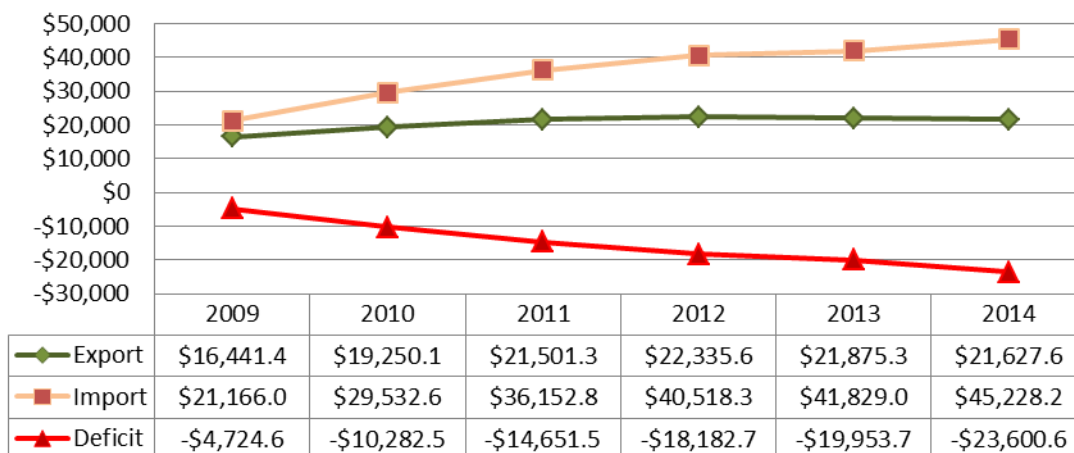


# Statistical Analysis of U.S. Trade with India for Calendar Year 2014

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

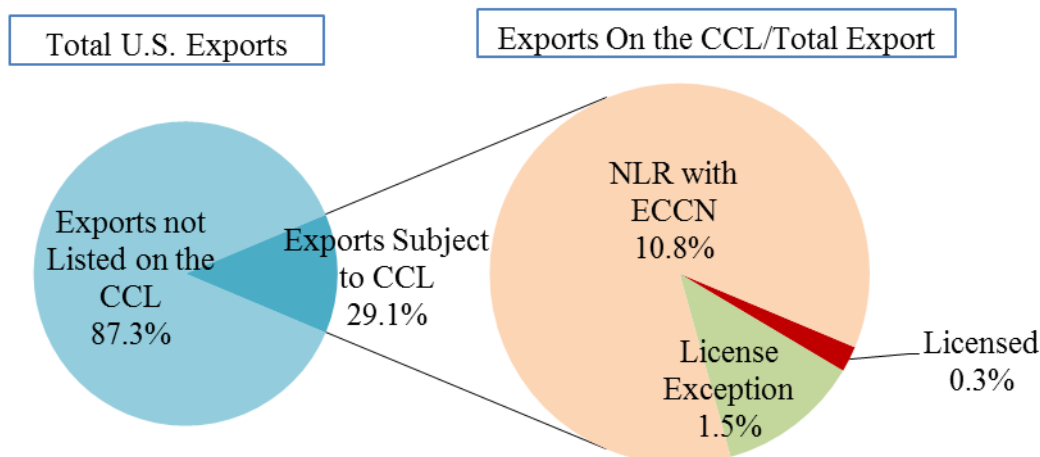
**U.S. Trade with India 2009-2014**  
\$ millions



U.S. exports to India decreased 1.1% from \$21.9 billion in 2013 to \$21.6 billion in 2014; imports increased 8.1% from \$41.8 billion to \$45.2 billion and the trade deficit increased 18.3% from \$20.0 billion to \$23.6 billion.

## II. Impact of Export Controls on U.S.-India Trade<sup>2</sup>

**2014 U.S. Exports to India Subject to 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.

<sup>1</sup> Source: U.S. Census Bureau Trade Statistics, February 2015.

<sup>2</sup> Source: U.S. Census Bureau Trade Statistics and Automated Export System (AES), February 2015. Details may not equal totals due to rounding.

