

# ***Massachusetts Life Sciences Employment: 2010-2012***

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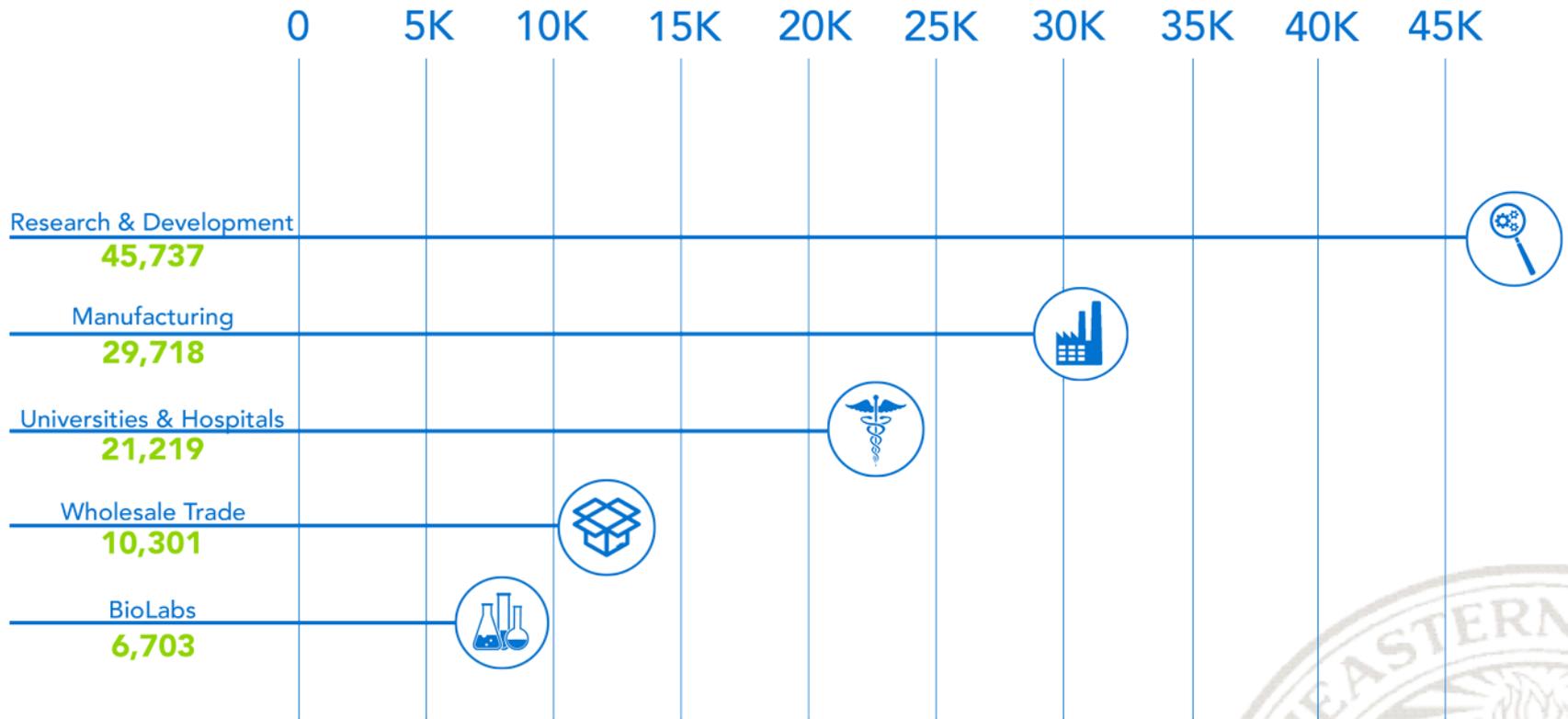
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A “Think and Do” Tank

