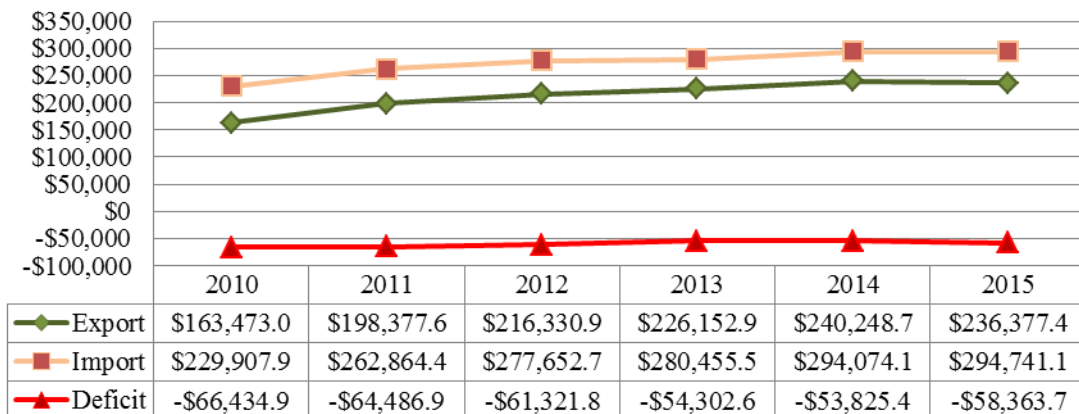


# Statistical Analysis of U.S. Trade with Mexico for Calendar Year 2015

## I. U.S Trade with Mexico<sup>1</sup>

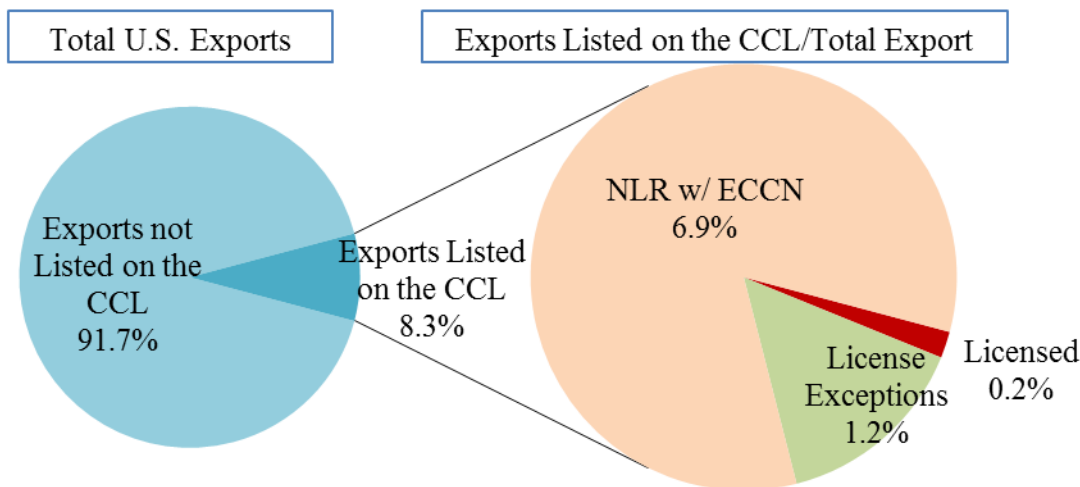
**U.S. Trade with Mexico 2010-2015**  
\$millions



In 2015, U.S. exports to Mexico were \$236.4 billion, a 1.6% (\$3.9 billion) decrease from 2014; U.S. imports from Mexico were \$294.7 billion, a 0.2% (\$0.7 billion) increase; and the trade deficit was \$58.4 billion, a 8.4% (\$4.5 billion) increase.

## II. Impact of BIS Export Controls on U.S. – Mexico Trade<sup>2</sup>

**2015 U.S. Exports to Mexico**



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.

<sup>1</sup> Source: U.S. Census Bureau Trade Statistics, March 2016

<sup>2</sup> Source: U.S. Census Bureau Trade Statistics and Automated Export System (AES), March 2016

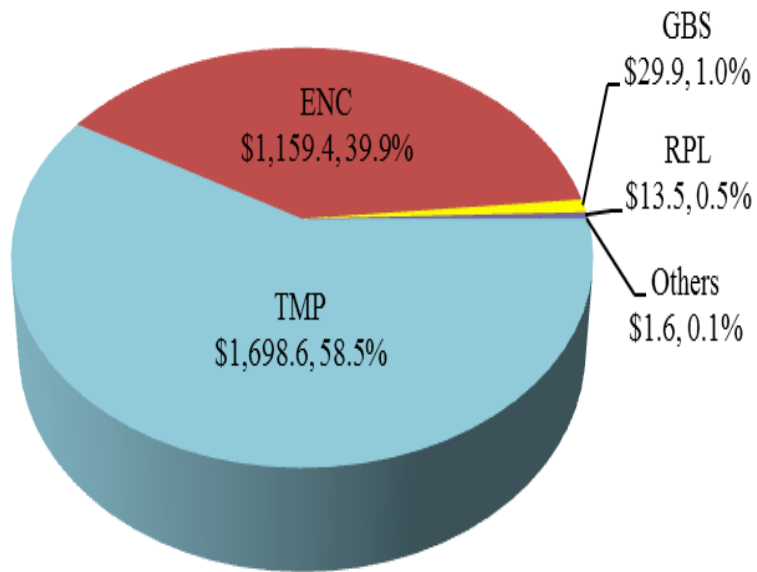
Of the \$236.4 billion in U.S. exports to Mexico in 2015, only 0.2% required *a BIS license*.

