

Metro North STEM Network

Labor Market Information on STEM Occupations in the Metro North Region

February 28, 2014



Metro North Regional Employment Board

"Building Partnerships for a Better Workforce"

STEM is not about flowers!



It's about occupations based in

Science

Technology

Engineering

Mathematics

STEM Challenge for Next Decade

Baby Boomer retirement will result in 50 %
depletion of STEM workforce BUT



80% of new jobs created will require
math and science skills!

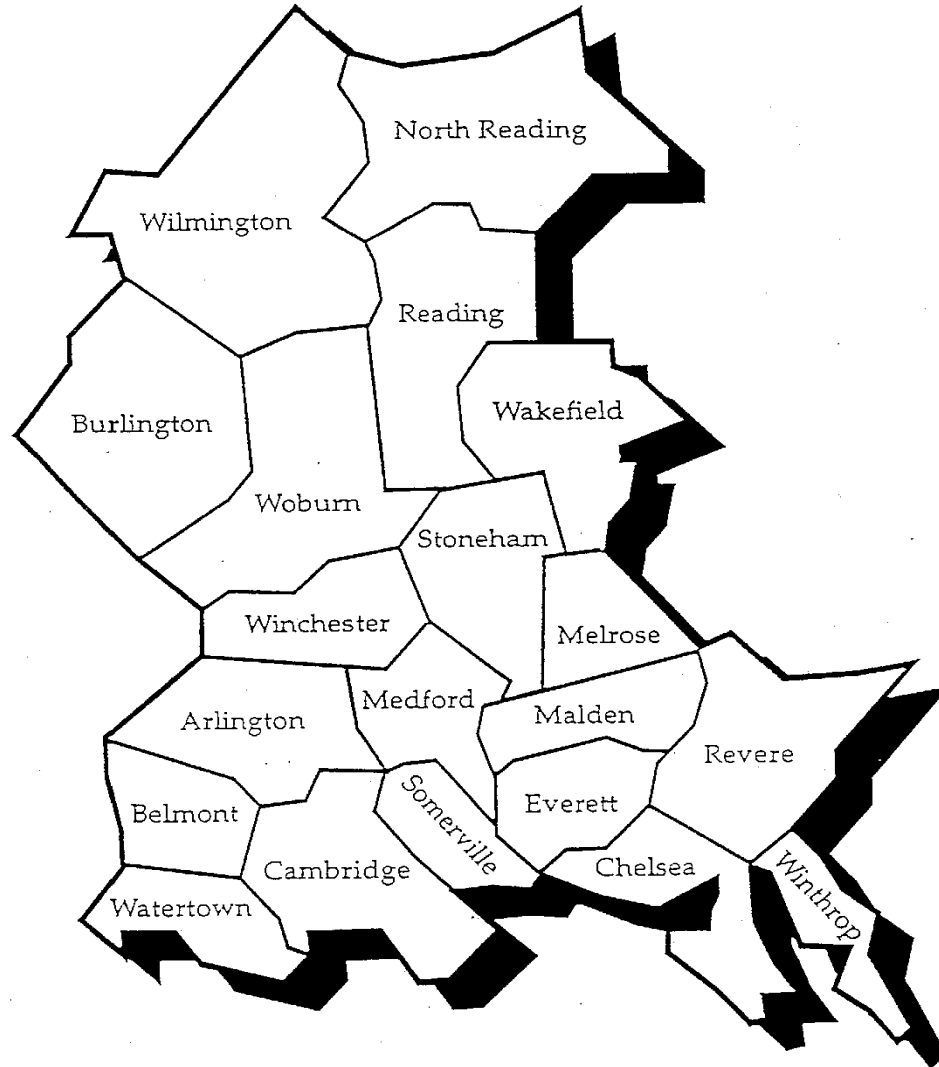
(Governor's STEM Advisory Council)

Commonwealth of Massachusetts Jobs Creation Commission Final Report

- **A significant portion of job openings require highly skilled workers in STEM**
- **Employers report difficulty finding appropriate candidates for STEM positions**
- **Labor force does not have enough individuals with higher level skills in STEM to fill the job openings**

(September 2012)

Metro North Region



STEM Workforce Projections

- **Labor and Workforce Development Labor Market Information**
 - Employment in the Professional, Scientific, and Technical Services sector in **Metro North** is projected to grow by 27.2% between 2010 and 2020.
 - **That's 13,650 jobs!**
 - <http://www.mass.gov/lwd/economic-data/>