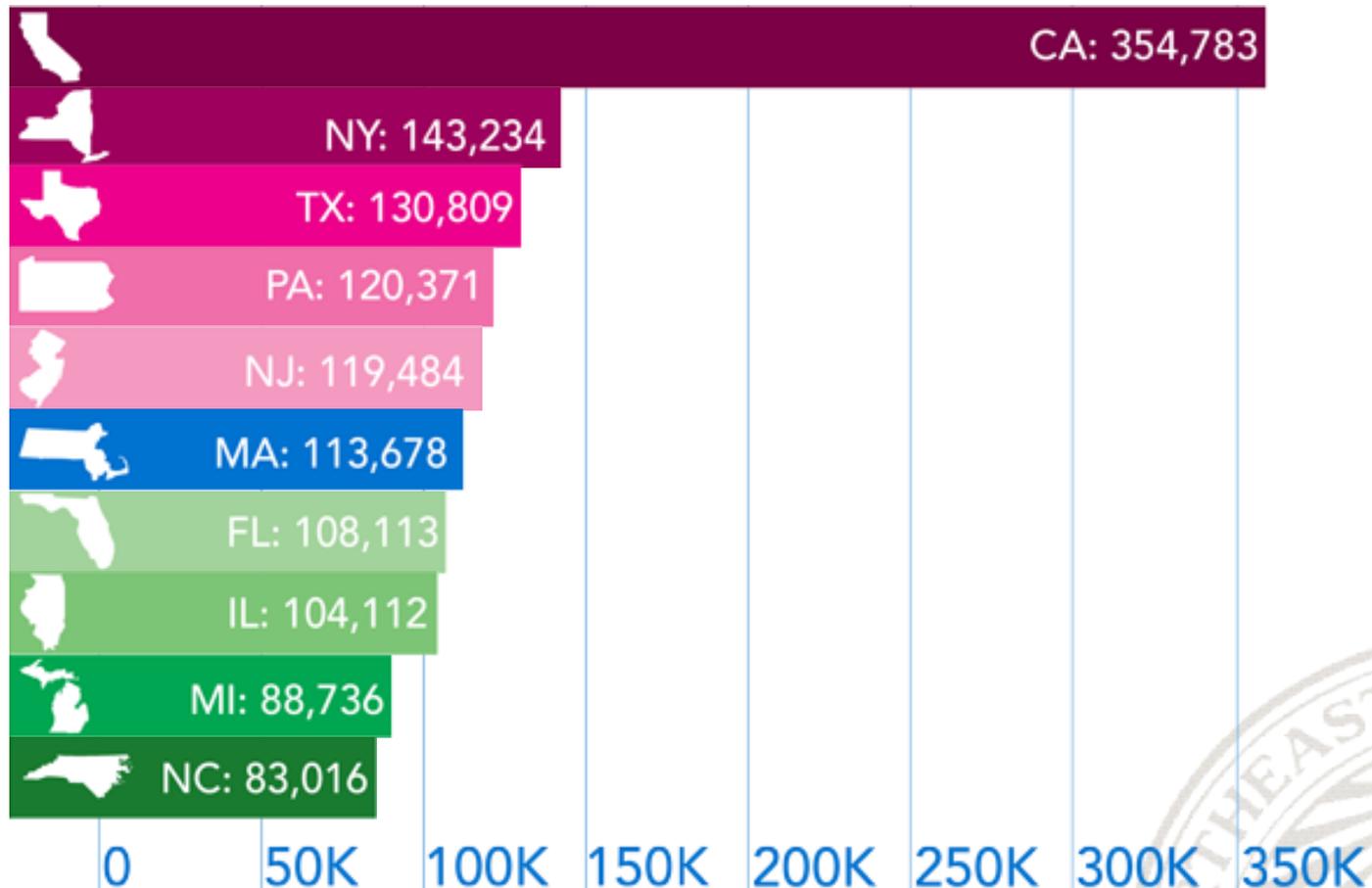


# Massachusetts Life Sciences Employment By Sector: 2010-2012



Total Massachusetts Life Sciences Employment:  
