



Advancing Effective Decision Making by Advocating for Data Quality and Integrity

University System of Georgia

Research and Policy Analysis

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Agenda

- Data Collections
 - Best Practices
 - Common Validation Errors
- Data Governance
- Data Quality Control
- How USG uses your Data
 - Transparency & Accountability
 - Decision Making and Policy Analysis
 - Support USG Initiatives, State Agencies and Organizations
 - Support Campuses





Data Collections

- Human Resources Data Collection (HRDM)
 - Human Resources Data at the System Level Session is Friday, 10:30-11:20 in Room 105
- Facilities Data Collection (FIDC)
- Financial Aid Data Collection (FADC)
- Transfer Course Data Collection
- Academic Data Collection (ADC)



General Best Business Practices

- **Translations:** Institutional Code Mapping to Regents Codes
 - SOAXREF Translations: [Creating Translations for Data Collections Business practice](#)
- **Trend Data:** Trend reports available for FADC Fund Codes, ADC IPEDS First Time Freshman. Review persisted data reports if trend report not provided.
- **Data Stored Outside of Banner:** ADC, FADC, FIDC, Transfer Collections pull data from Banner. If data stored in another system, we are not collecting it.
- **Change System:** Changes to CRM or other Systems Feeding to Banner
- **Key Data Elements**



Facilities Data Collection

- Occurs twice annually
- To report building and room inventory
- To calculate space utilization
- Data is used for Academic Data Collection
 - ADC Validation VSE001: If Section Location code is A or D, External Site is null, building code is not 'NONFIR', and building code is not null, then the **building must be in the Facilities Master File**.
 - ADC Validation VSE014: If Section Location code is A or D and External Site is null and room code is not null then the **room must be in the Facilities Master File**.

Financial Aid Data Collection (FADC)

- Once a year during Fall Term
- Financial Aid Awards for the Previous Aid Year
 - Fall 2023 Collection will collect data for Fall 2022, Spring 2023, and Summer 2023. *Academic Year runs Summer to Spring.
- Data Elements
 - Awarded/Offered: RPRATRM_OFFER_AMT
 - Accepted: RPRATRM_ACCEPT_AMT
 - Paid Amounts: RPRATRM_PAID_AMT

Examples: Federal Work Study & PELL Recipients

https://www.usg.edu/research/financial_aid_hope_scholarship_reports



If your institution tracks financial aid data outside of Banner for any fund type, please contact us.



FADC – Common Validation Errors & Best Practices

- **Common Validation Errors**

- Max Limits - Based on Regents Fund Code
- Must have at least one student with xxxx Fund Code

- **Best Practices**

- Review Trend Reports to compare data to last collection: Institutional Funds; Student Funds; Student summary
- Review SOAXREF Translations: RGTFAID: fund code translations **All new codes must be mapped to Regents Fund Code**
 - [Creating Translations for Data Collections Business practice](#) and [FADC User Guide](#)

- **Validate Additional Reports:**

- Current Year Report – Student Funds
- Table Dump – Cost of Attendance Detail
 - Aid Year Budget - “RBRACMP_COMP_CODE” and “RBRACMP_AMT.”
 - Period Budgeting - “RBRAPBC_PBCP_CODE” and “RBRAPBC_AMT.”



Transfer Course Data Collection

- Once a year during Summer Term
- First Term Summer 2021 – Momentum Approach
- Purpose:
 - ADC collects aggregated transfer data & Dual Enrolled at USG
 - Transfer Data Collection is to find out how students earn Gateway Course credits
 - AP/IB/Other Advanced Standing
 - Dual Enrollment not at USG institutions
 - College Credit from prior institutions

- Student Population

Collection of data for undergraduate students who matriculated in the past year and received transfer credit articulated for lower-level English (ENGL) Math (MATH) or Statistics (STAT) courses.



TRANSFER — — STUDENTS

Academic Data Collection (ADC)

- 6x a year – MT / EOT / PH
- Collection Details
 - Details are outlined in the [Academic Data Collection Process Overview](#) document
 - Course, Student, and Graduation Data
 - Current Term Data & Previous Term Data



ADC - Validation Errors & Best Practices

Degree & Major not Authorized (DMA Errors)

- Degree Acronym, Degree Level, and CIP Code (6-digit STVMAJR & 2-digit extension on SOAXREF-RGTCIPC) Validations

BA	54010101	Bachelors	Bachelor of Arts with a Major in History	ON CAMPUS	-	Active
BA	45070100	Bachelors	Bachelor of Arts with a Major in Geography	ON CAMPUS AND ONLINE	-	Active

- Usually, collection edit errors at graduation side against DMA will not be relieved
- [Public DMA](#)
 - Review Regularly especially if changes have been requested
 - Contact RPA if approved changes have not been updated on the Public DMA. We will review with Academic Affairs.



