



U.S. Trade with Malaysia

Summary

In 2022, U.S. exports to Malaysia totaled \$18.1 billion, an increase of 19.3% (\$2.9 billion), and U.S. imports totaled \$54.8 billion, a decrease of 2.4% (\$1.4 billion). The trade deficit was \$36.6 billion, a decrease of 10.5% (\$4.3 billion).

In 2022, **0.9%** of total U.S. exports of \$2.1 trillion to the World were exported to Malaysia and **1.7%** of total U.S. imports of \$3.2 trillion were imported from Malaysia.

In 2022, \$8.7 billion of U.S. exports of Machinery & Mechanical Appliances to Malaysia represented 2.0% of U.S. global exports of those commodities.

In 2022, \$37.9 billion of U.S. imports of Machinery & Mechanical Appliances from Malaysia represented 4.1% of U.S. global imports of those commodities.

In 2022, U.S. exports to Malaysia shipped under a BIS license exception authorization totaled \$485.1 million, an increase of 65.7% from \$292.7 million in 2021.

In 2022, the top license exception Encryption Commodities & Software (ENC) totaled \$396.9 million (81.8% of all license exceptions), followed by Country Group B Shipments (GBS) at \$64.1 million (13.2%), and Temporary Imports, Exports, & Re-Exports (TMP) at \$16.2 million (3.3%).

In 2022, license applications for Malaysia counted **1.5%** of the worldwide total by license count.

In 2022, for tangible items, software, and technology, excluding deemed exports, BIS reviewed **615** export/re-export license applications valued at \$2.6 billion for Malaysia. BIS approved 567 applications for Malaysia valued at \$2.3 billion with an approval rate of 92.2%. BIS denied only two license applications for Malaysia.

In 2022, for Deemed Exports, BIS reviewed **3** applications from Malaysian nationals, **0.002%** of the total applications worldwide. BIS approved 3 with an approval rate of 100%. In the last five years, there were no denials for Deemed Export applications from Malaysian nationals.

In 2022, the top approved ECNNs (including deemed exports) to Malaysia by count include: **9A610** for Military Aircraft and Related Commodities with 116 approvals; **3A001** for Electronic items with 84 approvals; and **2B350** for Chemical manufacturing facilities and equipment with 68 approvals.

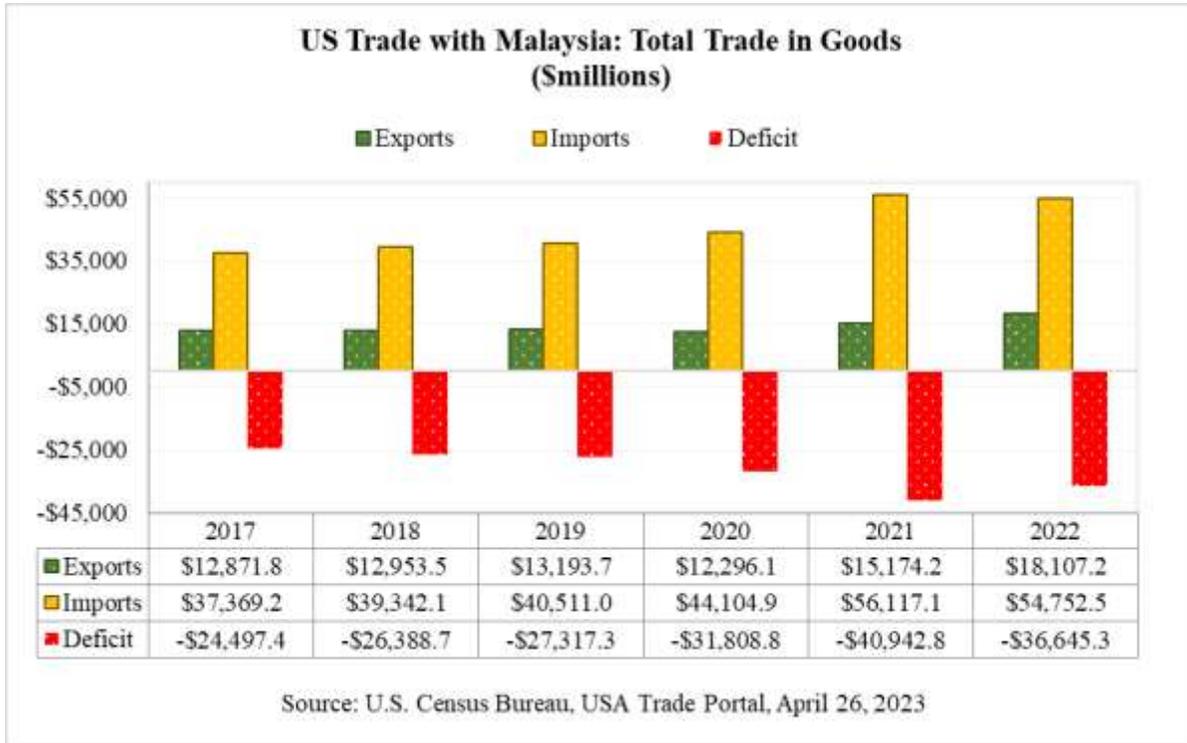
In 2022, the average processing time for Malaysia was **27** calendar days.



