

# ODE's Statewide Longitudinal Data Systems Grant and related EMIS Changes



David Ehle · September 11, 2020

# Today's Agenda

- SLDS Project 3 Overview
  - ODDEX Enhancements
  - Progress Towards Graduation Reports
  - Early Warning Systems
- Changes Related to Grant
  - Earlier Reporting
  - Course Grades
  - Graduation Information

# SLDS Grant

- ✓ Statewide Longitudinal Data System grant awarded to ODE this spring
- ✓ Four projects related to the use of data, in support of ODE's strategic plan
- ✓ Grant through fall of 2023, with an extension possible

# Four Projects in SLDS Grant

- ✓ Outcome 1: One-Goal: Establish PreK-12 and Workforce Linkages
- ✓ Outcome 2: Enhance Ohio's Equitable Access Analysis Tool to Include Additional Data and Increase Functionality and Usability
- ✓ Outcome 3: Using Data to Identify Students At-Risk of Not Graduating
- ✓ Outcome 4: Build Resources to Support Regional Data Leads

# Graduation Risk Project Components

- ✓ David Ehle is the lead for this project
- ✓ Three main parts to this project
  - ✓ Enhancement of existing systems and data set in support of the project
  - ✓ Reports on progress towards graduation
  - ✓ Calculation of risk/Early Warning System (EWS) related to likelihood of graduation
- ✓ The system will be implemented as new functionality with ODDEX

# ODDEX Enhancements

- ✓ Student Claiming: To provide graduation information at time of enrollment, allow LEAs to claim a student as a new student, with SSID, with 15 minutes in ODDX
- ✓ Data to Predict Risk: Collection of grades in all courses with high school credit (and possibly grades 7 and above), both final and intermediate grades
- ✓ Reports: add functionality to ODDX to produce PDF reports

# Student Claiming

- Allow faster access to data within ODDEX (Ohio District Data Exchange)
- Uniquely determine a student's SSID based on:
  - Name & Date of Birth
  - Prior school/district attended
  - Other data related to the student
- Direct entry of data in ODDEX
- New roles for staff to have access to this functionality



# Student Claiming

- Goal is to have access to ODDEX student records within 15 minutes of first contact with parent/guardian (often less)
- Getting access to data requires affirmation that the student is enrolling in your district
  - Student will be expected to be included in EMIS submissions soon thereafter, including Student Cross Reference submission
  - Any districts where the student is currently enrolled will receive notification of student's intent to transfer



# Data to Predict Risk

- For progress towards graduation and early warning system, need additional data in EMIS
  - Discipline
  - Attendance
  - Course grades
  - Credit progress
  - Graduation seals
  - Assessments

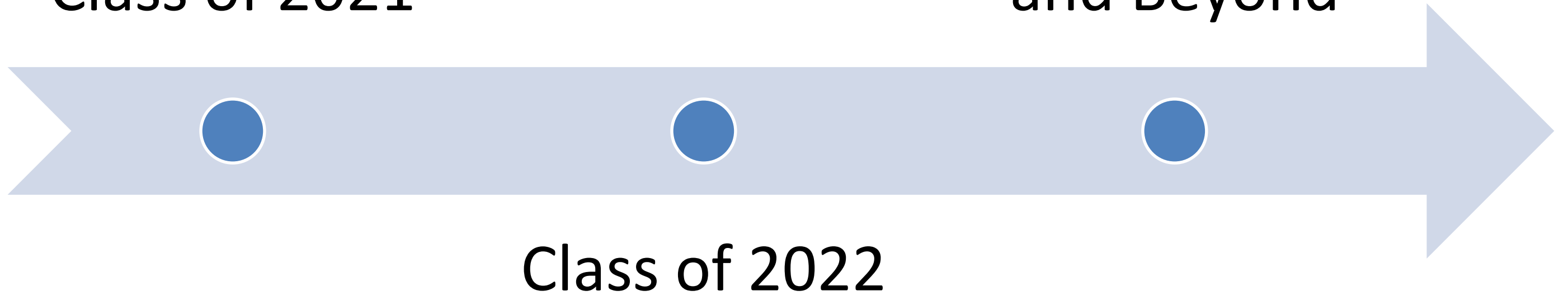
# Reports in ODDEX

- Only reports currently in ODDEX are exports of data or screen shots
- Project will add creation of PDF reports to base ODDEX functionality
- Will add 3 reports based on data currently in ODDEX as a test case
- Goal of reports is to be able to share information with those who do not normally have ODDEX access

