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

**MASSACHUSETTS REPORT**

**2018 UPDATE**

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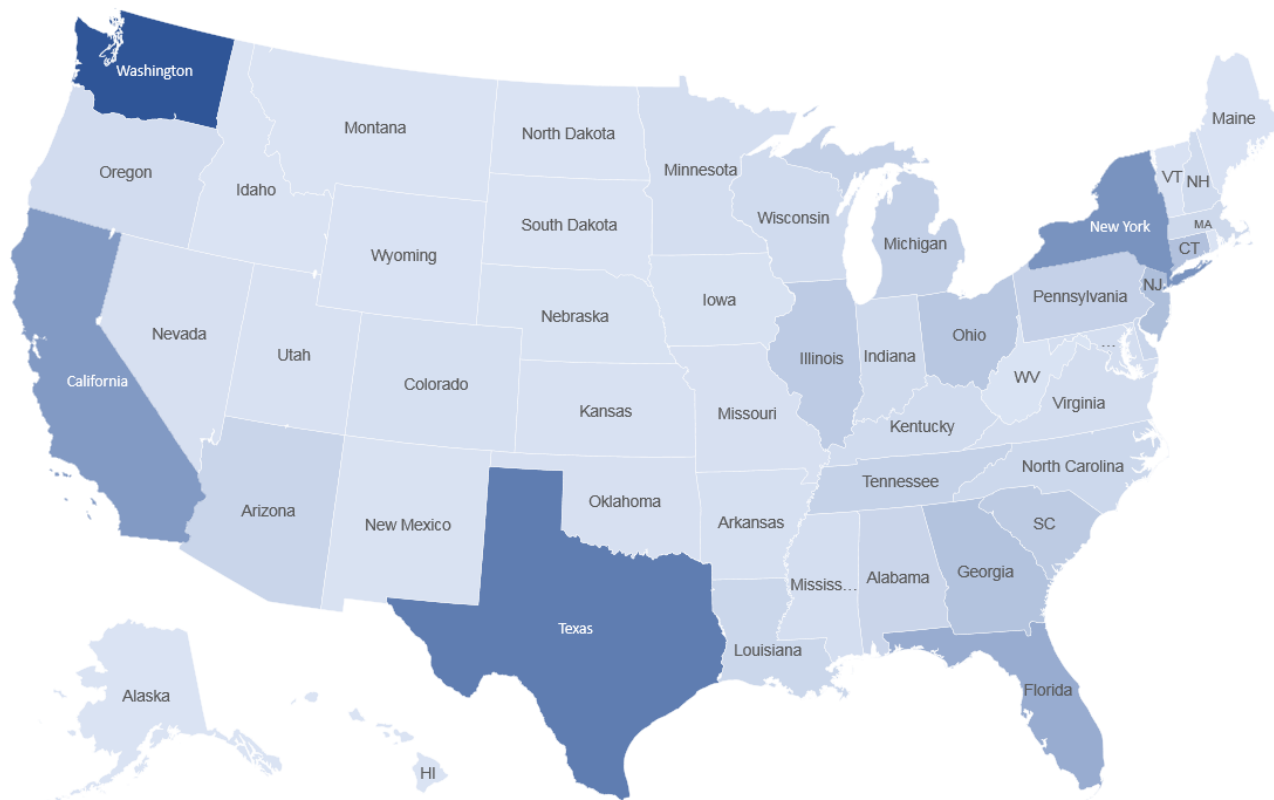
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# Massachusetts Exports to the UAE