U.S. Trade with Malaysia

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

In 2022, U.S. Exports totaled \$18.1 billion, an increase of 19.3% (\$2.9 billion), and U.S. imports totaled \$54.8 billion, a decrease of 2.4% (\$1.4 billion). The trade deficit was \$36.6 billion, a decrease of 10.5% (\$4.3 billion).



In 2022, the level of U.S. exports to Malaysia and U.S. imports from Malaysia as well as trade deficit all exceeded the prior five-year average level by value not adjusted for inflation.

	2017	2018	2019	2020	2021	2022	2017-2021 Average
EXPORTS	\$12,871.8	\$12,953.5	\$13,193.7	\$12,296.1	\$15,174.2	\$18,107.2	\$13,297.9
Δvalue	--	\$81.7	\$240.3	-\$897.6	\$2,878.2	\$2,933.0	
Δpct	--	0.6%	1.9%	-6.8%	23.4%	19.3%	
IMPORTS	\$37,369.2	\$39,342.1	\$40,511.0	\$44,104.9	\$56,117.1	\$54,752.5	\$43,488.9
Δvalue	--	\$1,973.0	\$1,168.8	\$3,593.9	\$12,012.2	-\$1,364.6	
Δpct	--	5.3%	3.0%	8.9%	27.2%	-2.4%	
BALANCE	(\$24,497.4)	(\$26,388.7)	(\$27,317.3)	(\$31,808.8)	(\$40,942.8)	(\$36,645.3)	(\$30,191.0)
Δvalue	--	(\$1,891.3)	(\$928.6)	(\$4,491.6)	(\$9,134.0)	\$4,297.6	
Δpct	--	7.7%	3.5%	16.4%	28.7%	-10.5%	

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau USA Trade Portal April 26, 2023



In 2022, of \$18.1 billion in U.S. exports to Malaysia, the top commodity sectors were Machinery & Mechanical Appliances (47.8% of the total exports), Base Metals, Iron, Steel, Tools (11.5%), and Chemical, Plastics, Rubber, Leather Goods (11.4%).

In 2022, of \$54.8 billion in U.S. imports from Malaysia, the top commodity sectors were Machinery and Mechanical Appliances (69.3% of the total U.S imports), Chemicals, Plastics, Rubber, Leather Goods (7.7%) and Optical, Measuring, Medical, Other Instruments (6.9%).

Imports from Malaysia By Sector	Malaysia Commodity Trade 2022	US Exports to Malaysia by Sector
\$54,752,463,190	Total Value All Commodities	\$18,107,202,137
1.7%	Agriculture Products (Chapters 01-24)	5.6%
1.7%	Oils, Minerals, Lime, Cement (Chapters 25-27)	1.3%
7.7%	Chemicals, Plastics, Rubber, Leather Goods (Chapters 28-43)	11.4%
1.2%	Wood, Cork, Paper, Printed Books (Chapters 44-49)	1.8%
0.7%	Textiles, Footwear, Headgear (Chapters 50-67)	0.6%
0.5%	Stone, Glass, Metals, Pearls (Chapters 68-71)	2.2%
2.4%	Base Metals, Iron, Steel, Tools (Chapters 72-83)	11.5%
69.3%	Machinery & Mechanical Appliances (Chapters 84-85)	47.8%
0.8%	Transportation Equipment (Chapters 86-89)	8.9%
6.9%	Optical, Measuring, Medical, Other Instruments (Chapters 90-92)	6.1%
0.01%	Arms & Ammunition (Chapter 93)	0.02%
4.4%	Miscellaneous Manufactured Items (Chapters 94-96)	0.3%
0.001%	Art, Collectors' Pieces, Antiques (Chapter 97)	0.05%
1.8%	Special Classification Items (Chapter 98)	2.4%
0.9%	Temporary Legislation (Chapter 99)	0.0%

Source: U.S. Census Bureau USA Trade Portal April 26, 2023

The Share of U.S. – Malaysia Trade in U.S. Global Trade

In 2022, **0.9%** of total U.S. exports of \$2.1 trillion to the World were exported to Malaysia and **1.7%** of total U.S. imports of \$3.2 trillion were imported from Malaysia.

