



# MINNESOTA'S Statewide Longitudinal Education Data System (SLEDS)

**Preliminary Results!!!**

**Partial presentation**

December 2012

# What is the vision of SLEDS?

The SLEDS project is being created to assist in identifying the most viable pathways for individuals in achieving successful outcomes in education and work.

The SLEDS data system will enable research to:

- ✓ Identify predictors of long-term student success
- ✓ Design targeted improvement strategies in programs
- ✓ Improve data driven decision making
- ✓ Meet federal funding requirements

# What data will be included?

**Bold** = SLEDS Release 1 (Oct 2012)

*Italics* = SLEDS Release 2 (Wtr 2013)

## Minnesota Department of Education (MDE)

- **K-12 Enrollment**
- **K-12 Assessment**
- **ACT (Explore, Plan, College Entrance)**
- Advanced Placement Results
- **Adult Basic Education**
- Kindergarten Readiness
- Early Childhood Enrollment
- Career and Technical Education

## Minnesota Office of Higher Education (OHE)

- **Post-Secondary Enrollment**
- *Post-Secondary Completions*
- **Institutional Characteristics**

## Minnesota Department of Employment and Economic Development (DEED)

- **Unemployment Insurance Wage Detail Records**
- **Employer Detail (including NAICS info)**
- *Workforce Training Participant Data*
- Unemployment Benefit Recipients

## Other

- **GED Results**
- *Out of State Higher Education Enrollments and Completions (National Student Clearinghouse)*

# The 4P's

## Pathways:

The movement of individual students between K-12 / Higher Education / Workforce

- Who enrolls in college and when?
- Which levels of education lead to higher wages?

## Progress:

The benchmarks or transition points students meet—or fail to meet

- How many students choose college, how many work?
- What industries employ college graduates and at what wages?

## Predictors:

The characteristics, patterns, or commonalities that help explain which students achieve successful outcomes and which do not.

- Student demographics
- Immediate vs. delayed entry into postsecondary education

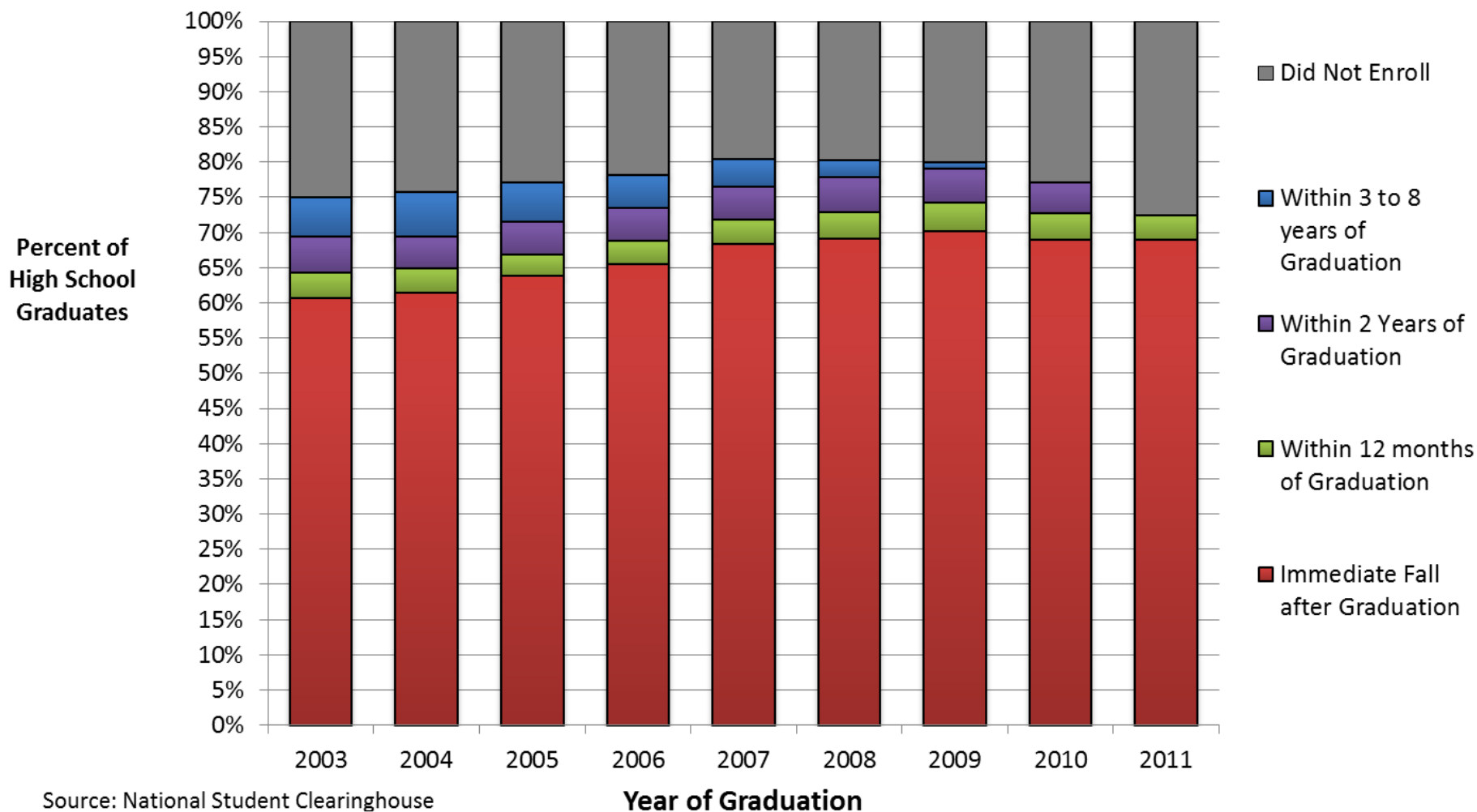
## Performance:

