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**UAE – U.S.**  
**HISTORICAL TRADE RELATIONSHIPS**

**PENNSYLVANIA REPORT**

**2018 UPDATE**

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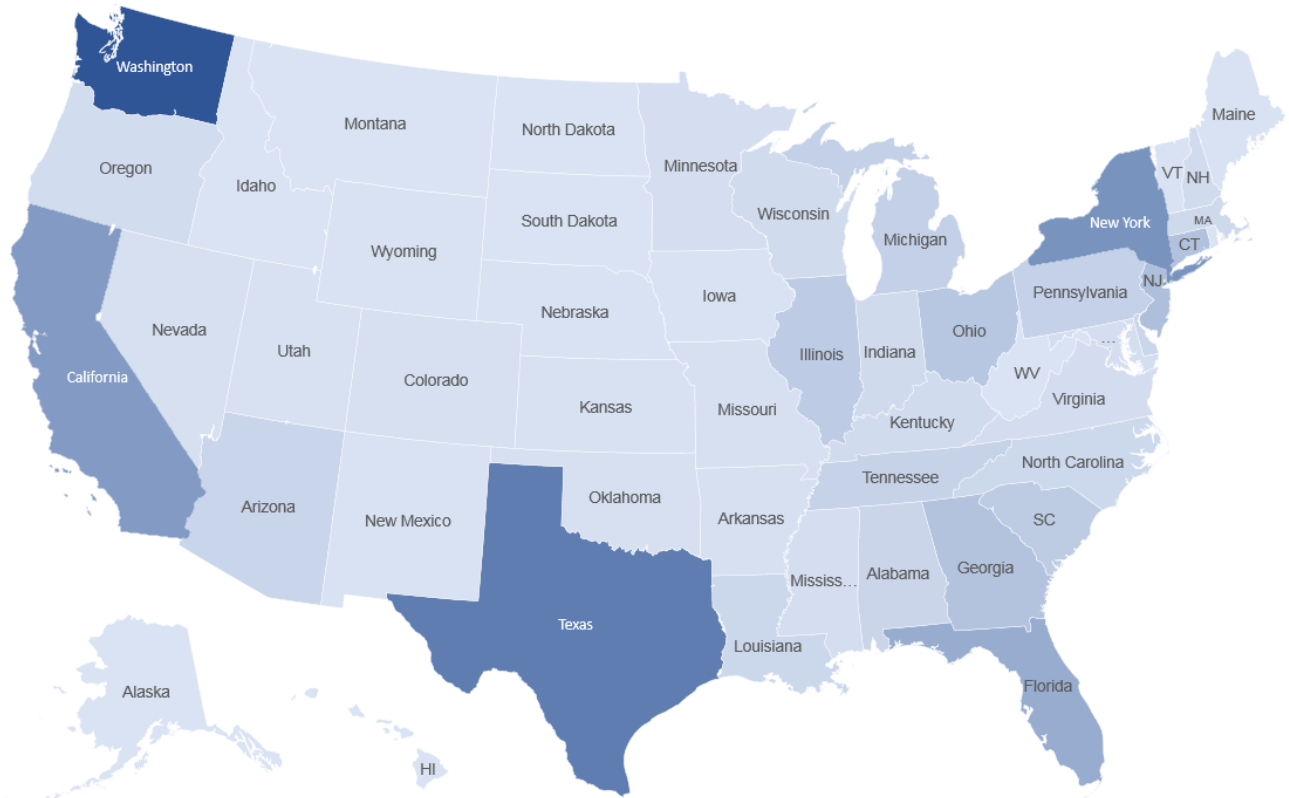
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# Pennsylvania Exports to the UAE