Exports

In 2022, \$8.7 billion of U.S. exports of Machinery & Mechanical Appliances to Malaysia represented 2.0% of U.S. global exports of those commodities. Additionally, \$2.1 billion of Base Metals, Iron, Steel, Tools represented 2.4% of U.S. global exports of those commodities.

Imports

In 2022, \$37.9 billion of U.S. imports of Machinery & Mechanical Appliances from Malaysia represented 4.1% of U.S. global imports of those commodities. Additionally, \$4.2 billion of imports of Chemicals, Plastics, Rubber, and Leather Goods represented 0.9%, and the \$3.8 billion of imports of Optical, Measuring, Medical, and Other Instruments represented 3.1% of the global U.S. imports of those commodities.



U.S. Exports to Malaysia subject to U.S. Government Export Control

II. U.S. Exports to Malaysia subject to U.S. Government Export Control

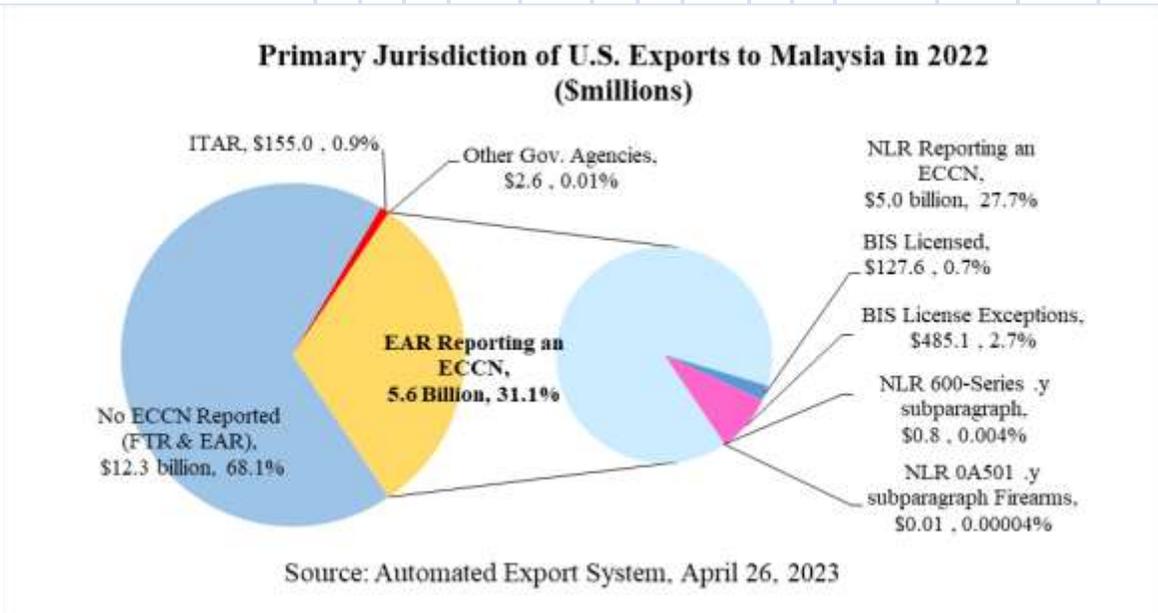
In 2022, of \$18.1 billion in U.S. exports to Malaysia:

- \$612.7 million, 3.4% of the total exports were subject to a BIS license requirement:
 - \$127.6 million, 0.7% were exported under a BIS license; Worldwide, 0.4% were exported under a BIS license.
 - \$485.1 million, 2.7% were exported under a BIS license exception; Worldwide, 0.8% were exported under a BIS license exception.
- \$5.0 billion, 27.7% were exported under NLR reporting an ECCN; Worldwide, 9.6% were exported under NLR reporting an ECCN.
 - \$0.8 million, 0.004% were exported under NLR for 600-series .y subparagraph items; Worldwide, 0.02% were exported under NLR for 600-series .y subparagraph items.
 - \$0.01 million, 0.00004% were exported under NLR for 0A501 .y subparagraph Firearms items; Worldwide, 0.001% were exported under NLR for 0A501 .y subparagraph Firearms items.