ADC - Validation Errors & Best Practices

New Programs & Program Changes

- SharePoint Requests by Provost
- New Programs: Effective Term and 8-digit CIP Needed
 - Processed within 1-2 weeks after BOR Approval
- Program Changes: Effective Term Needed
 - Processing time depends effective term. Example: A name change can be processed immediately as there is no validation for name changes. A CIP Code Change cannot be applied until effective term.
- Deactivations & Terminations
 - If Deactivation there is a teach out – no new students can enroll. If D Status for Fall 2023 then no new Fall 2023
 - If Terminated, no students enrolled for current term and no students awarded prior term or you will see errors. 1 term delay may be necessary for DMA updates.
 - Looking to enhance in future collections

DMA Enhancement Project

- Cleanup of Current Data
- New Data Fields to support Strategic Plan, and promote institutions programs
- Power BI Interface for public DMA

ADC - Validation Errors & Best Practices

Valid FICE and HS Code

- [FICE/HS Code Translation Portal](#) - Email USG ITS ServiceDesk for new codes or to request updates
- [FICE and HS Code Translation User Guide](#)
- Source/Background Institution Code Validation Form (STVSBGI) in Banner
 - Source or Background Institution Column is STVSBGI_CODE Field
 - FICE Column is STVSBGI_FICE Field

Source or Background Institution *	Description *	Type *	Source Indicator	Admissions Request	Admissions Request Description	Electronic	FICE	V
5059	Berry College	College	<input checked="" type="checkbox"/>				001554	
10300	Berry High School	High School	<input checked="" type="checkbox"/>	HSTR	High School Transcript		010300	



Key Data Elements

Matriculation Term

- ZHRMATR – [Update Matriculation Term Process](#)
- Data Element Dictionary Matriculation Term (page 93)
- Updates from Undergraduate to Graduation to Professional Level
- Updates from Transient to Undergraduate, or Dual Enrolled to Undergraduate
- Does not update from original Undergraduate Admission when later readmitted
- Used in First Time Freshman Calculations

High School Graduation – GPA, Graduation Year / Date

- Used in First Time Freshman Calculations
- New Validations – Null data fields



Key Data Elements

Course Credit Hours (Credit Levels & Budget Group)

- [Functional & Technical Definitions of Derived Variables](#)
- Instructional Level Code and Course CIP Codes combined determine the budget group

Enrollment Errors (curriculum)

- Students enrolled in a major they were awarded in a prior term
- Institutional Academic Level– Looking to enhance our collection to pull all priorities

Online Courses Definition

- Section Location Codes (B – Section w/unassigned space or E – At a specific off campus site with unassigned space) AND
- Instructional Delivery Codes (E – Entirely at a Distance or F – Fully at a distance) AND
- Course Section Technology (21 – Internet; Previously 6 or 06 was utilized)

Social Security Number

- Incorrect SSNs create issues tracking students from one institution to the next or even within the institution.

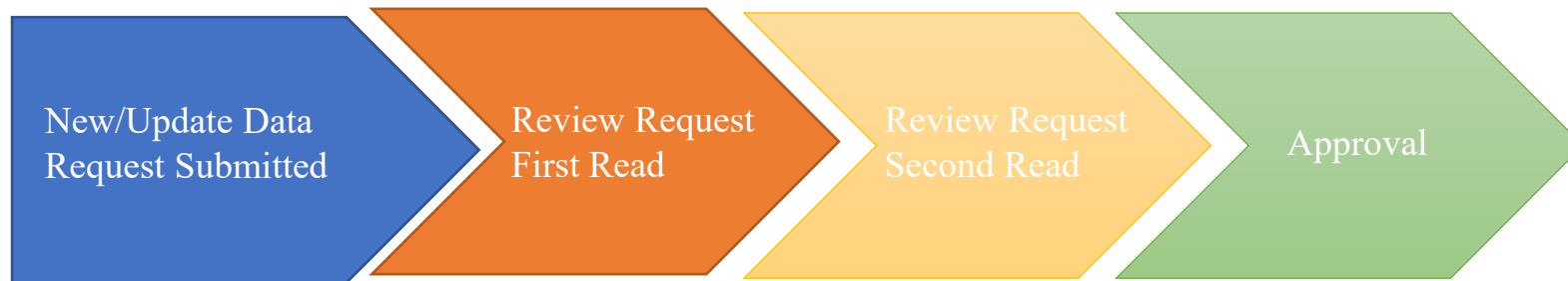


ADC - Validation Reports

- Preliminary IPEDS FTF (Fall MT Only)
- Preliminary Semester Enrollment Report (SER)
- Credit Hours by Budget Program
- Semester Total Credit Hours
- Attribute Summary
- Fee Classification Summary
- Dual Enrollment Students with Matriculation Term Issues

