

## Perkins Accountability Definitions

### *Student Definitions*

**Participant:** A secondary student who has enrolled in any career and technical education program.

**Concentrator:** Students in grades 9-12 who have earned two (2) Carnegie units credits in a single CTE Cluster program area. *NOTE:* The term “completer” is not used in the Perkins IV legislation.

### **Special Population Definitions:**

<b>Single parent:</b>	A pregnant or parenting student (female or male)
<b>Disabled student:</b>	A student on an Individualized Education Plan (IEP)
<b>Economically disadvantaged student:</b>	A student on free or reduced lunch under the National School Lunch Act.
<b>Limited English Proficiency:</b>	A student whose native language is not English and who has difficulty speaking, reading, writing, or understanding English.

### *Course Definitions*

**Foundational Course:** A course that could apply across all 16 clusters. Courses include:

- *Career Exploration (80023)*
- *Computer Applications (10004)*
- *Employability/Careers (22152)*
- *Foundations of CTE (22150)*
- *Personal Finance (22210)*
- *Service Learning (22104)*

**Cluster Course:** A course in which skills taught are applicable to all pathways within that cluster.

Examples include:

- *Agriculture, Food and Natural Resources: Introduction to Agriculture, Food & Natural Resources*
- *Human Services Cluster: Human Development – Prenatal through Toddlers*
- *Manufacturing Cluster: Introduction to Manufacturing*

**Pathway Course:** A course in which skills taught are applicable to the specific pathway within that cluster. Examples include:

- *Arts, A/V Technology and Communications Cluster: Broadcast Technology*
- *Finance Cluster: Risk Management and Insurance*
- *STEM: Biotechnical Engineering*

**Academic Course:** A course that supports either a pathway course or a cluster course. Higher level academic courses are highly recommended. Examples include:

- *Agriculture, Food, and Natural Resources: Biology*
- *Architecture and Construction: Geometry*
- *Health Science: AP Chemistry*

**Capstone Course:** These courses are culminating course(s) within a program of study.

Courses include:

- *Entrepreneurship Experience (80026)*
- *Senior Experience (80019)*
- *Youth Internships (80018)*

**Assignment Code:** A specific code assigned to identify a course, tied to a teacher’s certification.

School districts enter the numbers in the Personnel Record Form (PRF) system.

### *Core Indicators of Performance (Standards & Measures)*

The accountability measures in the Perkins IV legislation demonstrate levels of achievement in six areas:

Measure	Definition	Formula
<b>Academic Attainment Reading/ Language Arts</b>  1S1*	<b>Numerator:</b> Number of concentrators who have met the proficient or advanced level on the Statewide high school <b>reading/language arts</b> assessment  <b>Denominator:</b> Number of concentrators who took the assessments in <b>reading/language arts</b> and who have left secondary in the reporting year.	<b>Numerator:</b> <ul style="list-style-type: none"> <li>• 12 grade student</li> <li>• with 2 credits</li> <li>• reading score of 604 and above – Proficient &amp; Advanced on the Dakota STEP test</li> </ul> <b>Denominator</b> <ul style="list-style-type: none"> <li>• 12 grade student</li> <li>• with 2 credits</li> <li>• has a Dakota STEP test reading score</li> </ul>
<b>Academic Attainment Mathematics</b>  1S2*	<b>Numerator:</b> Number of concentrators who have met the proficient or advanced level on the Statewide high school <b>mathematics</b> assessment  <b>Denominator:</b> Number of concentrators who took the assessments in <b>mathematics</b> and who have left secondary education in the reporting year.	<b>Numerator:</b> <ul style="list-style-type: none"> <li>• 12 grade student</li> <li>• with 2 credits</li> <li>• math score of 715 and above – Proficient &amp; Advanced</li> </ul> <b>Denominator</b> <ul style="list-style-type: none"> <li>• 12 grade student</li> <li>• with 2 credits</li> <li>• has a math score</li> </ul>
<b>Technical Skill Attainment</b>  2S1†	<b>Numerator:</b> The number of concentrators who attain a program average of 75% or higher in their CTE program.  <b>Denominator:</b> The number of concentrators in the program.	<b>Numerator:</b> <ul style="list-style-type: none"> <li>• students with 2 credits</li> <li>• TSA (technical skill attainment) of 75 or above</li> </ul> <b>Denominator</b> <ul style="list-style-type: none"> <li>• students with 2 credits</li> </ul>