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

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



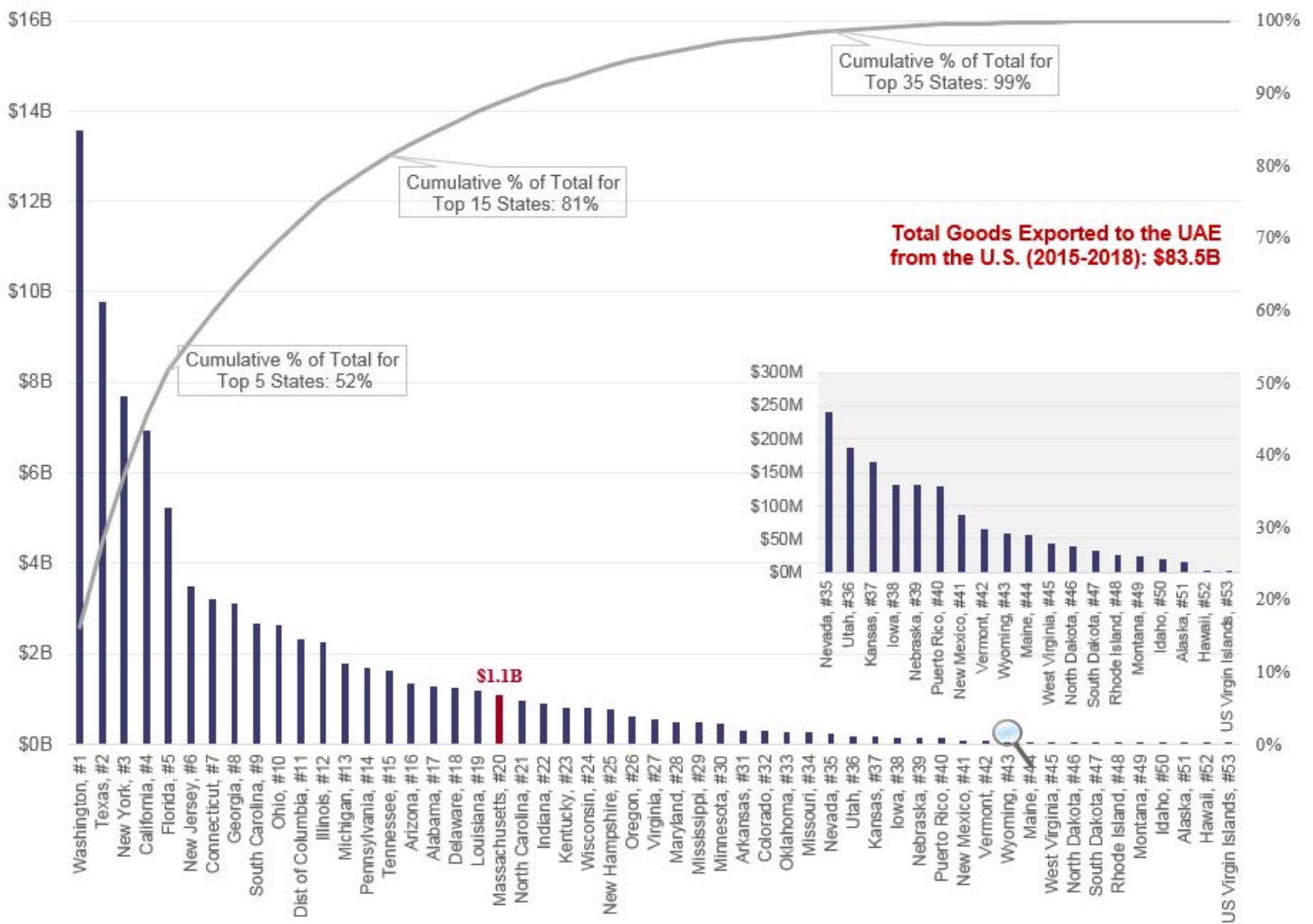
- A** 20th  
Largest Exporting State
- B** \$1.1B  
Four-Year Total Exports
- C** Computer Electronic Product  
Top Exporting Sector
- D** Computer Electronic Product  
Sector with Largest Increase in Exports Since 2017
- E** \$477.1M  
Trade Surplus in 2018
- F** 3,340  
Jobs Supported by Exports

# Massachusetts Exports to the UAE



Massachusetts ranked 20th among U.S. states and territories with \$1.1B in goods exported to the UAE between 2015 and 2018

