# Education Data-School Tools and Resources Toolkit (ED-START Toolkit)

ED-START is a educational data and resource center for school leaders, educators and staff, school counselors, and families and communities. The toolkit provides data informed decision making tools and resources that leads to school improvement, student growth & achievement, and prepare our students to be college & career ready.

*(Click on an icon for further information)*

**Strong Leadership**

**Effective Teachers**

**Redesigned Schedules for Additional Time**

**Family and Community Engagement**

**College & Career Ready**

**Rigorous Aligned Instructional Program**

**Use of Data for Continuous Improvement**

**Safe and Healthy Students**

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# Strong Leadership

The principal demonstrates strong and effective leadership with improving achievement and is able to lead turnaround efforts, the principal has the experience, knowledge and skills in areas of scheduling, staff, curriculum, and budget.

Pennsylvania Leadership Standards:
Core Standards:
- The leader has the knowledge and skills to think and plan strategically, creating an organizational vision around personalized student success.
- The leader has an understanding of standards-based systems theory and design and the ability to transfer that knowledge to the leader's job as the architect of standards-based reform in the school.
- The leader has the ability to access and use appropriate data to inform decision-making at all levels of the system.

Corollary Standards:
- The leader knows how to create a culture of teaching and learning with an emphasis on learning.
- The leader knows how to manage resources for effective results.
- The leader knows how to collaborate, communicate, engage and empower others inside and outside of the organization to pursue excellence in learning.
- The leader knows how to operate in a fair and equitable manner with personal and professional integrity.
- The leader knows how to advocate for children and public education in the larger political, social, economic, legal and cultural context.
- The leader knows how to support professional growth of self and others through practice and inquiry.

# GROWTH AND ACHIEVEMENT DATA & RESOURCES

## Data & State Assessments

PIMS Data, Reporting & Statistics & Resources: The Pennsylvania Department of Education compiles and analyzes a wide variety of information about schools, student progress, graduation rates, school districts, and other useful statistics.
- PIMS Manual, PIMS Collection How-To-Guides & Data Collection Calendar
- MyPDESuite Login
- Professional and Support Personnel
- Enrollment Reports and Projections
- Graduate Data and Statistics
- Cohort Graduation Rate
- Dropout Data and Statistics

Pennsylvania Data Quality Curriculum (DQC): The DQC is a tool for local education agencies (LEAs) to increase the quality of data submitted to the Pennsylvania Department of Education, thereby reducing costly data errors and staff time.

Assessment and Accountability: The Pennsylvania state assessment system includes the reporting associated with the results of the Pennsylvania System of School Assessment (PSSA), the Pennsylvania Alternate System of Assessment (PASA), the Pennsylvania Accountability System (PAS), the Pennsylvania Value-Added Assessment System (PVAAS), the Keystone Exams (end-of-course), Classroom Diagnostic Tools (CDT) and the National Assessment of Educational Progress (NAEP).
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- National Assessment of Educational Progress (NAEP): NAEP is the national representative assessment of what America's students know and can do in core subject areas. Teachers, administrators, parents, policymakers and researchers all use NAEP results to assess progress and develop ways to improve education in America.
  - Nation/Pennsylvania Report Card
  - Parents' Frequently Asked Questions about NAEP

[Career and Technical Education](#)
- o [NOCTI Assessments](#): NOCTI (National Occupational Competency Testing Institute) Job Ready Student Assessments
- o [A Guide to Student Occupational Competency Testing in Pennsylvania](#)

[PVAAS](#):
PVAAS is a statistical analysis of Pennsylvania PSSA and Keystone state assessment data, and provides Pennsylvania districts and schools with growth data to add to achievement data. Utilizing all the data available (growth and achievement), educators are able to make data-informed instructional decisions to ensure the academic growth and achievement of all students.
- o PVAAS Growth & Achievement reports can answer these questions:
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  - – [Student/Teacher Growth and Achievement Reports Log In](#):
  - – [PVAAS Statewide Data](#): The PVAAS Scatterplots visually display the achievement and growth data from the statewide PSSA and Keystone results.
  - – [PVAAS Resources by Role](#)
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- o [KEI District-Admin Reporting Manual](#)

Updated 9-28-18

[Special Education](#)
- o    [Special Education Data Reporting](#)

[eDIRECT-PSSA, Keystone & CDT Assessment Reports](#): This website enables you to post and access tested and final student assessment files, links to program tools and provides information for these three Pennsylvania testing programs.
- o    [PSSA](#)
- o    [Keystone](#)
- o    [Classroom Diagnostic Test (CDT)](#)

[eMetric-Pennsylvania Student Assessment Data (PSSA, Keystone & PASA):](#) eMetric provides valuable information and interactive data about your district level only final performance on the Pennsylvania System of School Assessment (PSSA), Keystone Exams including the alternate and modified assessments.

Educator Dashboard Early Warning System: Pennsylvania Department of Education provides a free tool to LEAs that will support increased graduation rates, student achievement and strengthening community partnerships. The Early Warning System (EWS) is based on Johns Hopkins research on dropout prevention by Dr. Robert Balfanz, the Early Warning System uses Attendance, Behavior and Course Grades (ABC's). The EWS identifies students before they dropout.
- o    [MyPDESuite Log In](#)
- o    [Educator Dashboard Early Warning System and Intervention Catalog Frequently Asked Questions](#): The Intervention Catalog (IC) is a customizable tool that contains district-specific interventions. The IC enables School Districts to increase community partnerships and provides a quick reference tool for SAP teams.
- o    [SAS-Early Warning System](#)

[Safe Schools Online](#)
- o    [School Climate](#): A positive school climate undergirds academic achievement and creates a supportive context for personalize learning to flourish.

[Everyone Graduates Center](#): This website is a resource for the Pennsylvania Department of Education and participating schools who are working to implement Early Warning Systems within their school or district. National resources and a Professional Development module is available.

[Pennsylvania State Data Center](#)

[Required Federal Reporting Measures](): A Required Federal Reporting Measure is a critical tool both for promoting State, LEA, and school accountability, and for engaging parents and communities in meaningful discussions about the academic challenges and opportunities facing their schools. Accurate and timely information brings transparency to education policies, uncovers academic challenges and deficits, and highlights areas in which the State, LEA, and schools have made gains.

[NCES-National Forum on Education Reports, Statistics and Publications](): The Forum strives to provide states, districts, and schools with helpful advice on the collection, maintenance, and use of elementary and secondary education data. All Forum publications and resources are free of charge and can be accessed through this website, along with and a large collection of other helpful resources related to education data.
- o [The Elementary/Secondary Information System (ElSi):]() ElSi is an NCES web application that allows users to quickly view public and private school data and create custom tables and charts using data from the Common Core of Data (CCD) and Private School Survey (PSS).
- o [Data & Tools]()
- o [Publications]():

[Data for Decisions Resources]()

**Policy & Funding**

[Policy & Funding Resources]()

[Consolidated Financial Reporting System]()
- o [Consolidated Financial Reporting System User Manuals](): Online application for the collection of both Annual Financial Report (AFR) and General Fund Budget (GFB) data.

