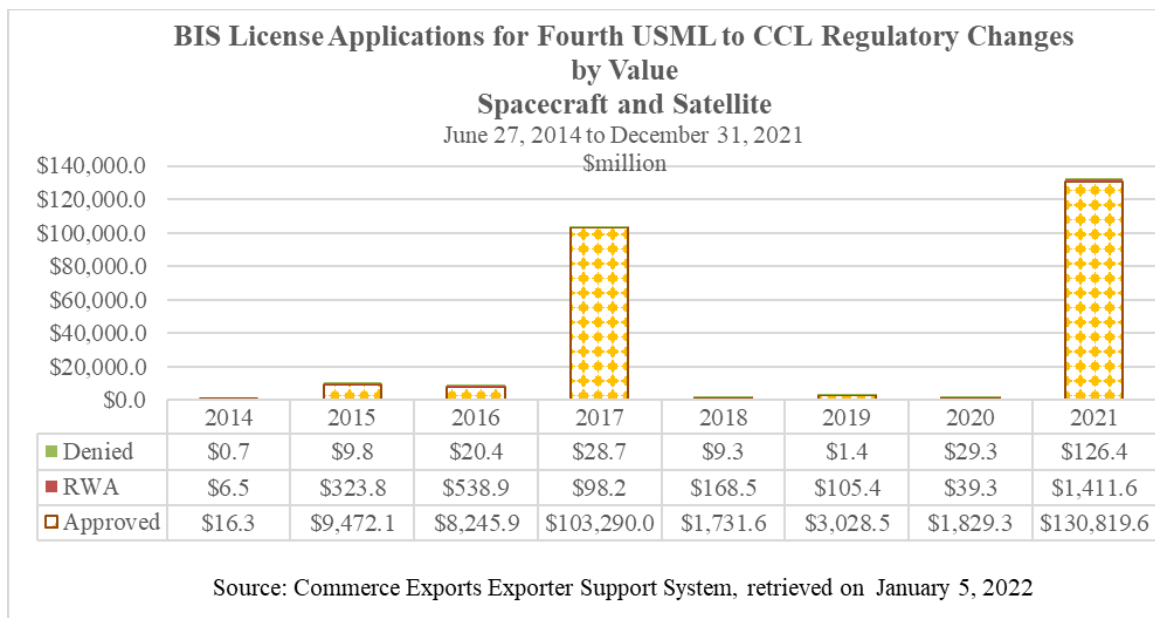
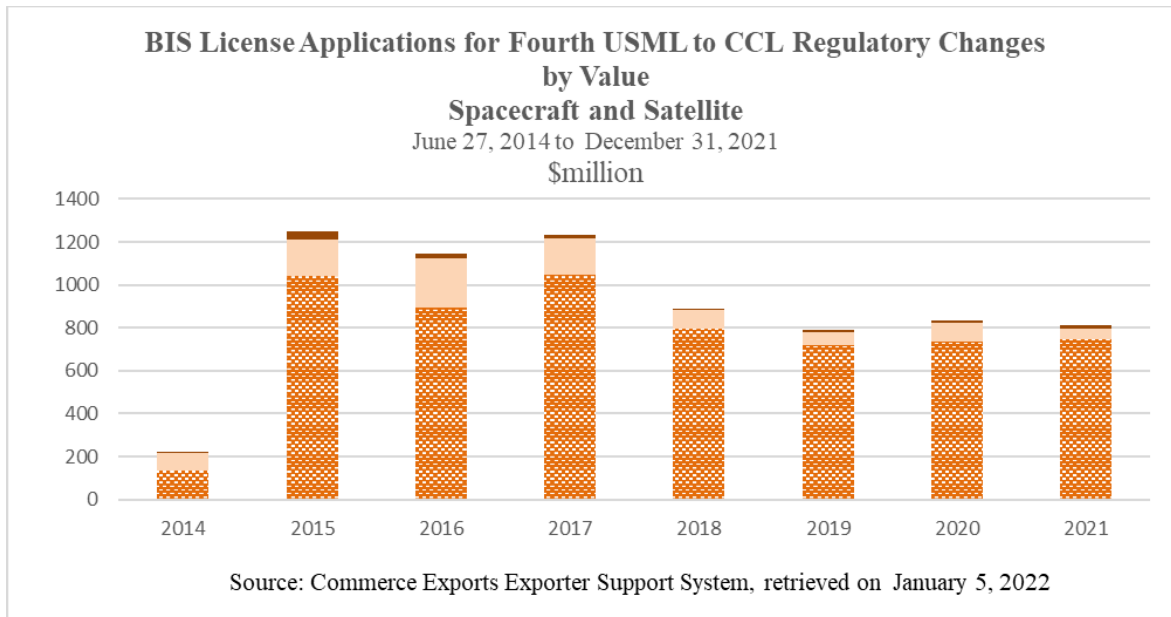


