College, Career, or Military Readiness (CCMR)

Annual graduates demonstrate college, career, or military readiness in any one of the following ways:

### College Readiness

1. **Texas Success Initiative (TSI) Criteria:** A graduate meeting the TSI college readiness standards in both ELA/reading and mathematics; specifically, meeting the college-ready criteria on the TSI assessment, SAT, ACT, or by successfully completing and earning credit for a college prep course as defined in TEC §28.014, in both ELA and mathematics. *(Data source: TSDS PEIMS 43415, THECB, College Board, and ACT, Inc.)*

2. **Earn Dual Course Credits:** A graduate completing nine or more hours of postsecondary credit in any subject or three or more hours of ELA or math. *(Data source: TSDS PEIMS 43415)*

3. **Meet Criteria on Advanced Placement (AP)/International Baccalaureate (IB) Examination:** A graduate meeting the criterion score on an AP or IB examination in any subject area. Criterion score is 3 or more for AP and 4 or more for IB. *(Data source: College Board or IB)*

4. **Earn an Associate’s Degree:** A graduate earning an associate’s degree while in high school. *(Data source: TSDS PEIMS 40100/49010)*

5. **OnRamps Course Credits:** A graduate completing an OnRamps course and receiving at least three hours of university or college credit in any subject area. *(Data source: OnRamps program)*

### Career/Military Readiness

6. **Earn an Industry-Based Certification:** A graduate earning an industry-based certification under 19 TAC §74.1003. *(Data source: TSDS PEIMS 48011)*

7. **Graduate with Completed IEP and Workforce Readiness:** A graduate receiving a graduation type code of 04, 05, 54, or 55 which indicates the student has completed his/her IEP and has either demonstrated self-employment with self-help skills to maintain employment or has demonstrated mastery of specific employability and self-help skills that do not require public school services. *(Data source: TSDS PEIMS 40203)*

8. **CTE Coherent Sequence Coursework Aligned with Industry-Based Certifications:** A CTE coherent sequence graduate who has completed and received credit for at least one CTE course aligned with an industry-based certification. This indicator awards one-half point only for graduates who have met no other CCMR indicator. These graduates receive one-half point credit for coursework completed toward an industry-based certification. The list of CTE courses aligned with industry-based certifications is provided in Chapter 2 of the 2019 Accountability Manual. *(Data source: TSDS PEIMS 43415 and 40110 [summer])*

9. **Enlist in the Armed Forces:** A graduate enlisting in the U.S. Army, Navy, Air Force, Coast Guard, or Marines. *(Data source: TSDS PEIMS 40203)*

10. **Current Special Education Students with Advanced Degree Plans:** A graduate who graduates under an advanced degree plan and is identified as a current special education student *(Data source: TSDS PEIMS 40203 and 40110)*
Postsecondary Readiness Glossary
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11) **Graduate with Level I or Level II Certificate:** A graduate earning a Level I or Level II certificate in any workforce education area. *(Data source: THECB)*

**College, Career, or Military Ready Graduates**

**College, Career, or Military Ready (Student Achievement):** The percentage of annual graduates who demonstrated college, career, or military readiness by meeting at least one of the eleven criteria described in *College, Career, or Military Readiness.*

**Only College Ready:** The percentage of annual graduates who demonstrated only college readiness by meeting college ready criteria 1, 2, 3, 4, or 5 but did not meet any of the career and military ready criteria 6, 7, 8, 9, 10, or 11 described in *College, Career, or Military Readiness.*

**Only Career/Military Ready:** The percentage of annual graduates who demonstrated only career or military readiness by meeting career or military ready criteria 6, 7, 8, 9, 10, or 11 but did not meet any of the college ready criteria 1, 2, 3, 4, and 5 described in *College, Career, or Military Readiness.*

**College Ready and Career/Military Ready:** The percentage of annual graduates who demonstrated college and career/military readiness by meeting college ready criteria 1, 2, 3, 4, or 5 and career or military ready criteria 6, 7, 8, 9, 10, or 11 described in *College, Career, or Military Readiness.*

