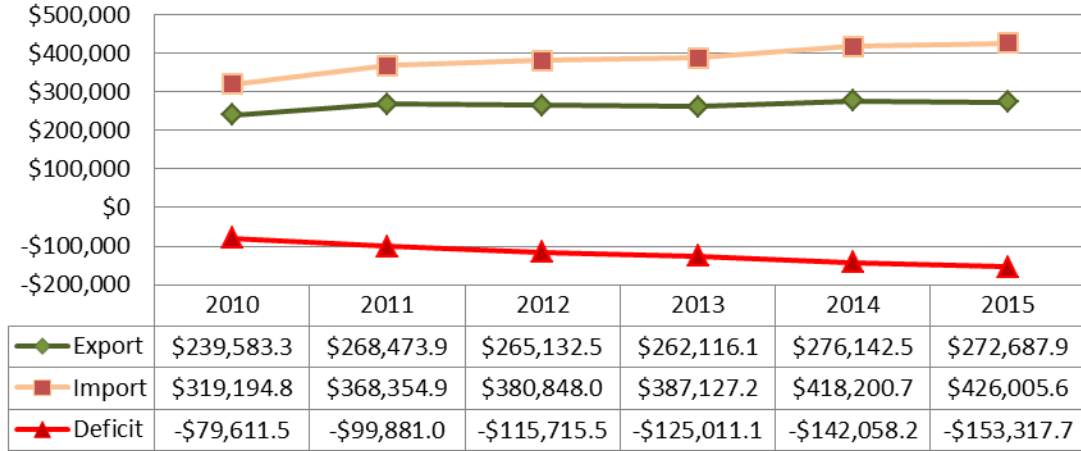


Statistical Analysis of U.S. Trade with the European Union (EU) for Calendar Year 2015

I. The U.S Trade with the EU¹

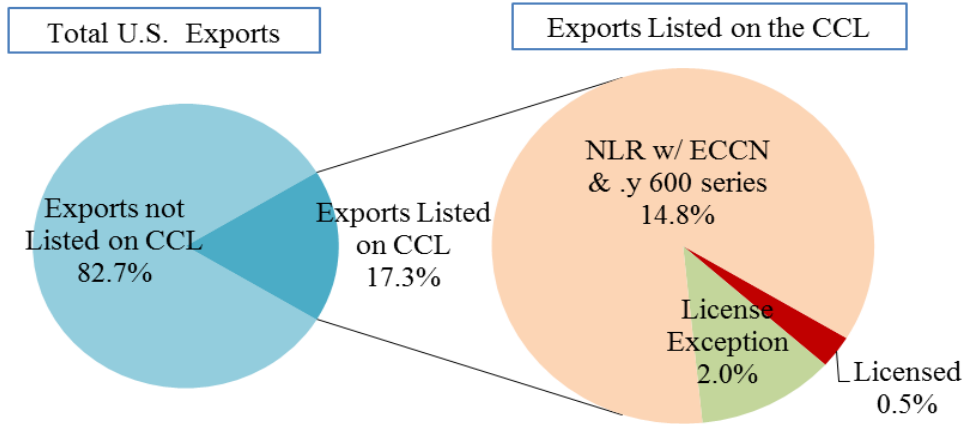
U.S. Trade with the EU 2010-2015
Smillions



In 2015, the U.S. exports to the EU valued \$272.7 billion, a 1.3% (\$3.4 billion) decrease from 2014; the U.S. imports from the EU were \$426.0 billion, a 1.9% (\$7.8 billion) increase; and the trade deficit was \$153.3 billion, a 7.9% (\$11.3 billion) increase.

II. Impact of BIS Export Controls on U.S.- The EU Trade²

2015 U.S. Exports to the EU Listed on the CCL



Note: For the purpose of this report, exports not listed on the Commerce Control List (CCL) include EAR99 items and items under No License Required (NLR) designation without an Export Control Classification Number (ECCN), and exports regulated by other government agencies.

¹ Source: U.S. Census Bureau Trade Statistics, retrieved in March 2016.

² Source: U.S. Census Bureau Trade Statistics and Automated Export System (AES), retrieved in March 2016.

