



Consolidated Annual Report 2017

July 1, 2016 – June 30, 2017

ND STATE BOARD FOR CAREER AND TECHNICAL EDUCATION

Wayne Kutzer

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# NORTH DAKOTA STATE BOARD FOR CAREER AND TECHNICAL EDUCATION

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**In accordance with Title IX of the 1972 Education Amendments, Title VI of the Civil Rights Act of 1964, and Section 504 of the Rehabilitation Act of 1973, it is the policy of the North Dakota State Board for Career and Technical Education not to discriminate in its educational programs, activities, and employment policies.**

**Equal opportunity in education is a priority of the Board. In accordance with state and federal law, the Board policy does not advocate, permit, or practice discrimination on the basis of sex, race, color, national origin, religion, age, or disability.**

## **INTRODUCTION**

This performance report is for program year 2017 (July 1, 2016 – June 30, 2017), and outlines the accomplishments and benefits to individuals in North Dakota as a result of federal funding received from the Carl D. Perkins Career and Education Act of 2006 (PL 109-270). This report reflects direct accomplishments as a result of Perkins funding and does not include additional state and local funding.

This annual accountability report is submitted in compliance with the Perkins Act and is intended to provide information about the North Dakota Department of Career and Technical Education's success in meeting program goals, and to provide direction for future programs and activities in the state. It follows a prescribed format as required by the US Department of Education and is submitted as part of the State of North Dakota's annual Performance, Enrollment, Accountability, and Financial Status Report. Additional data has been included to fully describe each activity or program.

**Carl D. Perkins Vocational and Technical Education Act of 2006**  
**Consolidated Annual Report**  
**State of North Dakota**  
**Program Year 2016**  
**Narrative**

**I. Program Administration [Section 122 (c)]**

**a.) Report on State Administration (roles/responsibility)**

North Dakota's governing board for career and technical education is the State Board for Career and Technical Education. The responsible agency is the Department of Career and Technical Education. The agency head is Mr. Wayne Kutzer, who serves as State Director and as Executive Officer for the State Board. The State Board provides state plan oversight and fulfills reporting responsibilities.

The State Board for Career and Technical Education is responsible for administering career and technical education in North Dakota as required under Public Law 105-332. Reference to the "State Board" throughout this narrative refers to the official board. The State Board consists of nine members, six of whom are appointed by the Governor from each of the six judicial districts in the state. The other three members are required by state statute: the elected Superintendent of Public Instruction; the appointed Chancellor of Higher Education; and the appointed Executive Director of Job Service North Dakota.

The State Board does not conduct career and technical education programs directly. It works with public school districts, Bureau of Indian Affairs schools, tribally controlled colleges, state colleges, and other agencies that conduct career and technical education programs. The State Board's responsibilities include assistance in planning, assisting curriculum development and implementation, and evaluating CTE programs at the secondary and postsecondary level.

The State Board is responsible for the administration of programs; federal and state legislation; and the administration of funding made available from Congress and the state. Career and technical education consists of high-quality instructional programs requiring less than a bachelor's degree, which are designed to give individuals the skills to continue in further education and/or the job market.

A sound career and technical education program must be concerned with the academic and technical skills of students upon completion of the offering. The program must also recognize the needs of the individual on a more substantive level than just job skills. Mathematical and scientific proficiency, communication, decision making, learning to learn, and personal and occupational responsibility are equally critical skills that must be conveyed. Educating students in all aspects of their chosen industry and linking secondary and postsecondary education is also extremely important. All of these things are equally within the purview of career and technical education, and require an emphasis on the total education of the individual.

The uniqueness of career and technical education is in its capacity to not only prepare for further education or employment, but to enable individuals to develop the human "transformation and coping skills" essential to occupational mobility and personal success over a student's lifetime.

**b.) Report on State Leadership [Section 124]**

Administration is responsible for the development and implementation of the state plan. The North Dakota plan was submitted on April 1, 2008 and was approved by OVAE. This plan described the programs that would be carried out; the criteria that would be used in approving applications; how the programs would prepare students for opportunities; and how funds would be used to develop new CTE courses.

