

# Higher Education & The Professions

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**February 11, 2013**



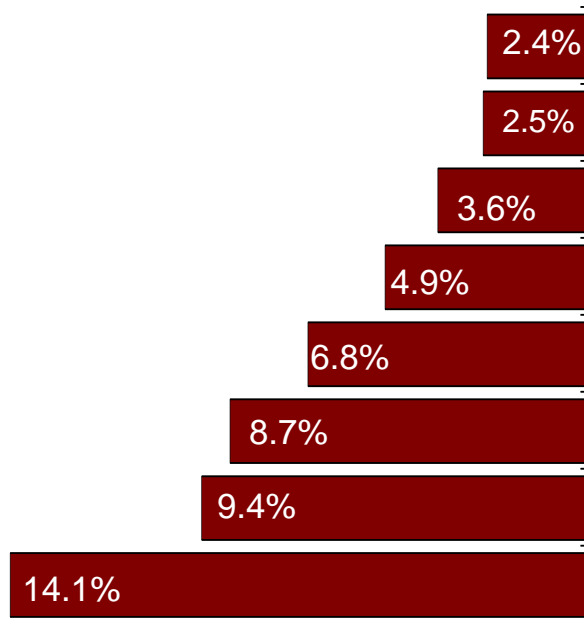
# Labor Market Has Become More Demanding

**A post-secondary education is the  
“Passport to the American Dream”**

- Of the projected 47 million job openings between 2009-2018, nearly two-thirds will require workers to have at least some post-secondary education – and experts say this percentage will only increase.
- 14 million job openings will go to people with an associate’s degree or occupational certificate and pay a significant premium over many jobs open to those with just a high school degree.

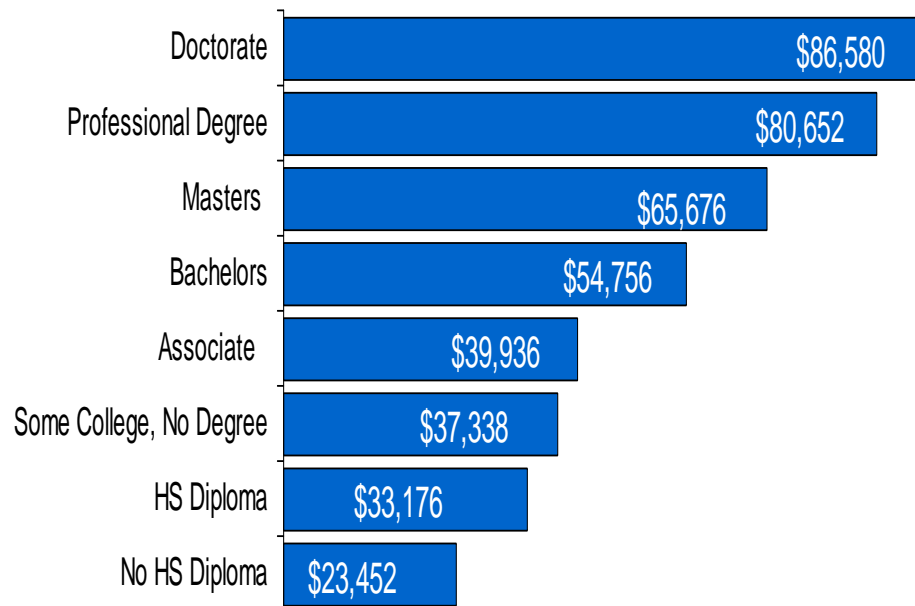
# Higher Education Has Never Mattered More

Unemployment Rate By Degree: 2011



Average 7.6%

Median Annual Earnings by Educational Degree: 2011



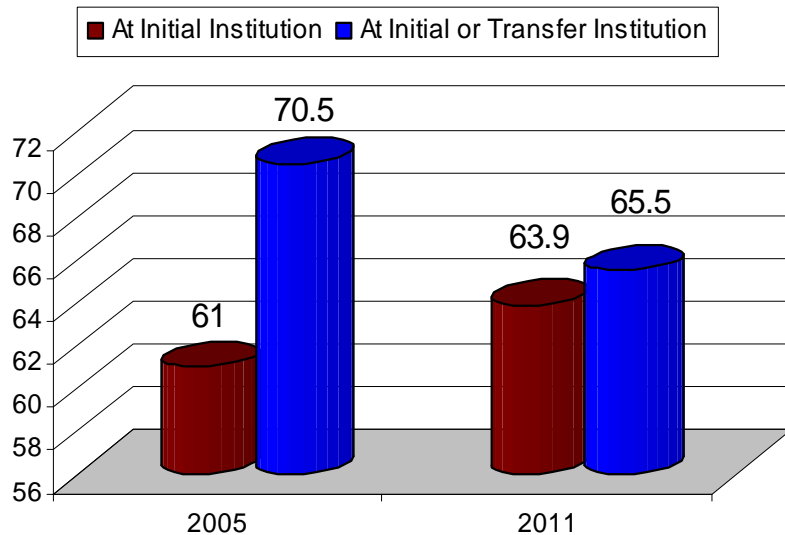
Average \$41,444

Education pays in higher overall earnings and lower unemployment rates.