# Progress Towards Graduation Reports

Class of 2021

Class of 2023  
and Beyond



# Ohio's Graduation Options: 2021-2022

**Ohio's High School Graduation Requirements**  
Classes of 2021 and 2022

**It's Your Future. Get Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade between **July 1, 2017** and **June 30, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

**Cover the basics**

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

**Other Requirements**  
You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

You have the option to show you are ready by meeting the **original three graduation pathways** below that were available when you entered high school.

**Show you are ready**  
Use at least one pathway to show that you are ready for college or a job.

**1. Ohio's State Tests**  
Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:  
Algebra I or Integrated Math I  
Geometry or Integrated Math II  
American Government  
American History  
English I  
English II  
Biology

**2. Industry credential and workforce readiness**  
Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

**3. College and career readiness tests**  
Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT.  
The Ohio Department of Higher Education works with Ohio's universities to set the remediation-free scores for the ACT and SAT tests. Periodically, for a variety of reasons, these scores may be adjusted. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. The most up-to-date information regarding remediation-free scores can be found on the Department's graduation requirements webpage.

**OR**  
(see reverse side)

Ohio Department of Education

You can meet **new requirements** by demonstrating competency and readiness for a job, college, military or a self-sustaining profession.

**Show competency**  
Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.  
**Is testing not your strength?** After you have taken your tests, there are three additional options to show competency!

**Option 1. Demonstrate Two Career-Focused Activities:**  
**Foundational**  
Proficient scores on WebXams  
A 12-point industry credential  
A pre-apprenticeship or acceptance into an approved apprenticeship program  
**Supporting**  
Work-based learning  
Earn the required score on WorkKeys  
Earn the OhioMeansJobs Readiness Seal

**Option 2. Enlist in the Military**  
Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

**Option 3. Complete College Coursework**  
Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

**AND**

**Show readiness**  
Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.  
**At least one of the two must be Ohio-designed:**

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine and Performing Arts Seal (Local)
- Student Engagement Seal (Local)

