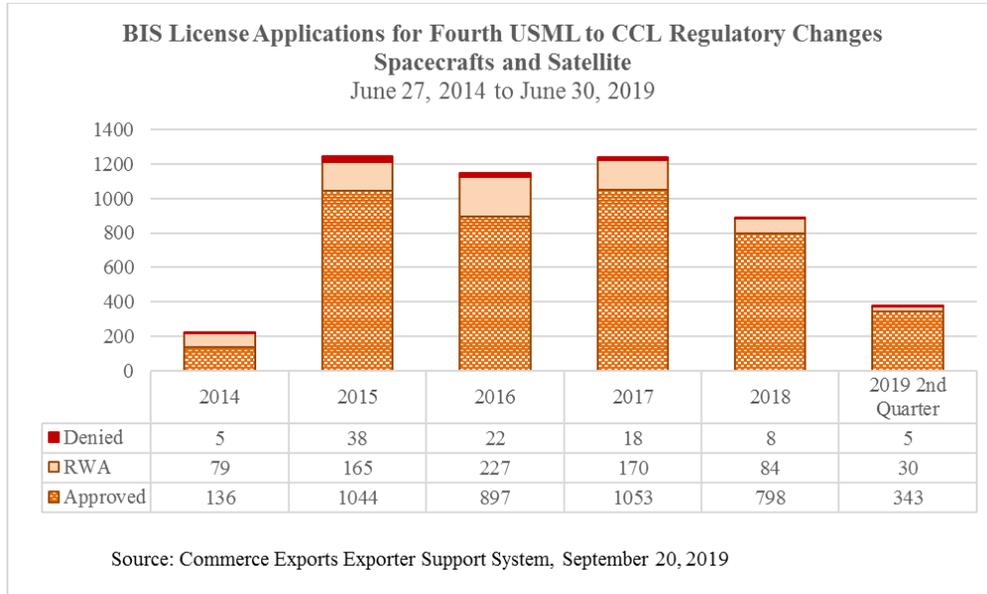


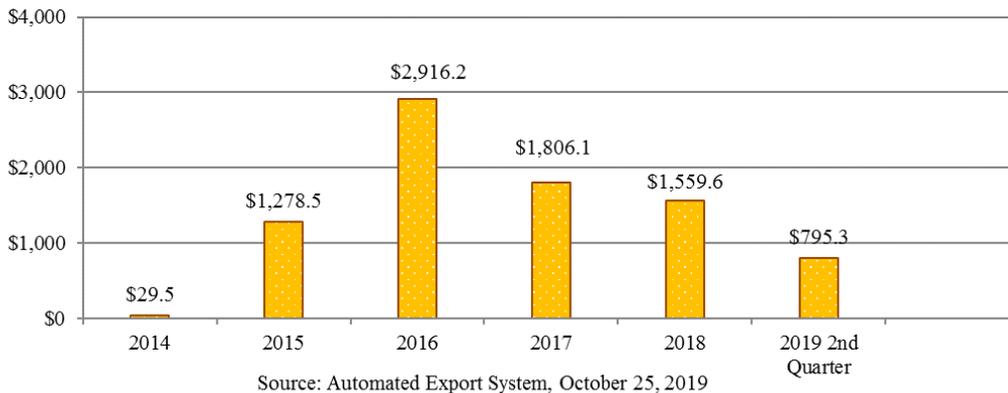
**The Fourth USML to CCL Regulatory Change
 Satellites and Spacecraft**
 June 27, 2014 to June 30, 2019

Since the fourth USML to CCL regulatory change became effective on June 27, 2014, BIS has processed a total of 5,117 license applications for a value of \$125.4 billion for the four 9x515 items created by this rule through June 30, 2019. The average number of BIS license applications is 95 per month. BIS has approved a 4,266 licenses for a value of \$124.1 billion. The approval rate is 83.4%.



From June 27, 2014 to June 30, 2019, U.S. exports of items under the fourth USML to CCL regulatory change – Spacecraft and Satellites items (9x515) under BIS jurisdiction totaled 16,102 shipments for \$8.4 billion.

