FAMIS Conference 2022
Data Quality Issues and Concerns

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FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Agenda

- **Data Quality**
  - What is it?
  - Why it Matters
- **State Processing**
  - When is it?
  - Why Timeliness Matters
- **Survey Re-Opening**
  - Procedures for Re-Opening
  - Common Reasons for Re-Opening

- **Resources**
  - Database User Manuals
  - Data Quality Reports
- **What's Next?**

Data Quality

Data Quality Does Not Happen in a "Silo"

- Data quality starts at the **source** not at the **send**.

- Collaboration between district program staff and management information systems (MIS) staff is critical.

  - Data shared is data improved.

- There are numerous reports available to schools.

  - Many should be shared with the relevant district-level program areas.

- MIS/IS staff can request reports (NWRDC CICS Student Component Menu / Option 26 – Reports for Request).

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State Processing

Schedule of State Processing Dates, 2022-2023

Survey 2

- Survey week: October 10-14, 2022

- Due date: October 21, 2022

- State processing: October 17– **November 4, 2022**

- Final update/amendment date: December 15, 2022

Survey 9

- Due date: December 2, 2022

- State processing: November 21, 2022– **January 6, 2023**

Survey 3

- Survey week: February 6-10, 2023

- Due date: February 17, 2023

- State processing: February 13– **March 3, 2023**

- Final update/amendment date: April 15, 2023

Survey 5

- Due date: July 21, 2023

- State processing: July 17– **August 18, 2023**

- Final update/amendment date: October 31, 2023

http://fldoe.org/accountability/data-sys/database-manuals-updates/

Why is the End of State Processing Critical?

- Preliminary recalibrated full-time equivalent (FTE) files are produced.

- Ad hoc requests.

- Daily processing ends.

<u>**Survey 3**</u>

Survey week: February 6-10, 2023

Due date: February 17, 2023

State processing: February 13–**March 3, 2023**

Final update/amendment date: April 15, 2023

Survey Re-Opening

Survey Re-Opening Process

- Formal, written request must:
  - Be made on district letterhead.
  - Be signed by the district's Superintendent or their designee.
  - Be addressed to the Commissioner of Education.
  - Include a detailed explanation as to what needs to be amended and why.
    - Impacts to District
    - Impacts to State

Only the Commissioner can authorize the re-opening of a survey once closed.

Common Survey Re-Opening Reasons

- Insufficient mainframe report review.

- Technical/system issues with district student information system (SIS) or human resource (HR) system.

- Lack of response to Education Information and Accountability Services (ASKEIAS) and/or FTE Reports.

Resources

Florida Department of Education (FDOE) Database Manuals

- Important documents for district MIS **and** program area staff.

- Provide an explanation of data elements and their definitions.

- Will help to overcome the language barrier between MIS and program area staff.

- Explain FDOE reporting requirements.

- Define what should be captured by district SIS and HR systems.

- Help your program areas understand why this is important.

Data Quality Resources

PK-12 Database User Manual

APPENDIX R – Student Survey Checklists

- Potentially Problematic Data Elements by Record Format
- Datasets Loaded to Database
- Validation/Exception Reports
- Reports Listing Records with Certain Errors That Will Cause FTE to be Nulled
- Reports Helpful for Reviewing Data Submitted

http://fldoe.org/core/fileparse.php/7574/urlt/0100006-appr.pdf

Data Quality Resources

PK-12 Database User Manual

APPENDIX S – Staff Survey Checklists

- Selected Data Elements by Record Format
- Datasets Loaded to Data Quality 2 (DQ2) Database
- Validation/Exception Reports
- Reports Helpful for Reviewing Submitted Data

https://www.fldoe.org/core/fileparse.php/7574/urlt/0100007-apps.pdf

Data Quality Resources

- The DQ2 system is comprised of two areas:
  - Survey Preflight system.
  - Survey Production system.
- Preflight:
  - STUDENT and STAFF systems can utilize the DQ2 Preflight system to prepare quality data in advance of production survey file processing.
  - Data residing in Preflight is not used by the FDOE in official reporting.
- Production:
  - STAFF system can utilize DQ2 Production during the official survey windows.
  - PK-12 STUDENT system must use the Northwest Regional Data Center (NWRDC) for reporting production data.
  - Production data is used by FDOE for data quality and reporting.

Data Quality Reports

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*************************************************************** Top of Data ***************************************************************
FILE: 62.645                                      FLORIDA DEPARTMENT OF EDUCATION                                        PAGE   1
COMPILE DATE: 10/15/19                            STUDENT INFORMATION DATA BASE                            RUN DATE: 12-11-2019
COMPILE TIME: 16.09.43               STUDENTS WITH COURSE RECORDS BUT NO EXCEPTIONAL DATA                  RUN TIME: 20.35.01
                                              (THEREFORE FTE EARNED IS INVALID)
                                                      DISTRICT:
                                                   YEAR 1920 SURVEY 2


                     SCHOOL  STUDENT                               BEGIN    END              FTE
                      INST     ID      COURSE    SECTION  PERIOD  PERIOD    FEFP    EARNED
                     ------  ----------  -------  -------  ------  ------   ------   --------


*************************************************************** Top of Data ***************************************************************
FILE: 70.611                                      FLORIDA DEPARTMENT OF EDUCATION                                        PAGE   1
COMPILE DATE: 04/27/07                             STUDENT INFORMATION DATA BASE                            RUN DATE: 12-11-2019
COMPILE TIME: 14.15.40               STUDENTS WITH FEFP 130 BUT DEMOGRAPHIC LEP NOT LY/LP                  RUN TIME: 20.52.07
                                              (THEREFORE FTE EARNED IS INVALID)
                                                      DISTRICT:
                                                   YEAR 1920 SURVEY 2


