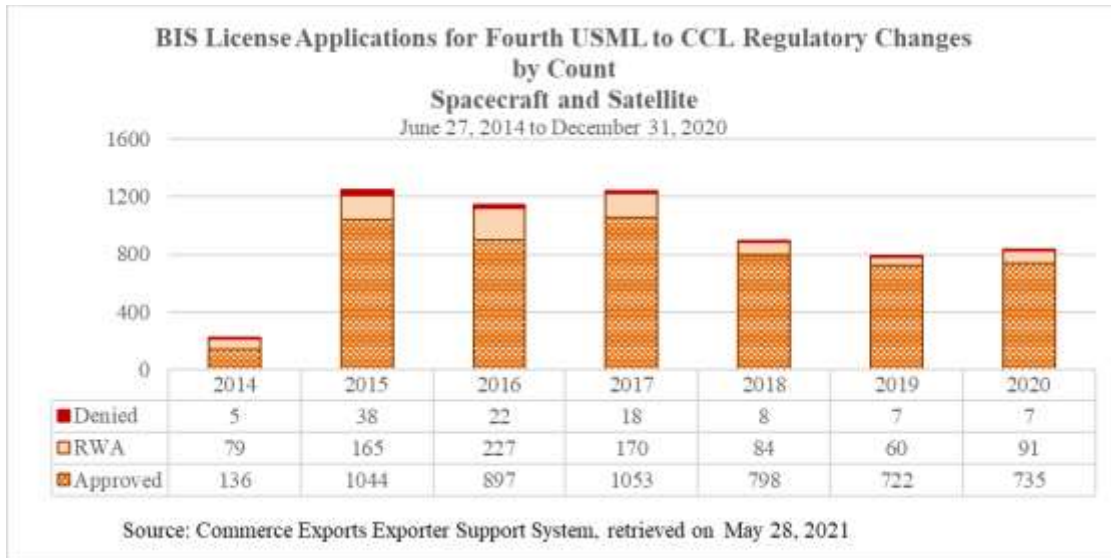


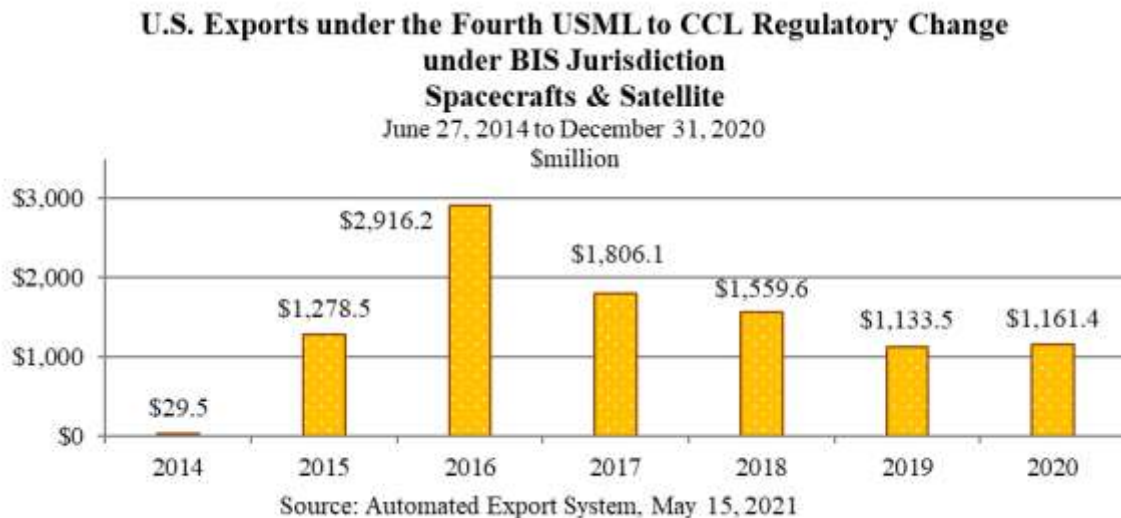
**The Fourth Rule of USML to CCL Regulatory Change
 Satellites and Spacecraft**

June 27, 2014 to December 31, 2020

Since the fourth rule of the USML to the CCL regulatory change became effective on June 27, 2014 to December 31, 2020, BIS has processed a total of 6,350 license applications for a value of \$129.0 billion for the four 9x515 items created by this rule. The average number of BIS license applications is 81 per month. BIS has approved 5,369 licenses for a value of \$127.6 billion. The approval rate is 84.6%.