# College Graduation Rates

## Bachelor's degrees showing mixed results

Six-Year College Graduation Rate:  
Percent of Full-time, First-time Entrants Earning  
Baccalaureate Degrees



1999  
Entry Cohort

2005  
Entry Cohort

Rising graduation rates consistently  
surpass U.S. average

### 6-Year Baccalaureate Graduation Rate At Initial Institution

	Black	Hispanic	All
2005	44%	45%	61%
2011	46%	52%	64%

### Students with Disabilities Enrollment

2005: 26,066

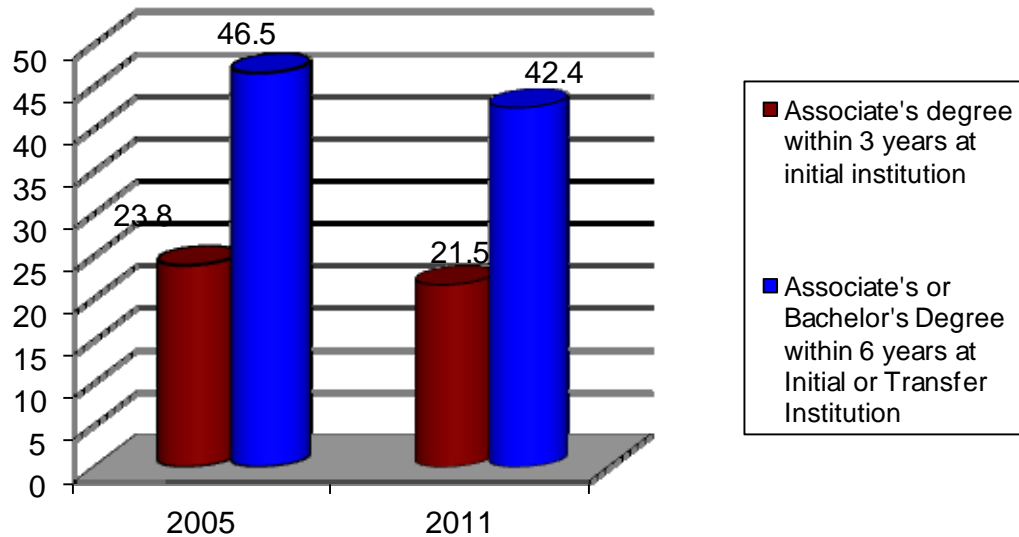
2011: 30,525

We can build on this record by improving college and career readiness

# College Graduation Rates

## Associate's degrees going in the wrong direction

College Graduation Rate  
of Full-time, First-time Entrants to  
Associate Programs



2002  
Entry Cohort

2008  
Entry Cohort

3-Year Associate Graduation Rate  
At Initial Institution

	Black	Hispanic	All
2005	15%	24%	24%
2011	15%	16%	22%

Students with Disabilities Enrollment

2005: 14,179

2011: 16,307

# Our Challenge:

## Graduating *All* Students College & Career Ready

New York's 4-year high school graduation rate is 74% for All Students  
However, the gaps are disturbing.

### June 2011 Graduation Rate

#### Graduation under Current Requirements

	% Graduating
<b>All Students</b>	74.0
American Indian	59.6
Asian/Pacific Islander	82.4
Black	58.4
Hispanic	58.0
White	85.1
English Language Learners	38.2
Students with Disabilities	44.6