<p><b>Secondary School Completion</b></p> <p>3S1‡</p>	<p><b>Numerator:</b> The number of <u>CTE concentrators</u> who earned a regular secondary school diploma. <b>Denominator:</b> Number of <u>CTE concentrators</u> who left secondary education during the regular year. <b>*Note measures 3S1 and 4S1 are identical in South Dakota.</b></p>	<p><b>Numerator:</b></p> <ul style="list-style-type: none"> <li>• students with 2 credits</li> <li>• Those marked as graduated</li> </ul> <p><b>Denominator</b></p> <ul style="list-style-type: none"> <li>• with 2 credits</li> <li>• dropped out (in SIMS system in 09, 10 or 11 and not in 12) <b>OR</b></li> <li>• graduated</li> </ul>	
<p><b>Student Graduation Rates</b></p> <p>4S1‡</p>	<p><b>Numerator:</b> Number of concentrators reported as graduated using your State’s approved calculation for graduation rate as defined in your State’s ESEA accountability workbook. <b>Denominator:</b> Number of concentrators who have left secondary education in the reporting year. <b>*Note measures 3S1 and 4S1 are identical in South Dakota.</b></p>	<p><b>Numerator</b></p> <ul style="list-style-type: none"> <li>• students with 2 credits</li> <li>• Those marked as graduated</li> </ul> <p><b>Denominator</b></p> <ul style="list-style-type: none"> <li>• 2 credits</li> <li>• dropped out (in SIMS system in 09, 10 or 11 and not in 12) <b>OR</b></li> <li>• graduated</li> </ul>	
<p><b>Secondary Placement</b></p> <p>5S1</p>	<p><b>Numerator:</b> The number of concentrators who have graduated placed in postsecondary education, employment, advanced training**, or the military. <b>Denominator:</b> Number of concentrators who have graduated completing the program. <b>Advanced Training:</b> Any formal training beyond the high school or secondary level not related to a postsecondary degree program.</p>	<p><b>Numerator</b></p> <ul style="list-style-type: none"> <li>• 12 grade students</li> <li>• students with 2 credits</li> <li>• with a placement in 2 year, 4 year, employment, advanced training, or military</li> </ul> <p><b>Denominator</b></p> <ul style="list-style-type: none"> <li>• 12 grade students with 2 credits</li> </ul>	
<p><b>Nontraditional Participation</b></p> <p>6S1</p>	<p><b>Numerator:</b> The number of nontraditional participants enrolled in programs preparing them for careers nontraditional for their gender. <b>Denominator:</b> The total number of participants (nontraditional + traditional) enrolled in programs preparing them for careers considered nontraditional for their gender.</p>	<p><b>Numerator</b></p> <ul style="list-style-type: none"> <li>Females enrolled in AFNR Cluster</li> <li>Females enrolled in A &amp; C</li> <li>Females enrolled in IT</li> <li>Males enrolled in Human Services</li> <li>Males enrolled in Health</li> <li>Females enrolled in Manufacturing</li> <li>Females enrolled in STEM</li> <li>Females enrolled in Transportation</li> </ul>	<p><b>Denominator</b></p> <ul style="list-style-type: none"> <li>All enrolled in AFNR</li> <li>All enrolled in A &amp; C</li> <li>All enrolled in IT</li> <li>All enrolled in Human Services</li> <li>All enrolled in Health</li> <li>All enrolled in Manufacturing</li> <li>All enrolled in STEM</li> <li>All enrolled in Transportation</li> </ul>

Nontraditional Completion  6S2	<b>Numerator:</b> The number of nontraditional concentrators completing programs preparing them for careers considered nontraditional for their gender. <b>Denominator:</b> The total number of concentrators (nontraditional + traditional) completing programs preparing them for careers considered nontraditional for their gender.	Numerator	Denominator
		Females 2 credits in AFNR	2 credits in AFNR
		Females 2 credits in A&C	2 credits in A & C
		Females 2 credits in IT	2 credits in IT
		Males 2 credits in Human Services	2 credits in Human Services
		Males 2 credits in Health	2 credits in Health
		Females 2 credits in Manufacturing	2 credits in Manufacturing
		Females 2 credits in STEM	2 credits in STEM
		Females 2 credits in Transportation	2 credits in Transportation

\*Note the Dakota STEP is given in grade 11, but the score are reported when the student is in grade 12.