[Basic Education Circulars (BECs):]() BEC provides the Pennsylvania Department of Education guidance on the implementation of law, regulation and policy.

[School Finances]()

[Education Budget]()

[Professional Development & Support]()

[Pennsylvania Educator Effectiveness Rating System (PEERS):]() PEERS allows all administrators and teachers across the state to view their evaluation metrics, and to capture and store this information. The system pre-populates Act 82 forms for educators with data from PIMS and allows evaluators to input final ratings for each evaluation component.
- o [Log In]()
- o [PEERS Resources]()

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Principals & Directors:
- SAS Leadership System Login: The SAS Leadership System is designed for educator professional growth. This web-based system provides educators with a personalized set of resources and tools to support individual leadership and organizational development.
- Framework for Leadership (PDF):
- Leadership Effectiveness Resources for Principals & Career and Technology Centers Directors
- Principal Evaluation Rubric
- Principal/School Leader Rating Form (Act 82-2)
- Certification Fees, Forms and Resources
- Continuing Education
- What Leadership Programs are available?
  - ACT 45/PA Inspired Leadership (PIL) Program
  - Pennsylvania Institute for Instructional Coaching (PIIC)
- PERMS-Professional Education Record Management System

Teachers:
- Educator Effectiveness
- The Framework for Teaching Rubric: Pennsylvania has adopted Charlotte Danielson's Framework for Teaching as the overarching vision for effective instruction in the Commonwealth. The model focuses the complex activity of teaching by defining four domains of teaching responsibility.
- Pennsylvania Teacher Certification
- Classroom Teacher Rating Form (Act 82-1)
- Continuing Education-ACT 48
- Teacher Information Management System(TIMS)

Non-Teaching Professionals:
- Rubric Assessments
- Certification
- Non-Teaching Professionals Rating Form (Act 82-3)

Calendar of Events:
- PIMS Data Reporting and Webinar Calendar
- PDE Webinars
- PaTTAN Calendar
- SAS News & Updates
- PVAAS Professional Learning Calendar
- Pennsylvania Data Quality Curriculum
- Data Quality Network

**Curriculum & Instruction**

[The Future Ready PA Index:](#)
Establishes a system of school performance measures that moves beyond point-in-time achievement and values schools' efforts to help all students learn, grow, and succeed in the classroom and beyond.
- [Future Ready PA Index indicators](#) are divided into three main categories, as listed below.
  1. [State Assessment Measures](#):
     - Percent Proficient or Advanced on PSSA/Keystone Exam (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
     - Meeting Annual Growth Expectations (PVAAS) (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
     - Percent Advanced on PSSA/Keystone Exam (Mathematics/Algebra I, Science/Biology, and English Language Arts/Literature)
  2. [On-Track Measures](#):
     - [English Language Proficiency](#)* (NEW Indicator)
     - [Chronic Absenteeism](#)* (NEW Indicator)
     - [Grade 3 Reading/Grade 7 Mathematics Early Indicators of Success](#) (NEW Indicator)
  3. [College and Career Measures](#):
     - [Graduation Rate](#)*
     - [Career Readiness Benchmark](#)* (NEW Indicator)
     - [Industry Based Learning, including Industry Standards-Based Competency Assessments, High Value Industry Recognized Credentials, or Work Based Learning Experiences](#) (NEW Indicator)
     - [Rigorous Courses of Study, including Advanced Placement (AP)/International Baccalaureate (IB)/College Course Offerings, or CTE Career Pathways](#)
     - [Post-Secondary Transition to School, Military, or Work](#) (NEW Indicator)
  *Indicators required for [ESSA accountability](#) (annual meaningful differentiation) and identification of schools in need of improvement.

  [OVERVIEW OF THE FUTURE READY PA INDEX DASHBOARD](#)

ESSA & ESEA Flexibility-7 School Improvement Turnaround Principles Resource:
- [Every Student Succeeds Act (ESSA) Consolidated State Plan](#)
- [ESEA - School Improvement Turnaround Principles](#)
  - [School Improvement/Turnaround Principles Poster](#) (PDF)

[K-12 School Counseling Plan-Chapter 339 Plan Resources](#): Pennsylvania requires all school districts to have a K-12 School Counseling Plan as part of Chapter 339. Resources on this page, as well as this entire Toolkit website, serve as core content to help districts build their plan.

[General Information Regarding Child Accounting](#): Documents that will provide all LEAs with information on topics such as child accounting terminology, instructional time, concerns related to homeless students, and other child accounting topics.

[Educator Ethics and Conduct Toolkit](#): Through case studies and suggested readings, these materials are intended to complement classroom instruction for teachers.

Attendance & Truancy [(Future Ready PA Index: Chronic absenteeism reporting)](#)
- o [School Attendance/Child Accounting Data Reporting](#)
- o [Pennsylvania School Attendance Improvement and Truancy Reduction Toolkit](#)
- o [School Attendance-Strategies for Schools, Families and Youth](#)

[Standards Aligned System (SAS)](#):
SAS is a comprehensive, researched-based resource to improve student achievement and growth.
- o [Curriculum](#)
- o [Instruction](#)
- o [Assessment](#)
- o [Analyzing Root Cause](#)

[S.T.E.M. - Careers in Science, Technology, Engineering, and Math](#):
- o [Find a Career (Career Cluster)](#)
- o [STEM Research Form](#)

[Career and Technical Education Resources:](#) CTE in Pennsylvania is designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.
- o [Pennsylvania CTE Resource Center](#)
- o [Supporting CTE Students Transition to College and Career (PDF)](#) : The report provides promising examples of the following types of supports:
  - – Preparing for College and Career:  Events and Opportunities
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  - – Offering Specialized Support from Guidance and Career Counselors
  - – Supporting Students with Special Needs
- o [Career Technical Education (CTE) - Learning that works for Pennsylvania](#): Career and technical education in Pennsylvania is a dynamic path that engages learners while preparing them for both college and careers. The purpose of this website is to disseminate the promising and innovative practices taking place in PA's career and technical centers and encourage educators to replicate ideas and share their own.

[PA Career Zone-Educators Corner](#): Pennsylvania CareerZone allows educators to develop, implement, and manage a complete career and transition planning curriculum.

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English Language Proficiency:
- o [ESL Portal PA](#): An online resource of professional learning opportunities and instructional materials that supports Pennsylvania educators and community organizations as they strive to provide equitable, high quality educational programs for English learners and their families. The portal also links to updated federal and state guidance, current educational research, instructional practice and more.
- o [Limited English Proficiency Student Counts by School reports](#)
- o Future Ready PA Index: [English Language Proficiency Indicator](#)

[Special Education](#)
- o [Special Education Data Reporting](#)
- o [Education Leaders](#): Education Leader is designed to provide special education administrators with information they will need to know as they lead special education services and supports to ensure success for all students with individualized education programs (IEPs).
- o [Principals Understanding how to Lead Special Education (PULSE)](#)
- o [Optimized Inclusive Practices in Pennsylvania Professional Development:](#)The modules are designed to support district and school leaders, classroom educators, related service providers, and others in the implementation of optimized inclusive practices for students with low incidence and significant cognitive disabilities in Pennsylvania.