## U.S. State Exports to the UAE for the Years 2015-2018

2015-2018 Exports to the UAE   
 \$0.00B \$13.55B



**A** 14th  
Largest Exporting State

**B** \$1.7B  
Four-Year Total Exports

**C** Fabricated Metal Product  
Top Exporting Sector

**D** Fabricated Metal Product  
Sector with Largest Increase in Exports Since 2017

**E** \$475.0M  
Trade Surplus in 2018

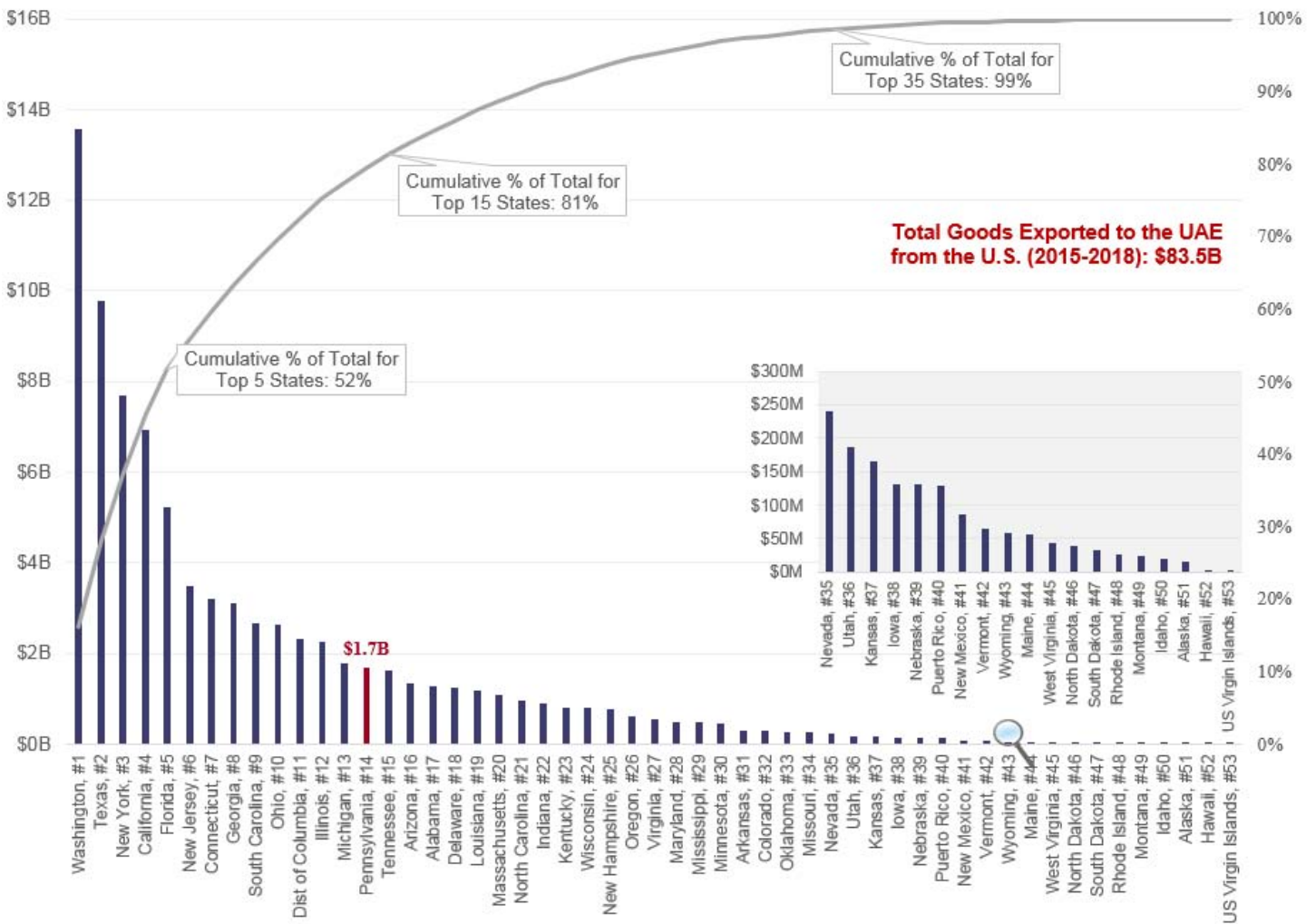
**F** 5,388  
Jobs Supported by Exports

# Pennsylvania Exports to the UAE



Pennsylvania ranked 14th among U.S. states and territories with \$1.7B in goods exported to the UAE between 2015 and 2018

Exhibit I.1 | U.S. State Rankings of Exports to the UAE (\$ in Billions)



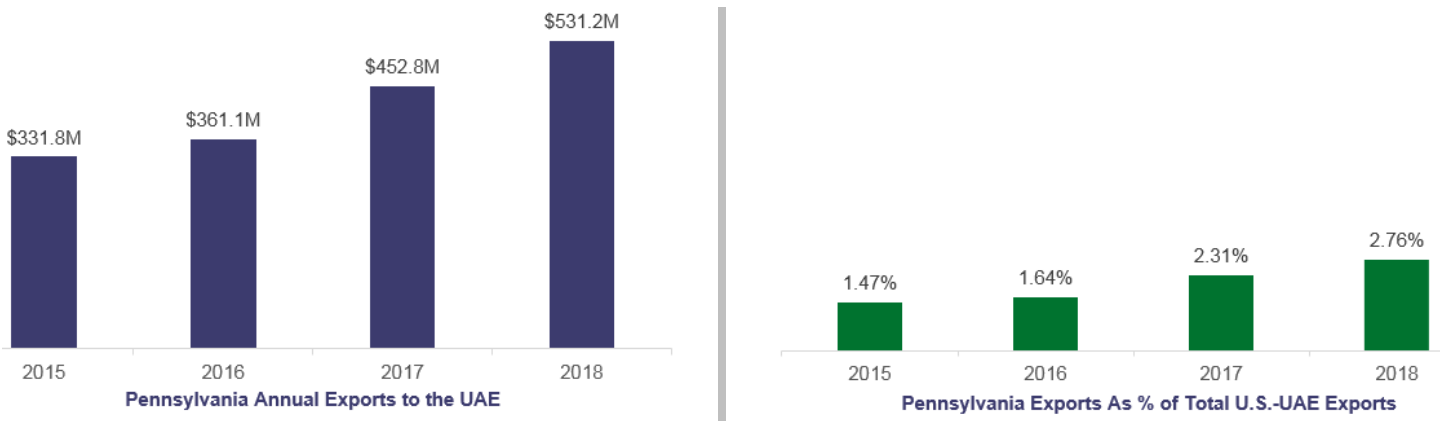
Source: US Census Bureau USA Trade Online (excluding exports where state was not specified)