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



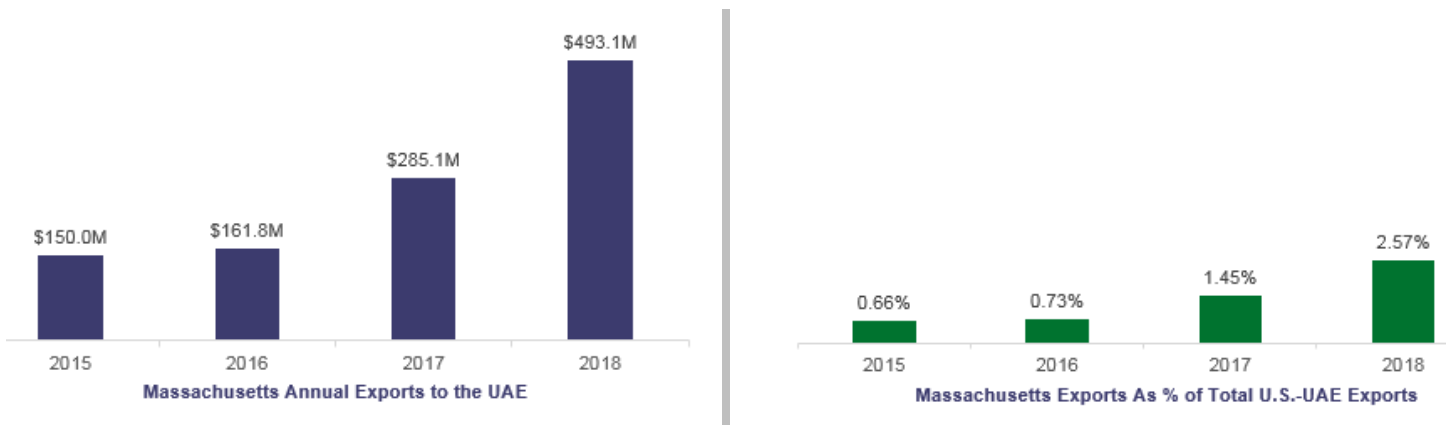
## Massachusetts Exports to the UAE



**B**

Total value of 2018 goods exported is highest in last four years but % of total U.S. exports increased almost twofold compared to 2017

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



\$ in millions

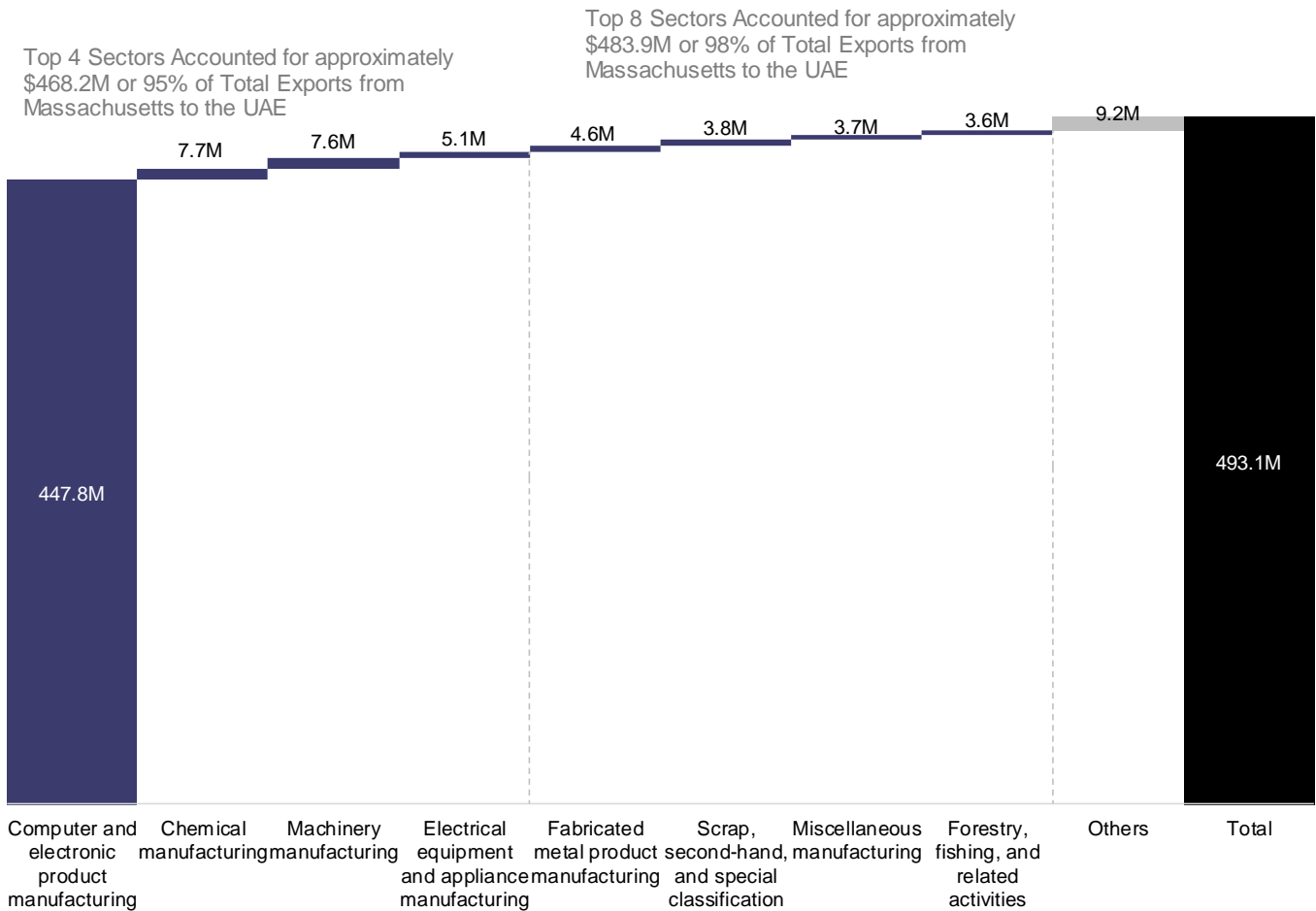
Rank	State	2015	2016	2017	2018	Trend Line	2015-2018
	All U.S. States	\$22,596.4	\$22,030.6	\$19,631.8	\$19,214.3		\$83,473.1
<b>20</b>	<b>Massachusetts</b>	<b>0.7%</b> \$150.0	<b>0.7%</b> \$161.8	<b>1.5%</b> \$285.1	<b>2.6%</b> \$493.1		<b>1.3%</b> \$1,090.0
1	Washington	14.2% \$3,211.2	18.9% \$4,157.6	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
21	North Carolina	1.1% \$240.9	1.9% \$429.2	0.9% \$176.6	0.7% \$127.5		1.2% \$974.2
30	Minnesota	0.5% \$113.2	0.4% \$94.1	0.6% \$108.9	0.7% \$136.5		0.5% \$452.7