**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation)

Ohio Department of Education



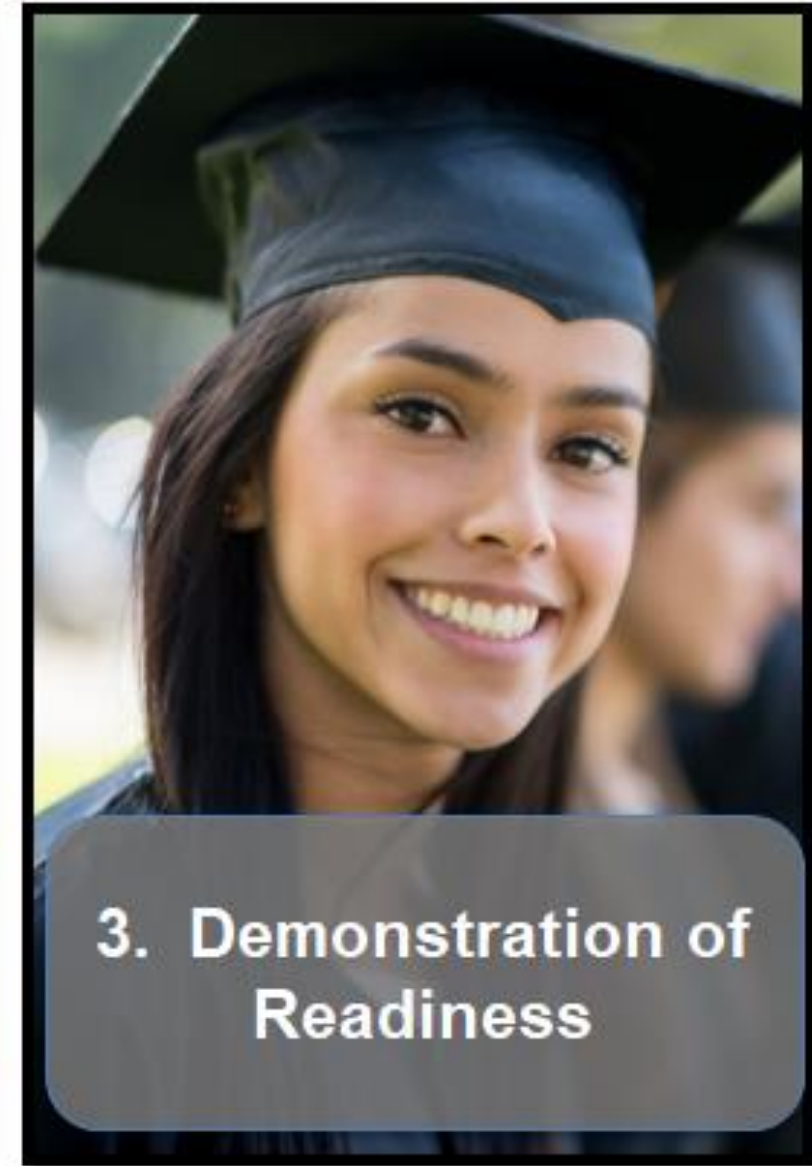
# Ohio's Long-Term Graduation Options



1. Course Requirements



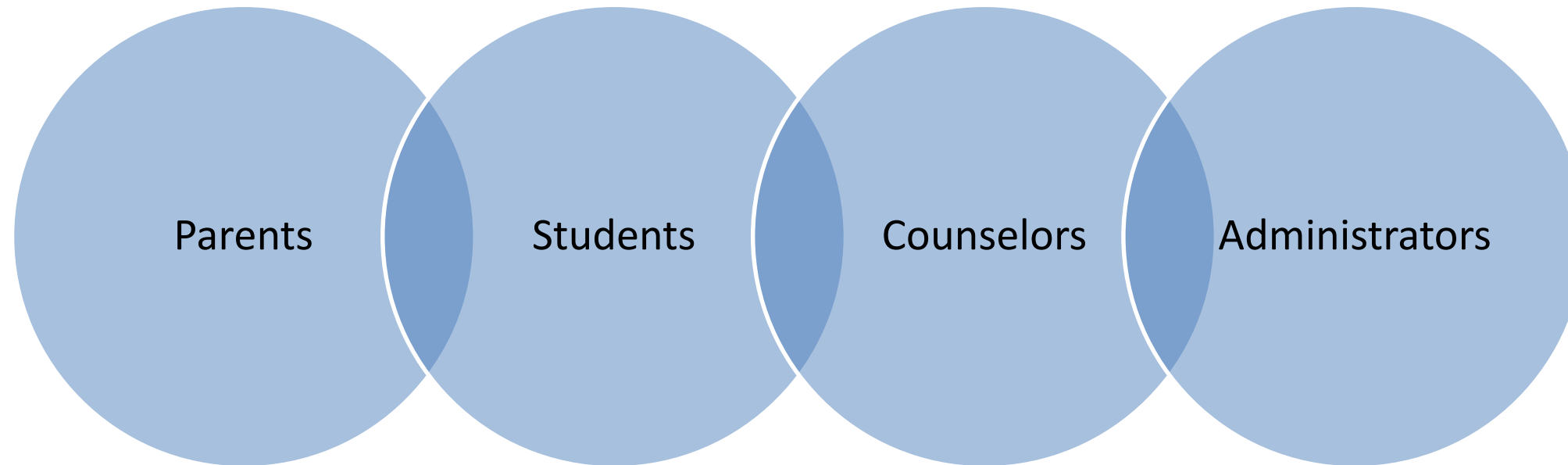
2. Demonstration of Competency



3. Demonstration of Readiness

# Progress Toward Graduation Reports

- Who will use the reports?