# Pennsylvania Exports to the UAE



**B** Total value of 2018 goods exported is highest in last four years

Exhibit I.2 | Pennsylvania Export Values and Percent of Total by Year



\$ in millions

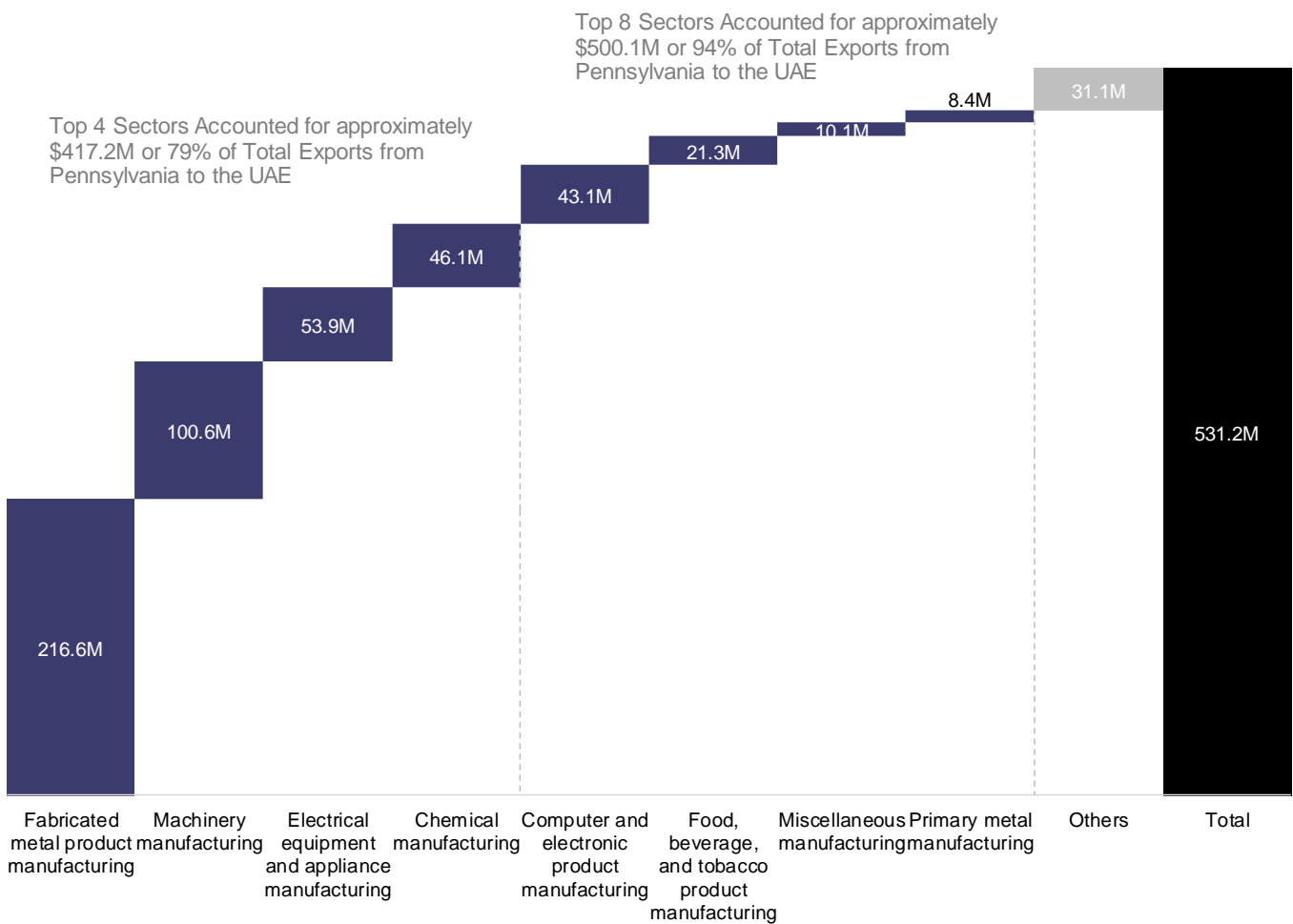
Rank	State	2015	2016	2017	2018	Trend Line	2015-2018
	All U.S. States	\$22,596.4	\$22,030.6	\$19,631.8	\$19,214.3		\$83,473.1
<b>14</b>	<b>Pennsylvania</b>	<b>1.5%</b> \$331.8	<b>1.6%</b> \$361.1	<b>2.3%</b> \$452.8	<b>2.8%</b> \$531.2		<b>2.0%</b> \$1,676.8
1	Washington	14.2% \$3,211.2	18.9% \$4,157.6	20.9% \$4,104.7	10.8% \$2,081.1		16.2% \$13,554.6
5	Florida	6.8% \$1,534.4	6.8% \$1,487.5	6.3% \$1,244.7	4.9% \$949.4		6.2% \$5,216.0
10	Ohio	2.2% \$499.8	3.8% \$830.2	3.1% \$608.6	3.6% \$686.5		3.1% \$2,625.1
20	Massachusetts	0.7% \$150.0	0.7% \$161.8	1.5% \$285.1	2.6% \$493.1		1.3% \$1,090.0
30	Minnesota	0.5% \$113.2	0.4% \$94.1	0.6% \$108.9	0.7% \$136.5		0.5% \$452.7