Malaysia		2020	2021	2022
Department of State		\$50.5	\$41.9	\$155.0
Other USG Agencies		\$1.9	\$1.7	\$2.6
No ECCN Reported (FTR & EAR)		\$9,037.3	\$10,816.2	\$12,323.4
Department of Commerce		\$3,206.4	\$4,314.5	\$5,626.2
	BIS Licensed	\$55.7	\$96.8	\$127.6
	BIS License Exceptions	\$347.4	\$292.7	\$485.1
	NLR reporting an ECCN	\$2,803.0	\$3,924.4	\$5,012.7
	NLR DY6 600-Series .y subparagraph	\$0.4	\$0.6	\$0.8
	NLR YFA 0A501 .y subparagraph firearm	\$0.003	\$0.01	\$0.01

Values in Millions of U.S. Dollars. Source: Automated Export System April 26, 2023

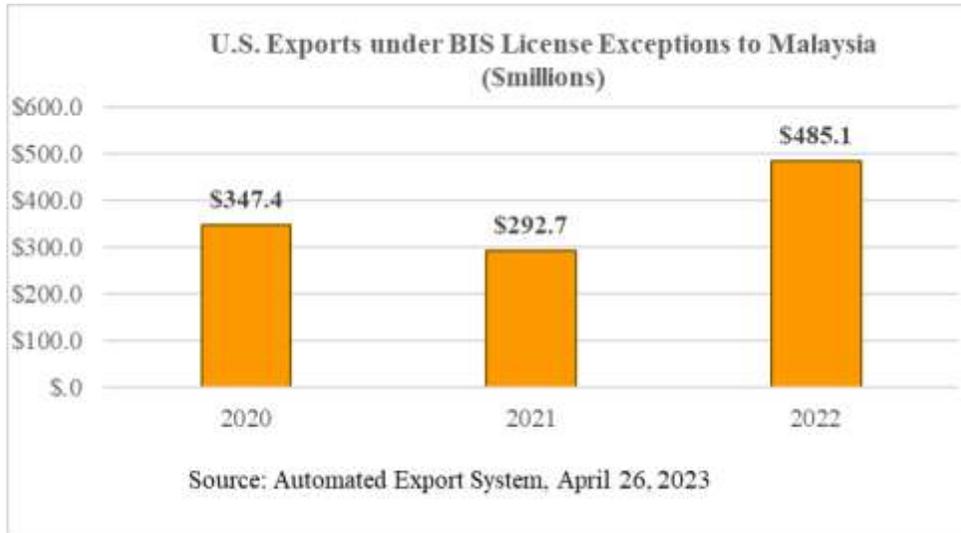
Reasons for Control	Chemical and Biological Weapons			Nuclear Nonproliferation		National Security		Missile Tech	Regional Stability		Firearms Convention	Crime Control			Anti-Terrorism	
	CB:1	CB:2	CB:3	NP:1	NP:2	NS:1	NS:2	MT:1	RS:1	RS:2	FC:1	CC:1	CC:2	CC:3	AT:1	AT:2
Malaysia	X	X		X		X	X	X	X	X		X		X		



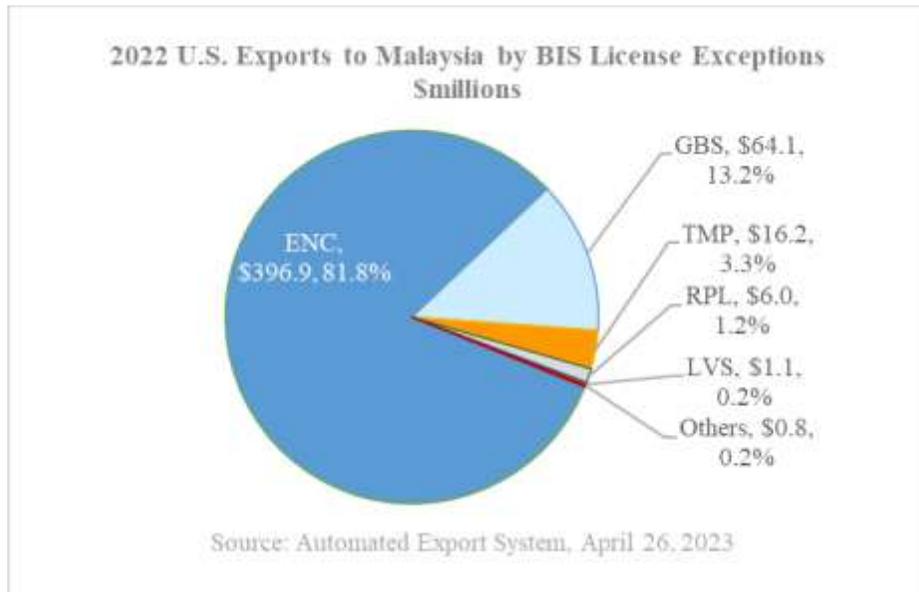


U.S. Exports to Malaysia subject to U.S. Government Export Control

In 2022, U.S. exports to Malaysia shipped under a BIS license exception authorization totaled \$485.1 million, an increase of 65.7% (from \$292.7 million in 2021).



In 2022, the top license exception Encryption Commodities & Software (ENC) totaled \$396.9 million (42.9% of all license exceptions), followed by Encryption Commodities & Software (ENC) at \$414.9 million (32.2%), and Governments, international organizations, international inspections under the Chemical Weapons Convention, and the International Space Station (GOV) at \$215.1 million (16.7%).