**College Ready Graduates**

**College Ready:** The percentage of annual graduates who demonstrated college readiness by meeting criteria 1, 2, 3, 4, or 5 described in *College, Career, or Military Readiness.* This percentage includes graduates who may have met career or military ready criteria 6, 7, 8, 9, 10, or 11. *(Data source: TSDS PEIMS 43415, THECB, College Board, ACT, IB, and TSDS PEIMS 49010)*

**TSI Criteria Graduates:** The percentage of annual graduates who met or exceeded the college-ready criteria on the Texas Success Initiative Assessment (TSIA), the SAT, ACT, or by successfully completing and earning credit for a college prep course as defined in TEC §28.014, in both ELA and mathematics. The criteria for each are as follows:

<table>
<thead>
<tr>
<th>TSI Criteria</th>
<th>TSIA</th>
<th>SAT*</th>
<th>ACT</th>
<th>College Prep Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;= 351 on Reading or &gt;= 480 on the Evidence-Based Reading and Writing (EBRW)</td>
<td>or</td>
<td>or</td>
<td>Complete and earn credit for ELA college prep course</td>
<td></td>
</tr>
<tr>
<td>&gt;= 350 on Mathematics or &gt;= 530 on Mathematics</td>
<td>or</td>
<td>or</td>
<td>Complete and earn credit for mathematics college prep course</td>
<td></td>
</tr>
<tr>
<td>&gt;=19 on English and &gt;=23 Composite</td>
<td>or</td>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;=19 on Mathematics and &gt;=23 Composite</td>
<td>or</td>
<td>or</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
* For the small percentage of students who took the SAT examination prior to March 2016, their scores were converted to corresponding scores on the redesigned SAT using College Board’s concordance tables.

The percentages are calculated as follows:

**English Language Arts.**

\[
\frac{\text{number of graduates who met or exceeded the college-ready criteria on the TSIA, SAT, ACT, or by successfully completing and earning credit for a college prep course in ELA in 2017–18}}{\text{number of 2017–18 annual graduates}}
\]

**Mathematics.**

\[
\frac{\text{number of graduates who met or exceeded the college-ready criteria on the TSIA, SAT, ACT, or by successfully completing and earning credit for a college prep course in mathematics in 2017–18}}{\text{number of 2017–18 annual graduates}}
\]

**Both Subjects.**

\[
\frac{\text{number of graduates who met or exceeded the college-ready criteria on the TSIA, SAT, ACT, or by successfully completing and earning credit for a college prep course in both ELA and mathematics in 2017–18}}{\text{number of 2017–18 annual graduates}}
\]

**Either Subject.**

\[
\frac{\text{number of graduates who met or exceeded the college-ready criteria on the TSIA, SAT, ACT, or by successfully completing and earning credit for a college prep course in ELA or mathematics in 2017–18}}{\text{number of 2017–18 annual graduates}}
\]

**Dual Course Credits:** The percentage of annual graduates who completed and earned credit for nine or more hours of dual credit in any subject or three or more hours in ELA or mathematics (Data source: TSDS PEIMS 43415)

\[
\frac{\text{number of 2017–18 annual graduates who completed and earned credit for nine or more hours of dual credit in any subject or three or more hours in ELA or mathematics}}{\text{number of 2017–18 annual graduates}}
\]
AP/IB Criteria Met in Any Subject: The percentage of annual graduates who earned a 3 or more on an AP examination or a 4 or more on an IB examination. (Data source: College Board and IB)

\[
\frac{\text{number of 2017–18 annual graduates who earned a 3 or more on an AP examination or a 4 or more on an IB examination}}{\text{number of 2017–18 annual graduates}}
\]

Associate’s Degree: The percentage of annual graduates who earned an associate’s degree before graduation. (Data source: TSDS PEIMS 40100)

\[
\frac{\text{number of 2017–18 annual graduates who earned an associate’s degree before graduation}}{\text{number of 2017–18 annual graduates}}
\]

Associate’s Degree but not Career/Military Ready: The percentage of annual graduates who met associate’s degree criteria 4, but did not meet career or military ready criteria 6, 7, 8, 9, 10, or 11 described in College, Career, or Military Readiness.