## Pennsylvania Exports to the UAE



In 2018 *Fabricated Metal Product* and *Machinery Manufacturing* were the largest exporting sectors

Exhibit I.3 | Pennsylvania's Exporting Sectors in 2018

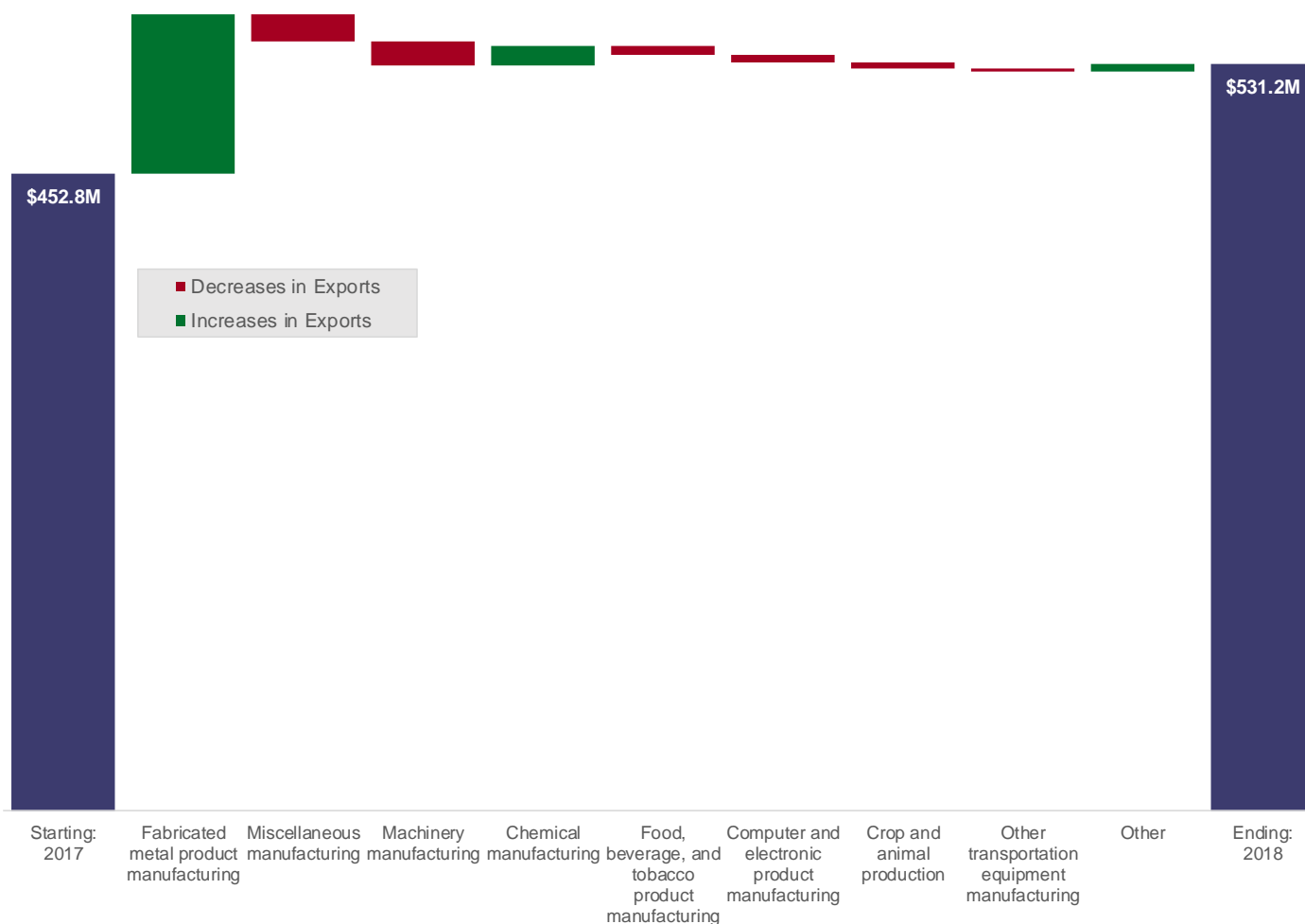


## Pennsylvania Exports to the UAE

I

**D** From 2017 to 2018 *Fabricated Metal Product* sector had the largest increase in exports. *Misc. Manufacturing* sector had the largest decrease

