

2007 Leaver Records Data Validation Manual

Performance-Based Monitoring System

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Texas Education Agency
Department of Assessment, Accountability and Data Quality
Division of Performance-Based Monitoring

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Performance-Based Monitoring Data Validation

The Performance-Based Monitoring (PBM) system, which was developed in 2003 in response to state and federal statute, is a comprehensive system designed to improve student performance and program effectiveness. The PBM system is a data-driven system that uses performance and program effectiveness data submitted to the state by local education agencies (LEAs); therefore, the integrity of these data is critical. To ensure data integrity, the PBM system includes annual data validation analyses that use several different indicators to examine district leaver and dropout data, student assessment data, and discipline data. Additional data analyses are conducted as necessary to ensure the data submitted to the Texas Education Agency (TEA) are accurate and reliable.

Differences Between Data Validation Indicators and Other PBM Indicators

As shown in the table below, there are key differences between the data validation indicators that are used as part of the PBM system and the performance indicators that are used in the Performance-Based Monitoring Analysis System (PBMAS). A PBMAS performance indicator yields a **definitive** result, e.g., 100% of an LEA's graduates completed the Recommended High School Program. A data validation indicator typically **suggests** an anomaly that a local review may ultimately determine is not anomalous. For example, an LEA may report all of its leavers as intending to enroll in a private school. This single use of a leaver code for all leavers within a given year suggests a potential data anomaly. However, the LEA may determine, after a local review and verification process, that the exclusive use of one particular leaver code can be validated.

Because a PBMAS performance indicator yields a definitive result, an LEA's performance on PBMAS indicators is made **public**. Because a data validation indicator typically yields a result that is suggestive but may not be definitive, an LEA's initial results on these indicators are **not made public**. Results of the data validation indicators are only released on the Texas Education Agency Secure Environment (TEASE).

Another difference between PBMAS performance indicators and PBM data validation indicators is standards. A PBMAS performance indicator is based on a **standard** that is made public with as much advance notice as possible and that all LEAs can achieve over time. The goal for LEAs on PBMAS performance indicators is progress toward the standard over time. A data validation indicator is typically based on an **annual review of data trends** in an attempt to identify what data may be anomalous or what trends can be observed. Standards on individual data validation indicators generally are not, and generally cannot be, made public in advance, although there are some exceptions (e.g., underreported students). The goal for LEAs on PBM data validation indicators is to report accurate data each year.

The required response by the LEA is also different depending on whether the LEA is identified under a PBMAS performance indicator or a PBM data validation indicator. LEAs that are identified with a PBMAS performance indicator concern are generally expected to (a) improve performance; or (b) if the identification of a performance indicator concern occurred because of inaccurate data, improve data collection and submission procedures. LEAs that are identified as a result of a data validation indicator are generally expected to (a) validate that their data are, in fact, correct; and (b) if correct data reflect a program implementation concern, address that concern; or (c) if the district’s identification occurred because of incorrect data, improve local data collection and submission procedures.

Differences between Data Validation Indicators and other PBM Indicators				
Indicator Type	Result	Publicly Released	Standards	LEA Response
Data Validation	Suggests an anomaly	No	Based on annual review of data trends	Validate accuracy of data locally and, as necessary, improve local data collection and submission procedures or improve program implementation concerns
PBMAS	Yields a definitive result	Yes	Based on standards established in advance	Improve performance or program effectiveness or if identification occurred because of inaccurate data, improve data collection and submission procedures

By their very nature and purpose, data validation indicators may identify some LEAs that are collecting and reporting data that are entirely accurate. **Validating accurate data is a critical part of the process that is necessary to validate and safeguard the integrity of the overall PBM system.** As such, the process that LEAs engage in to either validate the accuracy of their data or determine that erroneous data were collected and/or submitted is fundamental to the integrity of the entire system.