†Technical Skill Attainment: Program average is the average of all CTE course grades on a 100 point scale.

‡In South Dakota 3S1 and 4S1 measures are identical.

\*\*Advanced Training: Any formal training beyond the high school or secondary level not related to a postsecondary degree program.

### State Recognized Industry Certifications or Licensures by Cluster

Perkins IV emphasizes the importance industry recognized certificate where available. A student may only receive a certification once. Certifications are tied to career clusters, but a student does not need to be a concentrator in that cluster to earn the certificate. Certifications should be entered in the year earned.

Cluster	Certifications Available
<b>Agriculture, Food &amp; Natural Resources</b>	Certified Welder (AWS)
	Commercial Applicator Certification (Pesticide)
	Private Applicator Certification (Pesticide)
	OSHA 10 Hour Safety Certification—Construction Industry
	OSHA 10 Hour Safety Certification—General Industry
<b>Arts, A/V Technology &amp; Communications</b>	OSHA 10 Hour Safety Certification—General Industry
	<b>Architecture &amp; Construction</b>
Drafter Certification (ADDA)	
OSHA 10 Hour Safety Certification—Construction Industry	
OSHA 10 Hour Safety Certification—General Industry	
<b>Business Management &amp; Administration</b>	Concepts of Entrepreneurship and Management (A*S*K)
	Concepts of Finance (A*S*K)
	Fundamental Business Concepts (A*S*K)
	Fundamental Marketing Concepts (A*S*K)
	OSHA 10 Hour Safety Certification—General Industry
<b>Education &amp; Training</b>	OSHA 10 Hour Safety Certification—General Industry
	<b>Finance</b>
Concepts of Finance (A*S*K)	
Fundamental Business Concepts (A*S*K)	

	Fundamental Marketing Concepts (A*S*K)
	OSHA 10 Hour Safety Certification—General Industry
<b>Government &amp; Public Administration</b>	OSHA 10 Hour Safety Certification—General Industry
<b>Health Science</b>	Certified Nurse Aid (CNA)
	First Aid/CPR
	OSHA 10 Hour Safety Certification—General Industry
	Pharmacy Technician Certification
<b>Hospitality &amp; Tourism</b>	OSHA 10 Hour Safety Certification—General Industry
	ProStart Program Certification
	ServSafe Food Safety Certification
<b>Human Services</b>	OSHA 10 Hour Safety Certification—General Industry
<b>Information Technology</b>	A+/CompTIA Certification Examination (A+ Essentials)
	C-Tech Home Professionals
	C-Tech Network Cabling Specialists
	C-Tech Voice Communication Professionals
	Cisco Certified Entry Networking Technician (CCENT™)
	Cisco Certified Network Associate (CCNA™)
	OSHA 10 Hour Safety Certification—General Industry
<b>Law, Public Safety, Corrections &amp; Security</b>	EMT-Basic
	First Aid/CPR
	OSHA 10 Hour Safety Certification—General Industry
<b>Manufacturing</b>	Certified Welder (AWS)
	OSHA 10 Hour Safety Certification—Construction Industry
	OSHA 10 Hour Safety Certification—General Industry
<b>Marketing</b>	Concepts of Entrepreneurship and Management (A*S*K)
	Concepts of Finance (A*S*K)
	Fundamental Business Concepts (A*S*K)
	Fundamental Marketing Concepts (A*S*K)
	OSHA 10 Hour Safety Certification—General Industry
<b>Science, Technology, Engineering &amp; Math</b>	OSHA 10 Hour Safety Certification—Construction Industry
	OSHA 10 Hour Safety Certification—General Industry
<b>Transportation, Distribution &amp; Logistics</b>	Automotive Service Excellence (ASE) Certification
	Drafter Certification (ADDA)
	OSHA 10 Hour Safety Certification—General Industry
	Project Lead the Way