**Secondary/Postsecondary State Leadership Activities:**

Required Program Indicators	Activities
1R. Assessment of Career and Technical Education	<ul style="list-style-type: none"> <li>• Five year rotation cycle/five categories.</li> <li>• Online program questionnaire/evaluation system to determine alignment of program delivery with program standards for career and technical education: <a href="http://www.nd.gov/cte/services/program-eval">www.nd.gov/cte/services/program-eval</a></li> <li>• Online statewide accountability system: <a href="http://www.nd.gov/cte/services/accountability">http://www.nd.gov/cte/services/accountability</a></li> <li>• Online survey of team evaluation process.</li> <li>• On-site team evaluation.</li> <li>• Technical assistance.</li> <li>• State Board policy for enrollment/accountability data.</li> </ul>
2R. Developing, improving, and expanding the use of technology in career and technical education	<ul style="list-style-type: none"> <li>• Professional Development Conference: <a href="http://www.nd.gov/cte/pdc">www.nd.gov/cte/pdc</a></li> <li>• Virtual area career and technical centers.</li> <li>• Funding for delivery of CTE courses via distance learning.</li> <li>• Funding to update program equipment.</li> </ul>
3R. Professional Development	<ul style="list-style-type: none"> <li>• Professional Development Conference: <a href="http://www.nd.gov/cte/pdc">www.nd.gov/cte/pdc</a></li> <li>• Online coursework.</li> <li>• Transition to Teaching Program: <a href="http://www.nd.gov/cte/teacher-cert/transition-to-teaching.html">http://www.nd.gov/cte/teacher-cert/transition-to-teaching.html</a></li> <li>• Teacher training opportunities by service area.</li> </ul>
4R. Improve Academic, Career, and Technical Skills	<ul style="list-style-type: none"> <li>• Applied academics.</li> <li>• Standards and curriculum development.</li> <li>• Standards alignment with CTE and academics.</li> <li>• Curriculum enrichment.</li> <li>• Understanding by Design (UBD) cross-curricular implementation.</li> <li>• Dual credit.</li> <li>• Industry certification.</li> <li>• Career-Ready Practices</li> <li>• Common Career Technical Core</li> <li>• National standards implemented into service areas.</li> </ul>

5R. Nontraditional training	<ul style="list-style-type: none"> <li>• Incorporation of accountability data.</li> <li>• Mini-grants targeting nontraditional careers.</li> <li>• Nontraditional career fairs.</li> <li>• Private industry partnerships.</li> <li>• Website development.</li> <li>• Title IX workshops.</li> </ul>
6R. Supporting Partnerships	<ul style="list-style-type: none"> <li>• Articulation agreements</li> <li>• Job Service North Dakota</li> <li>• North Dakota University System</li> <li>• North Dakota Association of General Contractors (AGC)</li> <li>• Bank of North Dakota</li> <li>• Information Technology Council of North Dakota</li> <li>• North Dakota Career Resource Network: <a href="http://www.nd.gov/cte/crn">http://www.nd.gov/cte/crn</a></li> <li>• Workforce Development Council (WIOA)</li> <li>• Youth Development Council</li> <li>• State Commission on Community Service</li> </ul>
7R. State Institutions – Correctional Facilities	<ul style="list-style-type: none"> <li>• Technical assistance</li> <li>• Family and Consumer Sciences programs</li> <li>• Technology Education programs</li> <li>• Trade, Industry, Technical and Health Programs</li> </ul>
8R. Special Populations	<ul style="list-style-type: none"> <li>• Tutoring Programs</li> <li>• Basic Skills Programs</li> <li>• Career and Technical Resource Educators</li> <li>• <a href="http://www.nd.gov/cte/services/special-pops/">http://www.nd.gov/cte/services/special-pops/</a></li> </ul>
9R. Technical Assistance	<ul style="list-style-type: none"> <li>• <a href="http://www.nd.gov/cte">www.nd.gov/cte</a></li> <li>• Secondary/postsecondary</li> <li>• Program evaluation: five year direct rotation.</li> <li>• Single and multi-district consortia</li> </ul>