**U.S. Exports under the Fourth USML to CCL Regulatory Change
 under BIS Jurisdiction**
 June 27, 2014 to June 30, 2019
 \$million



**U.S. Quarterly Exports under the Fourth USML to CCL Regulatory Change
under BIS Jurisdiction**

June 27, 2014 to June 30, 2019

\$million



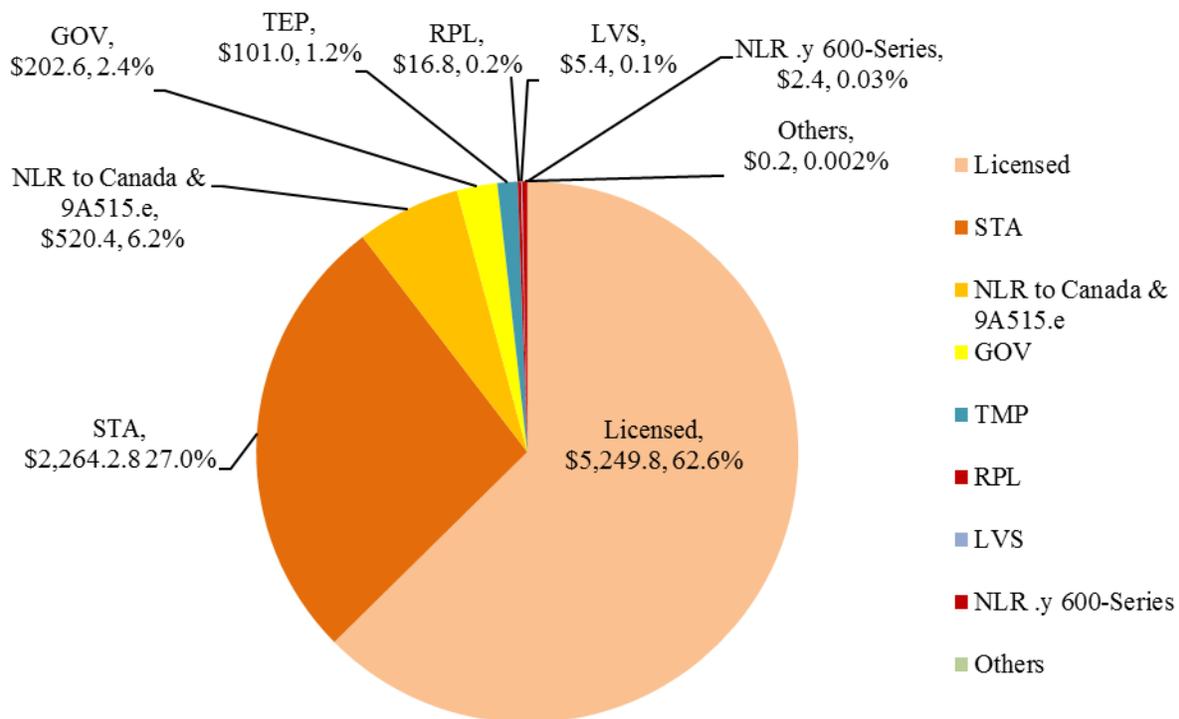
Source: Automated Export System, October 25, 2019

**The Fourth USML to CCL Regulatory Change-Satellite
Top 15 Destinations of U.S. Exports under BIS Jurisdiction by Value
June 27, 2014 to June 30, 2019**

Country	Shipment Count	% of Total Shipment Count	Value \$million	% of Total Value
French Guiana	64	0.4%	\$1,919.6	22.9%
France	1,976	12.3%	\$1,710.3	20.4%
Japan	2,100	13.0%	\$769.5	9.2%
Kazakhstan	6	0.0%	\$442.2	5.3%
Brazil	19	0.1%	\$335.2	4.0%
United Kingdom	1,517	9.4%	\$334.6	4.0%
Mexico	83	0.5%	\$293.5	3.5%
Australia	149	0.9%	\$250.1	3.0%
Saudi Arabia	12	0.1%	\$231.6	2.8%
Spain	1,285	8.0%	\$218.9	2.6%
Germany	2,693	16.7%	\$166.7	2.0%
Hong Kong	35	0.2%	\$166.0	2.0%
Italy	921	5.7%	\$165.4	2.0%
India	597	3.7%	\$147.2	1.8%
Panama	1	0.01%	\$131.6	1.6%
Top 15 Total	11,458		\$7,282.4	
Top 15 Total/Grand Total		71.2%		86.8%
Grand Total	16,102		\$8,385.2	
Note: The Guiana Space Center, run by France and European Union, is located in French Guiana.				
Source: Automated Export System, October 25, 2019				

Of the \$8.4 billion in U.S. exports of 9x515 items in the fourth USML to CCL regulatory change under BIS jurisdiction from June 27, 2014 to June 30, 2019, licensed exports totaled \$5.2 billion (62.6% of the total); Strategic Trade Authorization (STA) totaled \$2.3 billion (27.0%); and No License Required (NLR) to Canada and 9A515.e items to all other destinations totaled \$520.4 million (6.2%).

**U.S. Exports under the Fourth USML to CCL Regulatory Change
 Spacecraft and Satellites
 by BIS License Type
 June 27, 2014 to June 30, 2019
 \$million**



Source: Automated Export System, October 25, 2019

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