Exhibit I.4 | Pennsylvania's Exporting Sector Movements From 2017 to 2018

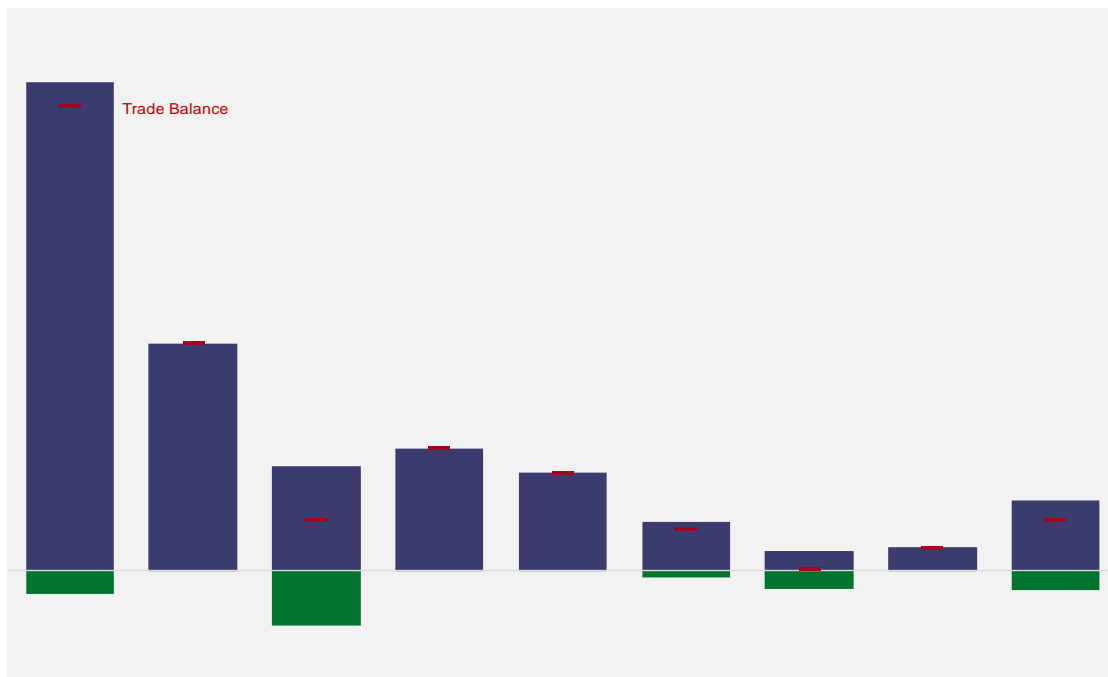
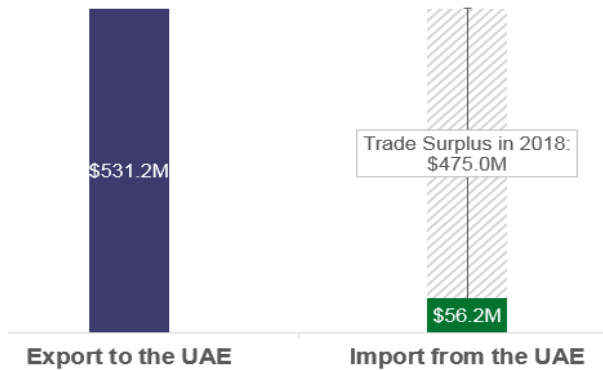