#### Calculated College and Career Ready\*

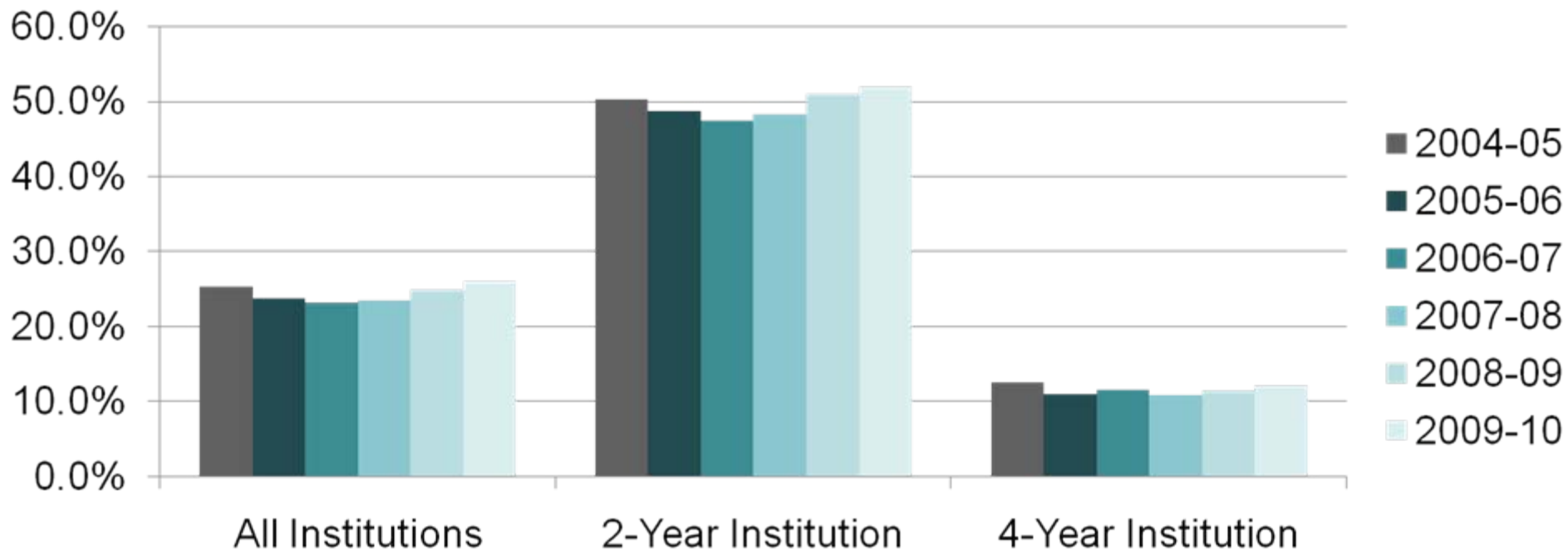
	% Graduating
<b>All Students</b>	34.7
American Indian	16.8
Asian/Pacific Islander	55.9
Black	11.5
Hispanic	14.5
White	48.1
English Language Learners	6.5
Students with Disabilities	4.4

\*Students graduating with at least a score of 75 on Regents English and 80 on a Math Regents, which correlates with success in first-year college courses.

# College Remediation in NYS

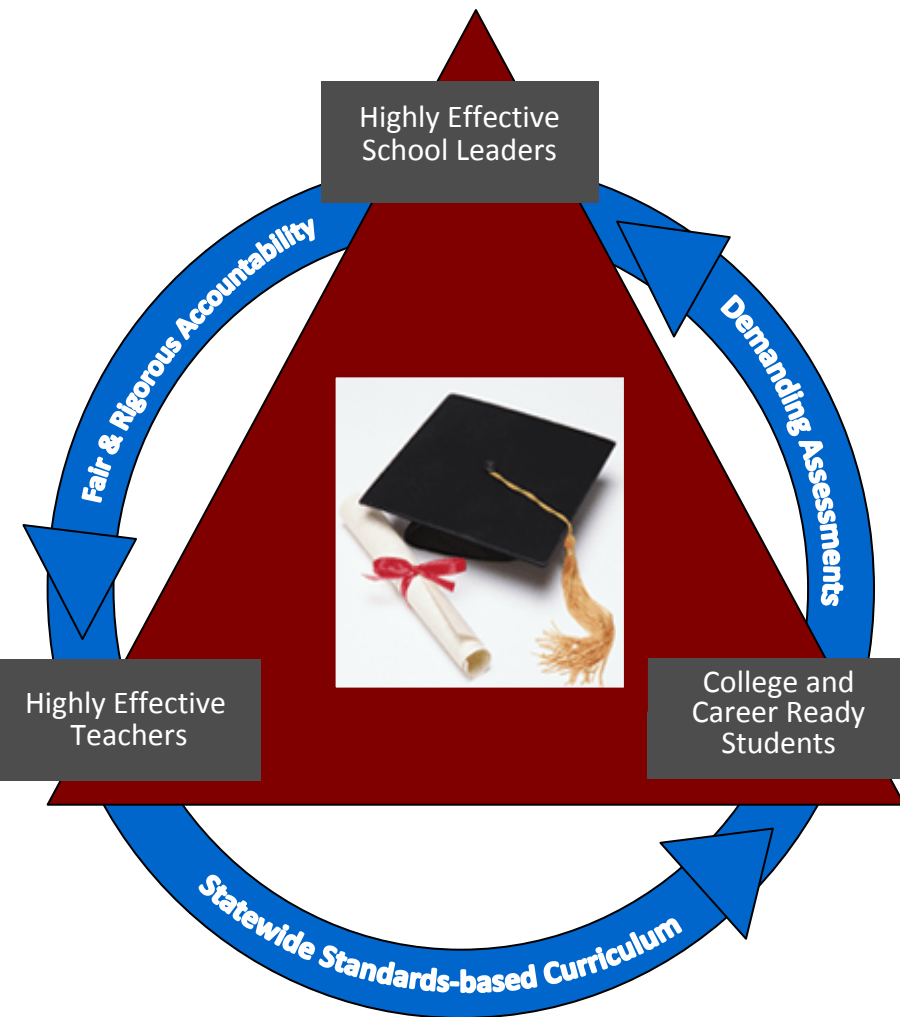
Over 50% of students in NYS two-year institutions of higher education take at least one remedial course.