Of the \$19.5 billion in U.S. exports *of items listed on the Commerce Control List (CCL)*<sup>3</sup> to Mexico in 2015, 2.0% required a BIS license in 2015.

Of the \$3.3 billion in U.S. exports *subject to a BIS license requirement* to Mexico in 2015, 88.1% were exported under a BIS license exception.

In 2015, the U.S. exports to Mexico shipped under a BIS license exception were valued \$2.9 billion, of which, 58.5% included Temporary Imports, Exports and Re-exports (TMP), followed by Encryption Commodities and Software (ENC) at 39.9%.

**2015 U.S. Exports to Mexico by BIS License Exception**  
**Smillions**



TMP	Temporary Imports, Exports, Re-exports, and Transfer (in-country)
ENC	Encryption Commodities, Software and Technology
GBS	Exports to Group B Countries
RPL	Servicing and Replacement of Parts and Equipment

<sup>3</sup> Items listed on the CCL include licensed, license exceptions and NLR with an ECCN and .y 600-Series.

III. 2015 Trends in Exports by ECCN and License Designation<sup>4</sup>

*Top Four Exports by ECCNs to Mexico by Value – Licensed (\$millions)*

ECCN	Description	Value
9A515	Spacecraft and related commodities	\$292.3
9A610	Military aircraft and related commodities	\$19.8
1A613	Armored and protective "equipment" and related commodities	\$14.3
9A619	Military gas turbine engines and related commodities	\$12.6

*Top Four Exports by ECCNs to Mexico by Shipment Count – Licensed*

ECCN	Description	Shipment Count
9A610	Military aircraft and related commodities	1,290
3B001	Equipment for the manufacturing of semiconductor devices or materials	597
9A619	Military gas turbine engines and related commodities	350
1C350	Chemicals that may be used as precursors for toxic chemical agents	204

*Top Four Exports by ECCNs to Mexico by Value– License Exception (\$millions)*

ECCN	Description	Value
5A002	Information Security Systems Equipment	\$1,143.8
0A614	Military training "equipment"	\$28.9
9A610	Military aircraft and related commodities	\$25.1
9B001	Equipment, tooling and fixtures, specially designed for manufacturing gas turbine blades, vanes or "tip shroud" castings	\$18.0

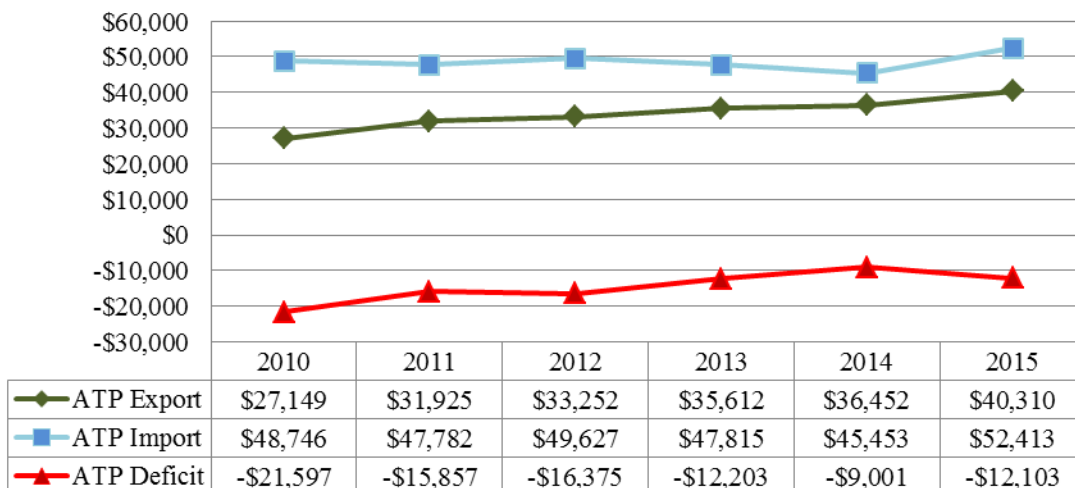
*Top Four Exports by ECCNs to Mexico by Value – NLR (\$millions)*

ECCN	Description	Value
4A994	Computers, "electronic assemblies" and related equipment	\$9,266.5
9A991	Aircraft and gas turbine engines and "parts" and "components"	\$2,171.0
5A992	Equipment not controlled by 5A002	\$2,142.7
5A991	Telecommunication equipment not controlled by 5A001	\$1,350.2

<sup>4</sup> Source: AES, March 2016

#### IV. Analysis of U.S.-Mexico Trade in Advanced Technology Products (ATP)<sup>5</sup>

**U.S. ATP Trade with Mexico 2010 - 2015**  
Smillions



In 2015, U.S. ATP exports to Mexico valued \$40.3 billion, a 10.6% (\$3.9 billion) increase from 2014; U.S. ATP imports from Mexico were \$52.4 billion, a 15.3% (\$7.0 billion) increase; and the trade deficit was \$12.1 billion, a 34.5% (\$3.1 billion) increase.