Permissible Indicators	Activities
1P. Improvement of career guidance	<ul style="list-style-type: none"> <li>• <a href="http://www.nd.gov/cte/programs/career-dev/">http://www.nd.gov/cte/programs/career-dev/</a></li> <li>• ND Career Resource Network: <a href="http://www.nd.gov/cte/crn">http://www.nd.gov/cte/crn</a></li> <li>• Adoption of 16 career clusters</li> <li>• Designed career cluster coursework</li> <li>• Developed programs of study and associated plans of study.</li> <li>• Career Advisors</li> </ul>
2P. Establishment of agreement between secondary and postsecondary	<ul style="list-style-type: none"> <li>• Articulation agreements</li> <li>• TechND Career Awareness and Coordination Project</li> <li>• CISCO</li> <li>• NATEF</li> <li>• NCCER</li> <li>• Health Careers/ HIPAA Certification</li> <li>• OSHA safety training</li> </ul>
4P. Student organizations	<ul style="list-style-type: none"> <li>• State CTSO advisors are agency staff.</li> <li>• CTSO Statewide Leadership Conference.</li> <li>• Support common statewide fiscal system.</li> <li>• Program standards.</li> <li>• <a href="http://www.nd.gov/cte/students/ctso.html">http://www.nd.gov/cte/students/ctso.html</a></li> </ul>
6P. Cooperative education	<ul style="list-style-type: none"> <li>• Component of all career and technical education programs.</li> </ul>
7P. Support for Family and Consumer Sciences	<ul style="list-style-type: none"> <li>• <a href="http://www.nd.gov/cte/programs/family-consumer-sciences/">http://www.nd.gov/cte/programs/family-consumer-sciences/</a></li> </ul>
9P. New Career and Technical Education Courses	<ul style="list-style-type: none"> <li>• Information Technology</li> <li>• Career clusters courses</li> <li>• Summer academies</li> <li>• Teacher training for new coursework</li> <li>• Website: <a href="http://www.nd.gov/cte">www.nd.gov/cte</a></li> <li>• Distance delivered welding and auto technology via two-way interactive video</li> <li>• Virtual delivery of CTE – online, ITV, area centers</li> </ul>
14P. Valid and reliable technical assessments	<ul style="list-style-type: none"> <li>• MBA Research Center</li> <li>• SkillsUSA</li> <li>• National Health Sciences</li> <li>• NATEF</li> <li>• CertiPort</li> </ul>
15P. Developing and enhancing data systems	<ul style="list-style-type: none"> <li>• State Automated Reporting System (STARS/ND Department of Public Instruction)</li> <li>• State Longitudinal Data System (SLDS)</li> </ul>
16P. Recruitment and retention of teachers	<ul style="list-style-type: none"> <li>• Transition to Teaching</li> <li>• Postsecondary clinical practice.</li> </ul>
17P. Supporting occupational and information resources	<ul style="list-style-type: none"> <li>• CRN</li> <li>• RUPReadyND – online career planning</li> <li>• Bank of North Dakota</li> </ul>

### **c.) Implications for Program Year 2017**

Implications for Program Year 2017 reflect continued priority issues concerning data, including Perkins IV data-related training:

- Focus on identifying and aligning standards in all CTE program areas, with emphasis on aligning academic standards in CTE instructional programs.
- Continued improvement of the data system that is in place, with additional focus on increasing communication and training for complete, accurate, valid and reliable data collection at the secondary and postsecondary level.
- Both secondary and postsecondary Perkins IV recipients need continual training related to core indicators, stating goals, identification of appropriate strategies, and measuring outcomes.
- Reassessment of secondary and postsecondary core indicator performance measures.
- New local Perkins coordinators/administrators must be provided with orientation and training sessions.
- Focus major training efforts on core indicators at spring and fall conferences.
- Work with the State Longitudinal Data System/Department of Public Instruction and local school administrators to integrate data collection systems by connecting local data entered into PowerSchool and the Department of Public Instruction's State Automated Reporting System (STARS). STARS is used as a primary source of data collection for CTE.

The State has funded the development of a State Longitudinal Data System (SLDS) to disseminate data reports among agencies. This system is undergoing the development of a reporting system that will improve Perkins accountability reporting.