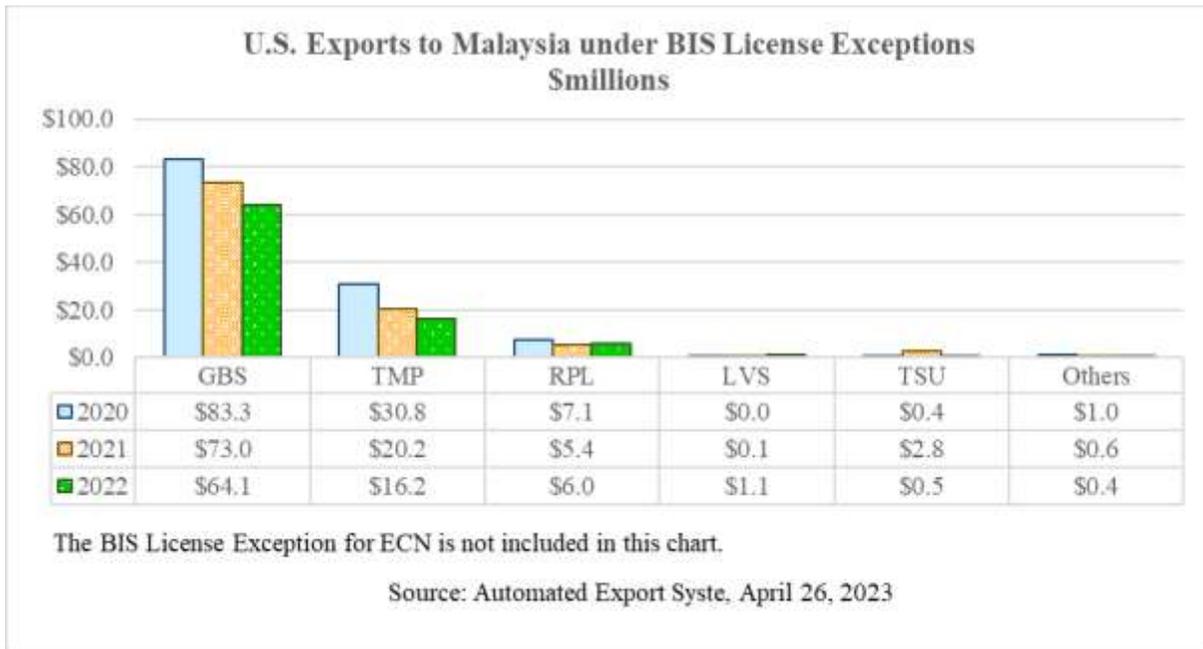
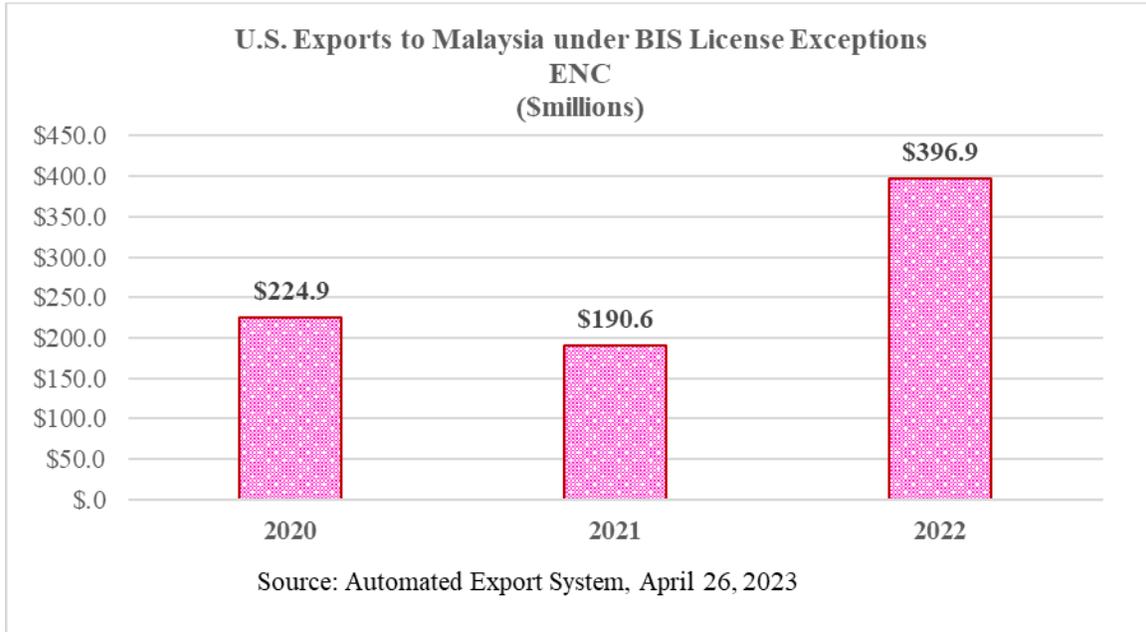