**The U.S. ATP Exports to Mexico 2010-2015**  
Smillions

ATP Category	2010	2011	2012	2013	2014	2015	% of Total	% change from 2014
Biotechnology	403	319	362	470	497	464	1.2%	-6.6%
Life Science	799	896	1,080	1,092	1,193	1,315	3.3%	10.2%
Opto-Electronics	547	651	574	561	624	532	1.3%	-14.7%
Information & Communications	15,730	21,133	21,514	21,858	22,608	25,347	62.9%	12.1%
Electronics	7,202	6,203	5,814	6,827	6,884	7,255	18.0%	5.4%
Flexible Manufacturing	477	633	854	1,007	911	1,011	2.5%	11.0%
Advanced Materials	278	187	203	223	285	276	0.7%	-3.2%
Aerospace	1,588	1,820	2,761	3,487	3,359	3,948	9.8%	17.5%
Weapons	9	12	12	10	10	12	0.03%	20.0%
Nuclear Technology	115	71	78	77	80	152	0.4%	90.0%
<b>Grand Total</b>	<b>27,149</b>	<b>31,914</b>	<b>33,347</b>	<b>35,612</b>	<b>36,452</b>	<b>40,310</b>	<b>100.0%</b>	<b>10.6%</b>

In 2015, the largest categories of U.S. ATP exports to Mexico were comprised of Information & Communications at \$25.3 billion (62.9% of the total ATP exports) and Electronics at \$7.3 billion (18.0%).

Compared with 2014, there was an increase in Nuclear Technology exports by 90.0% and an increase in Weapons<sup>6</sup> exports by 20.0%.

<sup>5</sup> Source: U.S. Census Bureau Trade Statistics, February 2016

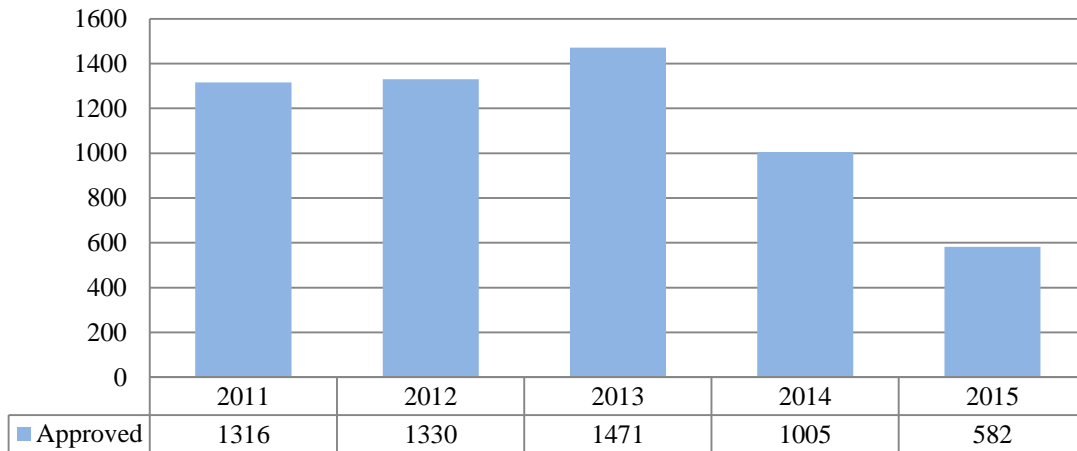
Advanced Technology Products: about 500 of some 22,000 commodity classification codes contain products from a recognized high technology category (e.g., biotechnology).

In 2015, 17.1% (\$40.3 billion) of U.S. exports to Mexico were considered ATP items. Of these, 0.8% required a *BIS license*.

Of the \$1.5 billion in U.S. *ATP exports subject to a BIS license requirement* to Mexico in 2015, 77.6% were exported under a license exception.

V. 2015 Trends in Mexico Licensing<sup>7</sup>

**Licenses for Tangible Items, Software and Technology for Mexico  
by Value 2011-2015**



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



Note: Figures above do not include deemed export applications.

<sup>6</sup> 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.”

<sup>7</sup> Source: CUESS, February 2016

In 2015, BIS reviewed 724 export/re-export applications (not including deemed export applications) valued at \$7.3 billion for Mexico, out of a total of 35,018 applications worldwide valued at \$561.3 billion.

- Approved applications for Mexico totaled 582 (80.4% of the total applications) for \$6.9 billion, compared to the 29,283 (83.6%) approved applications valued at \$505.1 billion for all destinations.

Additionally, BIS approved 15 deemed export applications for Mexico, compared to 1,211 approved worldwide.