## Remediation Rates for First-time, Full-time Undergraduates



Source: NYSED Administrative Data for all Public, Independent and Proprietary 2- and 4-year institutions of higher education

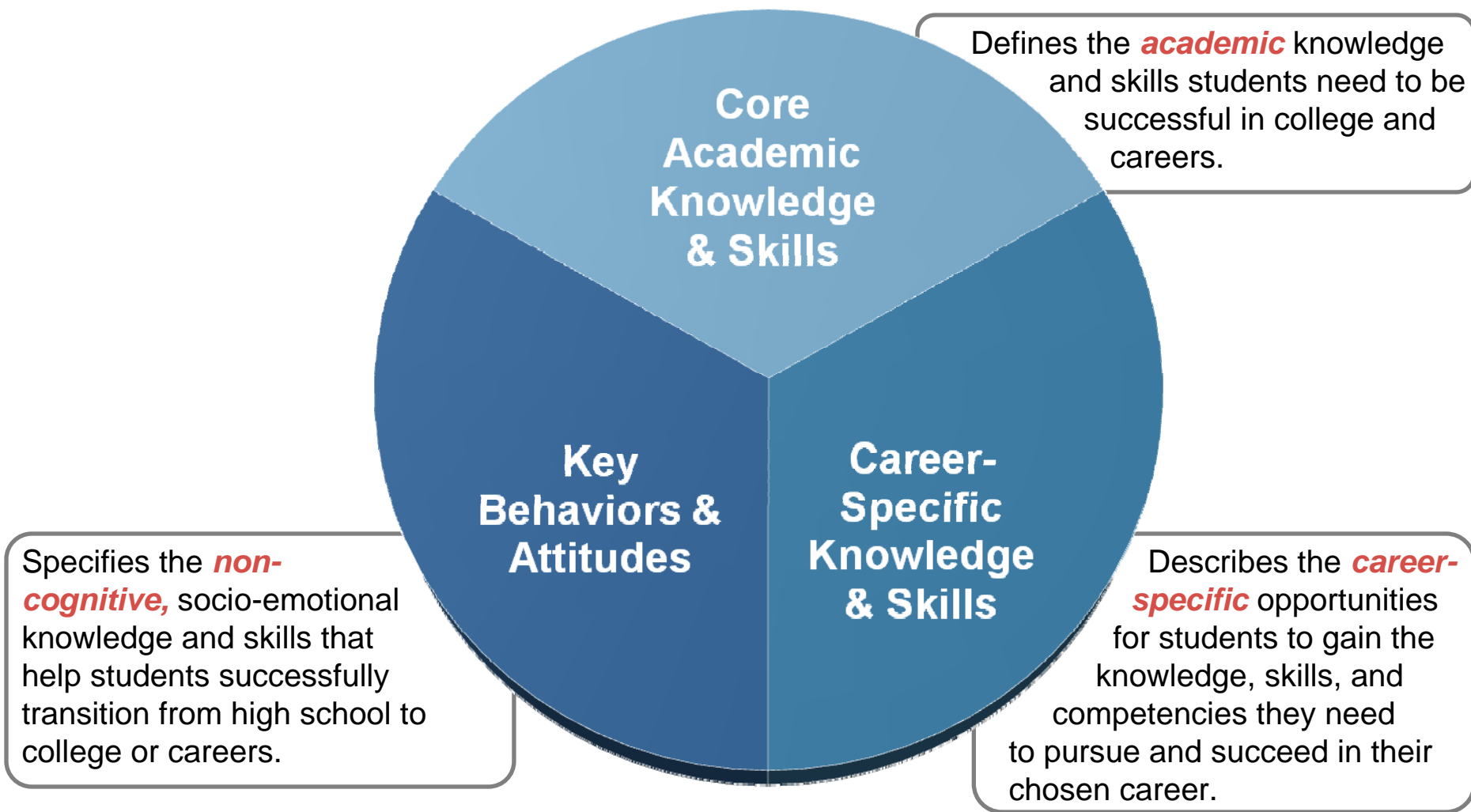
# Regents Reform Agenda



- Implementing **Common Core** standards and developing **curriculum and assessments** aligned to these standards to prepare students for success in college and the workplace.
- Building **instructional data systems** that measure student success and inform teacher and principals how they can improve their practice in real time.