Associate’s Degree and Career/Military Ready: The percentage of annual graduates who met associate’s degree criteria 4 and career or military ready criteria 6, 7, 8, 9, 10, or 11 described in College, Career, or Military Readiness.

OnRamps Course Credits: The percentage of annual graduates who completed an OnRamps course and qualified for three hours of university or college credit (Data source: OnRamps program)

\[
\frac{\text{number of 2017–18 annual graduates who completed an OnRamps course and qualified for three hours of college credit before graduation}}{\text{number of 2017–18 annual graduates}}
\]

Career/Military Ready Graduates

Career or Military Ready Graduates: The percentage of annual graduates who demonstrated career or military readiness by meeting criteria 6, 7, 8, 9, 10, or 11 described in College, Career, or Military Readiness. This percentage includes graduates who may have met college ready criteria 1, 2, 3, 4, or 5.

Approved Industry-Based Certification: The percentage of annual graduates who earned an approved industry-based certification. For additional information, see Chapter 2 of the 2019 Accountability Manual. (Data source: TSDS PEIMS 48011)

\[
\frac{\text{number of 2017–18 annual graduates who earned an approved industry-based certification}}{\text{number of 2017–18 annual graduates}}
\]
Graduate with Completed IEP and Workforce Readiness: The percentage of annual graduates who received a graduation type code of 04, 05, 54, or 55. For additional information, see Chapter 2 of the [2019 Accountability Manual](#). *(Data source: TSDS PEIMS 40203)*

\[
\frac{\text{number of 2017–18 annual graduates who received a graduation type code of 04, 05, 54, or 55}}{\text{number of 2017–18 annual graduates}}
\]

CTE Coherent Sequence Coursework Aligned with Industry-Based Certifications: The percentage of annual graduates who were enrolled in a coherent sequence of CTE courses and completed and earned credit for coursework aligned with approved industry-based certifications. This indicator is different from the accountability College, Career, or Military Readiness (CCMR) indicator; all graduates are included regardless of whether they met other CCMR indicators. *(Data source: TSDS PEIMS 43415 and 40110)*

\[
\frac{\text{number of 2017–18 annual graduates who were enrolled in a coherent sequence of CTE courses and completed and earned credit for coursework aligned with approved industry-based certifications}}{\text{number of 2017–18 annual graduates}}
\]

U.S. Armed Forces Enlistment: The percentage of annual graduates who were reported as intending to enlist in or enlisting in the U.S. Armed Forces. *(Data source: TSDS PEIMS 40203)*

\[
\frac{\text{number of 2017–18 annual graduates who were reported as intending to enlist in or enlisting in the U.S. Armed Forces}}{\text{number of 2017–18 annual graduates}}
\]

Current Special Education Students with Advanced Degree Plans: The percentage of annual graduates under an advanced degree plan and identified as a current special education student *(Data source: TSDS PEIMS 40203 and 40110)*

\[
\frac{\text{number of 2017–18 annual graduates who graduated under an advanced degree plan and were identified as a current special education student}}{\text{number of 2017–18 annual graduates}}
\]

Graduate with Level I or Level II Certificate: The percentage of annual graduates who earned a Level I or Level II certificate *(Data source: THECB)*

\[
\frac{\text{number of 2017–18 annual graduates who earned a Level I or Level II certificate}}{\text{number of 2017–18 annual graduates}}
\]
CCMR-related Indicators

Texas Success Initiative Assessment (TSIA): Participation (Annual Graduates): The percentage of annual graduates who took the College Board’s TSIA at any point since June 2011. *(Data source: THECB)*

\[
\frac{\text{number of 2017–18 annual graduates who took the TSIA}}{\text{number of 2017–18 annual graduates}}
\]

TSIA Average Score (Annual Graduates): The average score of annual graduates on the TSIA. The maximum score for reading is 390, and the maximum score for mathematics is 390.