**113,678**

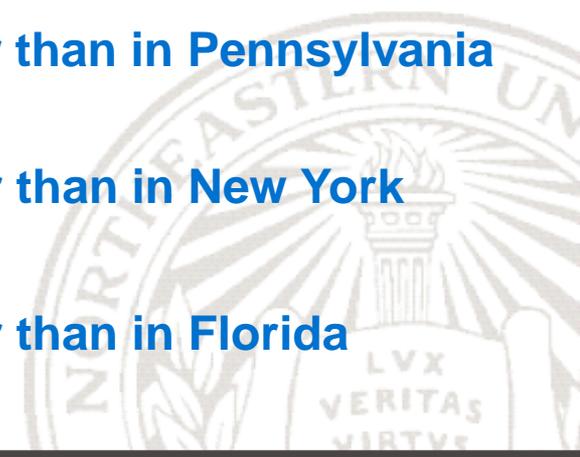
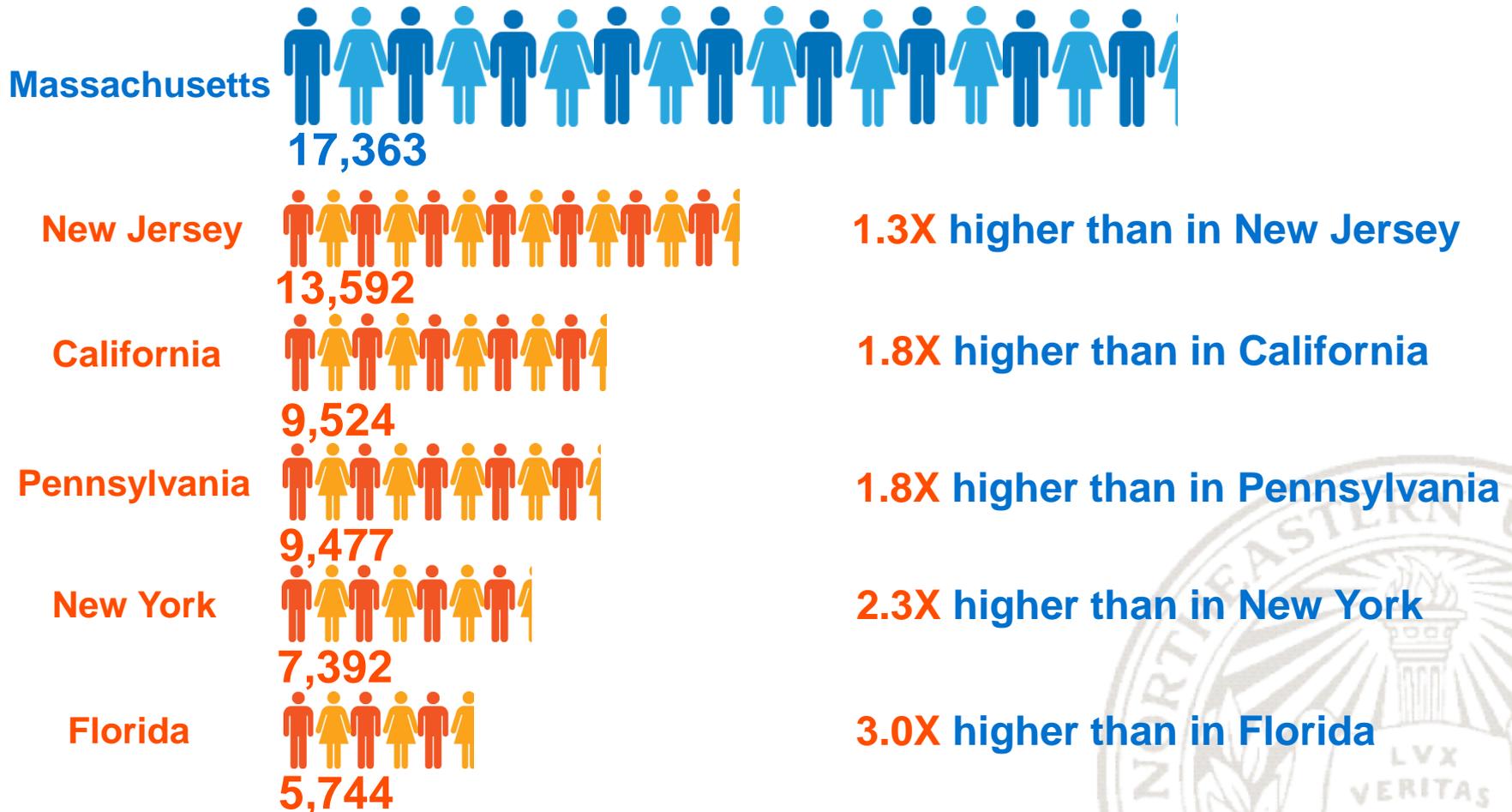
## Total Life Sciences Employment by State 2010-2012