Leaver Records Data Validation Indicators: Background

Since 1997-1998, the integrity of leaver records has been evaluated annually by the Texas Education Agency (TEA) through various indicators and data analyses. Statutory requirements have also guided TEA's leaver records data validation efforts. During the 78th Legislature Regular Session (2003), a new section of Texas Education Code (§39.055) was added to require an annual electronic audit of dropout records and a report based on the findings of the audit:

TEC §39.055. Annual Audit of Dropout Records; Report. (a) The commissioner shall develop a process for auditing school district dropout records electronically. The commissioner shall also develop a system and standards for review of the audit or use systems already available at the agency. The system must be designed to identify districts that are at high risk of having inaccurate dropout records and that, as a result, require on-site monitoring of dropout records. If the electronic audit of a district's dropout records indicates that a district is not at high risk of having inaccurate dropout records, the district may not be subject to on-site monitoring under this subsection. If the risk-based system indicates that a district is at high risk of having inaccurate dropout records, the district is entitled to an opportunity to respond to the commissioner's determination before on-site monitoring may be conducted. The district must respond not later than the 30th day after the date the commissioner notifies the district of the commissioner's determination. If the district's response does not change the commissioner's determination that the district is at high risk of having inaccurate dropout records or if the district does not respond in a timely manner, the commissioner shall order agency staff to conduct on-site monitoring of the district's dropout records.

(b) to (d) Repealed by Acts 2003, 78th Leg., ch. 201, § 61(1); Acts 2003, 78th Leg., ch. 903, § 4.

...

(e) The commissioner shall notify the board of trustees of a school district of any objection the commissioner has to the district's dropout data, any violation of sound accounting practices or of a law or rule revealed by the data, or any recommendation by the commissioner concerning the data. If the data reflect that a penal law has been violated, the commissioner shall notify the county attorney, district attorney, or criminal district attorney, as appropriate, and the attorney general. The commissioner is entitled to access to all district records the commissioner considers necessary or appropriate for the review, analysis, or approval of district dropout data.

List of 2007 Leaver Records Data Validation Indicators

Five data validation indicators have been developed to meet the statutory requirements described above. Detailed information on all of these indicators is provided in the next section of this manual.

1. Underreported Students
2. Zero Dropouts and High Use of Other Exit Leaver Codes
3. High Use of One or More Leaver Codes
4. Missing PET¹ Submission (September 2006) [Report Only]
5. Missing PET Submission (2006-2007 Reporting Year) [Report Only]

¹ PET is the Person Identification (PID) Enrollment Tracking (PET) extension that opened with the 2005-2006 Fall/Mid-Year release of PEIMS EDIT+ on September 26, 2005.

Data Sources

The data source for the first three leaver data validation indicators is the PEIMS 203 Record. These data are part of districts' annual fall PEIMS submission and reflect the 2005-2006 leaver data submitted by districts in the fall of 2006. The data source for the last two indicators is PID Enrollment Tracking reports for September 1, 2006 through June 30, 2007.

Data Validation Reports

District-level reports and certain student-level data² have been generated for each district identified for further validation on one or more of the 2007 leaver data validation indicators. These reports and student level data are available via the TEA Secure Environment (TEASE). Districts not identified for further validation will receive the following message if they attempt to access the report on TEASE: *“Your district was not identified in the 2007 leaver data validation analysis, and therefore no report will be generated.”*

If a district has been identified for further validation on an indicator, this is referred to as “triggering” an indicator. The district count of the number of leavers with a certain leaver code, the total number of leavers, and the percent of leavers with a certain leaver code will be noted on each district's report. Only the indicators that a district triggers will be listed on the report. For example, in the sample report below, three of the five indicators are listed because the district only triggered those three indicators.

² Student level data are not provided for Indicator #1 because the data (underreported students) are readily available in the PEIMS EDIT+ application. The EDIT+ report lists presumed underreported, and may vary slightly from the final lists. Student level data are not applicable to Indicator #4 and Indicator #5.

SAMPLE REPORT
CONFIDENTIAL
Texas Education Agency
2007 Data Validation Report
Leaver Records

Example ISD
Y-District Type

Region ZZ

DATA SOURCE:

INDICATORS 1-3 = PEIMS FALL SUBMISSION 2006 (203 Record)

INDICATORS 4-5 = PID ENROLLMENT TRACKING 09/01/06-06/30/07

INDICATOR

1. UNDERREPORTED STUDENTS

<u>NUMBER OF UNDERREPORTED</u>	<u>TOTAL REPORTED AND UNDERREPORTED</u>	<u>PERCENT OF UNDERREPORTED</u>
525	7000	7.5

3. HIGH USE OF ONE OR MORE LEAVER CODES

<u>LEAVER CODE</u>	<u>NUMBER OF CODE</u>	<u>NUMBER OF LEAVERS</u>	<u>PERCENT OF CODE</u>
60	23	115	20.0

4. MISSING PET SUBMISSION (SEPTEMBER 2006)
(REPORT ONLY)

REPORT DATE RANGE
09/01/06-09/20/06

This report contains confidential information and data that are not masked to protect individual student confidentiality. Unauthorized disclosure of confidential student information is illegal as provided in the Family Educational Rights and Privacy Act of 1974 (FERPA) and implementing federal regulations found in 34 CFR, Part 99.