*Reading*

\[
\frac{\text{sum of total reading scores of all annual graduates who took the TSIA}}{\text{number of annual graduates who took the reading portion of the TSIA}}
\]

*Mathematics*

\[
\frac{\text{sum of total mathematics scores of all annual graduates who took the TSIA}}{\text{number of annual graduates who took the mathematics portion of the TSIA}}
\]

TSIA Results (Graduates >= Criterion) (Annual Graduates): The percentage of annual graduates who met the TSI criteria on the TSIA *(Data source: THECB and TSDS PEIMS 40203)*

Percentages are calculated and shown for reading and mathematics together and separately.

\[
\frac{\text{number of 2017–18 annual graduates who met the TSI criteria on the TSIA}}{\text{number of 2017–18 annual graduates}}
\]

CTE Coherent Sequence (Annual Graduates): The percentage of annual graduates enrolled in a coherent sequence of career and technical education (CTE) courses as part of a four-year plan of study. *(Data source: TSDS PEIMS 40100, 40203, and 42400)*

\[
\frac{\text{number of 2017–18 annual graduates who were enrolled in a CTE-coherent sequence of courses as part of a four-year plan of study to take two or more CTE courses for three or more credits}}{\text{number of 2017–18 annual graduates}}
\]

Completed and Received Credit for College Prep Courses (Annual Graduates): The percentage of annual graduates who completed and earned credit for a college prep course as defined in TEC §28.014 in either ELA or mathematics or both. *(Data source: TSDS PEIMS 43415)*

*English Language Arts.*

\[
\frac{\text{number of 2017–18 annual graduates who completed and earned credit for a college prep course as defined in TEC §28.014 in ELA}}{\text{number of 2017–18 annual graduates}}
\]
Mathematics.

\[
\text{number of 2017–18 annual graduates who completed and earned credit for a college prep course as defined in TEC §28.014 in mathematics} \\
\hline
\text{number of 2017–18 annual graduates}
\]

Both Subjects.

\[
\text{number of 2017–18 annual graduates who completed and earned credit for a college prep course as defined in TEC §28.014 in ELA and mathematics} \\
\hline
\text{number of 2017–18 annual graduates}
\]

AP/IB Course Completion (Annual Graduates): The percentage of annual graduates who completed and earned credit for at least one Advanced Placement (AP) course or International Baccalaureate (IB) course in the 2014–15 to 2017–18 school years. *(Data source: TSDS PIEMS 43415)*

\[
\text{number of 2017–18 annual graduates who completed and earned credit for at least one AP or IB course in the 2014–15 to 2017–18 school years} \\
\hline
\text{number of 2017–18 annual graduates}
\]

AP/IB Results (Participation) (Grades 11–12): The percentage of students in grades 11 and 12 who took the College Board’s Advanced Placement (AP) examinations or the International Baccalaureate’s (IB) Diploma Program examinations. *(Data source: College Board and IB)*

All Subjects

\[
\text{Number of students in grades 11 & 12 in the 2017–18 school year who took at least one AP or IB examination} \\
\hline
\text{total students enrolled in grades 11 & 12}
\]

English Language Arts

\[
\text{number of students in grades 11 & 12 in the 2017–18 school year who took at least one AP or IB examination in ELA} \\
\hline
\text{total students enrolled in grades 11 & 12}
\]

Mathematics

\[
\text{number of students in grade 11 & 12 in the 2017–18 school year who took at least one AP or IB examination in mathematics} \\
\hline
\text{total students enrolled in grades 11 & 12}
\]

Science

\[
\text{number of students in grade 11 & 12 in the 2017–18 school year who took at least one AP or IB examination in science} \\
\hline
\text{total students enrolled in grades 11 & 12}
\]
### Social Studies

Number of students in grade 11 & 12 in the 2017–18 school year who took at least one AP or IB examination in social studies

<table>
<thead>
<tr>
<th>Total students enrolled in grades 11 &amp; 12</th>
</tr>
</thead>
</table>

These indicators were used in determining the 2019 distinction designations for campuses and districts. For a detailed explanation of distinction designations, see Chapter 6 of the 2019 Accountability Manual. *(Data source: College Board, IB, and TSDS PEIMS 40110)*