## Pennsylvania Exports to the UAE

I

**E** Pennsylvania had a \$475.0M trade surplus with the UAE in 2018

Exhibit I.5 | Pennsylvania's Trade Surplus with the UAE by Sector



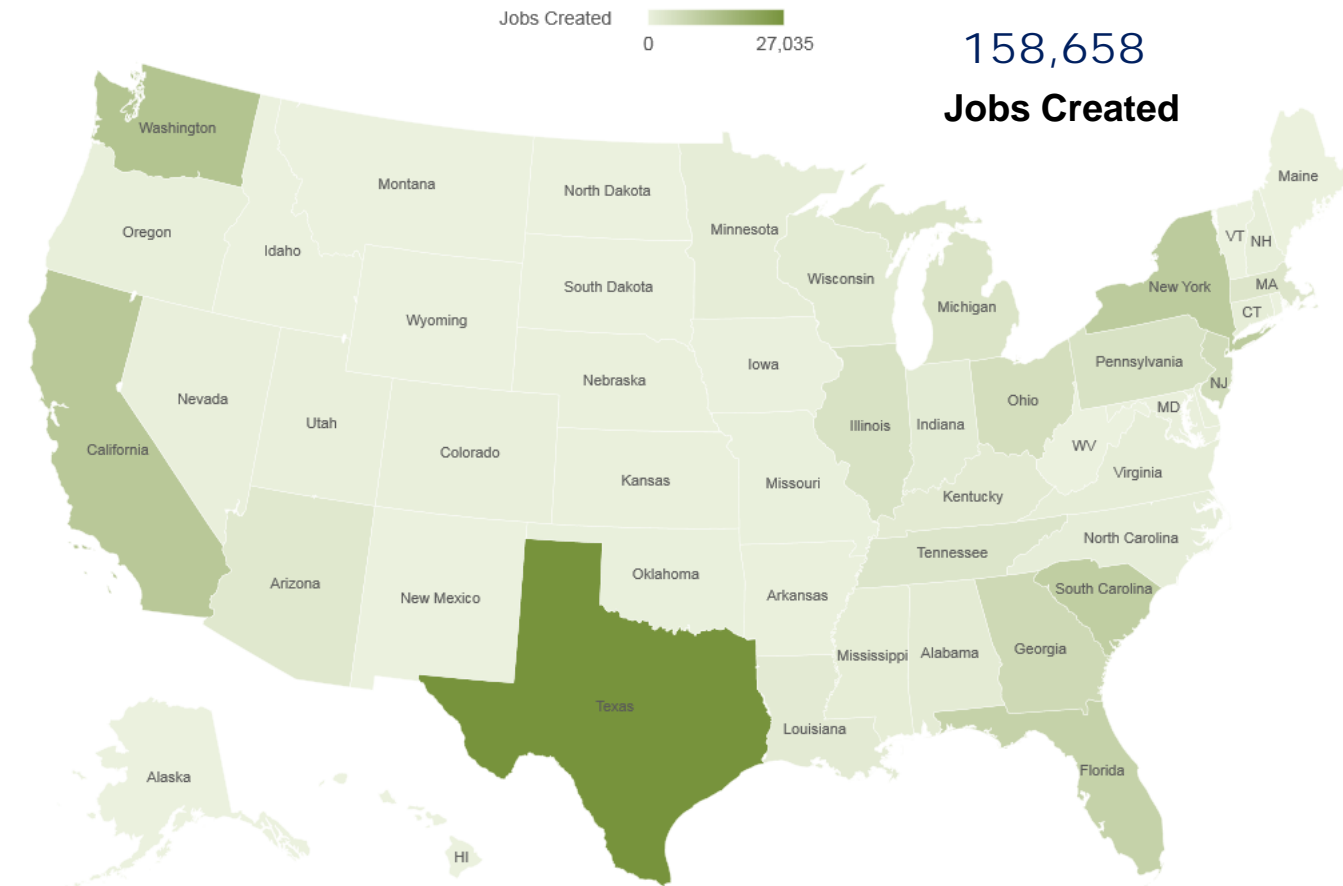
	Fabricated metal product manufacturing	Machinery manufacturing	Chemical manufacturing	Electrical equipment and appliance manufacturing	Computer and electronic product manufacturing	Food, beverage, and tobacco product manufacturing	Primary metal manufacturing	Miscellaneous manufacturing	Other
■ Exports	\$216.6M	\$100.6M	\$46.1M	\$53.9M	\$43.1M	\$21.3M	\$8.4M	\$10.1M	\$31.1M
■ Imports	\$10.47M	\$0.16M	\$24.47M	\$0.19M	\$0.18M	\$3.32M	\$8.18M	\$0.26M	\$8.96M
- Balance	\$206.1M	\$100.5M	\$21.6M	\$53.7M	\$42.9M	\$18.0M	\$0.3M	\$9.8M	\$22.1M