- Recruiting, developing, retaining, and rewarding **effective teachers and principals**.
- Turning around the lowest-achieving schools.

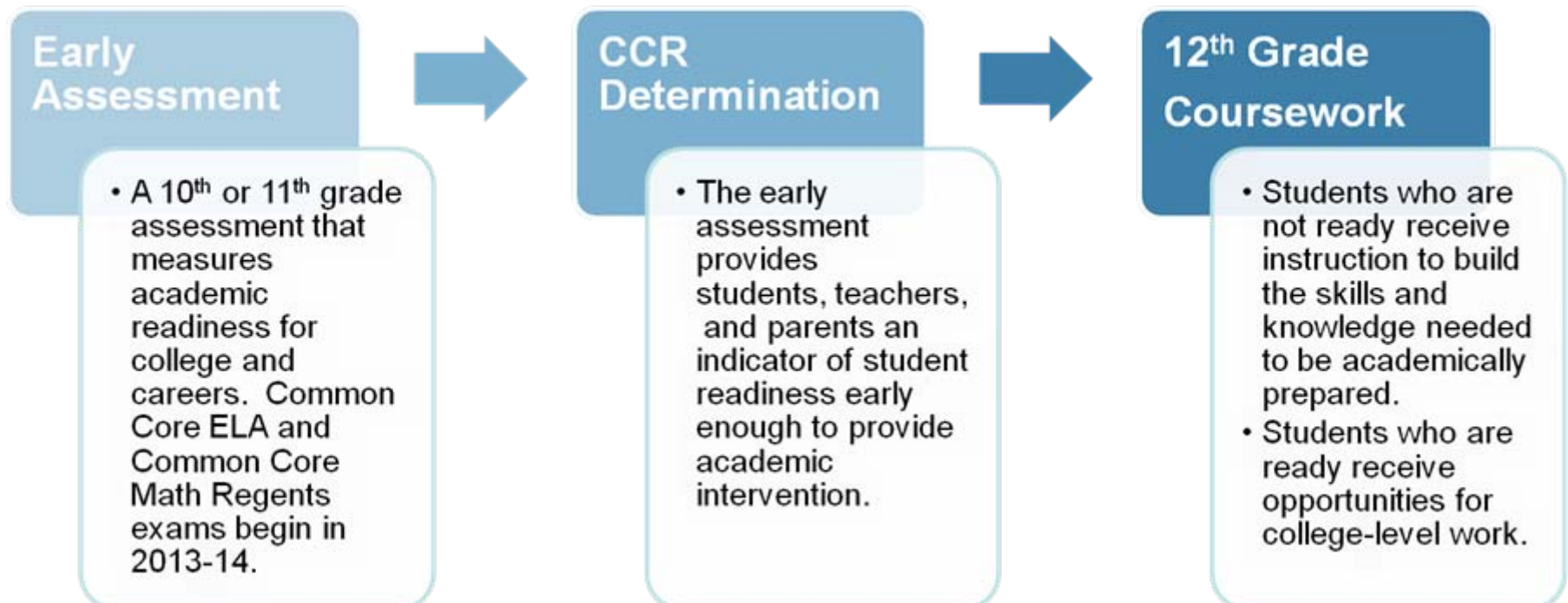


# Domains of College & Career Readiness



# Early Assessment Programs

- EAPs create a more coherent P-20 system with clear, aligned expectations and opportunities to identify and address gaps in readiness in the 12<sup>th</sup> grade.
- We are collaborating with SUNY and CUNY in the redesign of the Regents exams and development of a 12<sup>th</sup> grade transition course curriculum.