[Students with Significant Cognitive Disabilities](#): Implementation of Effective Assessment and Instructional Practices Aligned to Pennsylvania Standards.
- o [The Pennsylvania Alternate System of Assessment Resources (PASA):](#) PASA is a statewide alternate assessment designed for students with the most significant cognitive disabilities

[Comprehensive Planning:](#) Guides/tools for planning purposes provided by the CAIU and The PA Planning Team. The Comprehensive Planning (CP) process contains six sections: Profile, Core Foundations, Assurances, Needs Assessment, Action Planning, and Plan Submission.

[Best Practices in Comprehensive/School Improvement Planning - Action Plans Video (The PA Planning Team):](#)

[Everyone Graduates Center:](#) This website is a resource for the Pennsylvania Department of Education and participating schools who are working to implement Early Warning Systems within their school or district. National resources and a Professional Development module is available.

[PaTTAN (Pennsylvania Training and Technical Assistance Network)](#)
- o [Your Role on Data Analysis Teams (PDF)](#)

[Pennsylvania Intermediate Units](#):
- o [Keystone Catalog](#)

## Effective Teachers

Local education agencies and principals determine teachers are effective and able to improve instruction by: ensuring the quality of all teachers by determining their effectiveness and ability to be successful in the turnaround effort, and by providing job-embedded ongoing professional development informed by the teacher evaluation and support systems and tied to teacher and student needs.

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- Data & Tools
- Publications

Your Role on Data Analysis Teams

**Professional Training & Development**

Professional Development & Support

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- [Strategic Discussions between Principals and Teachers-Possible Guiding Questions](#)
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- [Pennsylvania Educator Effectiveness Rating System (PEERS):](#) PEERS allows all administrators and teachers across the state to view their evaluation metrics, and to capture and store this information. The system pre-populates Act 82 forms for educators with data from PIMS and allows evaluators to input final ratings for each evaluation component.
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Continuing Professional Education Resources:
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- [Certifications](#)
- [PERMS-Professional Education Record Management System](#)

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Calendar of Events:
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*Indicators required for ESSA accountability (annual meaningful differentiation) and identification of schools in need of improvement.

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Educator Ethics and Conduct Toolkit: Through case studies and suggested readings, these materials are intended to complement classroom instruction for teachers

Pennsylvania Equity and Inclusion Toolkit: The Equity and Inclusion Toolkit, a resource to help schools prevent and respond to racially charged and bias-related incidents in their communities.

Teachers' Desk Reference: The Teachers' Desk Reference is designed to provide classroom resources to the new and veteran teacher.

Center for Teaching Quality

General Information Regarding Child Accounting: Documents that will provide all LEAs with information on topics such as child accounting terminology, instructional time, concerns related to homeless students, and other child accounting topics.

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The Standards Aligned System (SAS): SAS is a comprehensive, researched-based resource to improve student achievement and growth.
- Standards
- Assessment
- Instruction

- o Analyzing Root Cause-Digging Deeper
- o Curriculum Framework
- o Materials & Resources

S.T.E.M. - Careers in Science, Technology, Engineering, and Math:
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- o Future Ready PA Index: English Language Proficiency Indicator

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- o KEI District-Admin Reporting Manual (PDF)

Special Education:
- o Special Education Data Reporting: Public Reporting, Data Management, Annual Federal Data Reports and Additional Reports. Much of the data contained within these Special Education Data Reports are collected by the Intermediate Units and reflect the data as submitted to them by the individual School Districts using various media.

Students with Significant Cognitive Disabilities: Implementation of Effective Assessment and Instructional Practices Aligned to Pennsylvania Standards.

- o The Pennsylvania Alternate System of Assessment Resources (PASA): PASA is a statewide alternate assessment designed for students with the most significant cognitive disabilities

PaTTAN (Pennsylvania Training and Technical Assistance Network)

Pennsylvania Intermediate Units:
- o Keystone Catalog

Pennsylvania Learns iTunes U

## Redesigned Schedules for Additional Time

Redesign the school day, week, or year to include additional time for student learning and teacher collaboration.

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- o National Assessment of Educational Progress (NAEP): NAEP is the national representative assessment of what America's students know and can do in core subject areas. Teachers, administrators, parents, policymakers and researchers all use NAEP results to assess progress and develop ways to improve education in America.
  - – Nation/Pennsylvania Report Card
  - – Parents' Frequently Asked Questions about NAEP

PVAAS: PVAAS is a statistical analysis of Pennsylvania PSSA and Keystone state assessment data and provides Pennsylvania districts and schools with growth data to add to achievement data. Utilizing all the data available (growth and achievement), educators are able to make data-informed instructional decisions to ensure the academic growth and achievement of all students.
- o PVAAS Growth & Achievement reports can answer these questions:
  - – Is our instructional program working for all students? At all grades? In all subjects?
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  - – Is each student on a trajectory to reach college benchmark scores on national college entrance exams (Advanced Placement (AP), ACT, PSAT and SAT)?
- o PVAAS Data & Resources
  - – Student/Teacher Growth and Achievement Reports Log In
  - – PVAAS Statewide Data: The PVAAS Scatterplots visually display the achievement and growth data from the statewide PSSA and Keystone results.
  - – PVAAS Resources by Role
  - – Digging Deeper Resources
  - – Digging Deeper-Students with a History of Higher Achievement
  - – Digging Deeper-Students with a History of Lower Achievement
  - – PVAAS Guides & "How -To"
  - – Q&A

- PVAAS Professional Learning Calendar
- PVAAS Help Guides

Pennsylvania Kindergarten Entry Inventory: The PA KEI is a teacher-reported measure of children's competencies at the start of kindergarten. Teachers will use this information to inform their classroom instruction. A secondary purpose is to provide state, district, and school administrators with an evidence-supported, descriptive snapshot of children's competencies at kindergarten entry.
  o KEI District-Admin Reporting Manual (PDF)

Safe Schools On-Line

NCES-National Forum on Education Reports, Statistics and Publications: The Forum strives to provide states, districts, and schools with helpful advice on the collection, maintenance, and use of elementary and secondary education data. All Forum publications and resources are free of charge and can be accessed through this website, along with and a large collection of other helpful resources related to education data.
  o The Elementary/Secondary Information System (EISi): EISi is an NCES web application that allows users to quickly view public and private school data and create custom tables and charts using data from the Common Core of Data (CCD) and Private School Survey (PSS).
  o Data & Tools
  o Publications

PDE-Data Quality Curriculum (DQC): The DQC is a tool for local education agencies (LEAs) to increase the quality of data submitted to the PDE, thereby reducing costly data errors and staff time.

Your Role on Data Analysis Teams (PDF)

**Curriculum & Instruction**

The Future Ready PA Index: Establishes a system of school performance measures that moves beyond point-in-time achievement and values schools' efforts to help all students learn, grow, and succeed in the classroom and beyond.

General Information Regarding Child Accounting: Documents that will provide all LEAs with information on topics such as child accounting terminology, instructional time, concerns related to homeless students, and other child accounting topics.

