

TVAAS Designations

Each year, three files are released to each school district via the Accountability Application:

1. **System-level TVAAS** – this data is a one year score
2. **School-level TVAAS** – this data is a one year score
3. **Teacher-level TVAAS** – this data includes three year trends where available

The data within these three files are the overall composite scores that will be used for evaluative purposes. Within each file there are multiple columns indicating different types of composites.

The **system-level** file includes the following columns:

- A. **DistrictNo** – the state assigned district number that is unique to the district
- B. **District_name** – the name of the district
- C. **District-Wide: Composite** – this includes all tested grades and subjects in the system
- D. **District-Wide: Literacy** – this includes all tested grades but only subjects specifically associated with literacy. These subjects are SAT 10 – Reading and Language, TCAP – Reading, EOC – English I, II and III.
- E. **District-Wide: Numeracy** – this includes all tested grades but only subjects specifically associated with numeracy. These subjects are SAT 10 – Math, TCAP – Math, EOC – Algebra I and II
- F. **District-Wide: Literacy and Numeracy** – this includes all tested grades but only subjects specifically associated with numeracy and literacy as listed above.
- G. **TCAP/EOC: District-Wide: Composite** – this includes all TCAP tested grades and subjects from fourth to eighth grade as well as all EOCs. SAT 10 would not be included.
- H. **TCAP/EOC: District-Wide: Literacy** – this includes all TCAP tested grades from fourth to eighth grade as well as all EOCs but only subjects specifically associated with literacy.
- I. **TCAP/EOC: District-Wide: Numeracy** - this includes all TCAP tested grades from fourth to eighth grade as well as all EOCs but only subjects specifically associated with numeracy.
- J. **TCAP/EOC: District-Wide: Literacy and Numeracy** – this includes all TCAP tested grades from fourth to eighth grade as well as all EOCs but only subjects specifically associated with literacy and numeracy as listed above.
- K. **District-Wide: CTE Students** – this includes all students who have earned at least one credit in a CTE program of study in all EOC tested areas.
- L. **District-Wide: CTE Students: Literacy** – this includes all students who have earned at least one credit in a CTE program of study but only subjects specifically associated with literacy. These subjects are English I, II and III.
- M. **District-Wide: CTE Students: Numeracy** – this includes all students who have earned at least one credit in a CTE program of study but only subjects specifically associated with numeracy. These subjects are Algebra I and II.
- N. **District-Wide: CTE Students: Literacy and Numeracy** – this includes all students who have

earned at least one credit in a CTE program of study but only subjects specifically associated with literacy and numeracy. These subjects are Algebra I and II and English I, II and III.