## II. Progress in Developing and Implementing Technical Skills Assessments:

The student technical skills assessment measure used for this reporting year is a hybrid model. It uses nationally recognized end of program assessments, and when the assessment is not appropriate or available is based on student performance in CTE courses at the “C” (2.0) level or above. This is intended to ensure full coverage of the student population.

NDCTE has established guidelines for developing and implementing technical skills assessments for secondary education:

- Assessments will be given in spring of the program completion year, i.e. capstone.
  - Three week window as designated by program area.
- Concentrators who have completed an identified program of study will take the assessment.
  - Others may take the assessment, but we will only collect information on the “end of program” concentrators. This determination made by student enrollment in a particular (capstone) course.
- Program of study to be defined by each program area as a particular sequence of courses (pathway), i.e. FACS do designate 4 pathways.
- Assessments will be:
  - Based on content standards.
  - Online, and able to provide immediate feedback.
  - Optimally one period in length.
- Set level of proficiency for each assessment.

NDCTE secured funding through the state legislative process to defray the costs of skill assessments effective July 1, 2009. This funding was renewed for the 2017-2019 biennium.

The Department of Career and Technical Education is using an assessment in Marketing with materials and resources developed in conjunction with the MBA Research Center and based on industry validation.

The Trade and Industry program area has implemented assessments in all the areas for which they are available through SkillsUSA. Health Science is using assessment tests through National Consortium for Health Science Education.

In the area of Information Technology, NDCTE has signed an agreement with CertiPort to offer industry-recognized credentials that will be used to satisfy this accountability measure.

Postsecondary industry based technical assessments will be administered and the data collected. However, data will continue to be reported based on attainment in technical skills coursework.

Implementing technical skills assessments has been a more difficult challenge than anticipated. Many programs do not have technical skills assessments that meet the appropriate or available standard. Assessments are based upon industry standards as are state CTE standards and associated coordinated plans of study, but there tends to be differences in content between the two.

NDCTE endeavors to continue implementing technical skills assessments in more program areas.

### III. Program Performance

#### Secondary/Postsecondary

The North Dakota Department of Career and Technical Education administer Perkins IV implementation at the secondary and postsecondary level, as well as state-funded career and technical education programs.

The Department of Career and Technical Education is responsible for serving as liaison for local Perkins recipients, providing technical assistance in the planning, administration and implementation of local plans. Local education agencies have most of the direct implementation responsibilities for Perkins grants. However, the state has leadership responsibilities in our specific programmatic areas:

Agriculture Education  
Business Education  
Career Development  
Curriculum Development  
Diversified Occupations  
Education Equity  
Family & Consumer Sciences  
Information Technology  
Marketing Education  
Nontraditional Training  
Special Populations  
Technology & Engineering Education  
Trade, Industry & Health Sciences

(See also <http://www.nd.gov/cte/>)

#### Definitions:

To measure student performance and program effectiveness, student populations are defined as follows:

#### **Secondary level:**

<b>Participant:</b>	<i>A secondary student who has completed one (1) or more course(s) in any career and technical education program area.</i>
<b>Concentrator:</b>	<i>A secondary student who has earned two (2) or more credits in a single CTE program area recognized by the state (see above list)</i>

#### **Postsecondary/Adult level:**

<b>Participant:</b>	<i>A postsecondary/adult student who has earned one (1) or more credits in any CTE program area.</i>
<b>Concentrator:</b>	<i>A postsecondary/adult student who:</i> <ol style="list-style-type: none"><li><i>1. Completes at least 12 academic or CTE credits within a single program area sequence that is comprised of 12 or more academic/technical credits and culminates in the award of an industry-recognized credential, certificate, or degree or:</i></li><li><i>2. Completes a short-term CTE program sequence of less than 12 credit units that terminates in an industry-recognized credential, certificate, or degree.</i></li></ol>