# Pennsylvania 2018 Employment Driven by Export to the UAE



**Positive U.S. Employment Driven by Exports to the UAE in 2018**

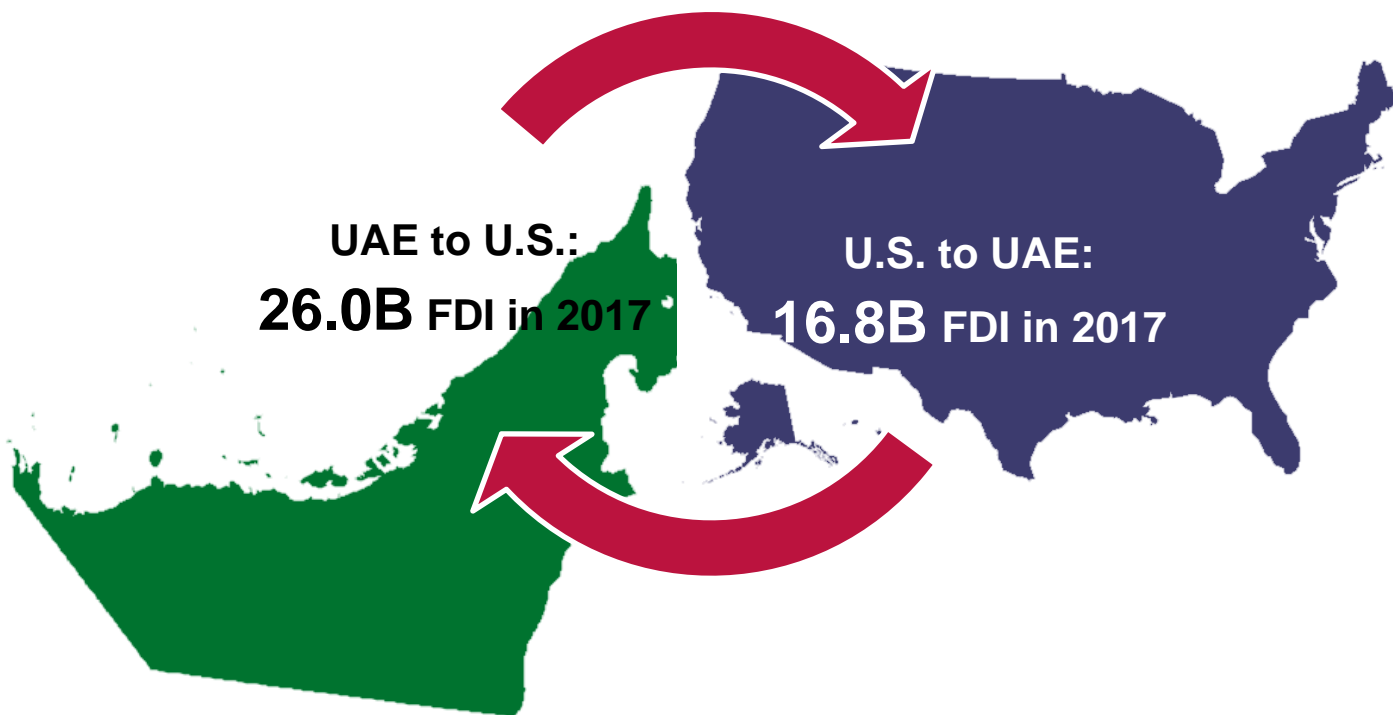


**F** **5,388** Jobs out of 158,658 Total Jobs Created in the U.S. by the UAE

<b>Employment Driven by Pennsylvania's Exports of Manufactured Goods to the UAE*</b>	<b>5,388</b>	Other transportation equipment manufacturing	Computer and electronic product manufacturing	Chemical manufacturing	Fabricated metal product manufacturing	Machinery manufacturing	
		37	392	322	2,453	993	
		Electrical equipment and appliance manufacturing	Food, beverage, and tobacco product manufacturing	Miscellaneous manufacturing			
		500	224	113			

\* The sectors shown are the top ten U.S. manufacturing sectors exporting to the UAE in 2018.

## Foreign Direct Investment



**A** \$26B

2017 UAE total  
FDI in U.S.

**B** Financial  
Services  
Sector

Benefited from  
UAE's investments  
in Pennsylvania  
since 2003

**C** Various  
Sectors

Benefited from  
Pennsylvania's  
greenfield  
investments in the  
UAE in 2018

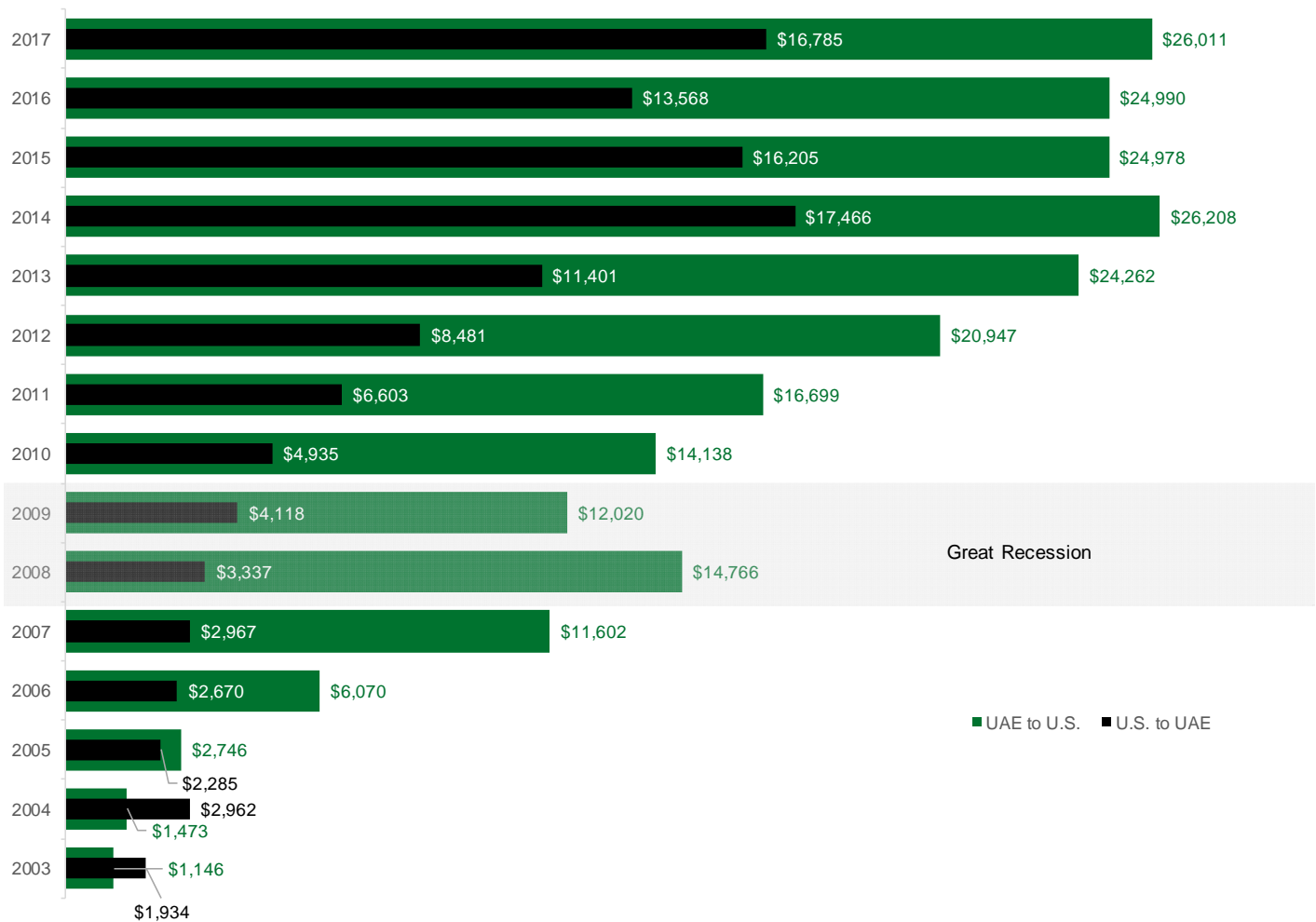
## Bilateral FDI between the U.S. and UAE