- O. District-Wide: CTE Concentrator** – this includes all students identified as CTE concentrators in all EOC tested areas.
- P. District-Wide: CTE Concentrator: Literacy** – this includes all students identified as CTE concentrators but only subjects specifically associated with literacy. These subjects are English I, II and III.
- Q. System-wide: CTE Concentrator: Numeracy** – this includes all students identified as CTE concentrators but only subjects specifically associated with numeracy. These subjects are Algebra I and II.
- R. System-wide: CTE Concentrator: Literacy and Numeracy** – this includes all students identified as CTE concentrators but only subjects specifically associated with numeracy and literacy as listed above.
- S. TCAP: District-Wide: Composite** – this includes all TCAP tested grades and subjects from fourth to eighth grade. Algebra I administered in eighth grade would not be included.
- T. TCAP: District-Wide: Literacy** – this includes only the growth associated with TCAP Reading for students in fourth through eighth grade.
- U. TCAP: District-Wide: Numeracy** – this includes only the growth associated with TCAP Math for students in fourth through eighth grade. Algebra I administered in eighth grade would not be included.
- V. TCAP: District-Wide: Literacy and Numeracy** – this includes only the growth associated with TCAP Math and Reading for students in fourth through eighth grade. Algebra I administered in eighth grade would not be included.
- W. EOC: District-Wide: Composite** – this includes all EOC tested grades and subjects.
- X. EOC: District-Wide: Literacy** – this includes only the growth associated with English I, II and III.
- Y. EOC: District-Wide: Numeracy** – this includes only the growth associated with Algebra I and II.
- Z. EOC: District-Wide: Literacy and Numeracy** – this includes only the growth associated with Algebra I and II and English I, II and III.
- AA. SAT 10: District-Wide: Composite** – For first and second grade this includes growth associated with all three SAT 10 subject areas for all students who took the SAT 10 in spring 2013 and spring 2014. For third grade this includes growth associated with all four TCAP subject areas for all students who took the SAT 10 in spring 2013 and TCAP in spring 2014.
- AB. SAT 10: District-Wide: Literacy** – For first and second grade this includes the growth associated with SAT 10 Reading and Language. For third grade this includes the growth associated with TCAP Reading in 2014 for students who took SAT 10 in the spring of 2013.
- AC. SAT 10: District-Wide: Numeracy** – For first and second grade this includes the growth associated with SAT 10 Math. For third grade this includes the growth associated with TCAP Math in 2014 for students who took SAT 10 in the spring of 2013.
- AD. SAT 10: District-Wide: Literacy and Numeracy** – For first and second grade this includes the growth associated with SAT 10 Math, Reading and Language. For third grade this includes the growth associated with TCAP Math and Reading in 2014 for students who took SAT 10 in the spring of 2013.

The **school-level** file includes the following columns:

- A. DistrictNo** – the state assigned district number that is unique to the district
- B. SchoolNo** – the state assigned school number
- C. District_name** – the name of the district
- D. School_name** – the name of the school
- E. School-wide: Composite** – this includes all tested grades and subjects in the school
- F. School-wide: Literacy** – this includes all tested grades but only subjects specifically associated with literacy. These subjects are SAT 10 – Reading and Language, TCAP – Reading, EOC – English I, II and III.
- G. School-wide: Numeracy** – this includes all tested grades but only subjects specifically associated with numeracy. These subjects are SAT 10 – Math, TCAP – Math, EOC – Algebra I and II
- H. School-wide: Literacy and Numeracy** – this includes all tested grades but only subjects specifically associated with numeracy and literacy as listed above.
- I. TCAP/EOC: School-wide: Composite** – this includes all TCAP tested grades and subjects from fourth to eighth grade and EOCs within the school. SAT 10 would not be included.
- J. TCAP/EOC: School-wide: Literacy** – this includes all TCAP grades four through eight and EOCs but only subjects specifically associated with literacy.
- K. TCAP/EOC: School-wide: Numeracy** – this includes all TCAP grades four through eight and EOCs but only subjects specifically associated with numeracy.
- L. TCAP/EOC: School-wide: Literacy and Numeracy** – this includes all TCAP grades four through eight and EOCs but only subjects specifically associated with numeracy and literacy as listed above.
- M. School-wide: CTE Students** – this includes all students who have earned at least one credit in a CTE program of study in all EOC tested areas.
- N. School-wide: CTE Students: Literacy** – this includes all students who have earned at least one credit in a CTE program of study but only subjects specifically associated with literacy. These subjects are English I, II and III.
- O. School-wide: CTE Students: Numeracy** – this includes all students who have earned at least one credit in a CTE program of study but only subjects specifically associated with numeracy. These subjects are Algebra I and II.
- P. School-wide: CTE Students: Literacy and Numeracy** – this includes all students who have earned at least one credit in a CTE program of study but only subjects specifically associated with literacy and numeracy. These subjects are Algebra I and II and English I, II and III.
- Q. School-wide: CTE Concentrator** – this includes all students identified as CTE concentrators in all EOC tested areas.
- R. School-wide: CTE Concentrator: Literacy** – this includes all students identified as CTE concentrators but only subjects specifically associated with literacy. These subjects are English I, II and III.
- S. School-wide: CTE Concentrator: Numeracy** – this includes all students identified as CTE concentrators but only subjects specifically associated with numeracy. These subjects are Algebra I and II.