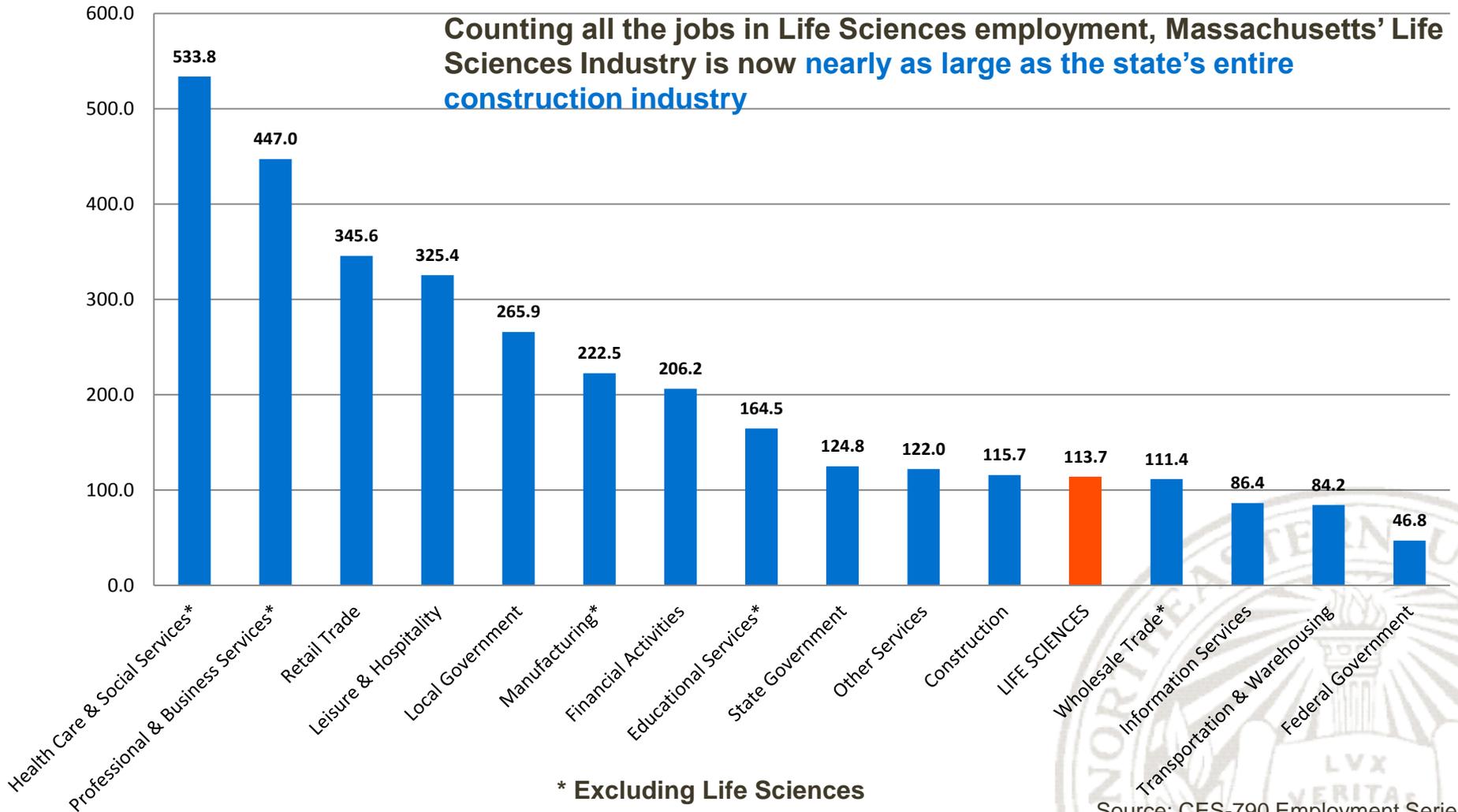
Despite its relatively small population compared to other states, Massachusetts ranks 6<sup>th</sup> in the nation in terms of total life sciences employment...