**Enrollment Totals:**

**a.) Total Enrollment:**

POPULATION	NUMBER OF SECONDARY STUDENTS	NUMBER OF POSTSECONDARY STUDENTS
<b>GRAND TOTAL</b>	<b>21,076</b>	<b>10,293</b>
<b>GENDER</b>		
Female	10,114	4,496
Male	10,962	5,797
<b>RACE/ETHNICITY</b>		
American Indian or Alaska Native	1,445	1,110
Asian	354	88
Black or African American	906	547
Hispanic/Latino	780	349
Native Hawaiian/Pacific Islander	60	10
White	17,269	7,713
Two or More Races	262	301
Unknown/Other	0	173
<b>SPECIAL POPULATION AND OTHER STUDENT CATEGORIES</b>		
Individuals with Disabilities (ADA)	0	229
Disability Status (ESEA/IDEA)	2,954	0
Economically Disadvantaged	6,151	2,627
Single Parents	0	342
Displaced Homemakers	0	229
Limited English	419	229
Migrant	42	0
Nontraditional Enrollees	8,444	3,720

**Enrollment for Career and Technical Education is identified by "Career Cluster":**

- |                                 |                            |  |
|---------------------------------|----------------------------|--|
| 1 Agriculture/Natural Resources | 6 Finance                  | 11 Information Technology                                |
| 2 Architecture/Construction     | 7 Government/Public Admin. | 12 Law/Public Safety & Security                          |
| 3 Arts/Audio Video Tech/Comm.   | 8 Health Sciences          | 13 Manufacturing   |
| 4 Business/Administration       | 9 Hospitality/Tourism      | 14 Marketing/Sales & Service                             |
| 5 Education/Training            | 10 Human Services          | 15 STEM (Science, Technology, Engineering & Mathematics) |
|                                 |                            | 16 Transportation, Distribution & Logistics              |

**Enrollment of CTE Concentrators:**

POPULATION/ CLUSTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	TOTAL
<b>SECONDARY</b>																	
Female	223	15	22	279	31	124	0	477	36	1,202	66	0	25	156	67	44	2,767
Male	589	216	41	403	5	199	0	112	41	602	161	0	260	218	400	762	4,009
<b>TOTAL</b>	<b>812</b>	<b>231</b>	<b>63</b>	<b>682</b>	<b>36</b>	<b>323</b>	<b>0</b>	<b>589</b>	<b>77</b>	<b>1,804</b>	<b>227</b>	<b>0</b>	<b>285</b>	<b>374</b>	<b>467</b>	<b>806</b>	<b>6,776</b>
<b>POSTSECONDARY</b>																	
Female	94	13	68	374	61	0	0	1,255	32	77	55	93	116	7	13	20	2,278
Male	455	331	41	229	21	0	0	153	34	8	243	124	1,164	10	62	427	3,302
<b>TOTAL</b>	<b>549</b>	<b>344</b>	<b>109</b>	<b>603</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>1,408</b>	<b>66</b>	<b>85</b>	<b>298</b>	<b>217</b>	<b>1,280</b>	<b>17</b>	<b>75</b>	<b>447</b>	<b>5,580</b>
<b>GRAND TOTAL</b>	<b>1,361</b>	<b>575</b>	<b>172</b>	<b>1,285</b>	<b>118</b>	<b>323</b>	<b>0</b>	<b>1,997</b>	<b>143</b>	<b>1,889</b>	<b>525</b>	<b>217</b>	<b>1,565</b>	<b>391</b>	<b>542</b>	<b>1,253</b>	<b>12,356</b>

#### IV. State Performance Summary

Listed are the statewide percentages and adjusted performance levels agreed upon by the state and the US Department of Education’s Office of Career, Technical, and Adult Education. The adjusted performance levels are incorporated into the State Plan as a condition of approval pursuant to section 113(b)(3)(A)(v) or the Carl D. Perkins Career and Technical Education Act of 2006, 20 USC 2301 et. seq. as amended by Public Law 109-270.

For the tables below, concentrators are reported based on the definitions of concentrators described above; however, the methodology differs. For secondary, concentrators are measured as a cohort with exiting seniors reported as CTE concentrators. For postsecondary, concentrators are not treated as a cohort. Instead, the numbers are a reflection of the postsecondary students meeting the definition of a concentrator and being actively enrolled in a CTE postsecondary program during the reporting year.