# Statewide Plan for Higher Education



## Strengthen Connections Between Higher Education and P-12

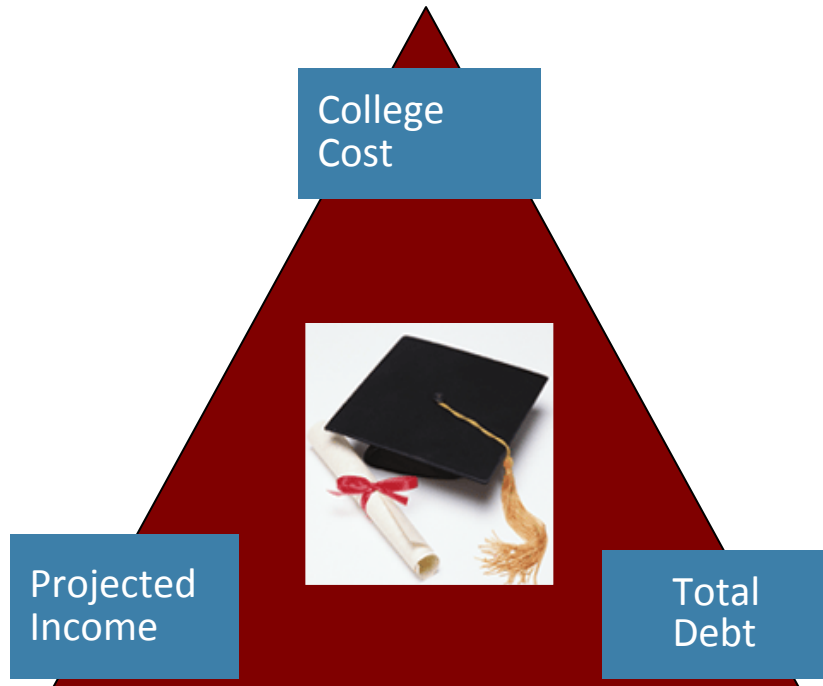
Encourage institutions of Higher Education to:

- Provide more access to college-level opportunities for high school students; and
- Collaborate with school districts to further the education of students prepared in CTE fields.

## Strengthen Connections Between Higher Education and the State's Communities and Businesses

- Identify realistic job opportunities for graduates
- Enhance communication and relationships with business and industry, and government to identify core skills and provide workplace opportunities and internships
- Strengthen partnerships with business, labor and other community organizations to publicize higher education opportunities and connections to careers
- Increase affordability by reducing costs without sacrificing the quality of education

# College Readiness and Affordability



- The Regents Statewide Plan for Higher Education focus on what students and families need to know before they make these financial decisions.
- College and career readiness includes having the tools to understand:
  - Total costs of college
  - Expected loan debt and payment terms
  - Employment options and projected income for a course of study

*According to the College Board, students are borrowing twice what they did a decade ago after adjusting for inflation.*

# Expand Access to Higher Education

## TAP for Early College High School Students

- Early College High Schools are an innovative strategy to increase access to post-secondary education for economically disadvantaged students
  - **Accelerate completion of high school coursework while earning transferable college credits**

## Education Equity for DREAMers Act

- Give undocumented students the opportunity to access higher education by making state financial aid available
  - **Our economic growth depends on a vibrant, well-educated workforce**
  - **Too many New Yorkers are denied the opportunity to get the education they need to fully participate in our economy**

# Access to High-Quality Online Learning

- Ensure that online learning opportunities are rigorous and prepare students to compete in the 21<sup>st</sup> Century global economy.
- Provide students and other consumers with information that helps them make informed choices.
- Request USED action to empower states to regulate online providers.



# Program Approval Process

- **Quality Assurance –**
  - Ensure that institutions have the resources and academic qualifications to support programs of study
- **Leverage Technology –**
  - SED has implemented electronic filing of program approval applications to provide enhanced communication between SED and institutions of higher education
- **Streamline the Process –**
  - SED revised the pre- and post-review processes to focus on key indicators of quality



# Raising the Bar for Teacher and Leader Preparation, Certification and Licensure

## New and Revised Assessments for Teacher Certification

Teacher Performance Assessment (edTPA)

Educating All Students

Academic Literacy Skills Test

Content Specialty Test

## New and Revised Assessments for School Building Leaders

School Building Leader Certification Examination – *including performance tasks and simulations*

Educating All Students



# Educator Preparation Program Reforms

\$10 million Race to the Top investment to support SUNY, CUNY and the Commission on Independent Colleges and Universities



- New Performance Assessments
- New Certification Examinations
- Integration of Common Core
- College and Career Readiness
- Clinically Rich Teacher and Leader Preparation
- Data Driven Instruction