# Massachusetts Exports to the UAE



In 2018 *Computer Electronic Product Manufacturing* and *Chemical Manufacturing* were the largest exporting sectors

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



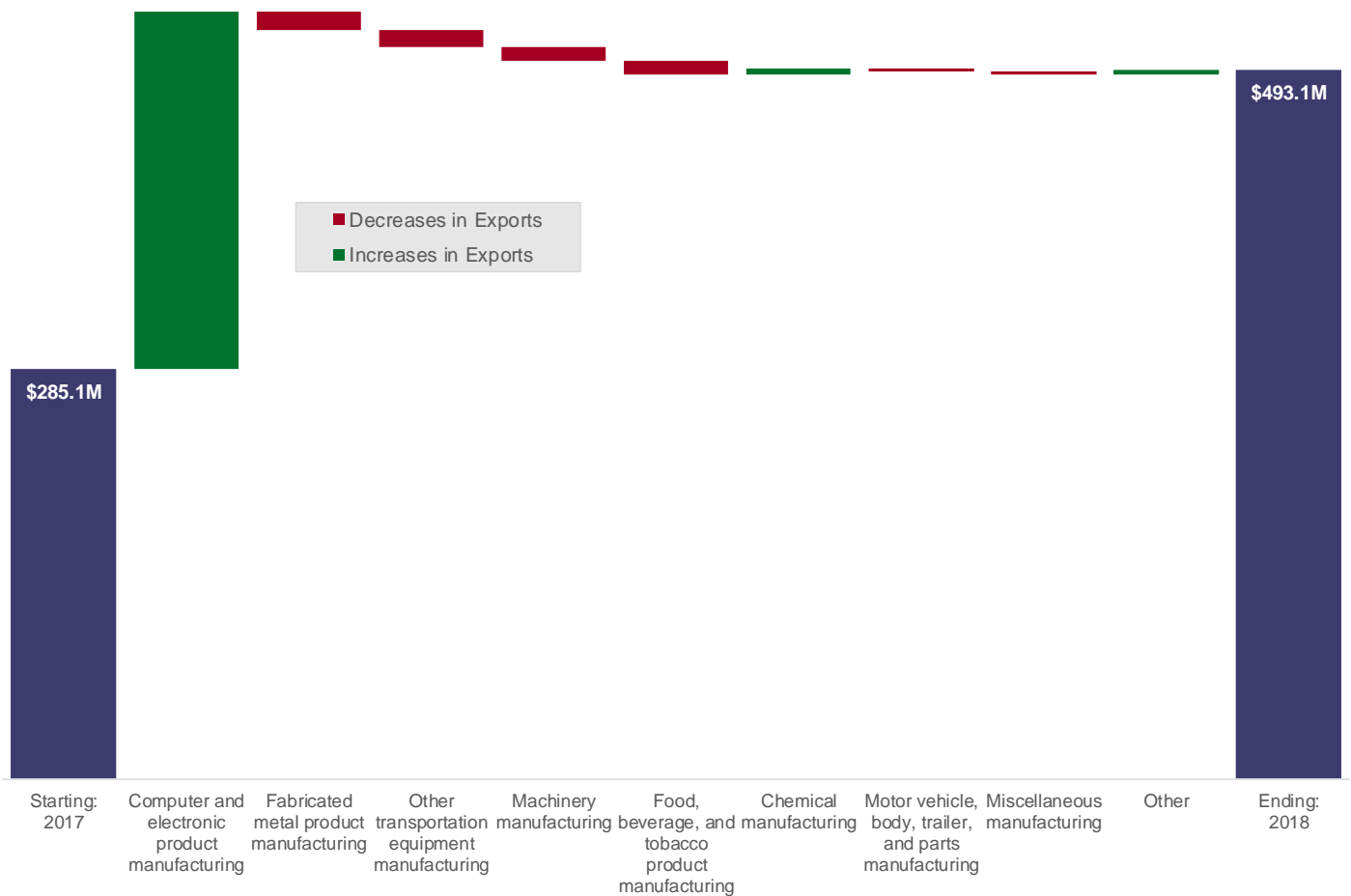
## Massachusetts Exports to the UAE

I

D

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

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

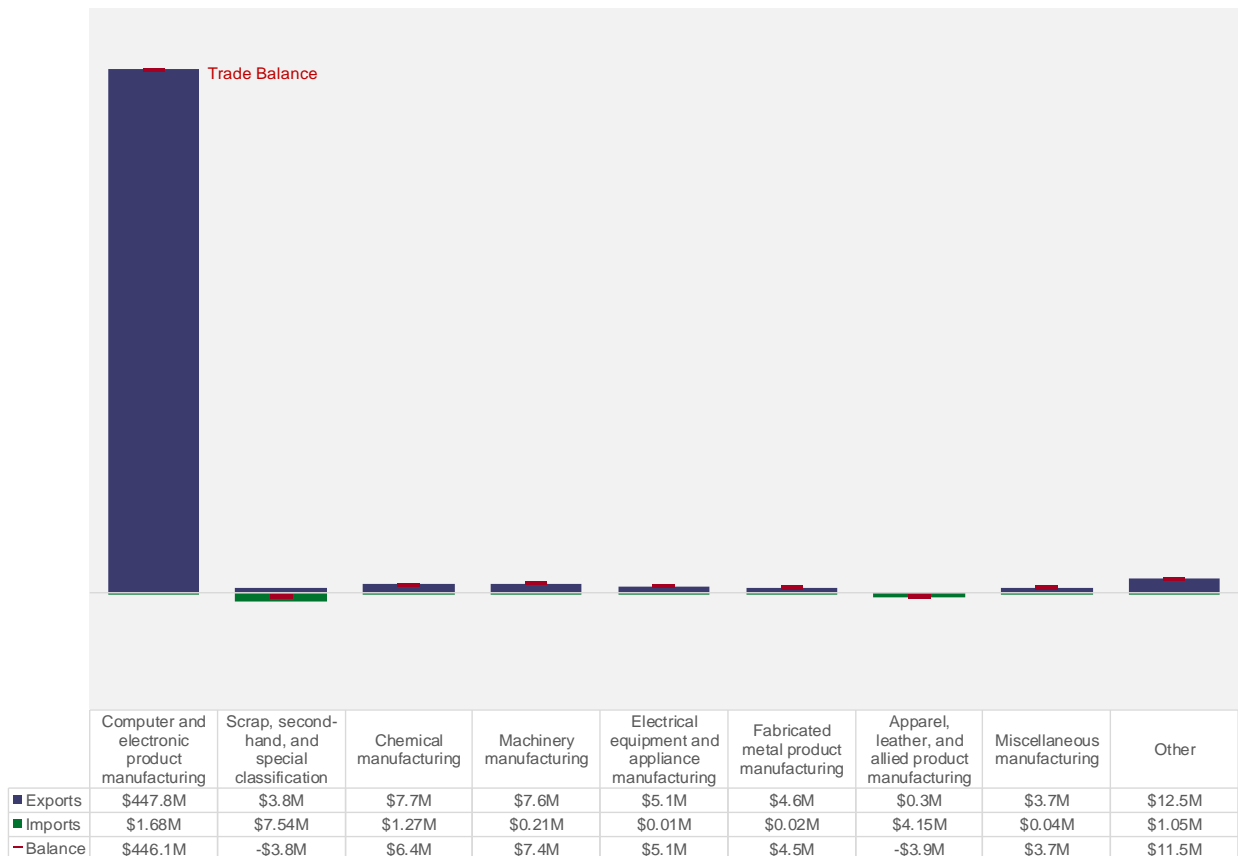