#### Secondary Performance Levels:

Indicator	Definition	Adjusted Performance Level	Actual Performance Level	Actual vs. Adjusted	Met 90% Target
1S1: Academic Attainment – Reading/ Language Arts	<p><b>Numerator:</b> Number of CTE concentrators who have met the proficient or advanced level on the statewide high school reading/language arts assessment administered by the State under Section 111(b) (3) of the Elementary and Secondary Education Act (ESEA), as amended by No Child Left Behind, as based on the scores that were included in the State’s computation of adequate yearly progress (AYP), and who left secondary education during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who took the ESEA assessments in reading/language arts whose scores were included in the State’s computation of AYP and who left secondary education during the reporting year.</p>	55.00%	51.96% 1,471/2,831	-3.04%	Yes
1S2: Academic Attainment – Mathematics	<p><b>Numerator:</b> Number of CTE concentrators who have met the proficient or advanced level on the statewide high school mathematics assessment administered by the State under Section 111(b) (3) of the Elementary and Secondary Education Act (ESEA), as amended by the No Child Left Behind Act, as based on the scores that were included in the State’s computation of adequate yearly progress (AYP), and who left secondary education during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who took the ESEA assessments in mathematics whose scores were included in the State’s computation of AYP and who left secondary education during the reporting year.</p>	37.00%	35.11% 993/2,828	-1.89%	Yes
2S1: Technical Skills Attainment	<p><b>Numerator:</b> Number of CTE concentrators who passed technical skill assessments as aligned with industry-recognized standards, if available and appropriate, during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who took technical skills assessments during the reporting year.</p>	89.00%	95.26% 2,775/2,913	+6.26%	Yes

Indicator	Definition	Adjusted Performance Level	Actual Performance Level	Actual vs. Adjusted	Met 90% Target
3S1: School Completion	<p><b>Numerator:</b> Number of CTE concentrators who earned a regular secondary school diploma, a General Education Development (GED) credential, or other state-recognized equivalent (including recognized alternative standards for individuals with disabilities), or who earned a proficiency credential, certificate or degree in conjunction with a secondary school diploma during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who left secondary education during the reporting year.</p>	99.00%	99.31% 2,896/2,916	+0.31%	Yes
4S1: Student Graduation Rates	<p><b>Numerator:</b> Number of CTE concentrators in the current reporting year who were included as graduated in the State's computation of its graduation rate as described in Section 1111(b)(2)(C)(vi) of the ESEA.</p> <p><b>Denominator:</b> Number of CTE concentrators in the current reporting year who were included as graduated in the State's computation of its graduation rate as defined in the State's Consolidated Accountability Plan pursuant to Section 1111(b)(2)(C)(vi) of the ESEA.</p>	95.75%	95.61% 2,878/3,010	-0.14%	Yes
5S1: Placement	<p><b>Numerator:</b> Number of CTE concentrators who left secondary education and were placed in postsecondary education or advanced training; in military service; or into employment in the second quarter following the program year in which they left secondary education (i.e. unduplicated placement status for CTE concentrators who graduated by June 30, 2014 would be assessed between October 1, 2013 and December 31, 2014).</p> <p><b>Denominator:</b> Number of CTE concentrators who left secondary education during the reporting year.</p>	68.00%	78.04% 2,200/2,819	+10.04%	Yes
6S1: Nontraditional Participation	<p><b>Numerator:</b> Number of CTE participants from underrepresented gender groups who participated in a program leading to employment in nontraditional fields during the reporting year.</p> <p><b>Denominator:</b> Number of CTE participants who participated in a program leading to employment in nontraditional fields during the reporting year.</p>	21.75%	21.11% 536/2,539	-0.64%	Yes
6S2: Nontraditional Completion	<p><b>Numerator:</b> Number of CTE concentrators from underrepresented gender groups who completed a program leading to employment in nontraditional fields during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who completed a program leading to employment in nontraditional fields during the reporting year.</p>	16.80%	17.38% 330/1,899	+0.58%	Yes

### **Implementation of State Program Improvement Plans:**

Four performance measures - 2S1 – Technical Skills Attainment, 3S1 – School Completion, 5S1 – Placement, and 6S2 – Nontraditional Completion, all exceeded the targets.