A

UAE made \$26B total investment in U.S. in 2017. Investments over the past four years remained level.

Exhibit IV.1 | Total UAE Investments by Year



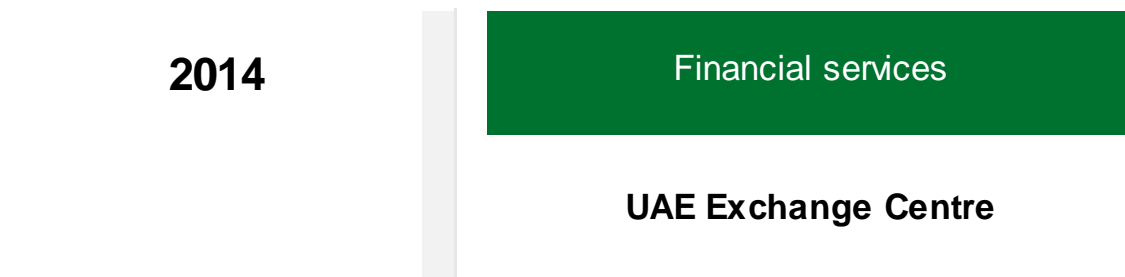
## UAE FDI in Pennsylvania



**B**

Since 2003 UAE expanded existing investments and made greenfield investments in Pennsylvania in the *Financial Services* sector

### Exhibit IV.2 | Certain UAE Investors in U.S. by Sector Since 2003



## Pennsylvania 2018 Greenfield and Expanded FDI in the UAE



Greenfield Investments were made in various sectors in 2018.

### Exhibit IV.3 | Certain Pennsylvania Investors in UAE by Sector in 2018

Sector	Pennsylvania Investing Entities to the UAE
Creative Industries	CNBC
ICT & Electronics	Innovative Systems



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# APPENDICES

## Appendix A

IV

### Pennsylvania's Top Exporting Commodities to the UAE in 2018

This exhibit only displays commodities with annual export amounts exceeding \$5M

Sector	Top Commodity	Export Value
Fabricated metal product manufacturing	3329 Other Fabricated Metal Products	171.8M
	3324 Boilers, Tanks & Shipping Containers	36.4M
	3325 Hardware	
	3327 Bolts/nuts/screws/rivts/washrs & Other Turned Prods	
	3322 Cutlery & Handtools	
Machinery manufacturing	3339 Other General Purpose Machinery	88.1M
	3331 Ag & Construction & Machinery	
	3333 Commercial & Service Industry Machinery	
	3336 Engines, Turbines & Power Transmn Equip	
	3334 Hvac & Commercial Refrigeration Equipment	
Electrical equipment and appliance manufacturing	3353 Electrical Equipment	30.3M
	3359 Electrical Equipment & Components, Nesoi	21.7M
	3352 Household Appliances And Misc Machines, Nesoi	
Chemical manufacturing	3251 Basic Chemicals	23.5M
	3256 Soaps, Cleaning Compounds & Toilet Preparations	9.9M
	3254 Pharmaceuticals & Medicines	7.4M
	3252 Resin, Syn Rubber, Artf & Syn Fibers/fil	
	3255 Paints, Coatings & Adhesives	
Computer and electronic product manufacturing	3345 Navigational/measuring/medical/control Instrument	19.0M
	3342 Communications Equipment	11.3M
	3341 Computer Equipment	7.8M
	3344 Semiconductors & Other Electronic Components	
Food, beverage, and tobacco product manufacturing	3113 Sugar & Confectionery Products	8.1M
	3119 Foods, Nesoi	6.0M
	3118 Bakery & Tortilla Products	
	3115 Dairy Products	
	3111 Animal Foods	
Miscellaneous manufacturing	3391 Medical Equipment & Supplies	7.1M
	3399 Miscellaneous Manufactured Commodities	
Primary metal manufacturing	3311 Iron & Steel & Ferroalloy	
	3315 Foundries	
Plastics and rubber products manufacturing	3262 Rubber Products	
	3261 Plastics Products	
Other transportation equipment manufacturing	3364 Aerospace Products & Parts	
	3369 Transportation Equipment, Nesoi	

Note: Due to space constraints, some data bars are fitted to the page and not to scale.

**Employment Driven by Top 10 UAE-Exporting Sectors in Pennsylvania in 2018**