## Massachusetts Exports to the UAE



**E** Massachusetts had a \$477.1M trade surplus with the UAE in 2018

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

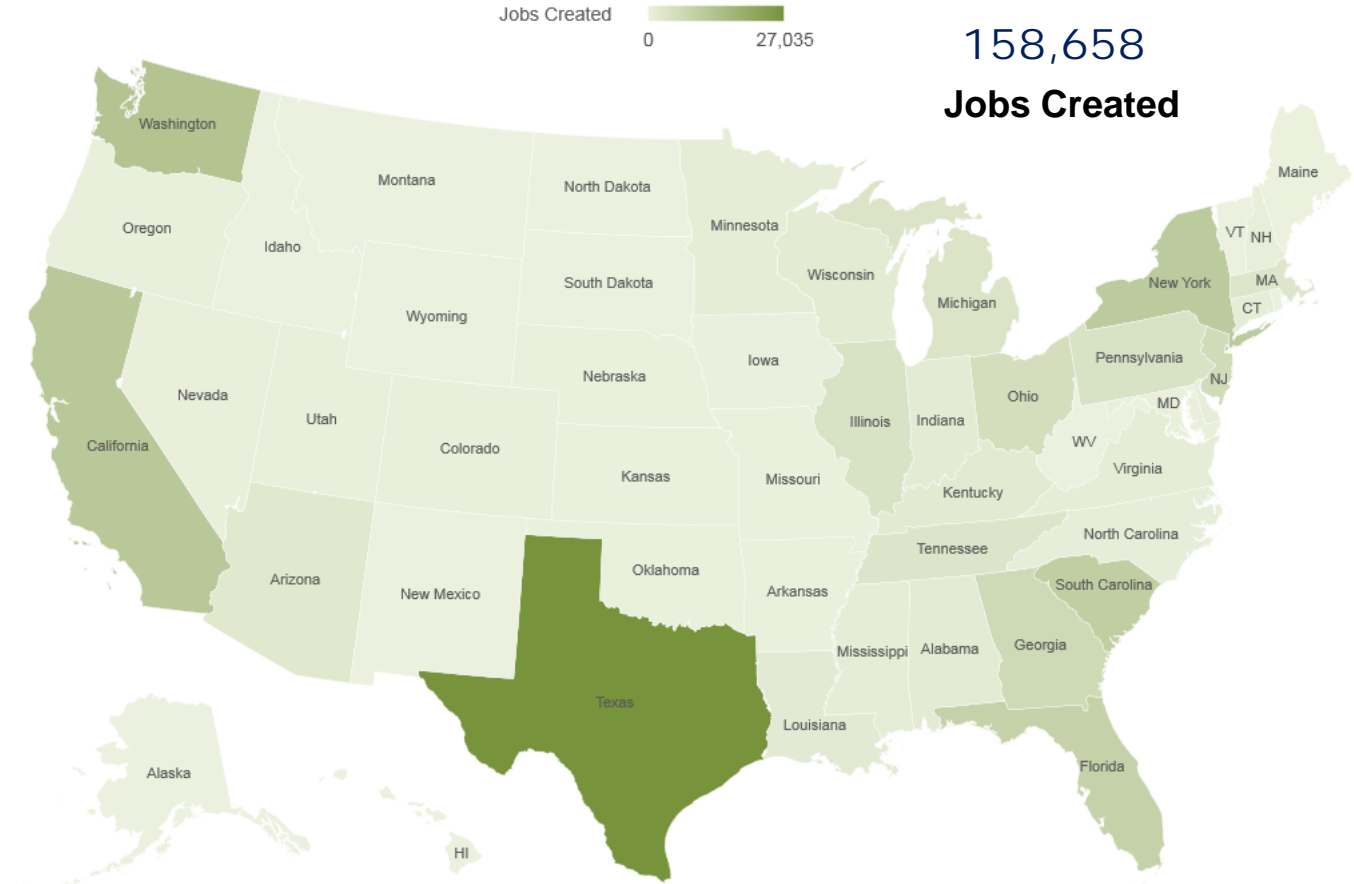




# Massachusetts 2018 Employment Driven by Export to the UAE



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

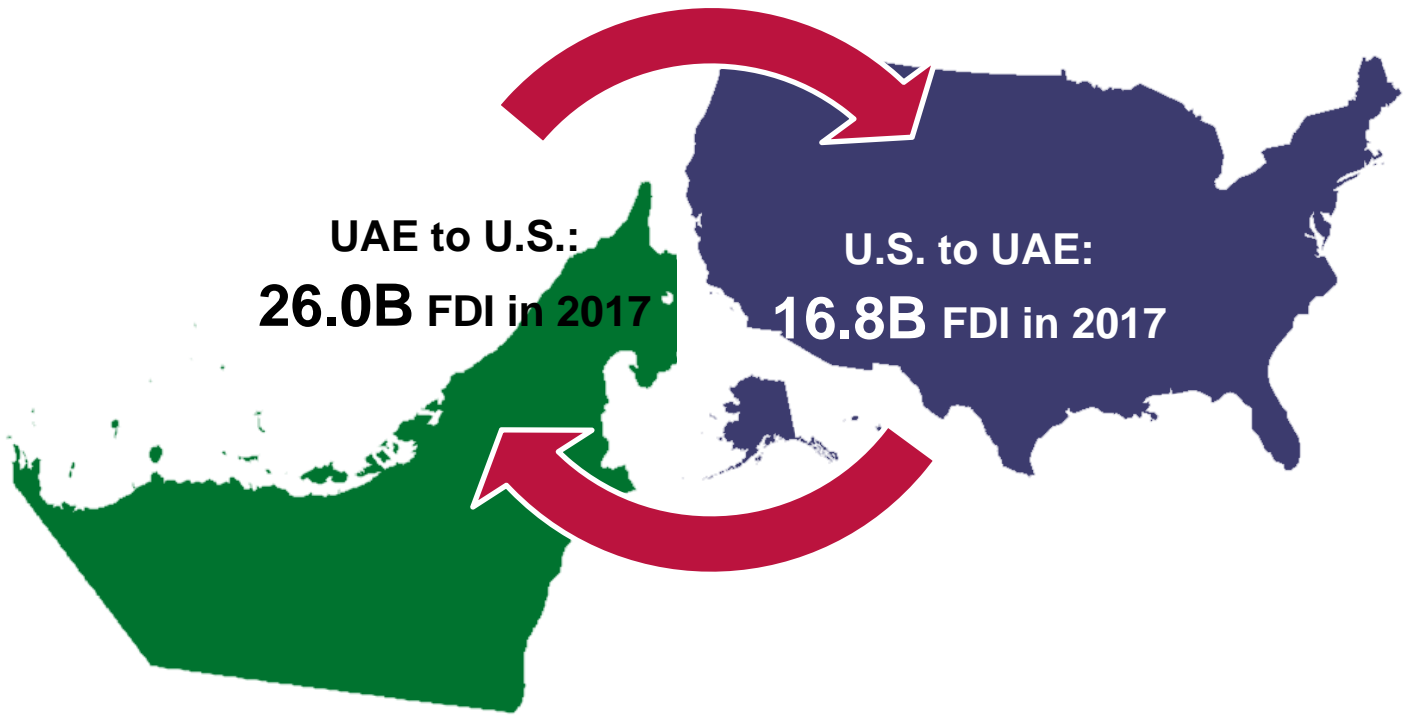