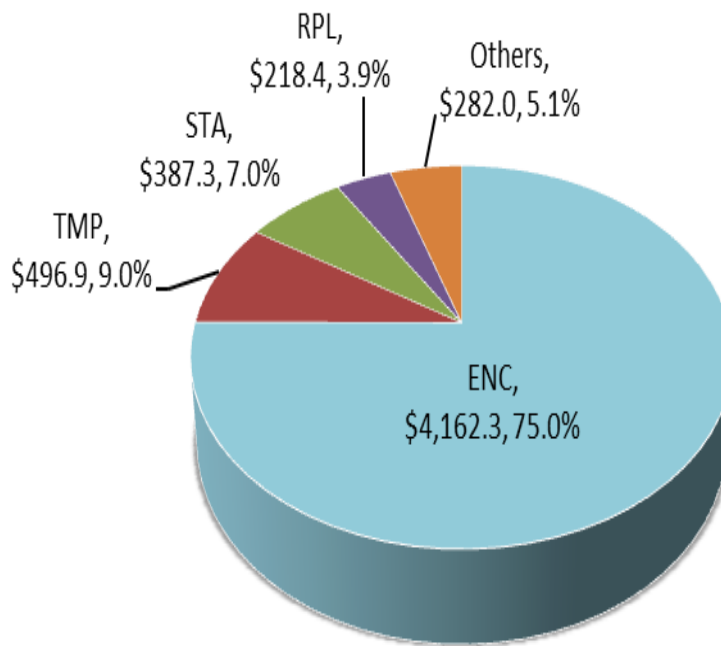
Of the \$272.7 billion in U.S. exports to the EU in 2015, only 0.5% required a *BIS license*.

Of the \$47.3 billion in U.S. exports of items *listed on the Commerce Control List (CCL)*³ to the EU in 2015, 3.0% required a license.

Of the \$7.0 billion in U.S. exports *subject to a BIS license requirement* to the EU in 2015, 79.8% were exported under a license exception.

In 2015, the U.S. exports to the EU shipped under a BIS license exception valued \$5.5 billion, of which, 75.0% included Encryption commodities, Software and Technology (ENC), followed by temporary imports, exports, and re-exports (TMP) at 9.0%.

2015 Exports to the EU by BIS License Exceptions (\$millions)



ENC	Encryption Commodities, Software and Technology
TMP	Temporary Imports, Exports, Re-exports, and Transfer (in-country)
RPL	Servicing and Replacement of Parts and Equipment
STA	Strategic Trade Authorization

³ Items listed on the CCL include licensed, license exceptions and NLR with an ECCN & .y 600-series.

III. 2015 Trends in Exports by ECCN and License Designation ⁴

Top Four Exports by ECCNs to the EU by Value – Licensed (\$millions)

ECCN	Description	Value
	Military aircraft and related commodities	
9A610		\$411.1
9A001	Aero Gas Turbine Engines	\$222.4
	Crude Petroleum including reconstituted crude petroleum, tar sands & crude shale oil	
1C981		\$196.0
	Military gas turbine engines and related commodities	
9A619		\$154.9

Top Four Exports by ECCNs to the EU by Shipment Count – Licensed

ECCN	Description	Shipment Count
9A610	Military aircraft and related commodities	15,737
9A619	Military gas turbine engines and related commodities	2,470
0A606	Ground vehicles	1,561
7A103	Instrumentation, Navigation Equipment and Systems	1,071

Top Four Exports by ECCNs to the EU – License Exception (\$millions)

ECCN	Description	Value
5A002	Information Security Systems Equipment	\$4,018.6
9A610	Military aircraft and related commodities	\$190.6
9A619	Military gas turbine engines and related commodities	\$171.3
9A001	Aero Gas Turbine Engines	\$142.1

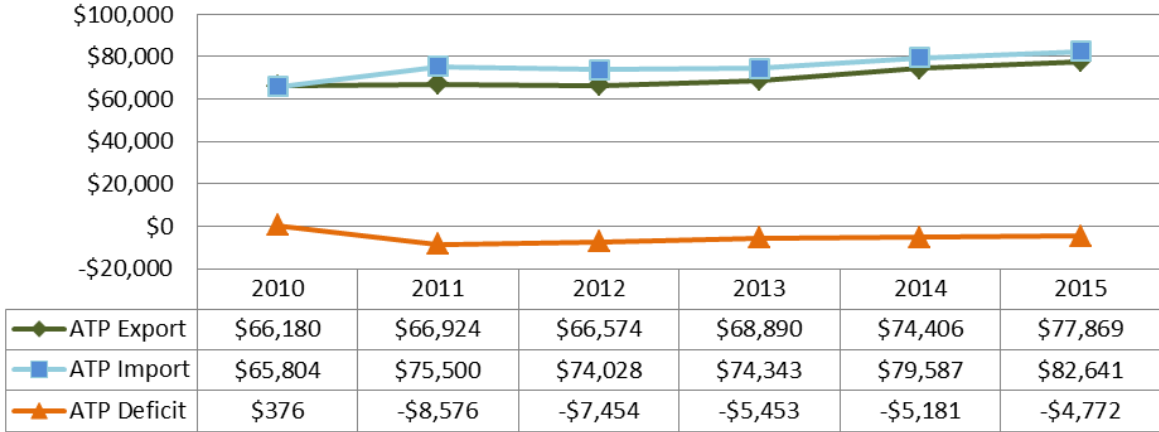
Top Four Exports by ECCNs to the EU – NLR (\$millions)

