



Legislative Planning Committee

July 16, 2015



All Students Graduate College, Career, and Life Ready

Goal 4: Students graduate ready for postsecondary and the workforce.

- Aligns with Governor Daugaard's ***South Dakota WINS*** goals to develop and attract a stronger, better educated workforce.
- K12 education plays a critical role in helping to prepare our youth after graduation.

Data

Public Schools	Grad Rate	ACT	Math Benchmark	English Benchmark	WorkKeys (NCRC)
2013	82.68%	22%	68.08%	76.64%	2055/91.7
2014	82.74%	21.9%	67.03%	75.30%	2624/92.8

Moving forward, the Board of Regents will be considering the new Smarter Balanced Assessment scores from 11th grade to determine the benchmarks for placement in lieu of the ACT.

Encouraging Rigor and Advanced Education Opportunities

- Advanced Placement 2014-15
 - 4,708 AP exams taken;
 - 2,756 students participating;
 - 3,185 AP exams with scores of 3, 4, or 5;
- Dual Credit 2014-15
 - 1,946 junior and senior students
 - 3,810 dual credit courses
 - 11,196.5 credits earned

Why Rigor Matters

- Students who take a minimum of four years of English and three or more years of math are more likely to meet the college readiness benchmark (CRB) and demonstrate better success in postsecondary.

		Meeting CRB	Meeting CRB	
Courses taken	#	English	Math	Composite
Core or More	5952	74%	55%	22.3%
Less than Core	688	54%	29%	19.6%
Missing	84	51%	19%	18.9%