Four performance measure - 1S1 – Academic Achievement - Reading Language Arts, 1S2 – Academic Achievement Mathematics, 3S1 – School Completion, 4S1 – Student Graduation Rate, and 6S1 - Nontraditional Participation placement met the 90% Agreed-Upon Level of Performance. As such no improvement plans are necessary.

NDCTE administration will continue to work with the Department of Public Instruction (DPI) to incorporate the data reported to the Department of Education, paying particular attention to students within CTE programs and working toward continuous improvement in collection and reporting.

NDCTE will continue to be involved in the Joint Boards/ESSA Planning Committee and ESSA Implementation Committee, a joint effort of the North Dakota University System; the Department of Career and Technical Education; the Department of Public Instruction; and the Education Standards and Practices Board. Participation in the Joint Board has strengthened CTE's role in alignment and integration of academic standards.

### **Implementation of Local Program Improvement Plans:**

There are 36 secondary Perkins Eligible Recipients in the form of Perkins Consortiums (26) or single school districts (10) that receive Perkins funding. For each eligible recipient, targets were set for the eight performance measures based upon baseline performance in FY 2008. These targets were communicated to the eligible recipient in the form of a Local Final Agreed Upon Performance Level document, which was signed and returned as part of the annual plan.

All eligible recipients are notified of their performance results, with those falling below standard marked for improvement. Local program improvement plans are required for those deficient in a performance area, outlining local steps to be taken and/or the need for state assistance to improve performance. Should the eligible recipient not achieve performance levels for three consecutive reporting periods, the state requires eligible recipients to direct funds toward areas of deficiency.

Because of the relatively small population of students within North Dakota and within the total pool of eligible recipients, large fluctuations in percentages can occur locally from year to year. We would expect that many eligible recipients that missed the 90% adjusted target may achieve that level in subsequent years, with others falling below the 90% adjusted target due to the assessment outcomes of a handful of students – or in a number of cases, one student – within the eligible recipient pool.

### **Results:**

1S1 – Academic Achievement – Reading/Language Arts - five schools/consortiums failed to meet the 90% adjusted performance level this year. There are three schools that have failed the measure for the past three years therefore schools/consortiums will be placed on an improvement plan.

1S2 – Academic Attainment – Mathematics, nine school/consortiums failed to meet 90% of the adjusted performance level in the current reporting year. One school has failed to meet the 90% adjusted performance target for mathematics for the last three consecutive years.

For measure 2S1 – Technical Skills Attainment, no school/consortium has fallen below the 90% target.

For measure 3S1 – Student Completion, one school failed to meet 90% of the adjusted performance level in the current reporting year. This school has not failed the measure for the past three years therefore this school will not be placed on an improvement plan.

For measure 4S1 – Student Graduation Rate, one school has fallen below the 90% target. This school has not failed the measure for the past three years therefore this school will not be placed on an improvement plan.

For measure 5S1 – Placement, no schools/consortiums have fallen below the 90% target.

For measure 6S1 – Nontraditional Participation, five schools/consortiums failed to meet 90% of the adjusted performance level in the current reporting year. There are three schools that have failed the measure for the past three years therefore schools/consortiums will be placed on an improvement plan.

For measure 6S2 – Nontraditional Completion, seven schools/consortiums failed to meet 90% of the adjusted performance level in the current reporting year. Three schools have failed the measure for the past three years therefore those schools will be placed on an improvement plan.