- T. School-wide: CTE Concentrator: Literacy and Numeracy** – this includes all students identified as CTE concentrators but only subjects specifically associated with numeracy and literacy as listed above.
- U. TCAP: School-wide: Composite** – this includes all TCAP tested grades and subjects from fourth to eighth grade. Algebra I administered in eighth grade would not be included.
- V. TCAP: School-wide: Literacy** – this includes only the growth associated with TCAP Reading for students in fourth through eighth grade.
- W. TCAP: School-wide: Numeracy** – this includes only the growth associated with TCAP Math for students in fourth through eighth grade. Algebra I administered in eighth grade would not be included.
- X. TCAP: School-wide: Literacy and Numeracy** – this includes only the growth associated with TCAP Math and Reading for students in fourth through eighth grade. Algebra I administered in eighth grade would not be included.
- Y. EOC: School-wide: Composite** – this includes all EOC tested grades and subjects.
- Z. EOC: School-wide: Literacy** – this includes only the growth associated with English I, II and III.
- AA. EOC: School-wide: Numeracy** – this includes only the growth associated with Algebra I and II.
- AB. EOC: School-wide: Literacy and Numeracy** – this includes only the growth associated with Algebra I and II and English I, II and III.
- AC. SAT 10: School-wide: Composite** – For first and second grade this includes growth associated with all three SAT 10 subject areas for all students who took the SAT 10 in spring 2013 and spring 2014. For third grade this includes growth associated with all four TCAP subject areas for all students who took the SAT 10 in spring 2013 and TCAP in spring 2014.
- AD. SAT 10: School-wide: Literacy** – For first and second grade this includes the growth associated with SAT 10 Reading and Language. For third grade this includes the growth associated with TCAP Reading in 2014 for students who took SAT 10 in the spring of 2013.
- AE. SAT 10: School-wide: Numeracy** - For first and second grade this includes the growth associated with SAT 10 Math. For third grade this includes the growth associated with TCAP Math in 2014 for students who took SAT 10 in the spring of 2013.
- AF. SAT 10: School-wide: Literacy and Numeracy** - For first and second grade this includes the growth associated with SAT 10 Math, Reading and Language. For third grade this includes the growth associated with TCAP Math and Reading in 2014 for students who took SAT 10 in the spring of 2013.

The **teacher-level** file includes the following columns:

- A. License_Number** –the teacher’s license number
- B. Lastname** – the teacher’s last name
- C. Firstname** – the teacher’s first name
- D. District_code** – the state assigned district number that is unique to the district
- E. School_code** – the state assigned school number
- F. Level_id** – the individual growth score that will count for 35% of the teacher’s overall level of effectiveness. This will include three years of data when available.

Frequently Asked Questions

What is the definition of a CTE Concentrator?

A CTE concentrator is defined as a student who earned three credits within a program of study or program area.

How are CTE Concentrators identified?

Students are labeled as CTE concentrators in the eTiger system. This happens at the teacher level within the school, and then the CTE Director at the district level approves them.

What is the definition of a CTE Student?

A CTE student is defined as a student who has earned at least one credit in a CTE program of study.

How are CTE Students identified?

Students are identified as CTE students through EIS records.

How is the K-2 Assessment, formerly known as SAT 10, used to calculate growth?

The K-2 Assessment, formerly known as SAT 10, is included in school-wide composites and system-wide composites in districts that administered the assessment. All subject and grade combinations are weighted equally. Third grade data is included in the K-2 Assessment composite rather than the TCAP composite because it is based on the K-2 Assessment baseline from the spring of 2013 and uses the same methodology as the other K-2 Assessment calculations.