ECCN	Description	Value
9A991	Aircraft and gas turbine engines	\$29,930.2
5A991	Telecommunication Equipment	\$1,525.9
5A992	Low-Level Information Security Systems and Equipment	\$1,367.8
7A994	Navigation Direction Finding Equipment	\$1,116.0

⁴ Source: AES, retrieved in March 2016.

IV. Analysis of U.S.-the EU Trade in Advanced Technology Products (ATP)⁵

U.S. ATP Trade with the EU 2010-2015
Smillions



In 2015, the U.S. ATP exports to the EU valued \$77.9 billion, a 4.7% (\$3.5 billion) increase from 2014; the U.S. ATP imports from the EU were \$82.6 billion, a 3.8% (\$3.0 billion) increase; and the trade deficit was \$4.7 billion, a 7.9% (\$409.0 million) decrease.

ATP Exports to the EU (\$millions)								
ATP Category	2010	2011	2012	2013	2014	2015	% of the Total	% change from 2014
Biotechnology	7,819	5,563	5,075	5,337	8,278	10,691	13.7%	29.1%
Life Science	11,016	11,162	11,842	12,420	11,379	10,979	14.1%	-3.5%
Opto-Electronics	1,951	1,607	1,048	1,098	1,080	1,080	1.4%	0.0%
Information & Communications	12,728	13,328	13,427	13,297	14,435	13,652	17.5%	-5.4%
Electronics	2,993	2,870	2,409	2,374	2,697	2,563	3.3%	-5.0%
Flexible Manufacturing	1,989	2,061	1,690	1,792	2,131	1,961	2.5%	-8.0%
Advanced Materials	539	506	455	476	570	674	0.9%	18.2%
Aerospace	26,163	29,016	29,585	31,354	32,974	35,353	45.4%	7.2%
Weapons	569	455	654	427	536	475	0.6%	-11.4%
Nuclear Technology	412	355	360	316	325	442	0.6%	36.0%
Grand Total	66,180	66,924	66,574	68,890	74,406	77,869	100.0%	4.7%

In 2015, the largest categories of U.S. ATP exports to the EU were comprised of Aerospace at \$35.4 billion (45.4% of the total ATP exports); Information and Communications at \$13.7 billion (17.5%); and Life Science at \$11.0 billion (14.1%).

⁵ Source: U.S. Census Bureau Trade Statistics, retrieved in March 2016.

Advanced Technology Products: about 500 of some 22,000 commodity classification codes contain products from a recognized high technology category (e.g., Biotechnology).

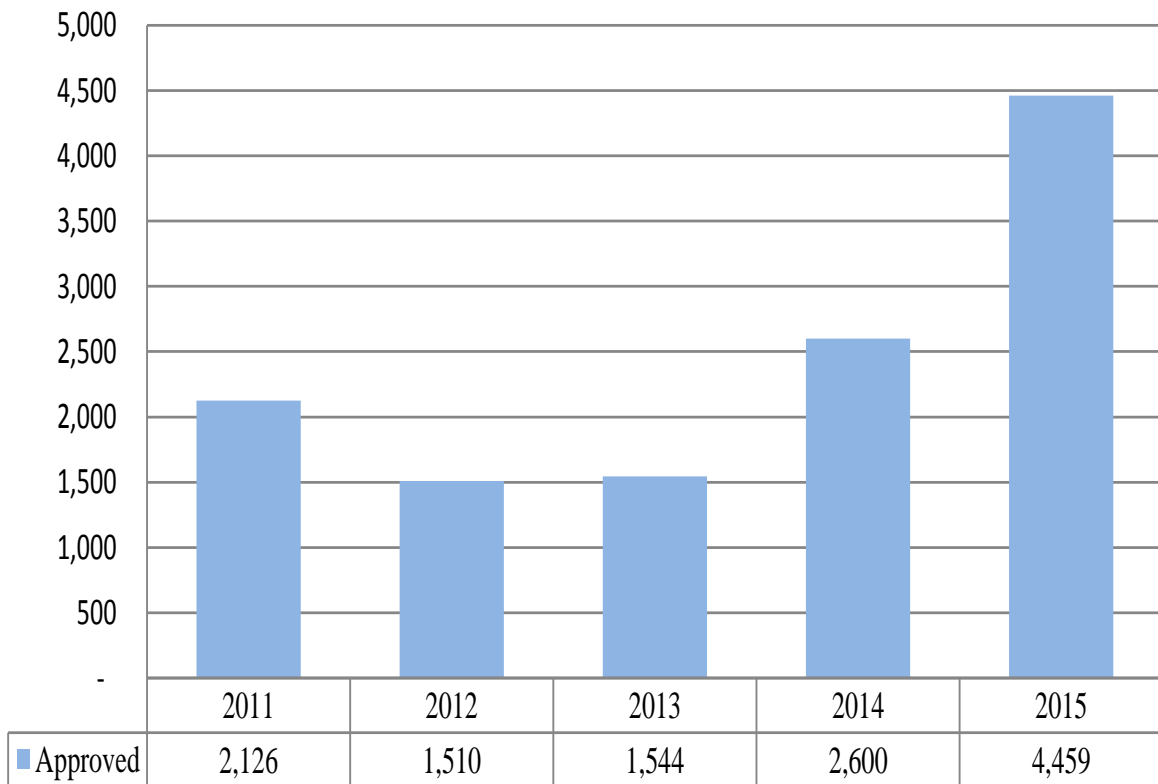
Compared with 2014, there were increases of 36.0% in Nuclear Technology and 29.1% in Biotechnology exports. There were decreases of 11.4% in Weapons⁶ and 8.0% in Flexible Manufacturing exports.