# Progress Toward Graduation Reports

## Likely Use Cases

Graduation  
Planning

Transfer  
Students

Management  
of District  
Options

What else?



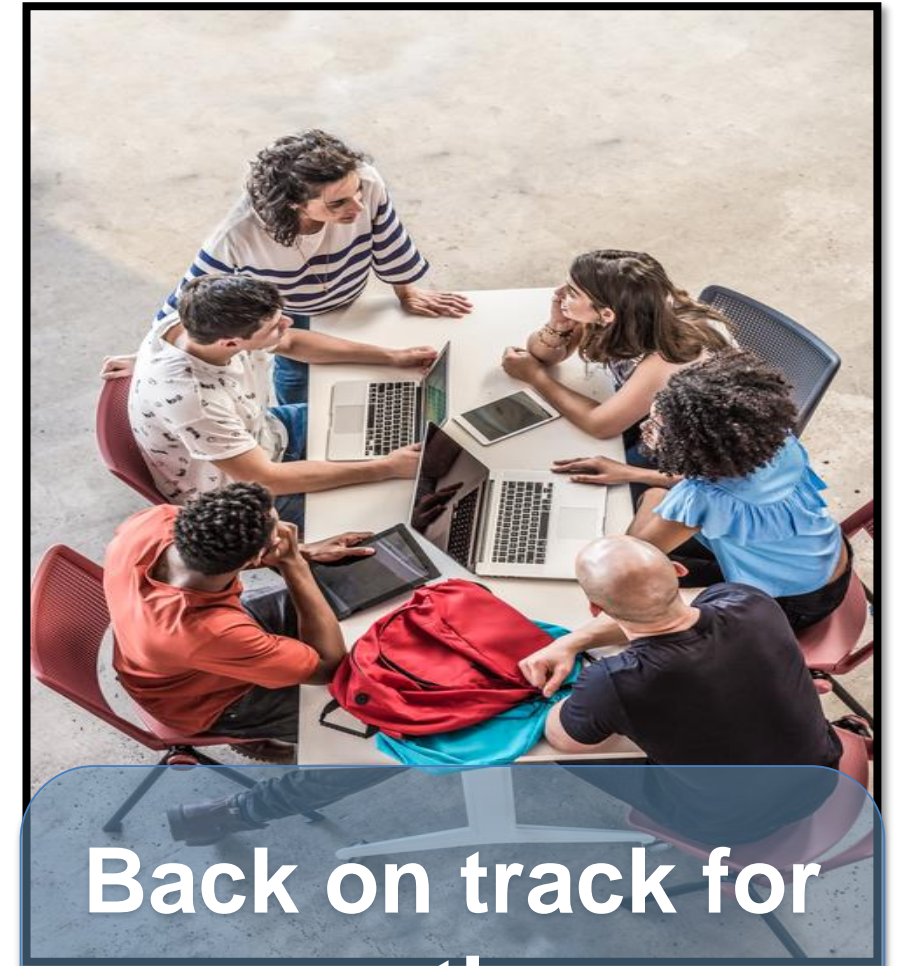
# Early Warning Systems



**Identify students  
who are at risk of  
not graduating**



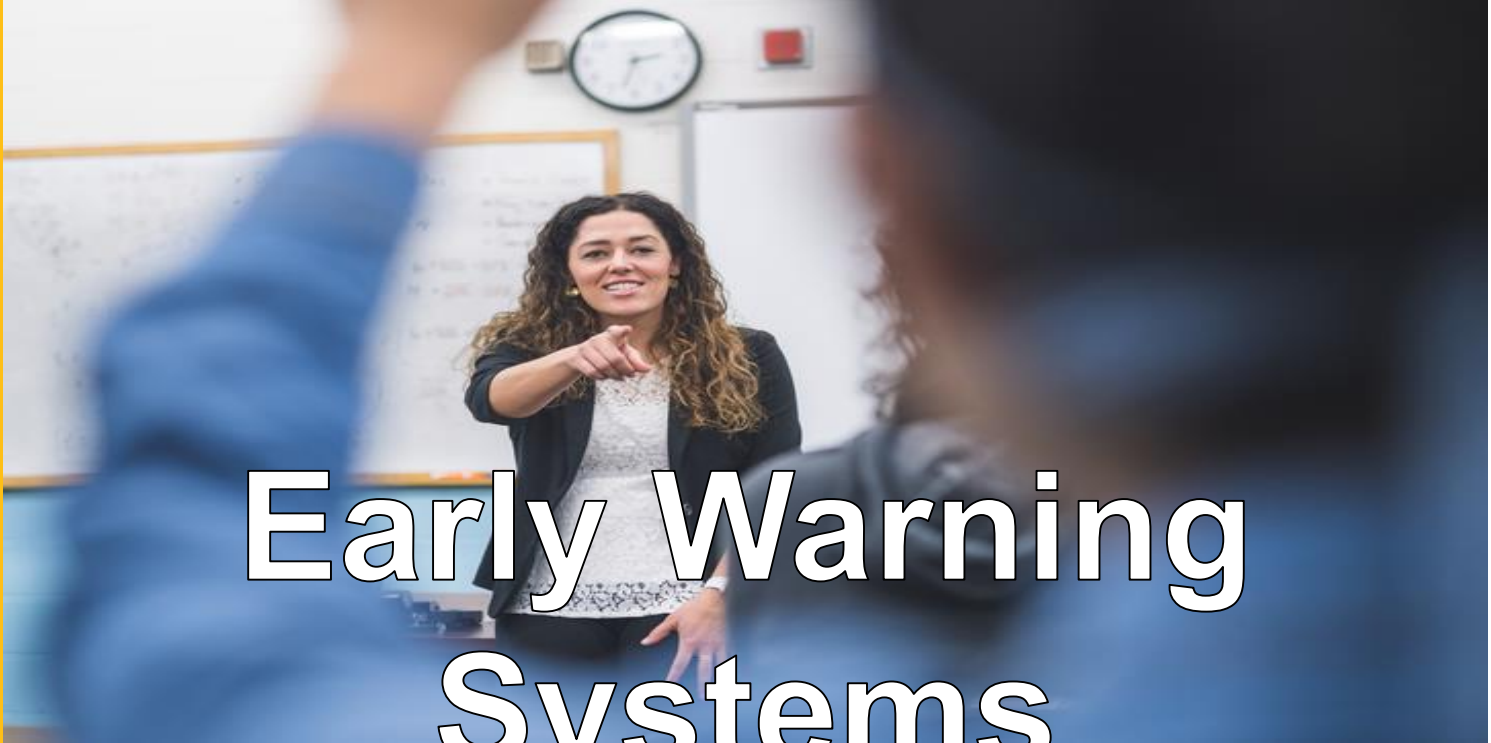
**Allow for early  
intervention**



**Back on track for  
on-time  
graduation**

## Commonly used indicators

- Attendance
- Course performance
- Grade point average
- Behavioral performance

A woman with long, curly hair, wearing a black blazer over a white lace top, stands in a classroom. She is pointing towards the camera with a smile. In the background, there is a whiteboard, a clock, and a red fire alarm pull station. The foreground is blurred, showing the backs of students' heads.

# Early Warning Systems

Early Warning Indicators  
are ***symptoms, not  
causes*** of dropout!