How well are education and workforce aligned for individual success?

- Where can we focus additional strategies and resources?

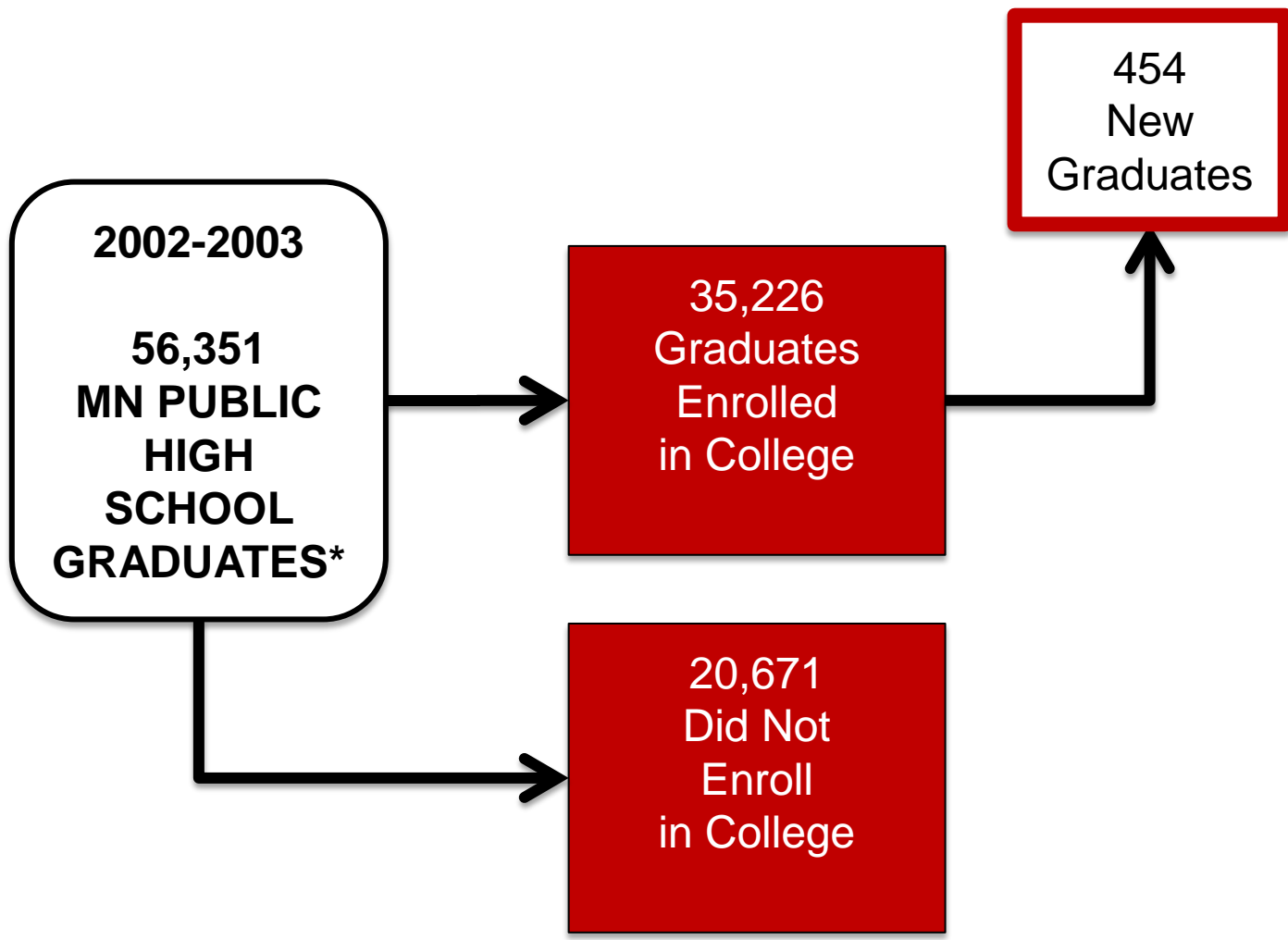
# Timing of College Entry (as of 2011)