In 2015, 28.6% (\$77.9 billion) of U.S. exports to the EU were considered ATP items. Of these, 1.1% required *a BIS license*.

Of the \$5.5 billion in U.S. ATP exports subject to a BIS license requirement to the EU in 2015, 84.9% were exported under a license exception.

V. 2015 Trends in the EU Licensing⁷

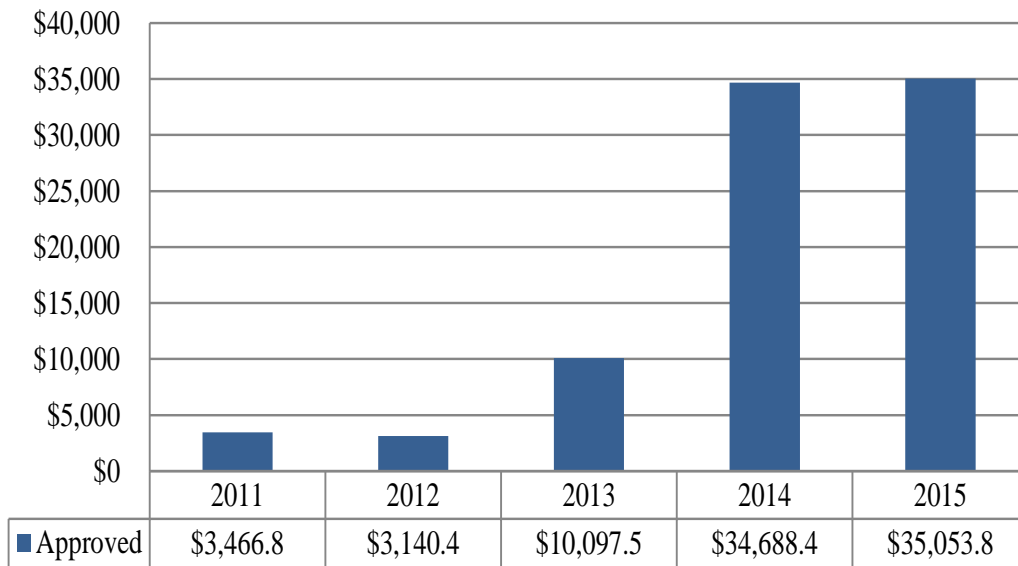
**Licenses for Tangible Items, Software and Technology for the EU
by Count 2011-2015**



⁶ The ATP category for Weapons includes items of “Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories” in addition to “Arms and ammunition, parts and accessories thereof.”

⁷ Source: CUESS, retrieved in March 2016

**Licenses for Tangible Items, Software and Technology for the EU
by Value 2011-2015
\$millions**



Note: Figures above does not include deemed export applications.

In 2015, BIS reviewed 5,216 export/re-export applications (not including deemed export applications) valued at \$39.6 billion for the EU in 2015, out of a total of 35,018 applications worldwide valued at \$561.3 billion.

- Approved applications for the EU totaled 4,459 (85.5%) for \$35.1 billion, compared to the 29,283 (83.6%) approved applications valued at \$505.1 billion for all destinations.

Additionally, BIS approved 72 deemed export applications for the EU, compared to 1,211 worldwide.