School Climate: A positive school climate undergirds academic achievement and creates a supportive context for personalize learning to flourish.

Center for Teaching Collaboration: A virtual community for connecting, learning, and innovating with teachers to transform education.

Standards Aligned System (SAS): SAS is a comprehensive, researched-based resource to improve student achievement and growth.
  o Login

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- o [Teacher Effectiveness](#)
- o [Curriculum](#)
- o [Instruction](#)

[Early Learning-Pre-Kindergarten to Grade 3 OCDEL (instruction/schedule):](#)Instruction should focus on active engagement and meaningful learning experiences.

[Career and Technical Education Resources:](#)
CTE in Pennsylvania is designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.
- o [Pennsylvania CTE Resource Center](#)
- o [Supporting CTE Students Transition to College and Career (PDF):](#)
  The report provides promising examples of the following types of supports:
  - – Preparing for College and Career:  Events and Opportunities
  - – Encouraging Students to Earn College Credits at the Career and Technical Center
  - – Offering Specialized Support from Guidance and Career Counselors
  - – Supporting Students with Special Needs
- o [Career Technical Education (CTE) - Learning that works for Pennsylvania:](#) Career and technical education in Pennsylvania is a dynamic path that engages learners while preparing them for both college and careers. The purpose of this website is to disseminate the promising and innovative practices taking place in PA's career and technical centers and encourage educators to replicate ideas and share their own.

[Special Education:](#)
- o [Special Education Data Reporting](#): Public Reporting, Data Management, Annual Federal Data Reports and Additional Reports. Much of the data contained within these Special Education Data Reports are collected by the Intermediate Units and reflect the data as submitted to them by the individual School Districts using various media.

[Students with Significant Cognitive Disabilities:](#) Implementation of Effective Assessment and Instructional Practices Aligned to Pennsylvania Standards.
- o [The Pennsylvania Alternate System of Assessment Resources (PASA](#)): PASA is a statewide alternate assessment designed for students with the most significant cognitive disabilities

[English Language Proficiency-ESL Portal PA:](#) An online resource of professional learning opportunities and instructional materials that supports Pennsylvania educators and community organizations as they strive to provide equitable, high quality educational programs for English learners and their families. The portal also links to updated federal and state guidance, current educational research, instructional practice and more.
- o [Limited English Proficiency Student Counts by School reports](#)
- o Future Ready PA Index: [English Language Proficiency Indicator](#)

## Rigorous Aligned Instructional Program

Strengthen the school's instructional program based on student needs and ensuring that the instructional program is research-based, rigorous, and aligned with State academic content standards.

## GROWTH AND ACHIEVEMENT DATA & RESOURCES

### Data & State Assessments

Assessment and Accountability: The Pennsylvania state assessment system includes the reporting associated with the results of the Pennsylvania System of School Assessment (PSSA), the Pennsylvania Alternate System of Assessment (PASA), the Pennsylvania Accountability System (PAS), the Pennsylvania Value-Added Assessment System (PVAAS), the Keystone Exams (end-of-course), Classroom Diagnostic Tools (CDT) and the National Assessment of Educational Progress (NAEP).

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[Special Education:](#)
- [Special Education Data Reporting](#)

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**Curriculum & Instruction**

[The Future Ready PA Index:](#)
Establishes a system of school performance measures that moves beyond point-in-time achievement and values schools' efforts to help all students learn, grow, and succeed in the classroom and beyond.
- [Future Ready PA Index indicators](#) are divided into three main categories, as listed below.

1. State Assessment Measures:
   - Percent Proficient or Advanced on PSSA/Keystone Exam (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
   - Meeting Annual Growth Expectations (PVAAS) (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
   - Percent Advanced on PSSA/Keystone Exam (Mathematics/Algebra I, Science/Biology, and English Language Arts/Literature)
2. On-Track Measures:
   - English Language Proficiency* (NEW Indicator)
   - Chronic Absenteeism* (NEW Indicator)
   - Grade 3 Reading/Grade 7 Mathematics Early Indicators of Success (NEW Indicator)
3. College and Career Measures:
   - Graduation Rate*
   - Career Readiness Benchmark* (NEW Indicator)
   - Industry Based Learning, including Industry Standards-Based Competency Assessments, High Value Industry Recognized Credentials, or Work Based Learning Experiences (NEW Indicator)
   - Rigorous Courses of Study, including Advanced Placement (AP)/International Baccalaureate (IB)/College Course Offerings, or CTE Career Pathways
   - Post-Secondary Transition to School, Military, or Work (NEW Indicator)

*Indicators required for ESSA accountability (annual meaningful differentiation) and identification of schools in need of improvement.

OVERVIEW OF THE FUTURE READY PA INDEX DASHBOARD


The Standards Aligned System (SAS): SAS is a comprehensive, researched-based resource to improve student achievement and growth
- Standards
- Assessment
- Curriculum Framework
- Instruction
- Materials & Resources
- Keystone Project Based Assessments


Kindergarten - 12th Grade Areas of Interest
Early Learning:
- Office of Child Development and Early Learning (OCDEL) Research
- Framework for a comprehensive and aligned assessment system for Pennsylvania (PDF)
- PDE Resources
- Child Care Providers & Other Early Learning Programs (PA Compass)
- PA Key works with the Office of Child Development & Early Learning (OCDEL)

S.T.E.M. - Careers in Science, Technology, Engineering, and Math:
- o Find a Career (Career Cluster)
- o STEM Research Form
- o Standards Aligned System (SAS)

Dual Credit Program Toolkit for Pennsylvania School Entities (PDF): This toolkit provides a resource for secondary school entities to review and consider when developing and implementing dual credit programs

Career and Technical Education Resources: CTE in Pennsylvania is designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.
- o Pennsylvania CTE Resource Center
- o Supporting CTE Students Transition to College and Career (PDF): The report provides promising examples of the following types of supports:
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Students with Significant Cognitive Disabilities: Implementation of Effective Assessment and Instructional Practices Aligned to Pennsylvania Standards

Literacy Resources:
- o Literacy for Life Toolkit
- o SAS-Comprehensive Literacy
- o Literacy for Life Posters
- o Great Literacy Websites for Parents and Kids

English Language Proficiency-ESL Portal PA: An online resource of professional learning opportunities and instructional materials that supports Pennsylvania educators and community organizations as they strive to provide equitable, high quality educational programs for English learners and their families. The portal also links to updated federal and state guidance, current educational research, instructional practice and more.
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You Need Data to Personalize Learning

# Use of Data for Continuous Improvement

Use data to inform instruction and for continuous improvement, including providing time for collaboration on the use of data.