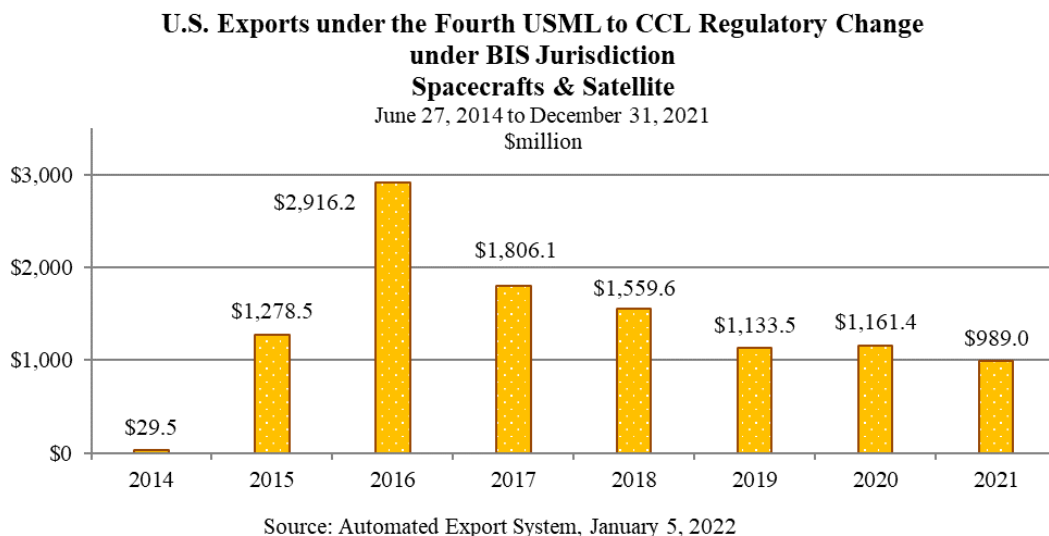
The Fourth Rule of USML to CCL Regulatory Change Satellites and Spacecraft

June 27, 2014 to December 31, 2021

Since the fourth rule of the USML to the CCL regulatory change became effective on June 27, 2014 to December 31, 2021, BIS has processed a total of 7,159 license applications for a total value of \$132.4 billion for the four 9x515 items created by this rule. The average number of BIS license applications is 80 per month. BIS has approved 6,113 licenses for a value of \$130.8 billion. The approval rate is 85.4%.