## Post Secondary Enrollment of Minnesota Public High School Graduates by Time Period of Enrollment and Year of Graduation

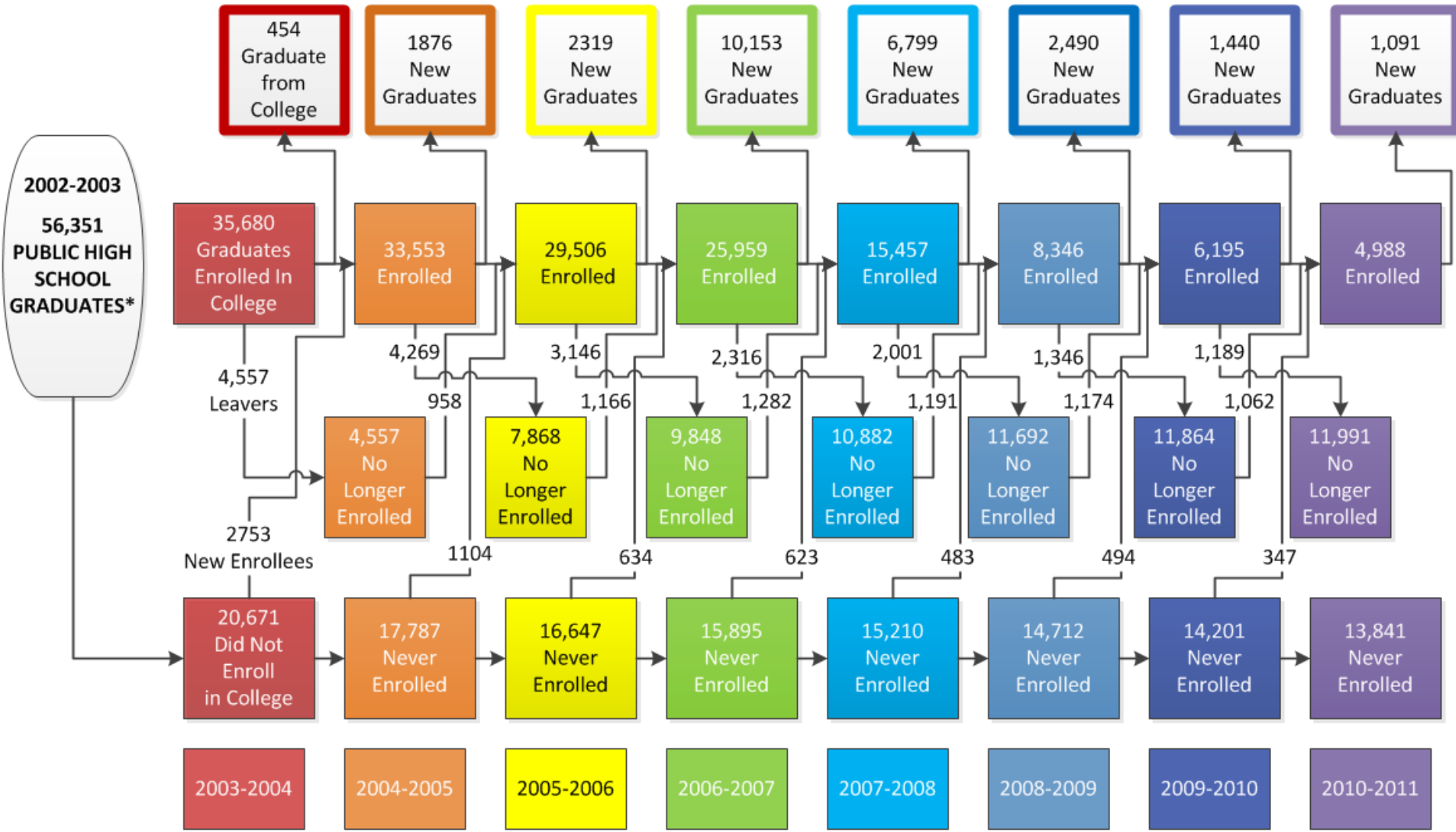


# College Pathways of the Class of 2003

2003-2004 Academic Year



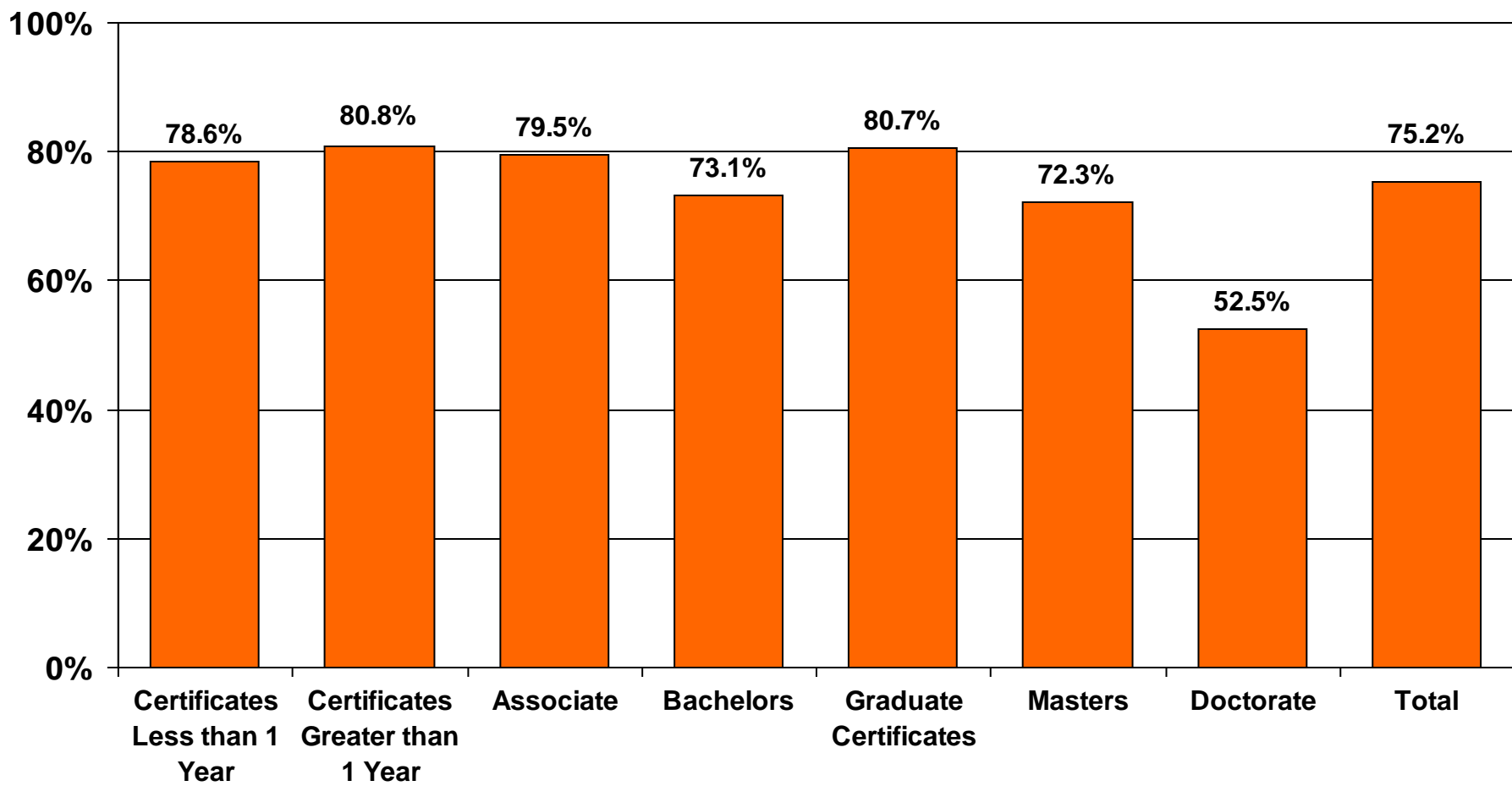
# College Pathways of the Class of 2003



SOURCE: NATIONAL STUDENT CLEARINGHOUSE

\*Data includes 95% of high school graduates