#### AP/IB Results (Examinees >= Criterion) (Grades 11–12):

The percentage of students with at least one AP or IB examination in grades 11 and 12 at or above the criterion score. High school students may take one or more of these examinations, ideally upon completion of AP or IB courses, and may receive advanced placement or credit, or both, upon entering college. Generally, colleges will award credit or advanced placement for scores of 3, 4, or 5 on AP examinations and scores of 4, 5, 6, or 7 on IB examinations. Requirements vary by college and by subject tested. *(Data source: College Board and IB)*

#### All Subjects

<table>
<thead>
<tr>
<th>Number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 11th and 12th graders with at least one AP or IB examination</td>
</tr>
</tbody>
</table>

#### English Language Arts

<table>
<thead>
<tr>
<th>Number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion in ELA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 11th and 12th graders with at least one AP or IB examination in ELA</td>
</tr>
</tbody>
</table>

#### Mathematics

<table>
<thead>
<tr>
<th>Number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion in mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 11th and 12th graders with at least one AP or IB examination in mathematics</td>
</tr>
</tbody>
</table>

#### Science

<table>
<thead>
<tr>
<th>Number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion in science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 11th and 12th graders with at least one AP or IB examination in science</td>
</tr>
</tbody>
</table>

#### Social Studies

<table>
<thead>
<tr>
<th>Number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion in social studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 11th and 12th graders with at least one AP or IB examination in social studies</td>
</tr>
</tbody>
</table>

These indicators were used in determining the 2019 distinction designations for campuses. For a detailed explanation of distinction designations, see Chapter 6 of the 2019 Accountability Manual. *(Data source: The College Board, The International Baccalaureate Organization, and TSDS PEIMS 40110)*
AP/IB Results (11th & 12th Graders >= Criterion): The percentage of students enrolled in grades 11 and 12 with at least one AP or IB score at or above the criterion score. This denominator includes students enrolled in grades 11 and 12 who did not take AP or IB examination. High school students may take one or more of these examinations, ideally upon completion of AP or IB courses, and may receive advanced placement or credit, or both, upon entering college. Generally, colleges will award credit or advanced placement for scores of 3, 4, or 5 on AP examinations and scores of 4, 5, 6, or 7 on IB examinations. Requirements vary by college and by subject tested. (Data source: College Board and IB)

All Subjects

| number of 11th and 12th graders in 2017–18 with at least one AP or IB score at or above criterion | total students enrolled in 11th and 12th grades |

SAT/ACT Results (Annual Graduates): Participation and performance of annual graduates from all Texas public schools on the College Board’s SAT and ACT, Inc.’s ACT assessment. ACT and SAT scores are based on each student’s highest section scores across all exams taken, and the SAT total and ACT composite scores are calculated using the highest section scores. For the class of 2017 and previous years, the scores were based on each student’s most recent examination. Because of the change to using highest score, only the class of 2018 is shown.

1) Tested: The percentage of graduates who took either college admissions assessment:

| number of 2017–18 graduates who took either the SAT or the ACT | number of 2017–18 graduates reported |

2) At/Above Criterion: The percentage of examinees who scored at or above the criterion score of 480 on the SAT evidence-based reading and writing or 19 on ACT English section and 23 composite and 530 on SAT mathematics or 19 on ACT Mathematics section and 23 on the ACT composite:

| number of 2017–18 graduating examinees who scored at or above the criterion score on either the SAT or the ACT | number of 2017–18 graduating examinees taking either the SAT or the ACT |

3) At/Above Criterion for All Graduates: The percentage of graduates who scored at or above the criterion score of 480 on the SAT evidence-based reading and writing or 19 on ACT English section and 23 composite and 530 on SAT mathematics or 19 on ACT Mathematics section and 23 on the ACT composite:

| number of 2017–18 graduating examinees who scored at or above the criterion score on either the SAT or the ACT | number of 2017–18 graduates reported |

Note: For the small percentage of students who took the SAT examination prior to March 2016, their scores were converted to corresponding scores on the redesigned SAT using College Board’s concordance tables. (Data source: College Board and TSDS PEIMS 40203)
Average SAT Score (Annual Graduates): Performance of annual graduates from all Texas public schools on the College Board’s SAT assessment. If a student takes the SAT more than once, the best result by subject area is selected, and the SAT total is calculated as the sum of the highest section scores.