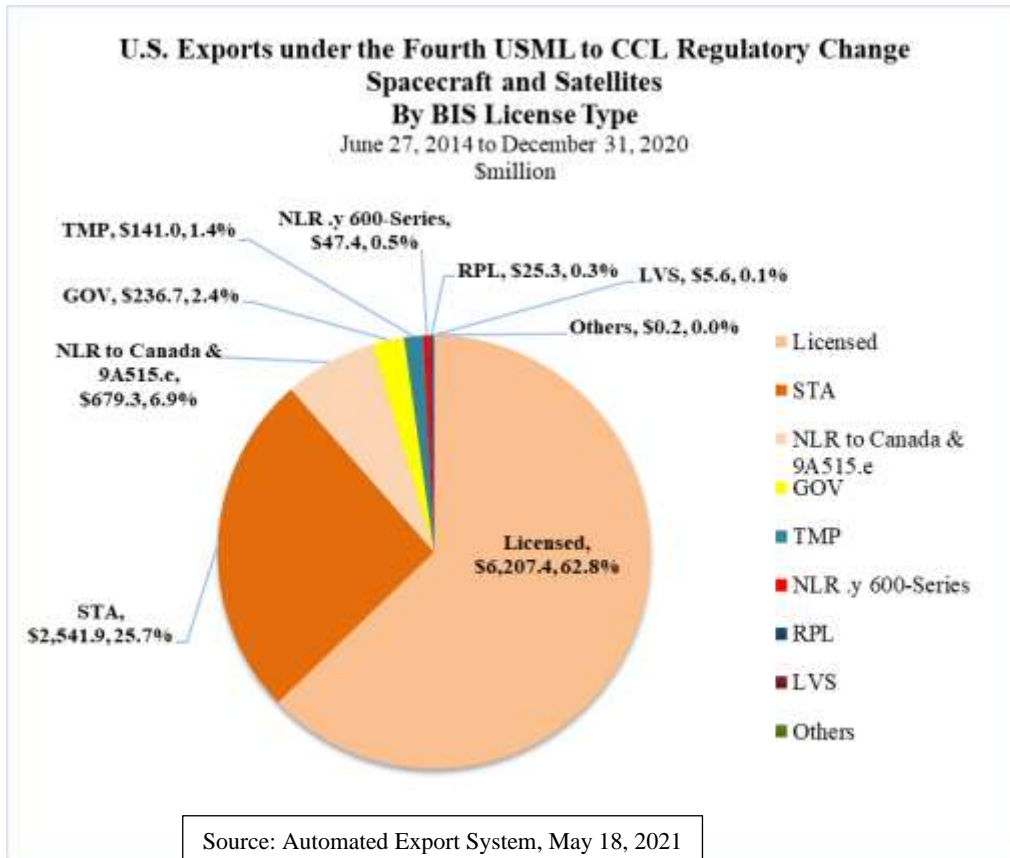


From June 27, 2014 to December 31, 2020, U.S. exports of items in the Fourth USML to CCL regulatory change – Spacecraft and Satellites items (9x515) under BIS jurisdiction totaled 21,291 shipments for \$9.9 billion.



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, 2020				
Country	Shipment Count	% of Total Shipment Count	Value \$million	% of Total Value
French Guiana	134	0.6%	\$2,390.8	24.2%
France	4,332	20.3%	\$1,882.1	19.0%
Japan	4,786	22.5%	\$873.6	8.8%
Kazakhstan	16	0.1%	\$585.0	5.9%
United Kingdom	3,376	15.9%	\$382.4	3.9%
Brazil	44	0.2%	\$339.3	3.4%
Mexico	198	0.9%	\$293.9	3.0%
Australia	346	1.6%	\$259.5	2.6%
India	8	0.0%	\$259.4	2.6%
Spain	2,768	13.0%	\$233.9	2.4%
Germany	1,424	6.7%	\$230.5	2.3%
Saudi Arabia	5,944	27.9%	\$230.3	2.3%
Italy	2,116	9.9%	\$213.2	2.2%
Hong Kong	74	0.3%	\$166.3	1.7%
United Arab Emirates	2	0.01%	\$162.7	1.6%
Top 15 Total	25,568		\$8,502.9	
Top 15 Total/Grand Total		120.1%		86.0%
Grand Total	21,291		\$9,884.9	
Note: The Guiana Space Center, run by France and European Union, is located in French Guiana.				
Source: Automated Export System, May 21, 2021				

Of \$9.9 billion in U.S. exports of 9x515 items under the fourth USML to CCL regulatory change under BIS jurisdiction from June 27, 2014 to December 31, 2020, licensed exports totaled \$6.2 billion (62.8% of the total); Strategic Trade Authorization (STA) totaled \$2.5 billion (25.7%); and No License Required (NLR) to Canada and 9A515.e items to all other destinations totaled \$679.3 million (6.9%).



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