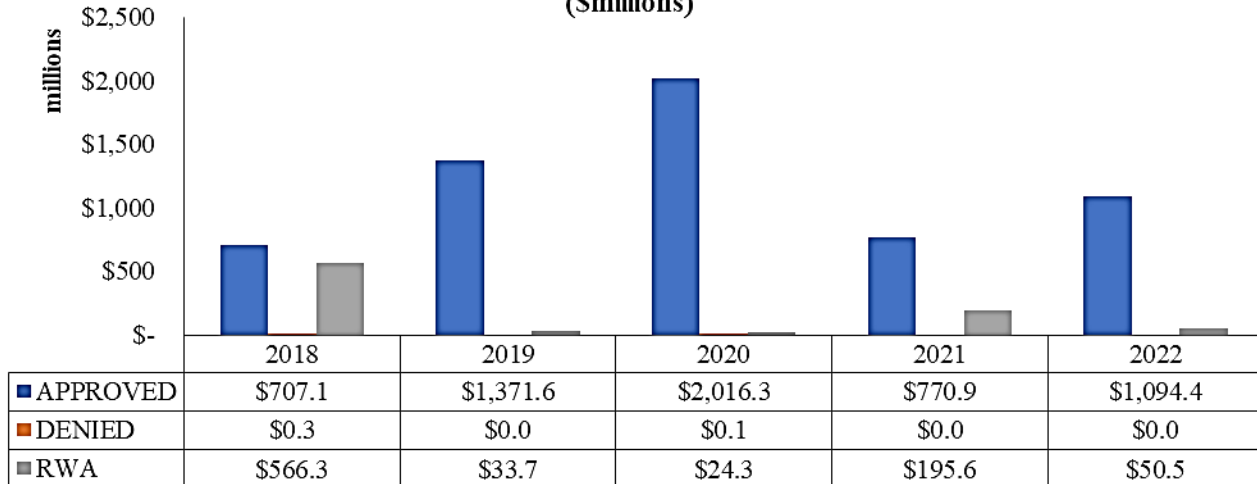


¹² Licensing data in this section is drawn from BIS internal systems. Data pertains to applications for export and/or reexport licenses and their associated outcomes. Reexport and export licenses and applications are not differentiated in this report; therefore, references to export licenses or applications should be interpreted as inclusive of reexport licenses and applications as well. All licensing figures include cases of deemed exports and/or deemed reexports, unless otherwise noted.



Analysis of U.S. Trade with Saudi Arabia, 2022

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



In 2022, BIS reviewed six applications for deemed exports or reexports involving Saudi nationals, representing 0.5% of total deemed export or reexport applications worldwide. BIS approved four of these applications and returned two without action (an approval rate of 66.7%).

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

Count of License Applications for Deemed Export, By Outcome, For Nationals of Saudi Arabia						
2019-2022						
Year	APPROVED	DENIED	RWA	Saudi Arabia Total	Worldwide Total	Saudi Arabia Total/ World Total
2019	1	0	0	1	969	0.1%
2020	2	0	0	2	1,308	0.2%
2022	4	0	2	6	1,207	0.5%
0	0	0	0	0	924	0.0%
0	0	0	0	0	1,457	0.0%

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



Analysis of U.S. Trade with Saudi Arabia, 2022

In 2022, the top approved Export Control Classification Numbers (ECCNs) on licenses for Saudi Arabia were 2B350 for Chemical Manufacturing Facilities And Equipment, except Valves Control with 176 approvals, followed by 9A610 for Military Aircraft and Related Commodities with 79 approvals, and 0A606 Ground Vehicles and Related Commodities, as follows (see List of Items) with 67 approvals.

Top ECCNs Approved for Export to Saudi Arabia, by Number of Licenses					2018	2019	2020	2021	2022	% of worldwide
APPROVED	#1	2B350	Chemical manufacturing facilities and equipment, except valves control		275	243	192	176	176	8.7%
	#2	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated		103	45	62	78	79	1.6%
	#3	0A606	Ground vehicles and related commodities, as follows (see List of Items		43	18	31	50	67	9.2%
	#4	6A003	Cameras, Systems or Equipment, and "Components" Therefor, as Follows (15	21	31	35	43	3.2%
	#5	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s		-	-	19	38	32	0.6%
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 Saudi Arabia was 21 calendar days.



Analysis of U.S. Trade with Saudi Arabia, 2022

Summary of U.S. Exports to Saudi Arabia Calendar Year 2022				
	2021	2022	% change	% of total exports 2022
Total Exports [1]	\$ 11,131,380,781	\$ 11,400,078,063	2.4%	
EAR Controlled Exports [2]	2021	2022	% change	% of total exports 2022
C30 - Licenses	\$ 146,086,497	\$ 146,605,474	0.4%	1.3%
License Exceptions [2]	2021	2022	% of total license exceptions 2022	% of total exports 2022
C50 - ENC	\$ 41,640,234	\$ 67,101,584	69.3%	0.6%
C41 - RPL	\$ 24,076,463	\$ 15,546,366	16.1%	0.1%
C35 - LVS	\$ 160,585	\$ 5,995,036	6.2%	0.1%
C40 - TMP	\$ 805,885	\$ 4,767,302	4.9%	0.04%
C42 - GOV	\$ 2,034,996	\$ 1,497,995	1.5%	0.01%
C36 - GBS	\$ 1,907,095	\$ 1,374,012	1.4%	0.01%
C46 - AVS	\$ 315,424	\$ 339,500	0.4%	0.003%
C44 - TSU	\$ 21,838	\$ 172,422	0.2%	0.002%
C53 - APP	\$ 23,202	\$ 17,139	0.02%	0.0002%
C45 - BAG	\$ -	\$ 15,000	0.02%	0.0001%
Subtotal License Exceptions	\$ 70,985,722.00	\$ 96,826,356.00		0.8%
Total of Licensed Exports and License Exceptions	\$ 224,434,996.00	\$ 243,445,041.00		2.1%
NLR [2]	2021	2022	% of total NLR 2022	% of total exports 2022
C33 - NLR with an ECCN	\$ 369,879,688	\$ 474,712,078	97.5%	4.2%
C60 - NLR for 600-series .y subparagraph	\$ 11,960,291	\$ 12,213,453	2.5%	0.1%
C63 - NLR for 0A501 .y subparagraph Firearms	\$ -	\$ 1,044	0.0002%	0.00001%
Subtotal NLR	\$ 381,839,979	\$ 486,926,575		4.3%

[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.

[2] Source: Automated Export System (AES) filings.