(1) Average SAT Score (All Subjects): The average score for the SAT evidence-based reading and writing and mathematics combined. The maximum score is 1600.

\[
\text{sum of SAT total scores (evidence-based reading and writing + mathematics)} \div \text{number of 2017–18 graduates who took the SAT}
\]

(2) Average SAT Score (English Language Arts and Writing): The average score for the SAT evidence-based reading and writing. The maximum score is 800.

\[
\text{sum of SAT evidence-based reading and writing scores} \div \text{number of 2017–18 graduates who took the SAT}
\]

(3) Average SAT Score (Mathematics): The average score for the SAT mathematics. The maximum score is 800.

\[
\text{sum of SAT mathematics scores} \div \text{number of 2017–18 graduates who took the SAT}
\]

Note: For the small percentage of students who took the SAT examination prior to March 2016, their scores were converted to corresponding scores on the redesigned SAT using College Board’s concordance tables. (Data source: College Board and TSDS PEIMS 40203)

Average ACT Score (Annual Graduates): Performance of annual graduates from all Texas public schools on the ACT Inc.’s ACT assessment. If a student takes the ACT more than once, the best result by subject area is selected, and the ACT composite scores is calculated as the average of the highest section scores.

(1) Average ACT Score (All Subjects): The average score for the ACT composite. The maximum score is 36.

\[
\text{sum of ACT composite scores} \div \text{number of 2017–18 graduates who took the ACT}
\]

(2) Average ACT Score (English Language Arts): The average score for the ACT English and Reading combined. The maximum score is 36.

\[
\text{sum of ACT English and Reading combined scores} \div \text{number of 2017–18 graduates who took the ACT}
\]

(3) Average ACT Score (Mathematics): The average score for the mathematics ACT. The maximum score is 36.
Average ACT Score (Science): The average score for the science ACT. The maximum score is 36.

\[
\text{Average ACT Score (Science)} = \frac{\text{sum of ACT science scores of all 2017-18 graduates who took the ACT}}{\text{number of 2017-18 graduates who took the ACT}}
\]

OnRamps Course Credits: The percentage of annual graduates who completed an OnRamps course and earned three hours of college credit \((Data source: OnRamps program)\)

\[
\text{OnRamps Course Credits} = \frac{\text{number of 2017-18 annual graduates who completed an OnRamps course and earned three hours of college credit before graduation}}{\text{number of 2017-18 annual graduates}}
\]

Current Special Education Students with Advanced Degree Plans: The percentage of annual graduates who graduated under an advanced degree plan and were identified as a current special education student \((Data source: TSDS PEIMS 40203 and 40110)\)

\[
\text{Current Special Education Students with Advanced Degree Plans} = \frac{\text{number of 2017-18 annual graduates who graduated under an advanced degree plan and were identified as a current special education student}}{\text{number of 2017-18 annual graduates}}
\]
### Other Postsecondary Indicators

**Advanced/Dual-Credit Course Completion (Grades 11–12):** The percentage of students who completed and received credit for at least one advanced or dual-credit course. Decisions about awarding high school credit for college courses are described in [Texas Administrative Code §74.25](https://www.texaslawfile.com/texas行政处罚Code/74/25.html).

Appendix B lists all courses identified as advanced courses. Courses for which a student can earn dual credit are not listed because they vary from campus to campus.

Course completion information is reported by districts through the Texas Student Data System/Public Education Information Management System (TSDS PEIMS) after the close of the school year. For example, the values, expressed as percentages for grades 11–12, are calculated as follows: *(Data source: TSDS PEIMS 43415)*