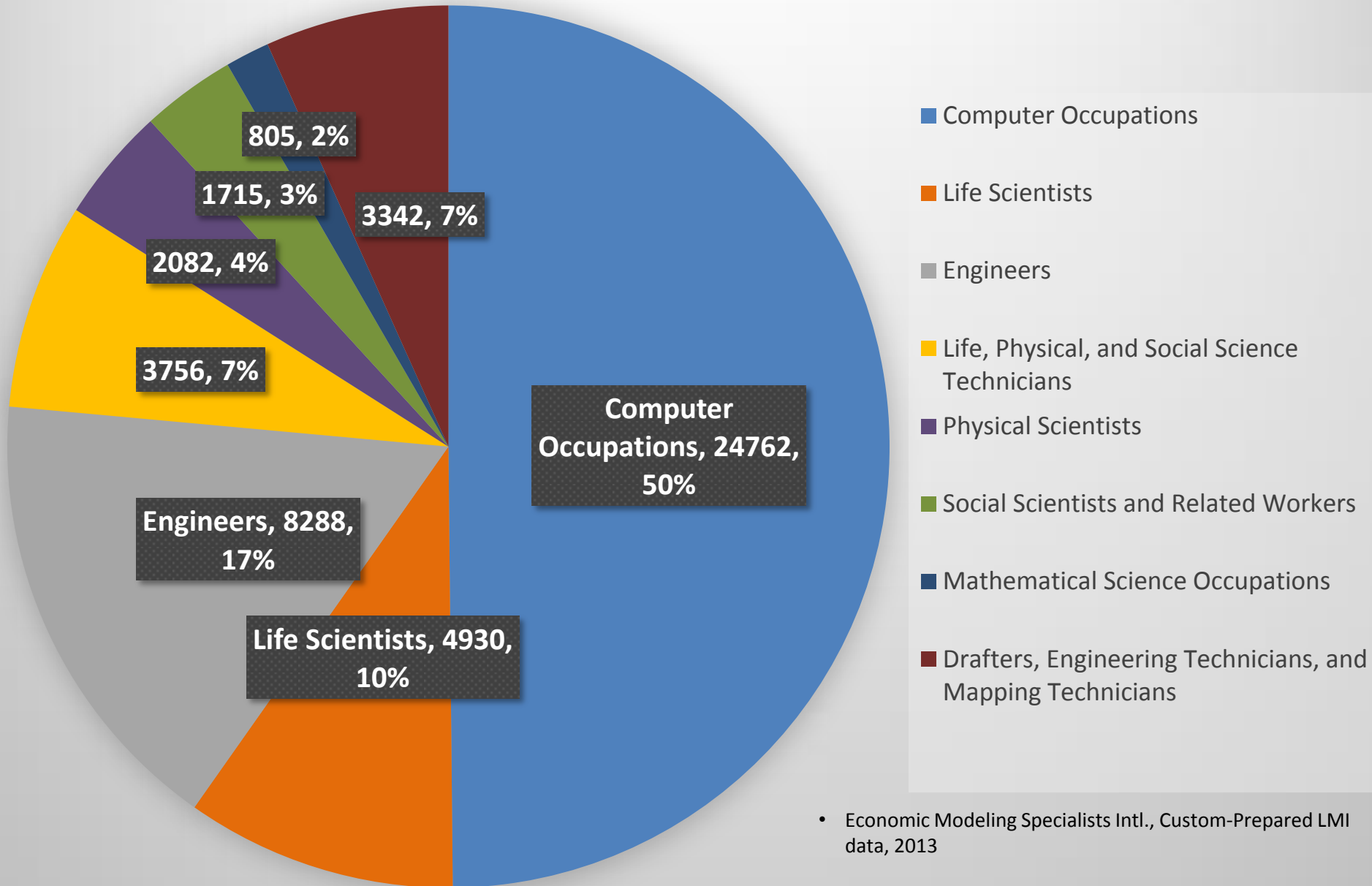
STEM Employment Projections

- From 2011 – 2013: Metro North Region
 - **4.6%** increase in employment
 - An additional **2,365 jobs**
 - A decrease in employment in a majority of other industries
- May 14 – June 13, 2013: Metro North Region
 - **1,557 job openings** were posted in the STEM Sector

(Professional, Scientific, and Technical Services, HWOL)

STEM using Eight High-Level Occupations

Number of STEM Jobs in 2012



• Economic Modeling Specialists Intl., Custom-Prepared LMI data, 2013

Questions

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