For detailed information on each of the indicators above, see the 2007 Leaver Records Data Validation Manual available at <http://www.tea.state.tx.us/pbm/DIManuals.html>.

The data in the sample report above can be interpreted as follows:

UNDERREPORTED STUDENTS: Both the district's total number of underreported students (525) and the district's underreported percent (7.5%) exceed the state standards of 200 (count) and 5% (percent). (A district can trigger this indicator for not meeting one or both of the state standards.) The standards for underreporting students are outlined in Part 1 (Chapter 3) of the *2007 Accountability Manual*, available at <http://www.tea.state.tx.us/perfreport/account/2007/manual/index.html>.

HIGH USE OF LEAVER CODES: The district's percent of leavers coded 60 (intent to home school) is appreciably higher than other districts' percent of leavers coded 60. ***This high use may be the result of accurate reporting of leaver data by the district. Validation of accurate reporting of data is a critical part of the process that is necessary to validate and safeguard the integrity of the overall PBM system.***

MISSING PET SUBMISSION (SEPTEMBER 2006): A required PET Submission was not received by the agency during the date range of September 1, 2006 through September 20, 2006. This is a Report Only indicator for 2007.

Data Validation Requirements

Districts will be notified by the Program Monitoring and Interventions Division of any required data validation activities and the timelines for completing those activities. Guidance and resource documents that pertain specifically to the performance-based monitoring data validation indicators are available at: <http://www.tea.state.tx.us/pmi/datamon/>. These documents have been developed to support districts in reviewing their current data reporting and programmatic practices related to leaver and dropout data.

Leaver Reason Codes and Documentation Requirements

Appendix D of the 2006-2007 PEIMS Data Standards provides an expanded definition and specific guidelines on acceptable documentation for each of the leaver reason codes. This appendix can be accessed at the following web address: <http://www.tea.state.tx.us/peims/standards/0607/appd.doc>.

Additional Resources

There are several PEIMS EDIT+ reports that districts may find helpful as part of a local review of leaver coding. These reports are based on data reported by districts.

- PRF8D002: School Leaver Roster
- PRF8D003: School Leaver Summary
- PRF8D004: Non-Dropout Non-Graduate Leaver Roster
- PRF6D002: Dropout Roster
- PRF0B032: Presumed Underreported Students List

In addition, the annual report, *Secondary School Completion and Dropouts in Texas Public Schools*, is a comprehensive report that includes summary information about both high school completion and non-completion. The district supplement to this report (available at <http://www.tea.state.tx.us/research/reports.html>) contains data tables and listings of secondary school completion and dropout data at the district level. District-by-district listings of annual dropout rates and completion rates are presented, and a district listing of year-to-year reporting of students is also included.

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Leaver Records Data Validation Indicators

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Leaver Records Data Validation Indicator #1: Underreported Students

This indicator identifies districts not meeting the state standard for the count and/or percent of underreported students.

INDICATOR CALCULATION

District count of underreported students = *District number of students in Grades 7-12 for whom one of the following statuses does not apply: graduate, previous graduate, returned on time, returned migrant student, mover, other leaver, GED recipient, or dropout*

District percent of underreported students =
$$\frac{\text{District count of underreported students (see above)}}{\text{District number of 2005-2006 students in Grades 7-12 who are returning students, leavers, and underreported students}}$$

MINIMUM SIZE REQUIREMENTS

- At least 5 underreported students.

NOTES

- A district is identified under this indicator if it does not meet the standard for one or both of the following measures:
 - ◆ Count of underreported students: Must be fewer than or equal to **200**.
 - ◆ Percent of underreported students: Must be less than or equal to **5.0%**.

Leaver Records Data Validation Indicator #2: Zero Dropouts and High Use of Other Exit Leaver Codes

This indicator identifies districts with zero dropouts and an unusually high use of leavers with intent codes.