**F** 3,340 Jobs out of 158,658 Total Jobs Created in the U.S. by the UAE

<b>Employment Driven by Massachusetts's Exports of Manufactured Goods to the UAE*</b>	<b>3,340</b>	Other transportation equipment manufacturing	Computer and electronic product manufacturing	Chemical manufacturing	Fabricated metal product manufacturing	Machinery manufacturing
		8	3,025	44	37	57
		Electrical equipment and appliance manufacturing	Food, beverage, and tobacco product manufacturing	Miscellaneous manufacturing	Motor vehicle, body, trailer, and parts manufacturing	
		35	7	30	4	

\* 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** Warehousing  
and Storage  
Sector

Benefited from UAE's  
investments in  
Massachusetts since  
2003

**C** Various  
Sectors

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

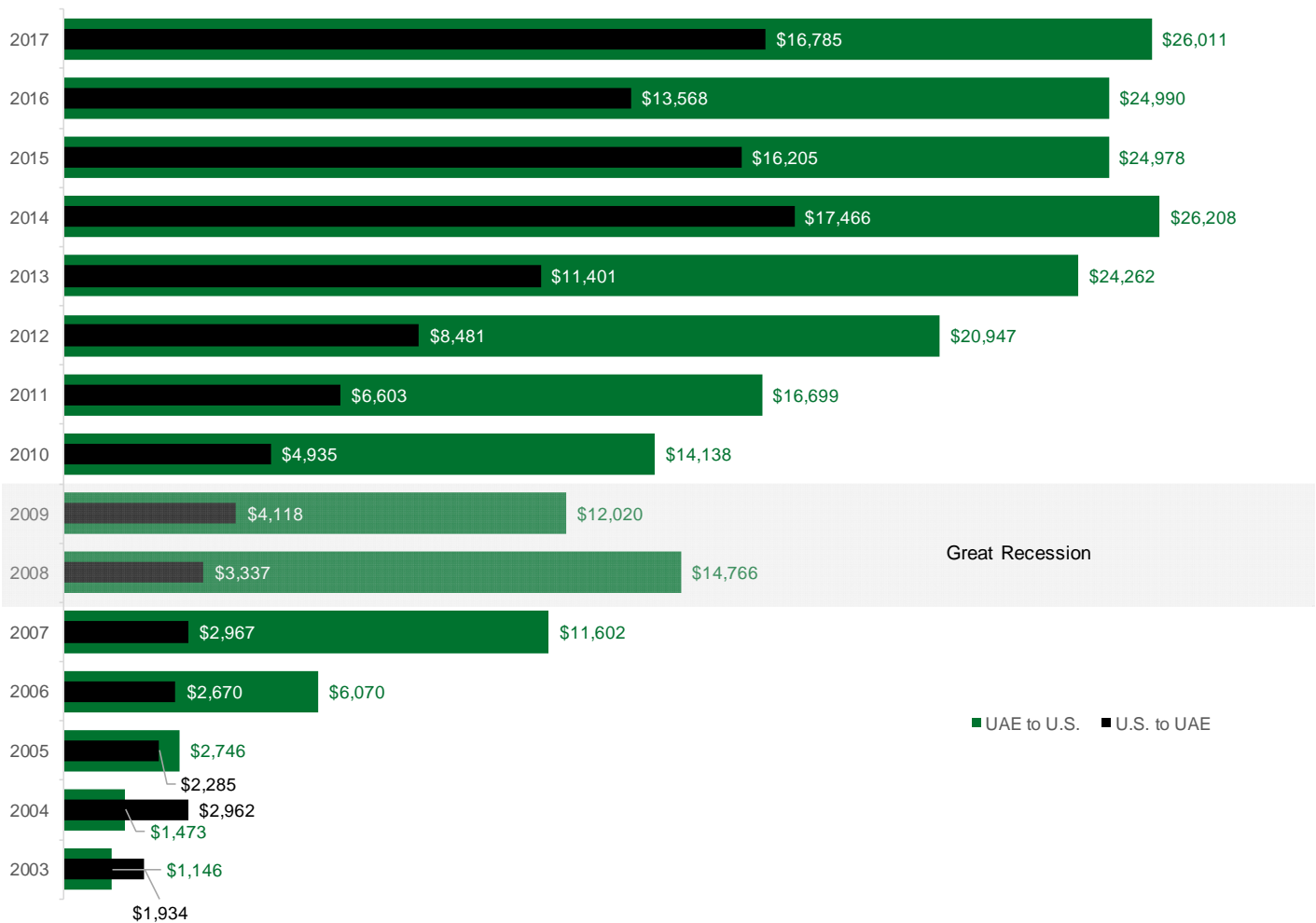
## Bilateral FDI between the U.S. and UAE