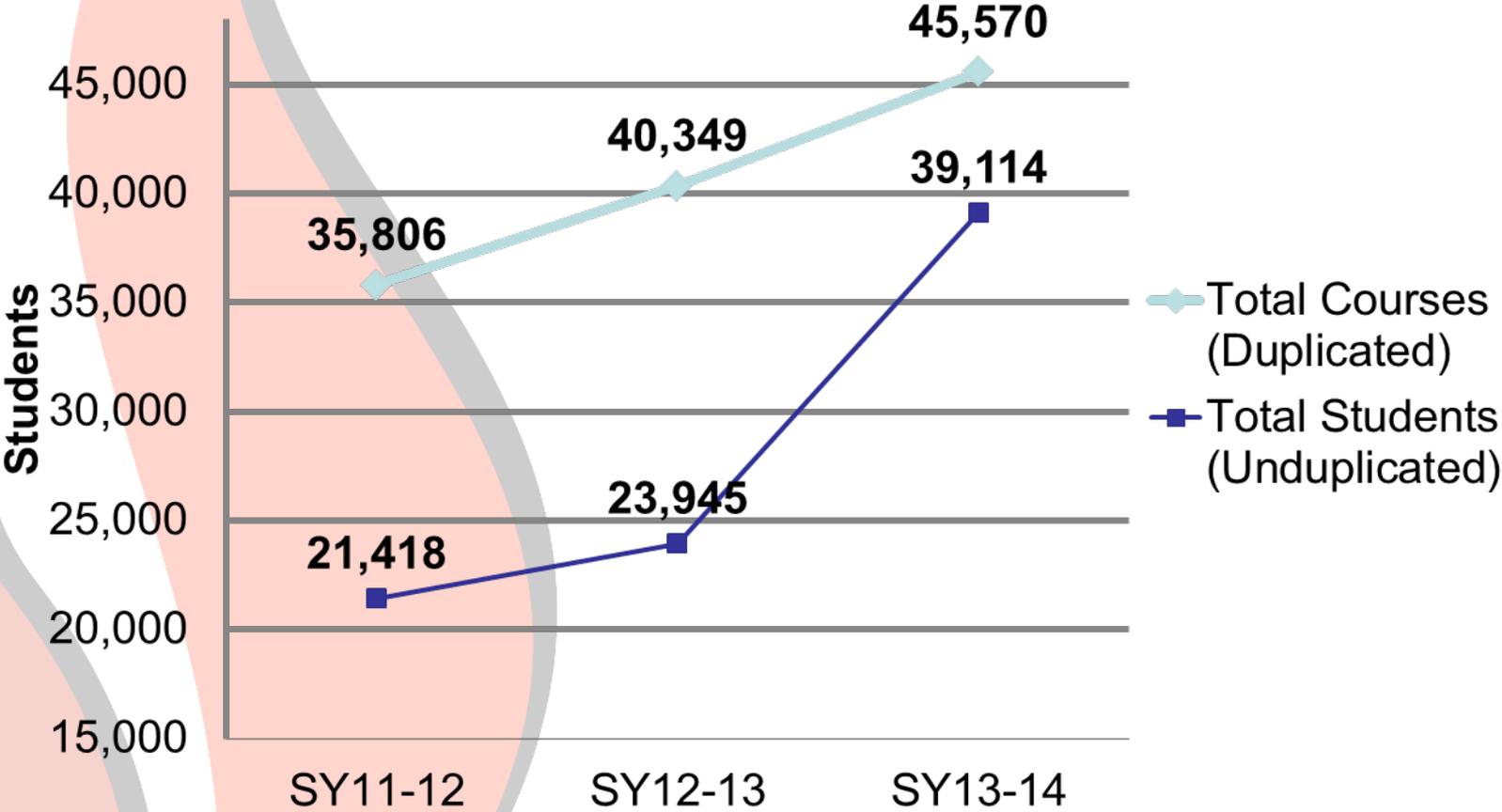
Why Rigor Matters

- Students who took dual-enrollment credit and/or advanced placement (AP) credit
 - achieve higher first-year grade point averages (GPAs) in post-secondary;
 - demonstrate higher rates of retention;
 - perform better on average in their first year of college; and