# Total Life Sciences Employment, per One Million Population by State 2010-2012

But controlling for population size, Massachusetts now ranks #1 in the U.S. in total life sciences employment. On a per capita basis, life sciences employment in Massachusetts is:



# Employment by Major Employment Sector (in 000's) Massachusetts 2010-2012



Source: CES-790 Employment Series

# Life Sciences Contribution to the Massachusetts Economy 2006-2012



# Total Life Sciences Employment Including Supplier Industry Employment: 2012

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**113,678:** Total jobs directly attributable to

- Bioscience R&D (excluding Universities & Hospitals)
- Pharmaceuticals
- Medical Device Manufacturing
- Testing Laboratories
- University/Hospital based Life Sciences
- Life Sciences Wholesale Trade

**66,116:** Jobs generated in Massachusetts industries supplying  
Massachusetts Life Sciences Industry

**179,794:** Total Jobs Generated in Massachusetts by  
Massachusetts Life Sciences Sectors including jobs  
in Massachusetts supplier industries



# **Core Mass Life Sciences Center Contribution to Massachusetts Employment Growth 2006-2012**



# Employment Growth in MLSC Targeted Sectors: 2006-2012

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## Massachusetts Life Sciences R&D, Pharma, Medical Equipment Employment Growth:

2006: 64,945

2012: 76,322

Growth: 11,377

**% Growth: 17.5%**

## Massachusetts **Total** Employment Growth:

2006: 3,197,325

2012: 3,243,632

Growth: 46,307

**% Growth: 1.4%**

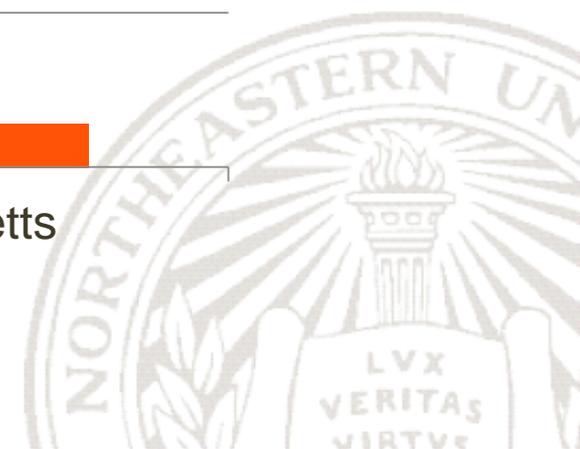
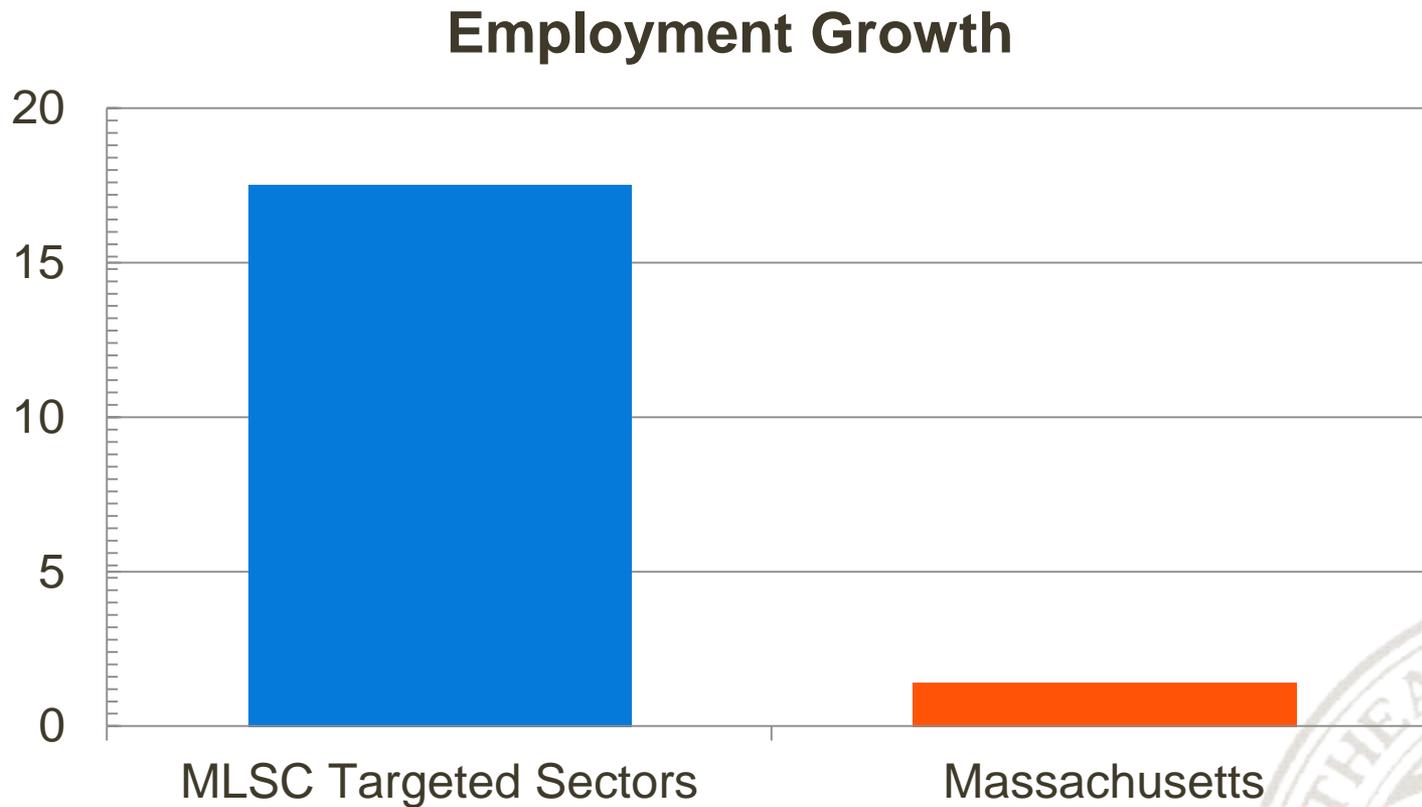
Indirect Jobs Growth: 6,617

Induced Jobs Growth: 12,457

**Total Jobs Growth: 30,451**



# Employment Growth in MLSC Targeted Sectors: 2006-2012



# Summary

- The Massachusetts Life Sciences Sectors have **become over the past decade a major industrial force in the Commonwealth** ... and we clearly lead the nation in this respect.
- Life Sciences Sector growth **was particularly important to the economy during the Great Recession** when little employment was being generated elsewhere in the Massachusetts economy.
- Beyond the promise the Life Sciences is bringing us in terms of healthier, longer lives, it has proven to be a **major economic engine for the Commonwealth** both in terms of its direct job creation and the indirect and induced jobs it has fostered.
- Focusing the Commonwealth's attention on this vital sector has already **paid large dividends** ... and is poised to continue to do so for years to come.