INDICATOR CALCULATION

$$\text{District percent leaver intent code usage} = \frac{\text{District number of 2005-2006 students in Grades 7-12 reported with Leaver Codes 16, 24, 60, 81, and 82}}{\text{District number of 2005-2006 students in Grades 7-12 reported with any non-graduate, non-dropout Leaver Code}}$$

MINIMUM SIZE REQUIREMENTS

- A minimum of **10** leavers.

NOTES

- A district with zero dropouts is identified under this indicator if its percentage of leavers with certain leaver codes is among the highest for all districts. ***This high use of leaver intent codes may be the result of accurate reporting of leaver data by the district. Validation of accurate reporting of data is a critical part of the process that is necessary to validate and safeguard the integrity of the overall PBM system.***

Leaver Records Data Validation Indicator #3: High Use of One or More Leaver Codes

This indicator identifies districts with an unusually high use of one or more leaver codes.

INDICATOR CALCULATION

$$\text{Percent leaver code usage} = \frac{\text{District number of 2005-2006 students in Grades 7-12 reported with a Leaver Code from the list below}}{\text{District number of 2005-2006 students in Grades 7-12 reported with any non-graduate, non-dropout Leaver Code}}$$

MINIMUM SIZE REQUIREMENTS AND LEAVER CODES

- A minimum of **10** leavers.
- The percent leaver code usage is calculated for each of the following Leaver Codes individually: 03, 16, 24, 60, 66, 78, 81, 82, 83, 85, and 86.

NOTES

- The district's number of leavers reported with each code listed is divided by the district's total number of non-graduate, non-dropout leavers, and the usage rate for each code is compared to that of other districts. A district is identified under this indicator if its usage of one or more leaver codes is among the highest for all districts. ***This high use may be the result of accurate reporting of leaver data by the district. Validation of accurate reporting of data is a critical part of the process that is necessary to validate and safeguard the integrity of the overall PBM system.***

Leaver Records Data Validation Indicator #4: Missing PET Submission (September 2006) [Report Only]

This indicator identifies districts that did not complete at least one PET submission by mid-September 2006.

INDICATOR CALCULATION

PID Enrollment Tracking queries are used to identify districts with missing PET submissions during the period of September 1, 2006 through September 20, 2006.

MINIMUM SIZE REQUIREMENTS AND LEAVER CODES

NOTES

Not applicable

This indicator is reported for district information and planning purposes only.

Leaver Records Data Validation Indicator #5: Missing PET Submission (2006-2007 Reporting Year) [Report Only]
This indicator identifies districts that did not complete one or more PET submissions on time during the 2006-2007 reporting year.

INDICATOR CALCULATION

PID Enrollment Tracking queries are used to identify districts with missing PET Submissions during the period of September 1, 2006 through June 30, 2007.

MINIMUM SIZE REQUIREMENTS AND LEAVER CODES	NOTES
Not applicable	This indicator is reported for district information and planning purposes only.

DESCRIPTION OF LEAVER CODES

- 03 = Student died while enrolled in school or during the summer break after completing the prior school year
- 16 = Student withdrew from/left school to return to family's home country
- 24 = Student withdrew from/left school to enter college and is working towards an Associate's or Bachelor's degree
- 60 = Student withdrew from/left school for home schooling
- 66 = Student was removed by Child Protective Services and the district has not been informed of the student's current status or enrollment
- 78 = Student was expelled under the provisions of TEC §37.007 and cannot return to school
- 81 = Student withdrew from/left school to enroll in a private school in Texas
- 82 = Student withdrew from/left school to enroll in a public or private school outside Texas
- 83 = Student was withdrawn from school by the district when the district discovered that the student was not a resident at the time of enrollment or had falsified enrollment information, proof of identification was not provided, or immunization records were not provided
- 85 = Student graduated outside Texas, returned to school, and left again
- 86 = Student completed the GED outside Texas

QUESTIONS:

Questions about the 2007 Leaver Records Data Validation Manual should be addressed to:

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Comments on the Leaver Records Data Validation Indicators

Comments on the 2007 Leaver Records Data Validation Indicators are welcome and will assist the agency in its evaluation and future development efforts. Comments may be submitted to **Rachel Harrington, Division Director, Division of Performance-Based Monitoring, Texas Education Agency, 1701 North Congress Avenue, Austin, Texas 78701-1494** or sent via e-mail to pbm@tea.state.tx.us. Comments should be provided no later than February 15, 2008, in order to allow sufficient time for consideration in the 2008 data validation development cycle.

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