# Licensed Professionals Serve and Protect the Public

## Access to Competent Professional Services

- Licensing is inextricably linked to education
- The professions are at the core of the state's economy
- Licensees must be qualified and competent to provide health, design, or business services - professional practice affects all New Yorkers

## Public Protection Through Professional Oversight And Discipline

- Hundreds of thousands of practice interpretations and clarifications
- Investigations and prosecutions across the state
- Implementation of Illegal Practice enforcement:
  - 2012 Illegal Practice Cases Opened: 226
  - 2012 Compliance Agreements: 55
  - 2012 Cease & Desist Orders: 15
  - Pending Criminal Cases: 99

*The number of professionals licensed in the 50 professions has steadily increased to more than 825,000, an increase of approximately 8% in the past 5 years.*

# Professions: 2012 Results

Operational Responsibility	2012
New licenses issued	45,804
Registrations processed	278,511
Pharmacies, manufacturers, re-packers & wholesalers registered	7,713
Pharmacy inspections conducted	1,121
Disciplinary investigations completed	4,514
Professional education programs reviewed	290
Individual reviews of non-traditional education	10,400
New filings for professional corporations	3,480
Candidates taking OP-developed licensing exams	2,744
Email/telephone inquiries answered	Over 1,000,000

# Enhanced and Modernized Customer Service

- Expanded communications with licensees and the public:
  - Respond to 1,000,000 + emails and telephone calls annually
  - More than 1,000 Frequently Asked Questions and Answers on the Web
- Use of on-line registration renewals is growing – rates are over 80% in many professions
- Implementing scanning system to replace paper files (1.3 million each year) with electronic files
- Dedicated resources from 2009 are being invested to support staff capacity and modernize technology as part of E-Licensing.



# Implementation of Critical New Laws

A number of new laws impacting the Professions were enacted in 2012 :

- Provide for the licensing of physician assistants and the continued registration of specialist assistants (*Chapter 48 Gottfried/Hannon*)
- Establish interpretation requirements for prescription drugs and standardized medication labeling (*Chapter 57 – Budget*)
- Authorize certain pharmacists to administer shingles immunizations (*Chapter 116 Paulin/Fuschillo*)
- Allow applicants for professional licensure to submit an affirmation in lieu of an oath (*Chapter 306 Glick/LaValle*)
- Expand the definition of the practice of podiatry (*Chapter 438 Pretlow/Libous*)
- Require Continuing Education for Occupational Therapists and Occupational Therapy Assistants (*Chapter 444 Canestrari/LaValle*)
- Allow a professional service corporation in good standing to convert to a design professional service corporation (*Chapter 467 Canestrari/LaValle*)
- Authorize the Department to issue a permit to qualified Perfusionists to enable them to perform, use and analyze the results from certain clinical lab tests (*Chapter 479 Magnarelli/DeFrancisco*)

# Enhanced Protection for Students in Degree-Granting Proprietary Schools

Non

Implementation of Proprietary School Oversight Legislation is Underway

## Scope of the Bureau of Proprietary School Supervision:

- More than 200,000 students
- Approximately 500 licensed schools, with an additional 125 schools awaiting licensure
- Between \$600 and \$750 million charged annually in tuition

## Increase Student Protection

- Provide resources to implement comprehensive oversight in this expanding sector
- Protect the Tuition Reimbursement Account
- Assist students when schools close - engage a “teach out” school more quickly

## Inform Consumers

- Enhance services to schools by providing on-line access to application processing and approvals
- Help consumers make sound educational decisions by providing on-line access to school status, teacher licensing, and curriculum information

## Enhance Oversight Capacity

- Update 25 year-old computer system to provide better monitoring
- Permit enhanced financial reviews and expand the use of investigative tools
- Establish candidate schools status, allowing schools to operate while coming into compliance

# More Higher Education Opportunities

## *2013-14 \$2M Budget Request*

### Expand NY's Higher Education Opportunity Program

**\$2.0 M**

Provide access to quality post-secondary institutions for disadvantaged student populations.