     DISTRICT  SCHOOL  SCHOOL  STUDENT                              BEGIN    END              FTE     LIM ENG
                        INST     ID      COURSE   SECTION  PERIOD  PERIOD    FEFP    EARNED   PROF
     --------  ------  ------  ----------  -------  -------  ------  ------   ------   --------  -------
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Data Quality Reports

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FILE: F71265                                          FLORIDA DEPARTMENT OF EDUCATION
COMPILE DATE: 07/14/15                TRANSPORTATION NUMBER OF BASE STUDENTS, WEIGHTED ESE STUDENTS, BUSES
COMPILE TIME: 17.35.29                        2019-20 AND 2018-19      SURVEY 2 AND 3 AS OF RUN DATE


                                   S2 CY COMPARED TO PY S2      |   S2 CY COMPARED TO S2 NOVEMBER     |       S3 CY C
                                 S2 PY                          | S2                                  | S3 PY
    DISTRICT         CATEGORY    FINAL    S2 CY     DIFF      %  | NOVEMBER  S2 CY     DIFF        %    | FINAL    S3,
              1 BASE-STUDENTS    76,818  74,915   -1,903    -2.47 |      0  74,915   74,915          U* | 75,032
              2 WEIGHTED-ESE-STUDENTS  1,945   1,986      41     2.10 |      0   1,986    1,986          U* |  2,054
              3 BUSES            1,156   1,168      12     1.03 |      0   1,168    1,168          U* |  1,160


ED TO PY S2      |    S2 CY COMPARED TO S2 NOVEMBER    |     S3 CY COMPARED TO PY S3         |    S3 CY COMPARED TO S3 MARCH
          |    S2                                |  S3 PY                            |    S3
  DIFF       %  | NOVEMBER  S2 CY     DIFF      %   |  FINAL    S3 CY     DIFF       %    |  MARCH    S3 CY     DIFF       %
 1,903    -2.47 |      0  74,915   74,915        U* | 75,032       0  -75,032   -100.00* |      0       0       0     0.00
    41     2.10 |      0   1,986    1,986        U* |  2,054       0   -2,054   -100.00* |      0       0       0     0.00
    12     1.03 |      0   1,168    1,168        U* |  1,160       0   -1,160   -100.00* |      0       0       0     0.00
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Data Quality Reports

FLORIDA DEPARTMENT OF EDUCATION											
Number of Disaster Affected Students by District											
Survey 3, 2021-22, Data as of 04/15/2022 FINAL											
GQYV F71510											
Dist #	District Name	Student Moved to District due to Earthquake, No School Closure	Student Moved to District due to Earthquake and School Closure	Student Moved to District due to Other Natural Disaster, No School Closure	Student Moved to District due to Other Natural Disaster and School Closure	Student Changed Schools in District due to Earthquake, No School Closure	Student Changed Schools in District due to Earthquake and School Closure	Student Changed Schools in District due to Hurricane and School Closing	Student Changed Schools in District due to Hurricane, No School Closure	Student Moved to District due to Hurricane and School Closure	Student Moved to District due to Hurricane, No School Closure	Total Impacted
		E	F	O	P	Q	R	V	W	X	Y	
01	ALACHUA											
02	BAKER											
03	BAY	0	0	0	0	0	0	0	0	1	0	1
04	BRADFORD											
05	BREVARD	0	0	0	0	0	0	0	0	0	1	1
06	BROWARD	0	0	0	0	0	0	0	0	0	3	3
07	CALHOUN											
08	CHARLOTTE											
09	CITRUS	0	0	0	0	0	0	0	0	1	0	1
10	CLAY	0	0	0	0	0	0	0	0	0	3	3
11	COLLIER	0	0	0	0	0	0	0	0	3	0	3
12	COLUMBIA											
13	DADE	1	3	0	0	2	0	5	0	66	28	105

Data Quality Reports

	FLORIDA DEPARTMENT OF EDUCATION				
	STUDENT INFORMATION DATABASE				
	FTE REPORTED FOR MCKAY STUDENTS				
	SURVEY 3 2122 Preliminary Data as of 03/19/2022				

GQSX F71137

DIST #	DISTRICT NAME	STUDENT UNDUP-CNT	EXPECTED FTE	DATABASE REPORTED FTE	FTE DIFFERENCE	NON-MATCHED FTE
	STATE	25,081	12,533.15	12,462.83	70.3232	234.28
01	ALACHUA	248	123.92	124	-0.08	6
02	BAKER	19	9.5	9	0.5	1.5
03	BAY	196	97.98	97	0.98	1
04	BRADFORD	46	23	23	0	0
05	BREVARD	962	480.89	478.0251	2.8649	16
06	BROWARD	2,182	1,090.32	1,086.00	4.32	0
07	CALHOUN	3	1.5	1.5	0	0
08	CHARLOTTE	103	51.5	51.5	0	0
09	CITRUS	57	28.5	28.5	0	0.5
10	CLAY	307	153.5	150.5	3	6.5
11	COLLIER	166	83	83	0	9.5
12	COLUMBIA	131	65.5	65.5	0	3
13	DADE	4,140	2,069.07	2,060.28	8.7913	12

What's Next?

Contacts

Data Reporting

PK-12 Education Information Services

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