 - demonstrate higher rates of retention after their first year.

Why CTE Matters

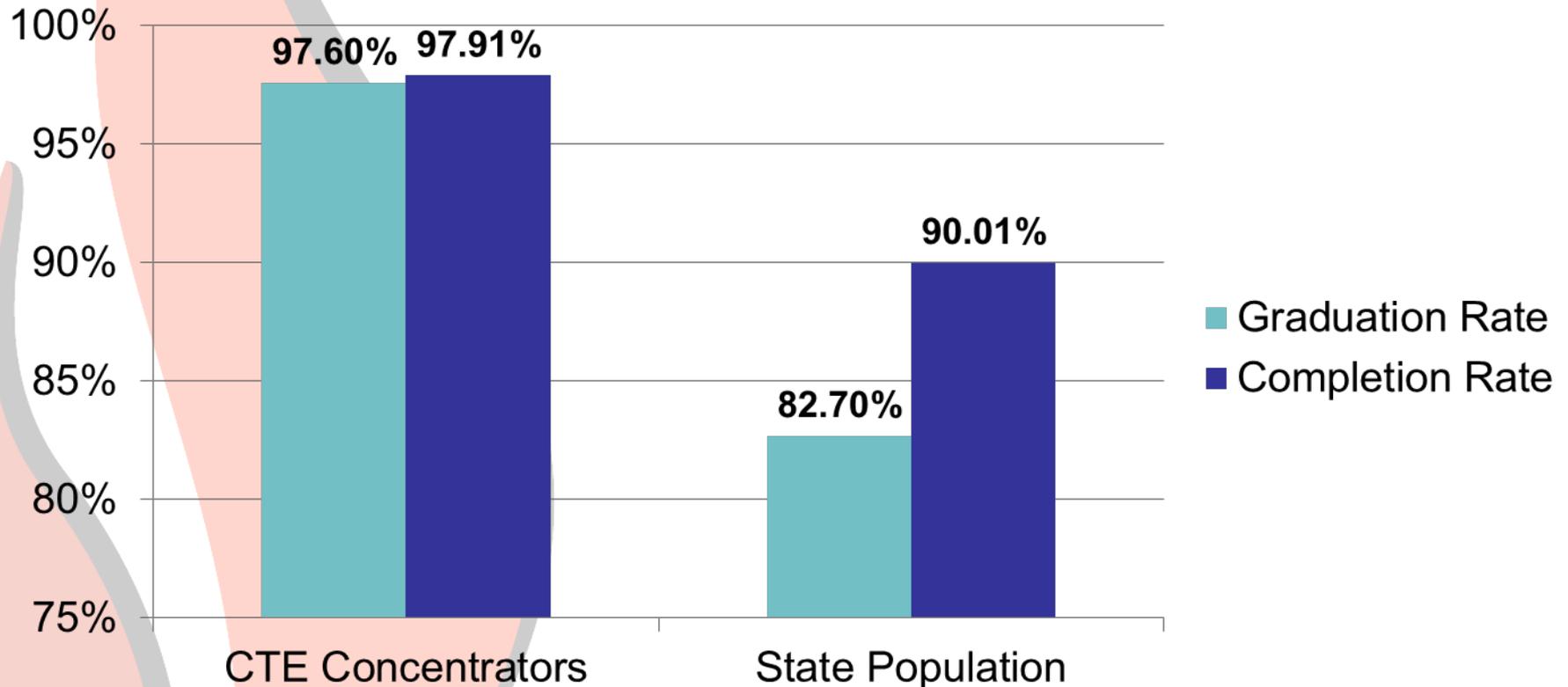
- Leads to increased graduation rates and post-secondary enrollment among dual enrollment of CTE students.
- Those who take more than two courses in a specific cluster tend to have higher graduation rates.
 - Called “concentrators”