- ENC: Encryption Commodities & Software
- GBS: Country Group B Shipments
- TMP: Temporary imports, exports, reexports, and transfers (in-country)
- RPL: Servicing and replacement of parts and equipment
- LVS: Limited Value Shipments



U.S. Exports to Malaysia subject to U.S. Government Export Control

In 2022, U.S. exports to Malaysia shipped under a BIS license exception: Encryption Commodities & Software totaled \$396.9 million, a 108.2% (\$206.3 million) increase from \$190.6 million in 2021.





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

Top Ten ECCNs by Value to Malaysia (\$millions)		
LICENSED	#1	3A001 Electronic items as follows (see List of Items Controlled).
	#2	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#3	2B230 All types of “pressure transducers” capable of measuring absolute pres
	#4	9A619 Military gas turbine engines and related commodities (see List of Item
	#5	5A002 “Information security” systems, equipment and “components,” as follows
	#6	7A103 Instrumentation, navigation equipment and systems, other than those co
	#7	2B001 Machine tools and any combination thereof, for removing (or cutting) m
	#8	3A611 Military electronics, as follows (see List of Items Controlled).
	#9	3A002 General purpose “electronic assemblies,” modules and equipment, as fol
	#10	2B350 Chemical manufacturing facilities and equipment, except valves control

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

Top Ten ECCNs by Value to Malaysia (\$millions)		
EXCEPTIONS	#1	5A002 “Information security” systems, equipment and “components,” as follows
	#2	3A001 Electronic items as follows (see List of Items Controlled).
	#3	3A002 General purpose “electronic assemblies,” modules and equipment, as fol
	#4	5B002 “Information Security” test, inspection and “production” equipment, as
	#5	9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated
	#6	1C006 Fluids and lubricating materials, as follows (see List of Items Contro
	#7	7A103 Instrumentation, navigation equipment and systems, other than those co
	#8	3B001 Equipment for the manufacturing of semiconductor devices or materials,
	#9	6A005 “Lasers,” “components” and optical equipment, as follows (see List of
	#10	EAR99 Items subject to the EAR that are not elsewhere specified in this CCL

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

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

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



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

LICENSED	Top Ten ECCNs by Count to Malaysia		
	#1	2B230	All types of “pressure transducers” capable of measuring absolute pres
	#2	3A001	Electronic items as follows (see List of Items Controlled).
	#3	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	7A103	Instrumentation, navigation equipment and systems, other than those co
	#5	2B350	Chemical manufacturing facilities and equipment, except valves control
	#6	0A501	Firearms (except 0A502 shotguns) and related commodities as follows (s
	#7	7A002	Gyros or Angular Rate Sensors, Having any of the Following, and “Speci
	#8	3A611	Military electronics, as follows (see List of Items Controlled).
	#9	9A619	Military gas turbine engines and related commodities (see List of Item
	#10	3A002	General purpose “electronic assemblies,” modules and equipment, as fol

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

EXCEPTIONS	Top Ten ECCNs by Count to Malaysia		
	#1	5A002	“Information security” systems, equipment and “components,” as follows
	#2	3A001	Electronic items as follows (see List of Items Controlled).
	#3	9A610	Military Aircraft and Related Commodities, Other Than Those Enumerated
	#4	3A002	General purpose “electronic assemblies,” modules and equipment, as fol
	#5	5B002	“Information Security” test, inspection and “production” equipment, as
	#6	9A604	Commodities related to launch vehicles, missiles, and rockets (see Lis
	#7	3B001	Equipment for the manufacturing of semiconductor devices or materials,
	#8	EAR99	Items subject to the EAR that are not elsewhere specified in this CCL
	#9	7A103	Instrumentation, navigation equipment and systems, other than those co
	#10	1C006	Fluids and lubricating materials, as follows (see List of Items Contro