**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

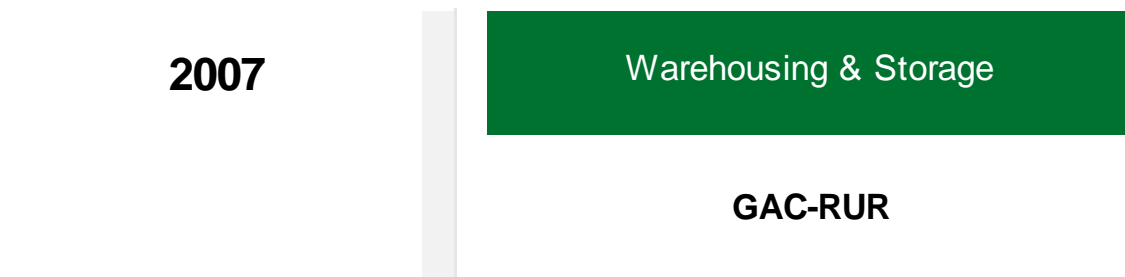


## UAE FDI in Massachusetts



Since 2003 UAE expanded existing investments and made greenfield investments in Massachusetts in a variety of sectors

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



## Massachusetts 2018 Greenfield and Expanded FDI in the UAE



**C** Greenfield Investments were made in various sectors in 2018.

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

Sector	Massachusetts Investing Entities to the UAE
<b>Transport Equipment</b>	GE Aviation
<b>Financial Services</b>	State Street
<b>ICT &amp; Electronics</b>	Affirmed Networks
<b>Creative Industries</b>	Babson College



# APPENDICES

# Appendix A

## Massachusetts'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
Computer and electronic product manufacturing	3345 Navigational/measuring/medical/control Instrument	280.8M
	3342 Communications Equipment	147.8M
	3341 Computer Equipment	16.8M
	3346 Magnetic & Optical Media	
Chemical manufacturing	3254 Pharmaceuticals & Medicines	
	3251 Basic Chemicals	
Machinery manufacturing	3339 Other General Purpose Machinery	
	3333 Commercial & Service Industry Machinery	
	3336 Engines, Turbines & Power Transmsn Equip	
Electrical equipment and appliance manufacturing	3359 Electrical Equipment & Components, Nesoi	
Fabricated metal product manufacturing	3329 Other Fabricated Metal Products	
Scrap, second-hand, and special classification	9300 Used Or Second-hand Merchandise	
	9900 Other Special Classification Provisions	
	9100 Waste And Scrap	
Miscellaneous manufacturing	3391 Medical Equipment & Supplies	
	3399 Miscellaneous Manufactured Commodities	
Forestry, fishing, and related activities	1141 Fish, Fresh/chilled/frozen & Other Marine Products	
Plastics and rubber products manufacturing	3261 Plastics Products	

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 Massachusetts in 2018**