**Postsecondary Performance Levels:**

Indicator	Definition	Adjusted Performance Level	Actual Performance Level	Actual vs. Adjusted	Met 90% Target
1P1: Technical Skill Attainment	<p><b>Numerator:</b> Number of CTE concentrators who passed technical skill assessments that are aligned with industry-recognized standards, if available and appropriate, during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who took technical skill assessments during the reporting year.</p>	84.50%	85.69% 3,792/4,425	+1.19%	Yes
2P1: Credential, Certificate, Degree	<p><b>Numerator:</b> Number of CTE concentrators who received an industry-recognized credential, a certificate, or a degree during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who left postsecondary education during the reporting year.</p>	47.00%	45.29% 1,741/3,844	-1.71%	Yes
3P1: Student Retention/ Transfer	<p><b>Numerator:</b> Number of CTE concentrators who remained enrolled in their original postsecondary institution or transferred to another 2 or 4 year postsecondary institution during the reporting year and who were enrolled in postsecondary education in the fall of the previous reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who were enrolled in postsecondary education in the fall of the previous reporting year and who did not earn an industry-recognized credential, a certificate, or a degree in the previous reporting year.</p>	72.00%	43.52% 1,592/3,658	-28.48%	No
4P1: Student Placement	<p><b>Numerator:</b> Number of CTE concentrators who were placed or retained in employment, or placed in military service or apprenticeship programs in the second quarter following the program year in which they left postsecondary education (i.e. unduplicated placement status for CTE concentrators who graduated by June 30, 2014 would be assessed between October 1, 2014 and December 31, 2014.)</p> <p><b>Denominator:</b> Number of CTE concentrators who earned a credential, certificate, or degree.</p>	70.00%	98.39% 1,713/1,741	+28.39%	Yes
5P1: Nontraditional Participation	<p><b>Numerator:</b> Number of CTE participants from underrepresented gender groups who participated in a program leading to employment in nontraditional fields during the reporting year.</p> <p><b>Denominator:</b> Number of CTE participants who participated in a program leading to employment in nontraditional fields during the reporting year.</p>	20.00%	16.78% 1,485/8,851	-3.32%	No
5P2: Nontraditional Completion	<p><b>Numerator:</b> Number of CTE concentrators from underrepresented gender groups who completed a program leading to employment in nontraditional fields during the reporting year.</p> <p><b>Denominator:</b> Number of CTE concentrators who completed a program leading to employment in nontraditional fields during the reporting year.</p>	12.50%	12.98% 226/1,741	+0.48%	Yes



### **Implementation of State Program Improvement Plans:**

The North Dakota Department of Career and Technical Education exceeded the achievement levels for three performance measures - 1P1: Completion, 4P1 Student Placement, Nontraditional Completion and 5P2: Nontraditional Completion all exceeded the targets

2P1: Credential Attainment met the 90% Agreed-Upon Level of Performance. As such no improvement plans are necessary.

3P1: Student Retention or Transfer and 5P1: Nontraditional Participation did not meet the 90% Agreed-Upon Level of Performance. The Perkins IV requires each state that fails to meet at least 90 percent of the agreed upon State adjusted level performance for any of the core indicators to develop and implement a program improvement plan.

NDCTE is more extensively using National Student Clearinghouse records to track out of state transfers. The data received provides a more complete picture of transfer and retention of postsecondary students to public and private institutions within the state, as well as capturing many students who continue postsecondary education at an out of state institution.

### **Implementation of Local Program Improvement Plans:**

There are eight postsecondary Perkins Eligible Recipients, one is in the form of a Perkins Consortium that receives Perkins Act Funding. For each eligible recipient, targets were set for the six performance measures based upon baseline performance in FY 2008.

Eligible recipients are notified of their performance results, with those falling below the standard marked for improvement. A technical assistant is assigned to each eligible recipient and reviews the results with that recipient. Local program improvement plans are required for those deficient in a performance area. These plans must outline local steps to be taken or a need for state assistance to improve performance. Should the eligible recipient not achieve performance levels for three consecutive reporting periods, the state requires eligible recipients to direct funds toward areas of deficiency.

### **Results:**

#### **Process of calculating the individual institution/consortium results.**

For 1P1: Technical Skill Attainment, all but one exceeded their individual performance goal. This institution has not failed the measure for the past three years therefore no improvement plans are necessary

For 2P1: Credential, Certificate or Degree, two did not make their individual performance goal. There is one institution that has failed the measure for the past three years therefore improvement plans are necessary

For 3P1: Student Retention or Transfer, seven did not make their individual performance goal. There is one institution that has failed the measure for the past three years therefore improvement plans are necessary.

For 4P1: Student Placement, all met or exceeded their individual performance goal.

For 5P1: Nontraditional Participation, two did not make their individual performance goal. There are no institutions that have failed the measure for the past three years therefore no improvement plans are necessary.

For 5P2: Nontraditional Completion, one did not make their individual performance goal. This institution has not failed the measure for the past three years therefore improvement plans are necessary.