Since growth calculations are based on testing history, the key to calculating growth from two different assessments is whether performance on one assessment is predictive of performance on the other assessment. At the end of the 2011-12 school year, SAS, our vendor that calculates TVAAS scores, did an analysis of the K-2 Assessment data and found that performance on the K-2 Assessment is predictive of performance on the TCAP. This methodology is similar to using performance on the TCAP to predict performance on an EOC assessment. To establish the predictive nature of one assessment on another, it does not matter if one assessment is norm-referenced and the other is criterion-referenced. One way to think about the predictive nature of SAT 10 and TCAP is to recognize that a student who does well on the K-2 Assessment is also likely to do well on the TCAP.

How can a composite score be lower than the literacy and numeracy scores?

For the TCAP and EOC: Since the TCAP and EOC only include subject-specific tests for the literacy and numeracy, there are several additional test subjects that are included in the composite score but excluded in the literacy and numeracy scores. These subjects include: TCAP Science, TCAP Social Studies, EOC US History, and EOC Biology. It is possible that growth in these subject areas could be lower than

the growth on the tests included in the literacy and numeracy calculations, which would bring down the composite scores.

For the K-2 Assessment (formerly known as SAT 10): While literacy and numeracy includes all three subject areas on the K-2 Assessment, the K-2 Assessment composite also includes the growth associated with all four subject areas of third grade TCAP. This may result in a composite growth score that is different than the literacy and numeracy score.

What if some of our tested teachers were not included on the file with individual teacher growth?

Any teacher who administered a state assessment but did not receive an individual growth score most likely did not claim a sufficient number of students with prior testing history.

What if some of our tested teachers claimed enough students but did not get an individual growth score?

Common reasons that teachers who claimed enough students but did not get an individual growth score include the following scenarios:

- *For the K-2 Assessment (formerly known as SAT 10) and EOC:* Teachers must claim at least 10 separate students with testing history who add up to 6 full-time equivalent students to earn an individual growth score.
- *For TCAP:* Teachers must claim at least 6 full-time equivalent students to earn an individual growth score.
- Students must have sufficient prior testing history to be included in the TVAAS calculations to ensure that we have reliable data to assess growth. Students must have taken at least three prior assessments, and subject-specific components of a state assessment do count as separate tests. Since the TVAAS calculations have to include sufficient prior testing history, if some of the students in the class did not have sufficient prior testing history, they would not be included in the calculations.
- Students that were claimed by a teacher but were labeled as part-time during the linkage process due to insufficient instructional days would not be included in the individual growth score calculation.

Are Chemistry scores included in district and school level TVAAS composites?

As with all EOCs, Chemistry growth data is included in the relevant district and school level TVAAS composites. Chemistry teachers will also have individual growth scores provided they claimed sufficient students with sufficient testing history. As in all other subjects, growth calculations for Chemistry utilize scale scores, so it is possible to generate a growth score prior to standard setting and approval of proficiency cut scores.

How will my scores be combined if I teach multiple TCAP or EOC assessments?

A growth score will be computed for each assessment and then combined and weighted based on the number of subject/grades/years in TCAP and the number of subject/years in EOC. For example, if a teacher teaches English I and has two years of value-added data, and also teaches English II and only has current year data, then English I will have 2/3rd weight and English II will have 1/3rd weight. This is because there is 2 years of available English I data and 1 year of available English II data.

How will my scores be combined if my students take both a TCAP and EOC assessment?

A TCAP growth score and an EOC growth score will be computed separately and then combined. The scores will be weighted based on the number of subject/grades/years in TCAP and the number of subject/years in EOC. For instance if a teacher taught, 7th and 8th grade math and has TCAP value-added data for three years and that teacher also taught Algebra I and has two years of EOC value-added data, then the TCAP growth score will have a 6/8th weight and the EOC growth score will have a 2/8th weight. This is because there are six years of available TCAP data and two years of available EOC data for the teacher.

For further information about individual TVAAS scores, please visit the [TVAAS site](#).