## GROWTH AND ACHIEVEMENT DATA & RESOURCES

**Data & State Assessments**

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OVERVIEW OF THE FUTURE READY PA INDEX DASHBOARD

PIMS Data, Reporting & Statistics & Resources: The Pennsylvania Department of Education compiles and analyzes a wide variety of information about schools, student progress, graduation rates, school districts, and other useful statistics.
- PIMS Manual, PIMS Collection How-To-Guides & Data Collection Calendar
- MyPDESuite Login
- Professional and Support Personnel
- Enrollment Reports and Projections
- Graduate Data and Statistics
- Cohort Graduation Rate
- Dropout Data and Statistics
- Additional reports are also available

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- o [Keystone](#)
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Educator Dashboard Early Warning System: A tool which will support increased graduation rates, student achievement and strengthening community partnerships.
- o [MyPDESuite Log In](#)
- o [Educator Dashboard Early Warning System and Intervention Catalog Frequently Asked Questions (PDF)](#)
- o [SAS-Early Warning System](#)

[Special Education:](#)
- o [Special Education Data Reporting](#)

Attendance & Truancy [(Future Ready PA Index: Chronic absenteeism reporting)](#)
- o [School Attendance/Child Accounting Data Reporting](#)
- o [Pennsylvania School Attendance Improvement and Truancy Reduction Toolkit](#)
- o [School Attendance-Strategies for Schools, Families and Youth (PDF)](#)

[Safe Schools Online](#)
- o [Safe Schools Resources](#)

[Required Federal Reporting Measures:](#) A Required Federal Reporting Measure is a critical tool both for promoting State, LEA, and school accountability, and for engaging parents and communities in meaningful discussions about the academic challenges and opportunities facing their schools. Accurate and timely information brings transparency to education policies, uncovers academic challenges and deficits, and highlights areas in which the State, LEA, and schools have made gains.

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- o Data & Tools
- o NCES-Distance Learning Dataset Training: The Distance Learning Dataset Training (DLDT) system is an online, interactive tool that allows you to learn about the National Center for Education Statistics (NCES) data products across the education spectrum and evaluate them for your particular purposes. The DLDT modules are designed to introduce you to many NCES datasets, their design, and special considerations for analysis to facilitate effective use.
- o Publications: The Forum strives to provide states, districts, and schools with helpful advice on the collection, maintenance, and use of elementary and secondary education data. All Forum publications and resources are free of charge and can be accessed through this website, along with and a large collection of other helpful resources related to education data.

Pennsylvania Educator Effectiveness Rating System (PEERS):

- o Log In
- o PEERS Resources

Your Role on Data Analysis Teams (PDF)

Data Quality Network (DQN): A site that optimizes the governance, quality, and application of data in order to improve the delivery of educational opportunities to students...

Data Quality Curriculum (DQC): The DQC is a tool for local education agencies (LEAs) to increase the quality of data submitted to the PDE, thereby reducing costly data errors and staff time.

- o You Need Data to Personalize Learning

Office of Child Development and Early Learning (OCDEL) Research

Open Data Pennsylvania-Schools That Teach: The data is available in order to measure government performance, engage citizens, create economic opportunities, and develop innovative policy solutions. See the first released data sets on Governor Tom Wolf's Schools That Teach performance metrics.

Data for Decisions: This site seeks to help education stakeholders—including educators, policymakers, and researchers—access solution-driven tools, resources, and research to inform their practice and develop a better understanding of how high-quality data use can successfully inform teaching and learning.

# Safe and Healthy Students

Establish a school environment that improves school safety and discipline and addressing other non-academic factors that impact student achievement, such as students' social, emotional, and health needs.

## DATA & RESOURCES

**Safe Students Data & Resources**

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Pennsylvania Equity and Inclusion Toolkit: The Equity and Inclusion Toolkit, a resource to help schools prevent and respond to racially charged and bias-related incidents in their communities.

Pennsylvania School Resource Guide for Disaster Evacuees (PDF)

Fire Drills and Bus Evacuations

Federal Guidance on Developing High-Quality Emergency Operations Plans for Schools and Institutions of Higher Education (PDF)

Safe Schools Online
   - Safe Schools Resources

National School Safety Center

Equity and School Climate: This webinar introduces an equity-focused school climate model. It concludes with some initial next steps that regional coordinators can take with their schools and offers protocols to support these efforts.

What is School Climate and Why is a Positive School Climate Important?

U.S. Department of Education-Guide for Improving School Climate and Discipline (PDF)

Attendance & Truancy (Future Ready PA Index: Chronic absenteeism reporting)
- o School Attendance/Child Accounting Data Reporting
- o Pennsylvania School Attendance Improvement and Truancy Reduction Toolkit
- o School Attendance-Strategies for Schools, Families and Youth (PDF)

SAS-Safe & Supportive Schools & Early Warning System Resources

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- o Educator Dashboard Early Warning System and Intervention Catalog Frequently Asked Questions (PDF)
- o SAS-Early Warning System

Keystone STARS: Keystone STARS is a quality rating system that promotes quality improvement in early learning and development programs and school-age child care. A Keystone STARS designation informs parents that their children are in a safe, respectful environment in which they are learning new things every day to support their current and future successes in school and in life.
- o Keystone STARS-COMPASS: Find Child Care and Other Early Learning Programs.

Special Education:
- o Special Education Data Reporting
- o Physical Education for Students With Disabilities Resources

Bullying Prevention:
- o Toolkit and Guide
- o Posters (PDF)

Marijuana Talk Kit

Pennsylvania Department of Drug and Alcohol Programs
- o PA GET HELP NOW 1-800-662-4357 (HELP)

[Pennsylvania Positive Behavior Support:](#) The PA Positive Behavioral Supports Network is a cross-system group of stakeholders that promote and support the installation of evidence-based strategies, proactive systems and positive approaches to student discipline and behavior change based upon the three-tiered model of support.

[Pennsylvania statewide afterschool youth development network (PSAYDN):](#) PSAYDN promotes sustainable, high-quality out-of-school time youth development programs through advocacy and capacity building to enhance the welfare of Pennsylvania's children, youth and families.

[Pennsylvania Youth Survey Web Tool:](#) The purpose of this website is to present data and information provided by the state of Pennsylvania's Youth Survey (PAYS). Through this website, users can view data that will be useful for planning and evaluating substance abuse and delinquency prevention activities, as well as view specific risk and protective factors.

[Prevention of Youth Violence and Associated Risk Behaviors (PDF)](#)

[Using Evidence-based Strategies in Your Violence Prevention Efforts/Best Practices for Implementation](#)

[Providing Effective Supports for Students](#)

[Alternative Education for Disruptive Youth (AEDY) Programs-Parents Guide (PDF)](#)

[An Introduction to Applied Behavior Analysis (PDF)](#)

[Pennsylvania Strengthening Families:](#) Bringing the Protective Factors Framework to Life in Your Work -- A Resource for Action

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**Healthy Students Resources**

[Pennsylvania School Immunizations Resources](#)

[Vaccines for Children Program:](#) The Pennsylvania Vaccines for Children (VFC) program is a federally funded program that provides vaccines at no cost to children who might not otherwise be vaccinated because of inability to pay.

Food & Nutrition Programs & Initiatives: Adequate and proper nutrition is an essential component to the learning environment and positively contributes to the health of each student. The Pennsylvania Department of Education is committed to ensuring that all children and students have access to healthy meals through the federal Child Nutrition Programs because healthy students are better prepared to learn!

PrimeroEdge: The Pennsylvania Department of Education has purchased PrimeroEdge to provide all Pennsylvania districts with school nutrition software – all at no cost. Districts in Pennsylvania can now sign up and get access to PrimeroEdge's Student Eligibility, Menu Planning, and Production software.