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

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

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



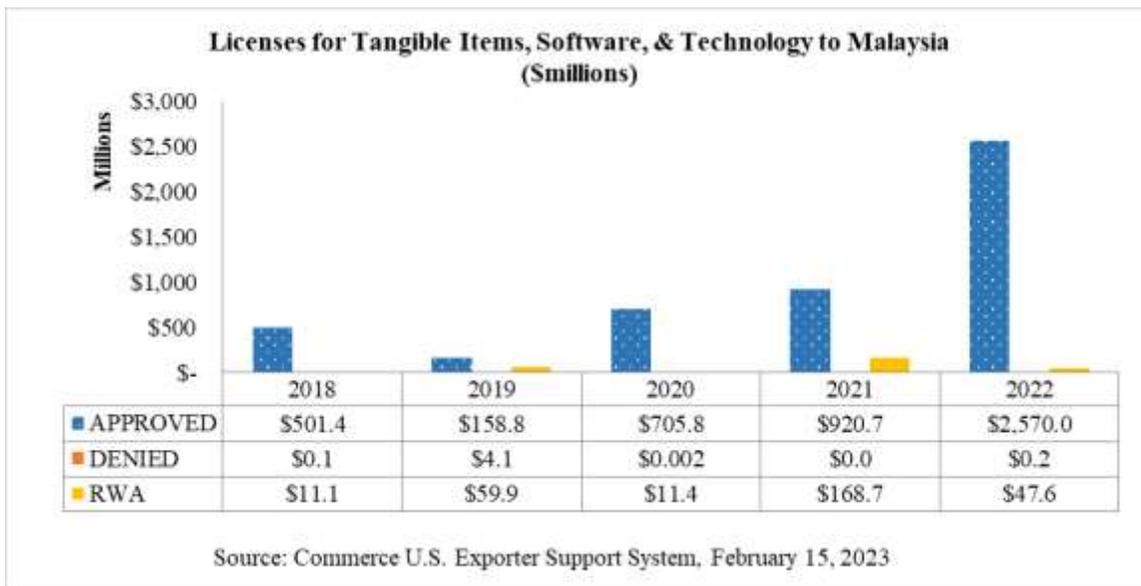
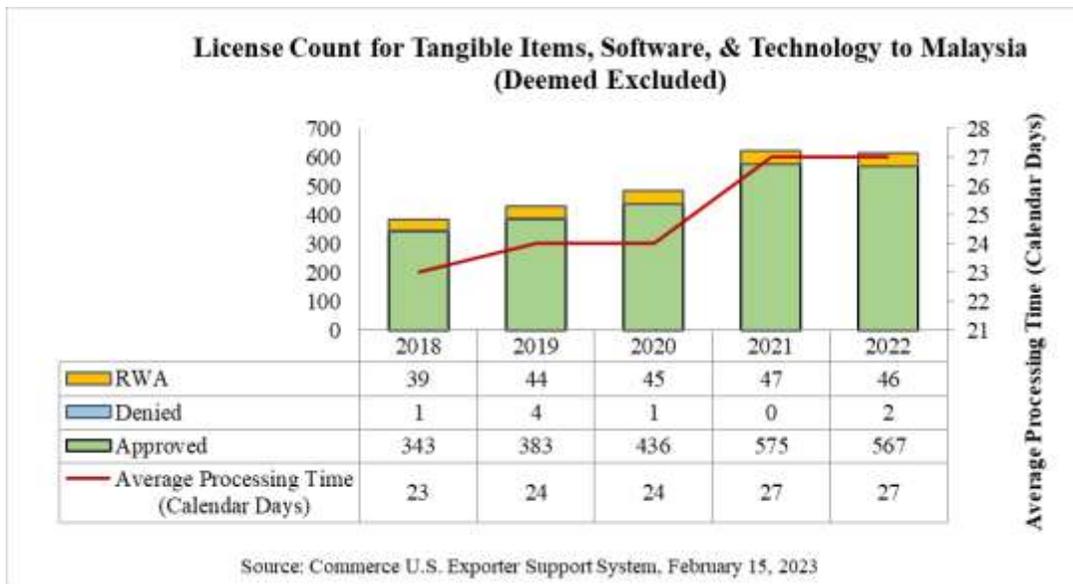
III. BIS Licensing to Malaysia

In 2022, license applications for Malaysia counted **1.5%** of the worldwide total by license count.

In 2022, for tangible items, software, and technology, excluding deemed exports, BIS reviewed 615 export/re-export license applications valued at \$2.6 billion for Malaysia, compared to 39,040 applications worldwide valued at \$335.5 billion.

In 2022, BIS approved 567 applications for Malaysia valued at \$2.6 billion with an approval rate of 92.2%, compared to 34,062 approvals worldwide and valued at \$225.6 billion with an approval rate of 84.1%.

In 2022, BIS only denied two license applications.





BIS License Determination Trends for Malaysia

In 2022, for Deemed Exports, BIS reviewed 3 applications from Malaysian nationals, out of 1,462 applications worldwide. BIS approved 3 with an approval rate of 100%, compared to 1,347 approved worldwide with an approval rate of 92.1%.