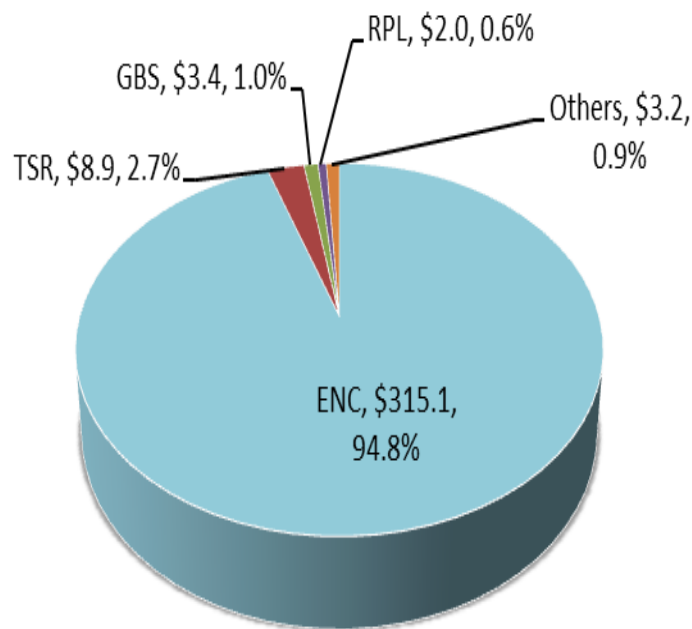
Of the \$21.6 billion in U.S. exports to India in 2014, only 0.3% required a BIS license.

Of the \$2.7 billion in U.S. exports of items listed on the Commerce Control List (CCL) to India in 2014, 2.2% required a BIS license.<sup>3</sup>

Of the \$392.7 million in U.S. exports subject to a BIS license requirement to India in 2014, 84.7% were exported under a BIS license exception.

For the exports of \$332.6 million to India in 2014 under a BIS license exception, 94.8% included encryption commodities, software and technology (ENC), followed by Restricted Technology and Software (TSR) at 2.7% and Shipments to Group B Countries (GBS) at 1.0%.

### 2014 Exports to India by BIS License Exceptions (\$millions)



ENC	Encryption Commodities, Software and Technology
TSR	Technology and Software Restricted
GBS	Exports to Group B Countries
RPL	Servicing and Replacement of Parts and Equipment

<sup>3</sup> The items listed on the CCL exclude those items filed under NLR with EAR99.

### III. 2014 Trends in Exports by ECCN and License Designation <sup>4</sup>

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

ECCN	Description	Value
2B001	Machine Tools and Any Combination Thereof	\$25.7
3A001	Electronic Components and Specially Designed Components	\$5.6
5A002	"Information security" systems, equipment and components	\$4.8
3A233	Mass spectrometers	\$3.9

#### *Top Four Exports by ECCNs to India by Record Count – Licensed*

ECCN	Description	Record Count
2B350	Chemical Manufacturing Facilities and Equipment	73
5A002	Information Security Systems Equipment	69
1C351	Human and zoonotic pathogens and "toxins"	50
3A233	Mass spectrometers	45

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

ECCN	Description	Value
5A002	Information Security Systems Equipment	\$295.0
5B002	Information security test, inspection and production equipment	\$11.7
6D003	Software, other	\$8.9
5D002	Information Security Software	\$8.8

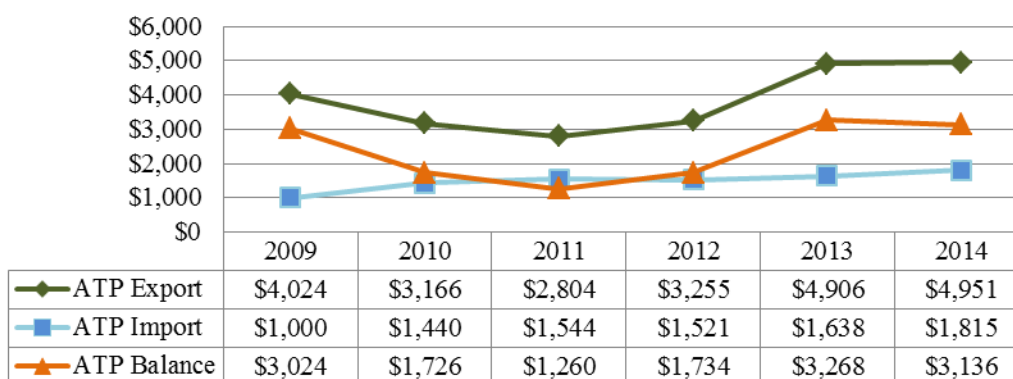
#### *Top Four Exports by ECCNs to India by Value – NLR (\$millions)*

ECCN	Description	Value
9A991	Aircraft and gas turbine engines	\$1,495.5
5A991	Telecommunication Equipment	\$370.0
5A992	Low-Level Information Security Systems and Equipment	\$86.7
4A994	Computers, "electronic assemblies", and related equipment	\$61.1

<sup>4</sup> Source: AES, February 2015.