BrainPop-Nutrition: Nutrition, eating habits and preparation choices impact overall health and wellness throughout the lifecycle at individual and societal level. The use of dietary guidelines and the My Pyramid Food Guidance System allows every individual the ability to plan and assess a well-balanced diet.

Supplemental Nutrition Assistance Program (SNAP): These benefits are used to buy food and help eligible low-income households in Pennsylvania obtain more nutritious diets by increasing their food purchasing power at grocery stores and supermarkets.

CN PEARS-Child Nutrition Program Electronic Application and Reimbursement System

School Nutrition Toolbox: Through this site, you can access a variety of on-line training modules related to operation of Child Nutrition Programs.

Child Nutrition Toolbox: Division of Food and Nutrition provides on-line learning modules and certificate courses

Choose MyPlate.gov: MyPlate is a reminder to find your healthy eating style and build it throughout your lifetime. Everything you eat and drink matters. The right mix can help you be healthier now and in the future.

Keystone Kids Go! - PA Nutrition Education Network: An initiative in Pennsylvania focused on improving young children's nutrition and physical activity.

## Family and Community Engagement

Provide ongoing mechanisms for family and community engagement

## GROWTH AND ACHIEVEMENT DATA & RESOURCES

**Data & State Assessment Resources**

The Future Ready PA Index:
Establishes a system of school performance measures that moves beyond point-in-time achievement and values schools' efforts to help all students learn, grow, and succeed in the classroom and beyond.
- o Future Ready PA Index indicators are divided into three main categories, as listed below.
    1. State Assessment Measures:
        - Percent Proficient or Advanced on PSSA/Keystone Exam (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
        - Meeting Annual Growth Expectations (PVAAS) (Mathematics/Algebra I*, Science/Biology, and English Language Arts/Literature*)
        - Percent Advanced on PSSA/Keystone Exam (Mathematics/Algebra I, Science/Biology, and English Language Arts/Literature)
    2. On-Track Measures:
        - English Language Proficiency* (NEW Indicator)
        - Chronic Absenteeism* (NEW Indicator)
        - Grade 3 Reading/Grade 7 Mathematics Early Indicators of Success (NEW Indicator)
    3. College and Career Measures:
        - Graduation Rate*
        - Career Readiness Benchmark* (NEW Indicator)
        - Industry Based Learning, including Industry Standards-Based Competency Assessments, High Value Industry Recognized Credentials, or Work Based Learning Experiences (NEW Indicator)

- ▪ [Rigorous Courses of Study, including Advanced Placement (AP)/International Baccalaureate (IB)/College Course Offerings, or CTE Career Pathways](#)
- ▪ [Post-Secondary Transition to School, Military, or Work](#) (NEW Indicator)

*Indicators required for [ESSA accountability](#) (annual meaningful differentiation) and identification of schools in need of improvement.

[OVERVIEW OF THE FUTURE READY PA INDEX DASHBOARD](#)

[Every Student Succeeds Act (ESSA) Consolidated State Plan](#)

[Data, Reporting & Statistics:](#) The Pennsylvania Department of Education compiles and analyzes a wide variety of information about schools, student progress, graduation rates, school districts, and other useful statistics.
- o [PIMS-MyPDESuite Log in](#)
- o [Enrollment Reports and Projections](#)
- o [Graduate Data and Statistics](#)
- o [Cohort Graduation Rate](#)
- o [Dropout Data and Statistics](#)

[Open Data Pennsylvania-Schools That Teach:](#) The data is available in order to measure government performance, engage citizens, create economic opportunities, and develop innovative policy solutions. See the first released data sets on Governor Tom Wolf's Schools That Teach performance metrics.

[Safe Schools Online](#)
- o [School Climate](#): A positive school climate undergirds academic achievement and creates a supportive context for personalize learning to flourish.

[Required Federal Reporting Measures:](#) A Required Federal Reporting Measure is a critical tool both for promoting State, LEA, and school accountability, and for engaging parents and communities in meaningful discussions about the academic challenges and opportunities facing their schools. Accurate and timely information brings transparency to education policies, uncovers academic challenges and deficits, and highlights areas in which the State, LEA, and schools have made gains.

[Pennsylvania State Data Center](#)

[NCES- The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education:](#)
- o [Data & Tools](#)

Updated 9-28-18

- o **Publications:** The Forum strives to provide states, districts, and schools with helpful advice on the collection, maintenance, and use of elementary and secondary education data. All Forum publications and resources are free of charge and can be accessed through this website, along with and a large collection of other helpful resources related to education data.

**Keystone STARS:** Keystone STARS is a quality rating system that promotes quality improvement in early learning and development programs and school-age child care. A Keystone STARS designation informs parents that their children are in a safe, respectful environment in which they are learning new things every day to support their current and future successes in school and in life.
- o Keystone STARS-COMPASS

**Assessment and Accountability:** The Pennsylvania state assessment system includes the reporting associated with the results of the Pennsylvania System of School Assessment (PSSA), the Pennsylvania Alternate System of Assessment (PASA), the Pennsylvania Accountability System (PAS), the Pennsylvania Value-Added

Assessment System (PVAAS), the Keystone Exams (end-of-course), Classroom Diagnostic Tools (CDT) and the National Assessment of Educational Progress (NAEP).
- o PSSA and Keystone Assessments
- o The Pennsylvania Alternate System of Assessment (PASA)
- o Pennsylvania Accountability System (PAS): This site provides access to the following, State Assessments Attribution Map, Accountability Trainings and other resources.
- o The Pennsylvania Classroom Diagnostic Tools (CDT): CDT is a set of online assessments, divided by content areas (Literacy, Mathematics, and Science), and is designed to provide diagnostic information to guide instruction in order to support intervention and enrichment. The CDT reporting system is fully integrated in the Standards Aligned System (SAS). The Classroom Diagnostic Tools provides four interactive reports that can be viewed by the teacher immediately after students complete the assessment. Promotes teaching and collaboration with students, parents/guardians, and others and builds efficacy by bringing students into the processing of their own learning.
- o National Assessment of Educational Progress (NAEP): NAEP is the national representative assessment of what America's students know and can do in core subject areas. Teachers, administrators, parents, policymakers and researchers all use NAEP results to assess progress and develop ways to improve education in America.
  - – Nation/Pennsylvania Report Card
  - – Parents' Frequently Asked Questions about NAEP

**PVAAS:** PVAAS is a statistical analysis of Pennsylvania PSSA and Keystone state assessment data, and provides Pennsylvania districts and schools with growth data to add to achievement data. Utilizing all the data available (growth and achievement), educators are able to make data-informed instructional decisions to ensure the academic growth and achievement of all students.
- o PVAAS Growth & Achievement reports can answer these questions:
  - – Will the reports provide information about the academic growth of a teacher's group of students?
  - – Is our instructional program working for all students? At all grades? In all subjects?
  - – What is the likelihood of a student reaching proficiency or higher on a future assessment?