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

Deemed Export Licenses for Nationals of Malaysia						
2018-2022						
Year	Approved	RWA	Denied	Malaysia Total	World Total	Malaysia Total/World Total
2018	0	1	0	1	967	0.1%
2019	1	0	0	1	1,302	0.1%
2020	3	0	0	3	1,212	0.2%
2021	2	2	0	4	928	0.4%
2022	3	0	0	3	1,462	0.2%

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

In 2022, the top approved ECNNs (including deemed exports) to Malaysia by count include: **9A610** for Military Aircraft and Related Commodities with 116 approvals; **3A001** for Electronic Items with 84 approvals; and **2B350** for Chemical manufacturing facilities and equipment with 68 approvals.

Top Ten Approved (with deemed) ECNNs to Malaysia by License Count		2018	2019	2020	2021	2022	% of world total
APPROVED	#1 9A610 Military Aircraft and Related Commodities, Other Than Those Enumerated	54	51	51	166	116	2.3%
	#2 3A001 Electronic items as follows (see List of Items Controlled).	33	33	38	50	84	6.5%
	#3 2B350 Chemical manufacturing facilities and equipment, except valves control	49	67	71	55	68	3.4%
	#4 3A002 General purpose “electronic assemblies,” modules and equipment, as fol	14	25	28	28	35	34.3%
	#5 0A501 Firearms (except 0A502 shotguns) and related commodities as follows (s	-	-	24	23	26	0.5%
	#6 7A103 Instrumentation, navigation equipment and systems, other than those co	7	28	11	14	24	5.6%
	#7 6A003 Cameras, Systems or Equipment, and “Components” Therefor, as Follows (12	13	13	9	20	1.5%
	#8 0A504 Optical sighting devices for firearms (including shotguns controlled b	-	-	8	25	16	1.0%
	#9 2B230 All types of “pressure transducers” capable of measuring absolute pres	21	19	24	10	15	4.3%
	#10 3A233 Mass spectrometers, capable of measuring ions of 230 atomic mass units	10	12	6	8	15	3.7%

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

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

Denied (with deemed) ECNNs to Malaysia by Count		2022	% of World Total
#1	9A515 “Spacecraft” and related commodities, as follows (see List of Items Co	2	50.0%

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 Malaysia was **27** calendar days.



Summary of U.S. Exports to Malaysia

Summary of U.S. Exports to Malaysia Calendar Year 2022				
	2021	2022	% Change	% of total exports
Total Exports	\$15,174,239,228	\$18,107,202,137	19.3%	
ITAR and other Government Agencies				
	2021	2022	% Change	% of total exports
Subject to ITAR	\$41,914,514	\$155,023,104	269.9%	0.9%
Subject to Other Gov. Agencies	\$1,675,497	\$2,564,218	53.0%	0.01%
Subtotal ITAR and other Agencies	\$43,590,011	\$157,587,322	261.5%	0.9%
EAR Controlled Exports				
	2021	2022	% of Total Licensed	% of total exports
Licensed Exports and Voluntary Disclosure				
C30 - Licenses	\$96,753,781	\$127,634,168	100.0%	
VDC - Voluntary Disclosure	\$0	\$0		
Subtotal Licensed Exports and Voluntary Disclosure	\$96,753,781	\$127,634,168		0.7%
License Exceptions				
	2021	2022	% of Total License Exceptions	% of total exports
C50 - ENC	\$190,630,359	\$396,888,026	81.8%	
C36 - GBS	\$73,026,876	\$64,121,492	13.2%	
C40 - TMP	\$20,179,087	\$16,187,717	3.3%	
C41 - RPL	\$5,391,112	\$5,974,596	1.2%	
C35 - LVS	\$60,882	\$1,116,335	0.2%	
C44 - TSU	\$2,819,469	\$457,093	0.1%	
C53 - APP	\$203,382	\$176,316	0.04%	
C38 - TSR	\$0	\$94,805	0.02%	
C46 - AVS	\$390,430	\$88,103	0.02%	
C45 - BAG	\$0	\$7,950	0.002%	
C42 - GOV	\$12,730	\$70	0.00001%	
Subtotal License Exceptions	\$292,714,327	\$485,112,503		2.7%
Total subject to License Requirement (Licensed and License Exceptions)	\$389,468,108	\$612,746,671		3.4%
NLR				
	2021	2022	% of Total NLR	% of total exports
C33 - NLR with an ECCN	\$3,924,353,190	\$5,012,690,494	99.98%	
C60 - NLR for 600-series .y subparagraph	\$633,536	\$785,423	0.02%	
C63 - NLR for 0A501 .y subparagraph Firearms	\$14,593	\$8,081	0.0002%	
Subtotal NLR	\$3,925,001,319	\$5,013,483,998		27.7%
	2021	2022	% Change	% of total exports
Total exports not reporting an ECCN	\$13,749,142,699	\$12,323,384,146	-10.4%	68.1%

Source: U.S. Census Bureau., Foreign Trade Division, Automated Export System, April 26, 2023