CTE Participation



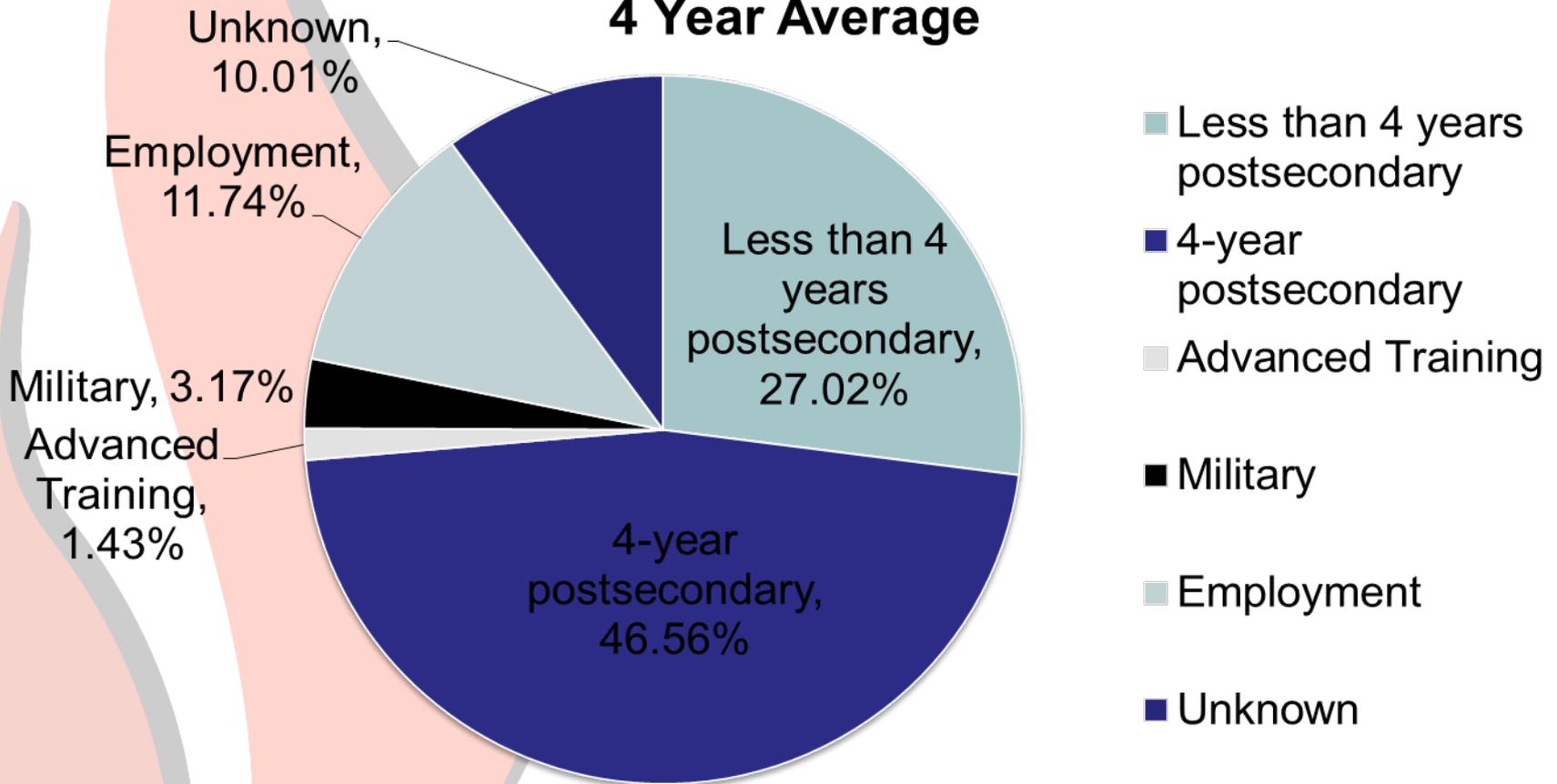
CTE Graduation Rates

2013-14 Average Graduation Rate



CTE Placement

13-14 CTE Placement Data 4 Year Average



Governor's Grants for CTE

- Awarded February 2014
- **Priorities:**
 - Regional Participation
 - Alignment to SD Workforce Needs
 - Partnerships with Local Businesses
 - Sustainability
 - Systems Approach
 - Cooperation with Postsecondary Institutions

Aberdeen School District

- \$2 million
- Construction of a new regional CTE facility
 - Doors open in Fall 2015.
- Projected 65% increase in student enrollments from surrounding school districts
- Signed agreement with Aberdeen Home Builders to construct a home for SY5-16 on-site

Burke School District

- \$581,044
- Purchased four mobile classrooms which rotate among local school districts each year
- Over 75% of the school's student body enrolled in a CTE course during SY14-15
- Partnered with Community Memorial Hospital to provide a part-time health science teacher

Madison Central School District

- \$376,808
- Expansion of health science, manufacturing, and transportation programs in collaboration with local businesses
- Gehl Manufacturing & Prostrollo Automotive dedicated staff time to instructing students in their own facilities
- Additional businesses continue to approach the district to offer similar opportunities to students

Meade School District

- \$189,967
- Expansion of manufacturing program in collaboration with local businesses and Western Dakota Technical Institute
- Students attend WDT one day a week and participate in a local internship the other four days
- Two students offered full-time employment mid-year as a result of the project

Mitchell School District

- \$1,240,228
- Renovation and expansion of regional career center in partnership with Mitchell Technical Institute
- Multiple opportunities for dual credit and industry certifications
- Projected 33% increase in student enrollments from surrounding school districts

Northeast Technical High School

- \$150,000
- Addition of a middle school STEM program and dual credit agriculture program in partnership with Lake Area Technical Institute
- New ag equipment purchased in partnership with LATI
- Middle school program provides introduction to high school STEM program

Northwest Area Schools

- \$830,800
- Replacement and renovation of mobile CTE classrooms that rotate among eight area school districts each semester
- Teachers collaborated with instructors at Western Dakota Technical Institute to align their curricula and offer concurrent credit

Rapid City Area Schools

- \$2 million
- Expansion of dual credit CTE courses through Western Dakota Technical Institute
- Staff from Western Dakota Technical Institute visited area schools to help students explore dual credit options
- Over 20 schools statewide enrolled students in courses

Sioux Falls School District

- \$768,454
- Addition of two classrooms at the CTE Academy to support increased student enrollments
 - Finance, Cybersecurity, & Health Science programs
- Construction will be completed by August 2015

Todd County School District

- \$103,560
- Updates to CTE curriculum and the addition of a middle school STEM program in partnership with the White River School District
- Nearly 500 middle school students participated in new STEM program
- Developed internship options based on economic study conducted by Sinte Gleska

Vermillion School District

- \$134,380
- Partnership with Builders Choice to expand the architecture and construction program
- Students built a mobile restroom unit that upon completion was sent to the oil fields in North Dakota
- Builders Choice employees inspected student work throughout construction process

Yankton School District

- \$280,325
- Expansion of health science & manufacturing programs through summer courses and Friday academies for area school districts with four-day school weeks
- 142 middle school students earned high school CTE credit through new Career Exploration end of course exam
- Area students earned CTE credit and dual credit through two-week summer manufacturing

Looking Ahead

- Grant schools will share instructional models at various conferences during SY15-16
- Regional CTE Specialists will continue to provide technical assistance to grant schools to grow programs and assist other districts in implementing similar models