- Did each group of students make growth in ELA (grades 4-8), math (grades 4-8), and science (grades 4 and 8)?
- Did each group of students make growth in the Keystone content areas (Algebra I, Literature, and Biology)?
- Is each student on a trajectory to reach proficient or advanced levels on a future state assessment in ELA, math, science, and Keystone content areas (Algebra I, Literature, and Biology)?
- Is each student on a trajectory to reach college benchmark scores on national college entrance exams (Advanced Placement (AP), ACT, PSAT and SAT)?

o PVAAS Data & Resources:
- Student/Teacher Growth and Achievement Reports Log In
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- Digging Deeper-Students with a History of Higher Achievement
- Digging Deeper-Students with a History of Lower Achievement
- PVAAS Guides & "How -To"
- Q&A
- PVAAS Professional Learning Calendar
- PVAAS Help Guides

English Language Proficiency-ESL Portal PA: An online resource of professional learning opportunities and instructional materials that supports Pennsylvania educators and community organizations as they strive to provide equitable, high quality educational programs for English learners and their families. The portal also links to updated federal and state guidance, current educational research, instructional practice and more.
o Limited English Proficiency Student Counts by School reports
o Future Ready PA Index: English Language Proficiency Indicator

Special Education:
o Special Education Data Reporting
o PaTTAN-Working Together to Benefit ALL Students: There are many resources, training events, and videos available on the PaTTAN website to assist you in learning about specific disabilities and educational initiatives.
o Engaging Families to Support Student Success

Educator Dashboard Early Warning System: A tool which will support increased graduation rates, student achievement and strengthening community partnerships.
o MyPDESuite Log In
o Educator Dashboard Early Warning System and Intervention Catalog Frequently Asked Questions (PDF)
o SAS-Early Warning System

Attendance & Truancy (Future Ready PA Index: Chronic absenteeism reporting)
- o School Attendance/Child Accounting Data Reporting
- o Pennsylvania School Attendance Improvement and Truancy Reduction Toolkit & Improvement Plan
- o School Attendance-Strategies for Schools, Families and Youth (PDF)

**Youth and Family Support Services & Resources**

Great Literacy Websites for Parents and Kids

Pennsylvania School Resource Guide for Disaster Evacuees (PDF)

Pennsylvania Youth Survey Web Data Tool: The purpose of this website is to present data and information provided by the state of Pennsylvania's Youth Survey (PAYS). Through this website, users can view data that will be useful for planning and evaluating substance abuse and delinquency prevention activities, as well as view specific risk and protective factors.

Pennsylvania Equity and Inclusion Toolkit: The Equity and Inclusion Toolkit, a resource to help schools prevent and respond to racially charged and bias-related incidents in their communities.

Bullying Prevention:
- o Toolkit and Guide
- o Posters (PDF)

Prevention of Youth Violence and Associated Risk Behaviors (PDF)

PA Families Inc.: PA Families Inc. (PFI) is a not for profit Statewide Family Network providing support to families raising children and youth with emotional, behavioral, and special needs, as well as serving as an advocate in the different child serving systems.

Pennsylvania 21st Century Community Learning Centers (CCLC) (PDF): Community learning centers that offer academic and enrichment opportunities to children, particularly students who attend high-poverty and low-performing schools to meet state and local standards in core academic subjects through a broad array of activities that can complement their regular academic programs.

Pennsylvania statewide afterschool youth development network (PSAYDN): PSAYDN promotes sustainable, high-quality out-of-school time youth development programs through advocacy and capacity building to enhance the welfare of Pennsylvania's children, youth and families.

**Training and Development**

Pennsylvania Training and Technical Assistance Network (PaTTAN): The PaTTAN's support the efforts and initiatives of the Bureau of Special Education and builds the capacity of local educational agencies to serve students who receive special education services.

Pennsylvania Intermediate Units

**Contacts**

Educational Names & Addresses (EdNA)

Library Directory

## College & Career Ready

Pennsylvania learners will be prepared for meaningful engagement in postsecondary education, in workforce training, in career pathways, and as responsible, involved citizens.

## GROWTH AND ACHIEVEMENT DATA & RESOURCES

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OVERVIEW OF THE FUTURE READY PA INDEX DASHBOARD

Every Student Succeeds Act (ESSA) Consolidated State Plan

K-12 School Counseling Plan-Chapter 339 Plan Resources: Pennsylvania requires all school districts to have a K-12 School Counseling Plan as part of Chapter 339. Resources on this page, as well as this entire Toolkit website, serve as core content to help districts build their plan.

PIMS Data, Reporting & Statistics: The Pennsylvania Department of Education compiles and analyzes a wide variety of information about schools, student progress, graduation rates, school districts, and other useful statistics.
- MyPDESuite Log in
- Cohort Graduation Rate
- Graduates
- SAT and ACT Scores
- Keystone and PSSA Exam Test Scores
- PASA
- Career Standards Benchmark PIMS Collection

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  - – PVAAS Guides & "How -To"
  - – Q&A
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Special Education:
- o Special Education Data Reporting

[English Language Proficiency-ESL Portal PA:](#) An online resource of professional learning opportunities and instructional materials that supports Pennsylvania educators and community organizations as they strive to provide equitable, high quality educational programs for English learners and their families. The portal also links to updated federal and state guidance, current educational research, instructional practice and more.
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Attendance & Truancy [(Future Ready PA Index: Chronic absenteeism reporting)](#)
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[Pennsylvania State Data Center](#)

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[U.S. Dept. of Labor-Databases, Tables & Calculators by Subject](#)

[IPEDS-Integrated Postsecondary Education Data System:](#) Your primary source for information on U.S. colleges, universities, and technical and vocational institutions.

[NCES- The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education:](#)
- o [Data & Tools](#)
- o [Publications:](#) The Forum strives to provide states, districts, and schools with helpful advice on the collection, maintenance, and use of elementary and secondary education data. All Forum publications and resources are free of charge and can be accessed through this website, along with and a large collection of other helpful resources related to education data.

Educator Dashboard Early Warning System: A tool which will support increased graduation rates, student achievement and strengthening community partnerships.
- o [MyPDESuite Log In](#)
- o [Educator Dashboard Early Warning System and Intervention Catalog Frequently Asked Questions (PDF)](#)
- o [SAS-Early Warning System](#)

[Everyone Graduates Center:](#) This website is a resource for the Pennsylvania Department of Education and participating schools who are working to implement Early Warning Systems within their school or district. National resources and a Professional Development module is available.

**Career Exploration**

[Pennsylvania Career Readiness Report:](#) Recommendations for Improvement
- o How do we help students, especially those in concentrated poverty, access high-quality career and technical education (CTE) programs?
- o How can we more effectively engage business and community partners to be involved in building students' college and career ready skills?
- o What evidence-based strategies or promising practices are happening in other states and here in Pennsylvania that demonstrate the impact of CTE to change the lives of students and improve the economic outlook of the commonwealth?

[O*NET Online:](#)
- o PA Career Education & Work Standards
- o Lesson Planning Guide
- o The O*NET system serves as the nation's primary source of occupational information, providing comprehensive information on key attributes and characteristics of workers and occupations.