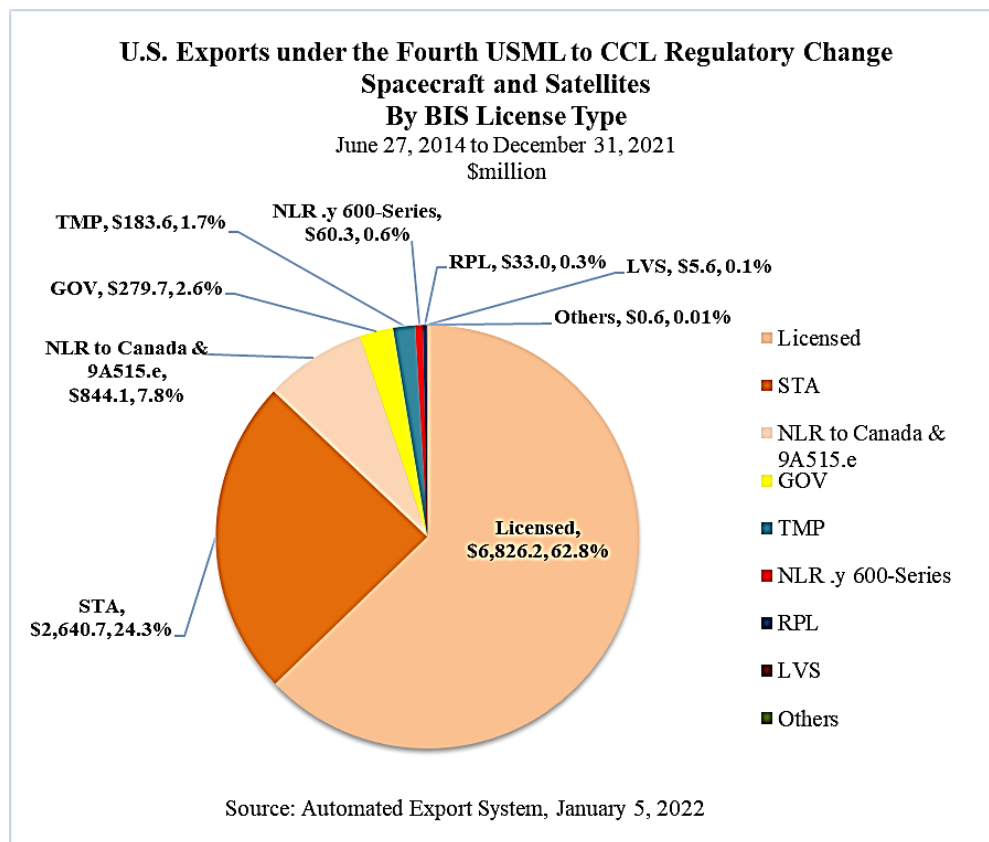


From June 27, 2014, to December 31, 2021, U.S. exports of items under the fourth rule of the USML to the CCL regulatory change – Spacecraft and Satellites items (9x515) under BIS jurisdiction totaled 25,069 shipments for \$10.9 billion.



The Fourth USML to CCL Regulatory Change Satellite and Spacecrafts Top 15 Destinations of U.S. Exports under BIS Jurisdiction by Value June 27, 2014 to December 31, 2021				
Country	Shipment Count	% of Total Shipment Count	Value \$million	% of Total Value
French Guiana	100	0.4%	\$2,568.0	23.6%
France	2,702	10.8%	\$1,943.8	17.9%
Japan	3,316	13.2%	\$948.5	8.7%
Kazakhstan	13	0.05%	\$718.7	6.6%
United Kingdom	2,319	9.3%	\$419.3	3.9%
Brazil	29	0.1%	\$339.3	3.1%
India	966	3.9%	\$305.0	2.8%
Mexico	226	0.9%	\$294.6	2.7%
Russia	211	0.8%	\$286.9	2.6%
Germany	3,932	15.7%	\$277.8	2.6%
Australia	245	1.0%	\$265.1	2.4%
Spain	1,897	7.6%	\$257.8	2.4%
Italy	1,524	6.08%	\$233.1	2.1%
Saudi Arabia	4	0.0%	\$230.3	2.1%
Hong Kong	49	0.2%	\$166.4	1.5%
Top 15 Total	17,533		\$9,254.7	
Top 15 Total/Grand Total		69.9%		85.1%
Grand Total	25,069		\$10,873.9	
Note: The Guiana Space Center, run by France and European Union, is located in French Guiana.				
Source: Automated Export System, January 5, 2022				

Of \$10.9 billion in U.S. exports of 9x515 items under the fourth rule of the USML to the CCL regulatory change under BIS jurisdiction from June 27, 2014, to December 31, 2021, licensed exports totaled \$6.8 billion (62.8% of the total); Strategic Trade Authorization (STA) totaled \$2.6 billion (24.3%); and No License Required (NLR) to Canada and 9A515.e items to all other destinations totaled \$844.1 million (7.8%).



BIS License Exceptions

STA: Strategic Trade Authorization

NLR: No License Required

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

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

RPL: Servicing and replacement of parts and equipment

LVS: Shipments of limited value