- HEOP is currently available at 55 independent colleges and institutions
- Currently supports over 4,600 underrepresented and disadvantaged students annually
- A recent analysis reported a 58% HEOP college graduation rate, compared with a 12% graduation rate for low-income students nationally



# Funding to Support Accountability

## *2013-14 \$2.5M Budget Request*

Development of new English language arts grade 9 and 10 exams	\$1.5M
Pilot Computer-Based Testing	\$500,000
Enhance Test Integrity through data forensics (e.g. erasure analysis)	\$500,000

The New York State testing program is critical to drive instructional improvement



- Key indicator of student progress towards meeting the NYS learning standards
- Key component of the accountability system
- Contributes as one of multiple measures to our evaluation of teacher and principal effectiveness
- A key measure of taxpayers' "return on investment"
- 5 exams required for Regents Diploma (English, Math, Science, Global History and Geography, US History and Government)
- 8 exams required for Regents Diploma with Advanced Designation.
- More than 2 million Regents exams taken annually
- Nearly 3 million grades 3-8 tests taken annually



# Deferred Action for Childhood Arrivals

## *2013-14 \$2M Budget Request*

**Build up existing infrastructure, enhance services, and leverage resources**      **\$2.0 M**

Provide educational services and support for DACA-eligible out-of-school youth and young adults in New York



- In June 2012, the federal government announced the Deferred Action for Childhood Arrivals (DACA) program to provide certain undocumented youth a pathway to secure US work authorization.
- Of the estimated 110,000 New Yorkers who are eligible, nearly 22,000 would need to enroll in adult basic education or high school equivalency preparation programs.
- The Department recommends creation of a DACA Transition Fund designed to provide educational services and support to eligible New Yorkers.

\* Batalova, Jeanne and Michelle Mittelstadt. Relief from Deportation: Demographic profile of DREAMers Potentially Eligible Under the Deferred Action Policy. Washington, DC: Migration Policy Institute, 2012.

# Tenured Teacher Hearings

*2013-14 \$9M Budget Request*

**Make overdue payments to Hearing Officers**

**\$9.0 M**

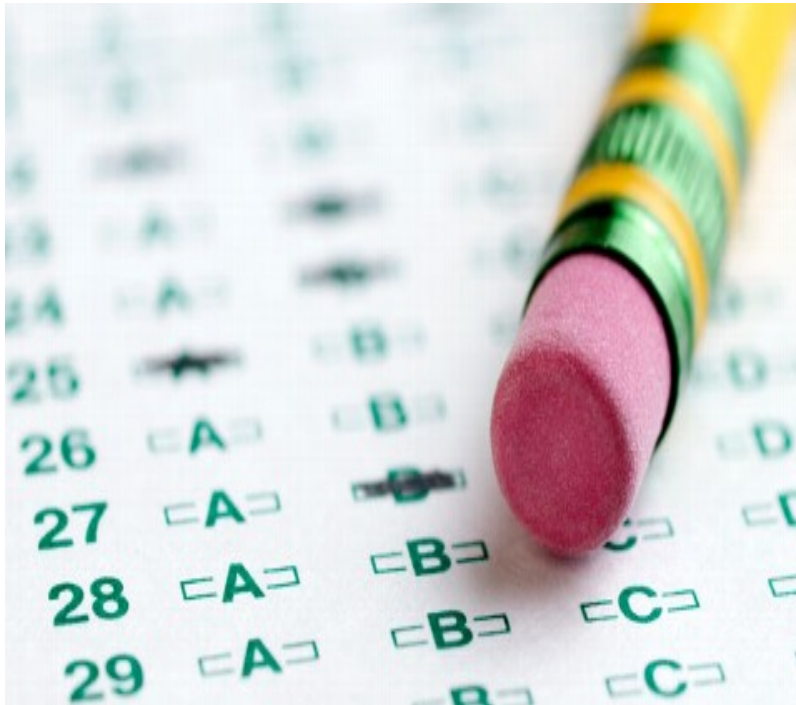
Fully-functioning tenured teacher hearing system is critical component of reform efforts



- Last year's budget included important reforms to the Tenured Teacher Hearing process governed by Section 3020-a of the Education Law, including a critical new payment mechanism.
- While the reforms will improve the efficiency of the system moving forward, the accumulated deficit was not addressed.
- As we move forward with the new, more rigorous APPR system, it will be even more critical to have quality and experienced hearing officers available and willing to take new cases.

# Multiple Pathways to High School Equivalency

Action will be needed in this budget to ensure that New Yorkers continue to have access to a High School Equivalency diploma



- Approximately 50,000 New Yorkers seek a high school equivalency (HSE) diploma each year by taking the GED®.
- Changes to the GED® test planned by GEDTS present serious challenges to those seeking a HSE diploma.
- Since the changes to the GED® were announced in 2011, SED has taken action to protect access and affordability, including:
  - **Issue an RFI to identify potential products and programs that might provide alternative pathways to a HSE diploma**
  - **Issue an RFP for development of a state-subsidized HSE exam**
  - **Continue leadership with national and state partners to seek alternatives**



# Thank You.