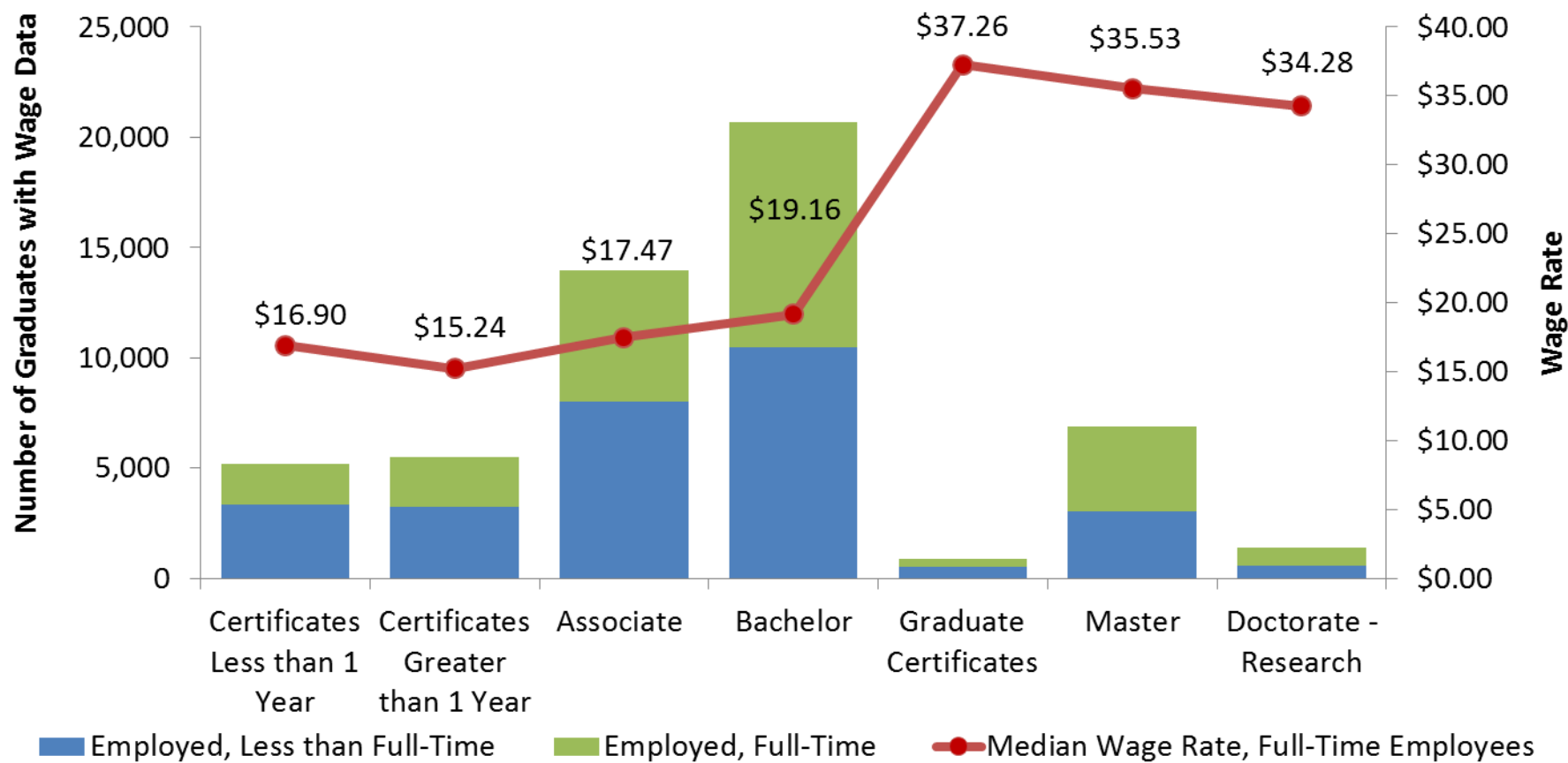
# Employment Rates by Level





# Employment & Graduates

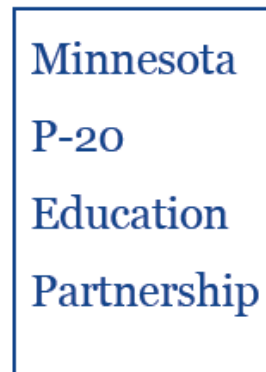
2009-2010 Graduates, One Year after Graduation  
by Award Level, Employment Level, and Median Wage Rate  
Minnesota



# Employment pre- and post-sub-bacc completion in Health Profession (CIP 51) Programs – 2009/10 completers

<b>Two Years Before Graduation</b>				<b>One Year After Graduation</b>			
<b>Industry of Employment</b>	<b>Count</b>	<b>% Employed in Industry</b>	<b>Median Wage</b>	<b>Industry of Employment</b>	<b>Count</b>	<b>% Employed in Industry</b>	<b>Median Wage</b>
<b>Health Care and Social Assistance (NAICS 62)</b>	<b>1,127</b>	<b>34%</b>	<b>\$11.42</b>	<b>Health Care and Social Assistance</b>	<b>998</b>	<b>89%</b>	<b>\$15.18</b>
				<b>Other than Health Care</b>	<b>129</b>	<b>11%</b>	<b>\$12.28</b>
<b>Other than Health Care Industry</b>	<b>2,228</b>	<b>66%</b>	<b>\$9.88</b>	<b>Health Care and Social Assistance</b>	<b>1,154</b>	<b>52%</b>	<b>\$12.61</b>
				<b>Other than Health Care</b>	<b>1,074</b>	<b>48%</b>	<b>\$11.74</b>

**SLEDS is a partnership of:**



[http://www.mnp20.org/working\\_groups/longitudinal\\_data\\_system.html](http://www.mnp20.org/working_groups/longitudinal_data_system.html)