# Example Early Warning Indicators and Thresholds

Indicators	Dropout Thresholds	
	Middle Grades	High School
Attendance	Missed 20 percent or more of instructional time	Missed 10 percent or more of instructional time
Course Performance	Failure in English language Arts (ELA) or mathematics course.	Failure in one or more courses
		Earned 2.0 or lower grade point average (on a 4-point scale)
Behavior	For example, in- or out-of-school suspension	

# Early Warning Intervention and Monitoring System

*Systematic approach to using data*

Identify

Identify students who are at risk of not graduating on time

Assign

Assign students flagged as at risk to interventions

Monitor

Monitor at-risk students' response to intervention



# Stakeholder Input

- Newly formed workgroup of the EMIS Advisory Council
- Focus groups over specific topics
  - EMIS staff, guidance counselors, administrators
  - ODDEX user interface, report design, summative data
- Have about 70 volunteers, but if interested, email [EMIS@education.ohio.gov](mailto:EMIS@education.ohio.gov)
- Focus group meetings starting later this month

# Data to Predict Risk

- For progress towards graduation and early warning system, need additional data in EMIS
  - Discipline
  - Attendance
  - Course grades
  - Credit progress
  - Graduation seals
  - Assessments

# Data Now Reported Year-round

- Discipline data
  - Important EWS indicator
  - To be included in all main S collections
  - No changes to options, later periods replace earlier
- Attendance
  - Also an EWS indicator
  - Many already include in all windows (90% of FS by Dec.)
  - Need to include earlier, especially this school year



# Collecting Course Grades

- New record type- Student Course Grade (FR)
- New collection window- Student Course Grade- open from Oct. to following Sept.
- Grades are only required at this time for courses that earn high school credit
  - This includes credit courses before grade 9
  - may expand in future to include all middle school
- Grades can be reported for any course, credit or not

# Collecting Course Grades

- Final course grades are required
- Interim grades are required if a grade is issued for a specific term and if you are the one teaching the course
- Interim term grades are strongly encouraged but not required for contracted courses, CCP courses, and JVSD satellite courses
- Grades are reported by the entity that reports the student course/course master records- so must get final grades for above “interim” exceptions
- In Progress grades may also be reported, but are not required

# Collecting Course Grades

## *Grade Status*

Record Field Number	FR90
Definition	Indicates if the grade reported indicates the grade at the end of a term or a preliminary grade for the term

### *Valid Options*

- F The summative or final grade for the course
- I A grade issued to a student that indicates the student's performance for a specific grading period or term of the course
- P A grade that represents a student's progress to date in a term of the course that had not yet ended

# Collecting Course Grades

- Grades reported could be
  - A to F for most courses
  - P or F for pass/fail courses
  - I if work is incomplete and the student is still allowed to finish work after the end of the term, and
  - U if the grade is unknown for the term
- Grades will not be updated beyond the end of the reporting window
- ODE will not be able to calculate a GPA or create a transcript

# Collecting Course Grades

- Terms will vary from one district to the next
  - Could be just semester grades as final grades
  - May have semester grades plus a final yearend grade
  - Also have term options for 6 week, quarters/9 weeks, and trimester/12 week grading periods
- As the year progresses, the terms reported and the status of the grades for those terms will change

# Example 1

- A district issues report cards 4 times a year, with grades issued each semester and a final grade at the end of the year that is used to award credit (or not)
  - Early in the year- Q1, in progress (P), B
  - In January- Q1-interim (I)-B; Q2-I-A, S1-I-B, Q3-P-C
  - At end of year- Q1-I-B, Q2-1-A, Q3-I-B, Q4-I-C, S1-I-B, S2-I-C, YE-final (F)-B

## Example 2

- A district issues report cards 4 times a year, with grades issued for a semester course that is used to award credit (or not)
  - Early in the year- Q1, in progress (P), B
  - In January (first semester is over)- Q1-interim (I)-B;  
Q2-I-A, S1-F-B



# Additional Graduation Data

- Credit progress
  - New collection window for existing GC record- Current Graduation Credit Progress- Nov. to Sept.
  - Include any student who has earned grad credit
  - Current year students
  - Update throughout year as credit is earned
  - A few new credit area options to be added for computer science credits that count in a different area

# Additional Graduation Data

- Graduation seals
  - For FY20, already added program codes for earned
  - In FY21, will add program codes, where relevant, for
    - Seals that a student plans to earn
    - Specific parts of a seal requirement that a student has completed
- Assessments
  - A few assessments count towards seals that do not already have specific assessment codes





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**Celebrate educators!**

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