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

**U.S. ATP Trade with India 2009 - 2014**  
**Smillions**



U.S. ATP exports to India increased 0.9% from \$4.9 billion in 2013 to \$5.0 billion in 2014; U.S. ATP imports increased 10.8% from \$1.6 billion to \$1.8 billion, and the trade surplus decreased 4.0% from \$3.3 billion to \$3.1 billion.

**ATP Exports to India (\$millions)**

ATP Category	2009	2010	2011	2012	2013	2014	% of the % change	
							Total	from 2013
Biotechnology	36	44	47	51	62	74	1.5%	19.4%
Life Science	449	511	567	614	614	609	12.3%	-0.8%
Opto-Electronics	44	61	159	111	38	41	0.8%	7.9%
Information & Communications	954	931	894	768	793	905	18.3%	14.1%
Electronics	170	173	162	169	153	160	3.2%	4.6%
Flexible Manufacturing	122	175	233	216	253	251	5.1%	-0.8%
Advanced Materials	8	5	7	10	24	14	0.3%	-41.7%
Aerospace	2,236	1,261	727	1,307	2,932	2,859	57.7%	-2.5%
Weapons	1	2	3	3	29	32	0.6%	10.3%
Nuclear Technology	5	3	5	6	9	6	0.1%	-33.3%
<b>Grand Total</b>	<b>4,024</b>	<b>3,166</b>	<b>2,804</b>	<b>3,255</b>	<b>4,906</b>	<b>4,951</b>	<b>100.0%</b>	<b>0.9%</b>

The largest categories of U.S. ATP exports to India in 2014 were comprised of Aerospace at \$2.9 billion, 57.7% of the total ATP exports; Information and Communications at \$905 million, 18.3% of the total; and Life Science at \$609 million, 12.3% of the total.

Compared with 2013, there were large increases in Biotechnology exports by 19.4% and in Information & Communications exports by 14.1%. Large decreases occurred in Advanced Materials (41.7%) and Nuclear Technology (33.3%) compared to 2013, although these categories together comprise only 0.4% of ATP exports by value.

<sup>5</sup> Source: U.S. Census Bureau Trade Statistics, February 2015.

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

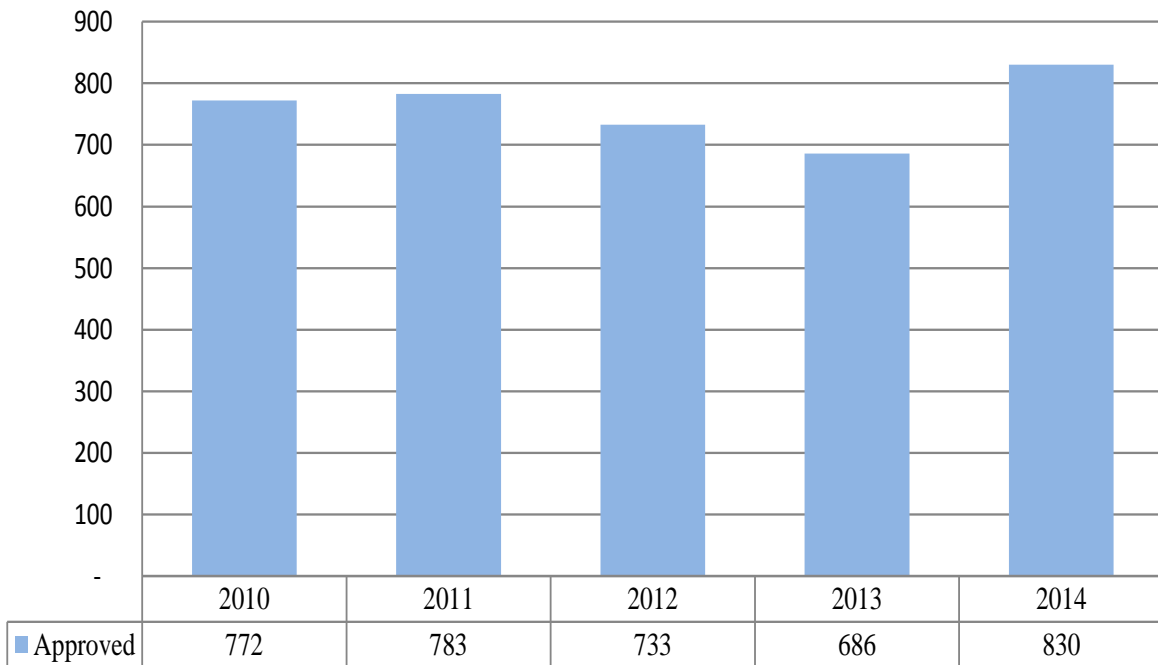
The ATP category for Weapons includes items of “Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories” in addition to “Arms and ammunition, parts and accessories thereof.”