<table>
<thead>
<tr>
<th>Any Subject</th>
<th>number of students in grades 11–12 in 2017–18 who received credit for at least one advanced/dual-credit course</th>
<th>number of students in grades 11–12 who received credit for at least one course in 2017–18</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>number of students in grades 11–12 in 2017–18 who received credit for at least one ELA advanced/dual-credit course</th>
<th>number of students in grades 11–12 who received credit for at least one ELA course in 2017–18</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>number of students in grades 11–12 in 2017–18 who received credit for at least one mathematics advanced/dual-credit course</th>
<th>number of students in grades 11–12 who received credit for at least one mathematics course in 2017–18</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Science</th>
<th>number of students in grades 11–12 in 2017–18 who received credit for at least one science advanced/dual-credit course</th>
<th>number of students in grades 11–12 who received credit for at least one science course in 2017–18</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Social Studies</th>
<th>number of students in grades 11–12 in 2017–18 who received credit for at least one social studies advanced/dual-credit course</th>
<th>number of students in grades 11–12 who received credit for at least one social studies course in 2017–18</th>
</tr>
</thead>
</table>
**Advanced/Dual-Credit Course Completion (Grades 9–12):** The percentage of students who completed and received credit for at least one advanced or dual-credit course. Decisions about awarding high school credit for college courses are described in Texas Administrative Code §74.25.

Appendix B lists all courses identified as advanced courses. Courses for which a student can earn dual credit are not listed because they vary from campus to campus.

Course completion information is reported by districts through the Texas Student Data System/Public Education Information Management System (TSDS PEIMS) after the close of the school year. For example, the values, expressed as percentages for grades 9–12, are calculated as follows: *(Data source: TSDS PEIMS 43415)*

**Any Subject**

\[
\text{Percentage} = \frac{\text{number of students in grades 9–12 in 2017–18 who received credit for at least one advanced/dual-credit course}}{\text{number of students in grades 9–12 who received credit for at least one course in 2017–18}}
\]

**English Language Arts**

\[
\text{Percentage} = \frac{\text{number of students in grades 9–12 in 2017–18 who received credit for at least one ELA advanced/dual-credit course}}{\text{number of students in grades 9–12 who received credit for at least one ELA course in 2017–18}}
\]

**Mathematics**

\[
\text{Percentage} = \frac{\text{number of students in grades 9–12 in 2017–18 who received credit for at least one mathematics advanced/dual-credit course}}{\text{number of students in grades 9–12 who received credit for at least one mathematics course in 2017–18}}
\]

**Science**

\[
\text{Percentage} = \frac{\text{number of students in grades 9–12 in 2017–18 who received credit for at least one science advanced/dual-credit course}}{\text{number of students in grades 9–12 who received credit for at least one science course in 2017–18}}
\]

**Social Studies**

\[
\text{Percentage} = \frac{\text{number of students in grades 9–12 in 2017–18 who received credit for at least one social studies advanced/dual-credit course}}{\text{number of students in grades 9–12 who received credit for at least one social studies course in 2017–18}}
\]
Graduates Enrolled in Texas Institution of Higher Education (TX IHE): The percentage of students who enrolled and began instruction at an institution of higher education in Texas for the school year following high school graduation.

\[
\frac{\text{number of graduates during the 2016–17 school year who attended a public or independent college or university in Texas in the 2017–18 academic year}}{\text{number of graduates during the 2016–17 school year}}
\]

Students who enrolled in out-of-state colleges or universities or any non-public career school are not included. Students who attend public community colleges in Texas are included.

(Data source: THECB)

Graduates in TX IHE Completing One Year Without Enrollment in a Developmental Education Course: The percentage of students who enrolled and began instruction at an institution of higher education in Texas for the school year following high school graduation and did not require a developmental education course.

\[
\frac{\text{number of graduates during the 2016–17 school year who enrolled in a public college or university in Texas for the school year following the year they graduated and met the Texas Success Initiative requirement in all subject areas (reading, writing, and mathematics)}}{\text{number of graduates during the 2016–17 school year who enrolled in a public college or university in Texas for the school year following the year they graduated}}
\]

Students who attended Texas public two- or four-year institutions of higher education are included. Students who enrolled in independent colleges or universities in Texas, out-of-state colleges or universities, or any non-public career school are not included.

Additional reports showing students enrolled in Texas public colleges and universities are available on the Texas Higher Education Coordinating Board (THECB) site at http://www.txhighereddata.org/generatelinks.cfm?Section=HS2Col.

For more information on the data used in this indicator, contact the Texas Higher Education Coordinating Board at (512) 427-6153. (Data source: THECB)