The Early Warning Indicator System (EWIS) Data for the 2013-14 School Year Now Available!

EWIS data for the 2013-14 school year are available through Edwin Analytics, a free tool that is available to all public school districts in the state. There are three EWIS reports available: 1) Student List (EW601), 2) District View (EW301), and 3) Graphical View (EW302) that includes longitudinal trends. All reports may be filtered to look at a particular school, grade level, and/or student population type. See page 4 for more information about the three report options.

What is the EWIS?
The Department first released the Early Warning Indicator System (EWIS) data for grades 1-12 in the 2012-13 school year. The Department created the EWIS in direct response to educators' requests for early indicator data at earlier grade levels and throughout high school. The EWIS is a tool to systematically identify students that may need additional attention in order to reach an upcoming academic goal. The EWIS was developed by looking at the actual outcomes for Massachusetts students in prior years and statistically validating a wide range of student level data to best predict whether our current students are on track to meet upcoming academic goals.

The Massachusetts EWIS is for grade levels 1 through 12 and provides a flag (high, moderate, or low risk) for whether students are on track to meet relevant academic goals throughout the academic trajectory.

<table>
<thead>
<tr>
<th>Age Groups</th>
<th>Grade Levels</th>
<th>Academic Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Elementary</td>
<td>1, 2, 3</td>
<td><strong>Reading by the end of third grade:</strong> Proficient or advanced on 3rd grade English language arts MCAS</td>
</tr>
<tr>
<td>Late Elementary</td>
<td>4, 5, 6</td>
<td><strong>Middle school ready:</strong> Proficient or advanced on 6th grade ELA and Mathematics MCAS</td>
</tr>
<tr>
<td>Middle Grades</td>
<td>7, 8, 9</td>
<td><strong>High school ready:</strong> Passing grades on all 9th grade courses</td>
</tr>
<tr>
<td>High School</td>
<td>10, 11, 12</td>
<td><strong>High school graduation:</strong> Completing all local and state graduation requirements</td>
</tr>
</tbody>
</table>

The EWIS is a resource for educators to use in conjunction with other data and sources of information to better target student supports and interventions. Schools can use information from the EWIS to support students who are at risk of not meeting an expected academic goal with both school-wide strategies and targeted interventions. Districts and schools can also use EWIS data to examine school-level patterns over time in order to address systemic issues that may impede a student's ability to meet academic goals.
Need access to Edwin Analytics?
Edwin Analytics is available through the Security Portal. If you did not have prior access to Edwin Analytics, contact your district’s Directory Administrator to request access: http://www.doe.mass.edu/infoservices/data/diradmin/list.aspx.

Seeing grades/students listed in the incorrect school?
Students are listed in the school where they were most recently claimed, so for most students this will be the school they attended at the end of the 12-13 school year. To update the school where a student currently attends (e.g., for students that went from a middle school last year to a high school this year), complete the student claiming process outlined here http://www.doe.mass.edu/infoservices/dw/StudentClaiming.pdf. This will ensure that all students are listed in their current 2013-14 school.

Seeing a retained student listed in the incorrect grade?
Students are listed in their anticipated grade level for this school year. For example, if the student was reported as enrolled in 7th grade last year, they are listed as a grade 8 student in the EWIS reports. If the student was retained in grade than they are likely currently listed in the incorrect grade level, however, the grade levels will be updated later this fall to reflect any retained students after the October SIMS is finalized.

Will the EWIS reports be updated again during the school year?
The EWIS reports will be updated around early October to include results for districts that submitted the Student Course Schedule (SCS) data after the August 16th deadline. The updated reports in early October will also include final MCAS results (the current EWIS reports include preliminary MCAS results, however, few changes are made between preliminary and final MCAS results each year and we expect very minimal changes to the EWIS results).

The EWIS reports will also be updated again in early winter after the October SIMS data is finalized. The updated EWIS reports in early winter will not result in changes to student risk levels, only student grade levels and district/school enrollments will be updated as needed.

### Massachusetts EWIS Student Risk Levels

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low risk</td>
<td>Likely to reach the upcoming academic goal: Approximately 10% of low risk students miss the upcoming goal</td>
<td>A 2nd grade student identified as low risk in EWIS is currently predicted to be likely to reach the goals of proficient or advanced on the 3rd grade ELA MCAS</td>
</tr>
<tr>
<td>Moderate risk</td>
<td>Moderately at risk for not reaching the upcoming academic goal: Approximately 40% of moderate risk students miss the upcoming goal</td>
<td>A 7th grade student identified as moderate risk in EWIS is currently predicted to be moderately at risk of missing the academic goal of passing all grade 9 courses.</td>
</tr>
<tr>
<td>High risk</td>
<td>At risk for not reaching the upcoming academic goal: Approximately 77% of high-risk students miss the upcoming goal</td>
<td>An 11th grade student identified as high risk in EWIS is currently predicted to be at high risk of missing the academic goal of graduating from high school.</td>
</tr>
</tbody>
</table>
**Want more information about the EWIS?**
Check out the 5-minute presentation overview of the EWIS here:
http://www.youtube.com/watch?feature=player_embedded&v=EG8aQn5T8I
See the technical documents for last year’s EWIS results here (most of the information remains similar for this school year, technical documents will be updated this fall):
http://www.doe.mass.edu/edwin/analytics/ewis.html

**Questions?**
Email the Edwin team at Edwin@doe.mass.edu or connect with us on Twitter @ Edwin_DESE
Edwin Analytics Reports for the Early Warning Indicator System

Three reports are available in Edwin Analytics that provide Early Warning Indicator System (EWIS) data on current students. The EWIS identifies students’ level of risk for missing key education milestones:

- Achieving proficient or advanced on 3rd grade English language arts (ELA) MCAS (Grades 1-3)
- Achieving proficient or advanced on 6th grade ELA and math MCAS (Grades 4-6)
- Passing all 9th grade courses (Grades 7-9)
- Graduating from high school (Grades 10-12)

The EW301 and EW302 reports are available to users with access to school and district aggregate reports within the education data warehouse. The EW601 report is only available to users who have access to student-level information within a school and/or district.

**EW301 Early Warning Indicator System (EWIS) District View**
Provides state- or district-level Early Warning Indicator System (EWIS) risk levels of students by grade and school. Helps answer questions such as:

- Which grades within my district have the highest population of students at risk of not meeting the next educational outcome?
- Where does the district need to focus additional resources to get students back on track for meeting the next educational outcome?
- What is the breakdown of high, moderate, and low risk levels in a particular student subgroup?

**EW302 Early Warning Indicator System (EWIS) Graphical View**
Provides graphical representation of the Early Warning Indicator System (EWIS) risk levels of students compared to the district and state for the current school year as well as 5-year risk level trends of current students and the demographics/special population profile of the current students.

- How do the risk levels of a specific student group compare to the results of that group at the district and State level?
- What were the previous risk levels of the currently enrolled students in the MA public district for the past 5 years?
- What are the risk levels of a specific student group for the past 5-years?

**EW601 Early Warning Indicator System (EWIS) Student List**
Provides student level Early Warning Indicator System (EWIS) information on students enrolled in grades 1-12, including details on the risk indicators used in EWIS models and the resulting EWIS risk levels of not achieving their next educational outcome for current students.

- What are the EWIS risk levels of my current students; who are my high risk students?
- What data points (indicators) went into the calculation to determine the EWIS risk levels?
- What were the prior year’s EWIS risk levels of my current students?