[Career Ready:](#) Pennsylvania learners will be prepared for meaningful engagement in postsecondary education, in workforce training, in career pathways, and as responsible, involved citizens

[Pennsylvania Secondary Transition Guide:](#) This website, which is continually updated, provides youth, young adults, parents, and professionals with secondary transition resources to facilitate a young person's progress towards post-secondary goals related to education, employment, and community living.

[PA Career Standards](#): This electronic toolkit provides resources, references, crosswalks and other tools to assist elementary, middle and high school's teachers and administrators in implementing the Pennsylvania (PA) Career Education and Work Standards.

[Pennsylvania Academic Standards for Career Education and Work (CEW):](#) This site can supplement existing career development resources already in use in the schools. The goal of these resources is to assist in the implementation of the Pennsylvania Academic Standards for Career Education and Work (CEW).

Career Benchmarks LLIU Training Document and Webinar:
- o [Documents](#)
- o [Webinar](#)

[Career and Technical Education Resources:](#) CTE in Pennsylvania is designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.

- Pennsylvania CTE Resource Center (PDF):The report provides promising examples of the following types of supports:
  - Preparing for College and Career: Events and Opportunities
  - Encouraging Students to Earn College Credits at the Career and Technical Center
  - Offering Specialized Support from Guidance and Career Counselors
  - Supporting Students with Special Needs

Career Technical Education (CTE) - Learning that works for Pennsylvania:
Career and technical education in Pennsylvania is a dynamic path that engages learners while preparing them for both college and careers. The purpose of this website is to disseminate the promising and innovative practices taking place in PA's career and technical centers and encourage educators to replicate ideas and share their own.

S.T.E.M. - Careers in Science, Technology, Engineering, and Math:
- Find a Career (Career Cluster)
- STEM Research Form
- Standards Aligned System (SAS)

SAS-Learning Progressions: A learning progression is a road or pathway that students travel as they progress toward mastery of the skills needed for career and college readiness. Learning progressions provide teachers with the opportunity to determine whether students have navigated successfully through the mile-posts and are able to move forward along the road to career and college readiness. The progressions further provide teachers with the opportunity to identify students who have navigated successfully beyond the mileposts for each course and are in need of accelerated curriculum.

SAS-Search for Materials & Resources Materials & Resources provides a way to locate standards-aligned content through a targeted search. Locate educational resources by Keyword, Subject Area/Grade Level, Course, or by one or more specific Content Types. (i.e. College and Career Lesson Plans and Resources)

Career One Stop: Your source for career exploration, training & jobs Sponsored by the U.S. Department of Labor. A proud partner of the american job center network.

You Need Data to Personalize Learning

Pennsylvania Career Zone: Easy-to-use tool that enables students to explore careers and develop their own plans for achieving life goals.
- Educator's Corner: Pennsylvania CareerZone allows educators to develop, implement, and manage a complete career and transition planning curriculum. The Educator's Corner is here to support and amplify your career readiness efforts.
- Parent's Guide: Pennsylvania CareerZone allows students to explore the world of work through a variety of activities. Pennsylvania CareerZone is designed so students can progress at their own pace.

Occupational Outlook Handbook: The OOH can help you find career information on duties, education and training, pay, and outlook for hundreds of occupations.

**Postsecondary and Financial Planning**

Dual Credit Program Toolkit for Pennsylvania School Entities (PDF): This toolkit provides a resource for secondary school entities to review and consider when developing and implementing dual credit programs

SAT and ACT Scores:
- o Preparing for the SAT's
- o K-12 Educators: Here's where you can find information to support your work helping students take the SAT, understand their scores, and apply to college.

Getting Them There: Easing the College Transition

College Planning/Student Resources:
- o Going to College – Where to Start

College Navigator Report: Find the right college for you.

State System's Gap Analysis Reports

IPEDS-Integrated Postsecondary Education Data System: Your primary source for information on U.S. colleges, universities, and technical and vocational institutions.

PA Institutions of Postsecondary & Higher Education (PDF)

Postsecondary & Adult Education Reports and Studies: The Pennsylvania Department of Education complies and analyzes a wide variety of information about postsecondary and higher education institutions including costs, enrollment, graduation rates and other useful statistics.

Loan Cancellation, Low Income Schools: The Loan Forgiveness Program for Teachers is a federal program that may provide eligible teachers forgiveness on a portion of their student loans.
- o Federal Student Aid - Loan Forgiveness
- o Frequently Asked Questions (PDF)

Federal Student Aid: Federal Student Aid is responsible for managing the student financial assistance programs authorized under Title IV of the *Higher Education Act of 1965*. These programs provide grants, loans, and work-study funds to students attending college or career school.

- o Financial Aid Toolkit: The Financial Aid Toolkit provides federal student aid information and outreach tools for counselors, college access professionals, nonprofit mentors, and other advisors.

Free Application for Federal Student Aid (FAFSA®): The FAFSA form is the first step toward getting federal aid for college, career school, or graduate school.

Pennsylvania Higher Education Assistance Agency (PHEAA): The Pennsylvania State Grant Program is a financial assistance program that provides funding to eligible Pennsylvanians and helps them afford the costs of higher education. PHEAA administers the Pennsylvania State Grant Program at no cost to taxpayers, ensuring that every dollar appropriated to the program goes directly to students.
- o PHEAA annually publishes data regarding student and institution participation in state grant programs.
  - Reports and Statistical Studies
  - 2015-16 PHEAA Annual Report **(PDF)**
  - 2016 Pennsylvania Targeted Industry Program (PA-TIP) Annual Report **(PDF)**
  - 2015-16 Act 101 Annual Report **(PDF)**
  - 2015-16 RTSS Annual Report **(PDF)**
  - Pennsylvania State Grant Program Year-by-Year & Institutional Statistics Report **(PDF)**
  - Pennsylvania Institutional Assistance Grants Program Year-by-Year & Institutional Statistics Report
  - State Grant Program Outcomes Study (2008-09 Cohort Analysis) **(PDF)**
  - State Grant Program Outcomes Study (2007-08 Cohort Analysis) **(PDF)**
- o **PHEAA Resources**
  - PHEAA Counselor Workshop Resource Manual (2016)
  - 2016 Handbook for Legislators **(PDF)**
- o PHEAA FAFSA Completion Initiative: Through the PHEAA FAFSA completion initiative, high schools can access a database to see a listing of individual students who have started and completed the FAFSA at their school as well as who was selected for verification. High Schools can sign up by completing a Remote Access Agreement and Authoritative Source Form.  Upon completion, they are given a username and password that they can use to access the database.

**Postsecondary Attainment**

IPEDS-Integrated Postsecondary Education Data System: Your primary source for information on U.S. colleges, universities, and technical and vocational institutions.

ESSA-Promoting Postsecondary Education Access and Success (PDF):  In November 2016, the Pennsylvania State Board of Education adopted Pennsylvania's first statewide postsecondary attainment goal: 60 percent of Pennsylvanians with a postsecondary degree or credential by 2025.

The Pennsylvania Transfer and Articulation Center (PA TRAC) enables students to easily identify courses and degrees that transfer to the participating colleges and universities