In 2014, 22.9% (\$5.0 billion) of U.S. exports to India were considered ATP items. Of these, 0.4% required a *BIS license*.

Of the \$327.2 million in U.S. *ATP exports subject to a BIS license requirement* to India in 2014, 94.6% were exported under a license exception.

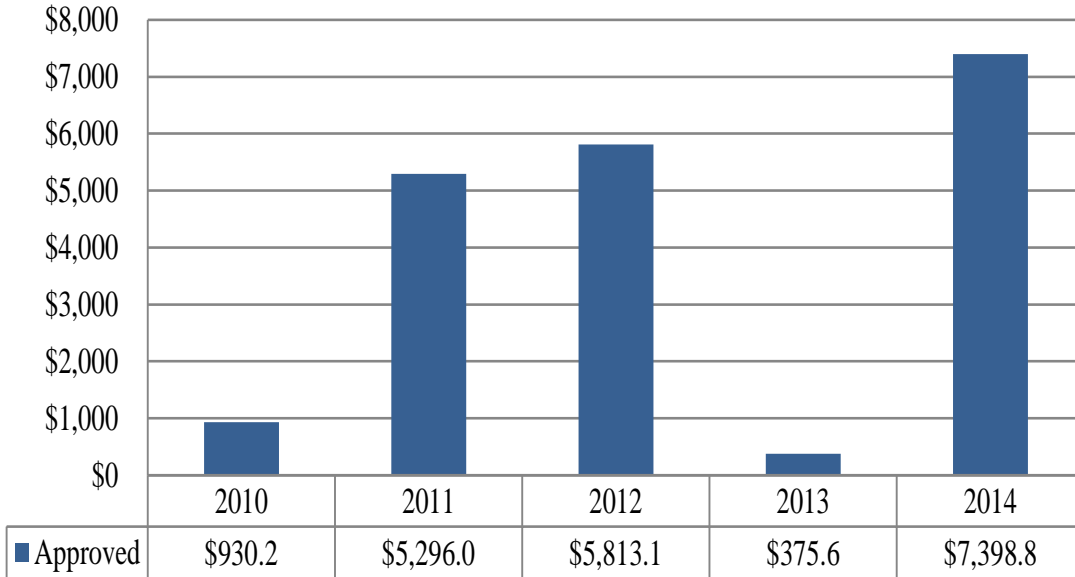
V. 2014 Trends in India Licensing<sup>6</sup>

**Licenses for Tangible Items, Software and Technology for India by Count  
2010-2014**



<sup>6</sup> Source: Commerce U.S. Exporter Support System, February 2015.

**Licenses for Tangible Items, Software and Technology for India by  
Value 2010-2014  
\$millions**



Note: Figures above do not include deemed export applications.

In 2014, BIS reviewed 1,041 export/re-export applications (not including deemed export applications) valued at \$8.0 billion for India, out of a total of 31,458 applications worldwide valued at \$811.4 billion.

- Approved applications for India totaled 830 (79.7% of the total applications) for \$7.4 billion, compared to the 26,906 (85.5%) approved applications valued at \$719.7 billion for all destinations.

Additionally, BIS approved 29 deemed export applications for India, compared to 978 approved worldwide.