Data Governance - DGC

- Representatives from colleges and units
- New/Update Data Element Requests





Data Governance - Data Quality Control

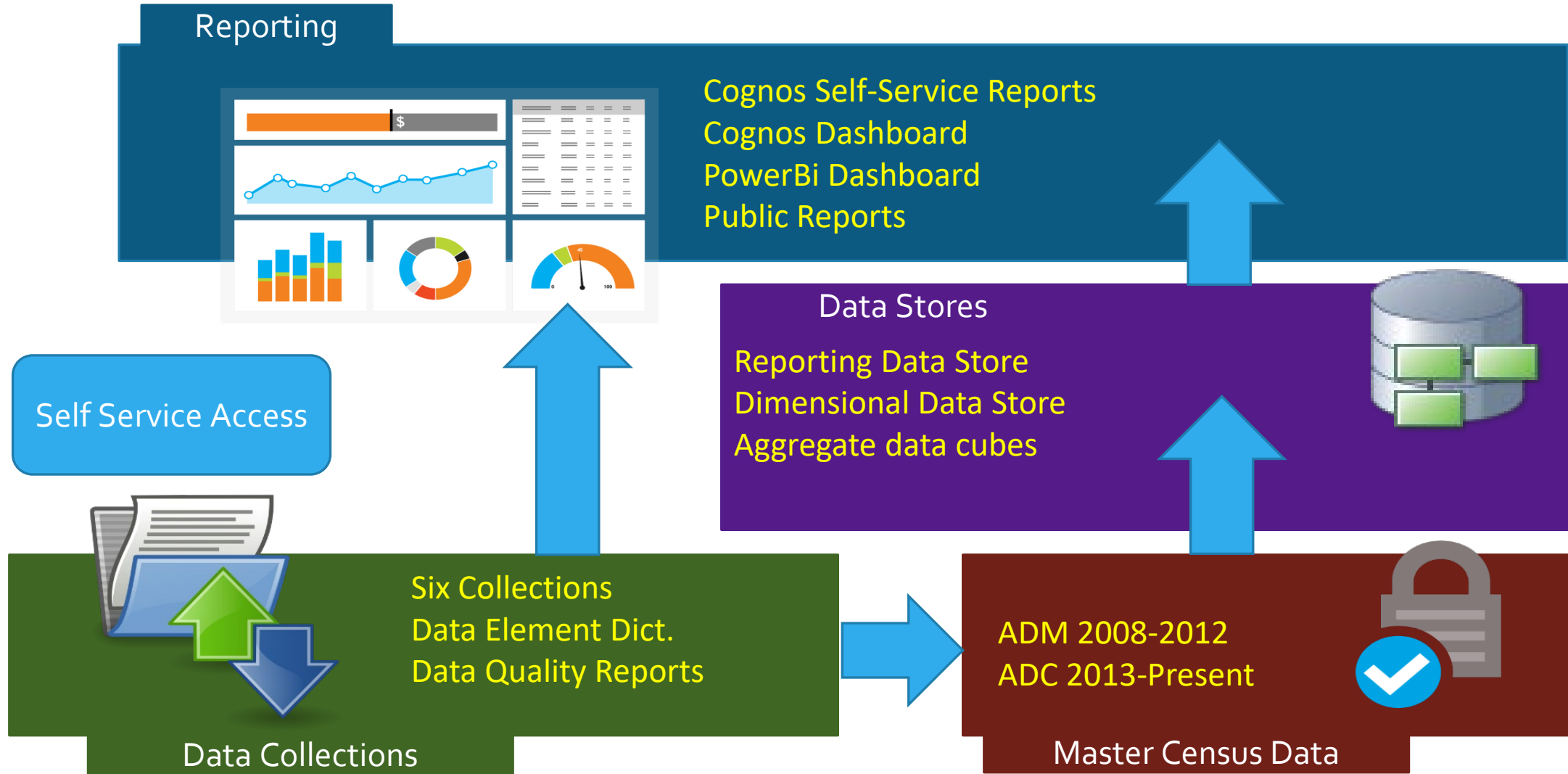
- Business Processes
- Data Element Dictionary
- Functional & Technical Definitions of Derived Variables
- Certification Resource Guides
- USG Valid Values
- Validation Rules
- Training



How USG uses your Data



Data Flow





Transparency and Accountability

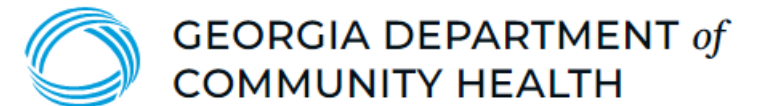
- Strategic Plan metrics – Dashboard published
https://www.usg.edu/strategic_plan/dashboard
- Georgia Degrees Pay
<https://www.usg.edu/georgia-degrees-pay>
- Student Outcomes web pages
https://www.usg.edu/institutions/student_outcomes/
- USG by the Numbers and Credit Hours – Dashboards published
https://www.usg.edu/research/data_dashboards
- Regular reports – inventory shared with institutions
- Responding to external inquiries



Decision Making and Policy Analysis

- Inform policy decisions
- Model legislative impacts
- Monitor trends and performance
- Assess success of policy and initiatives

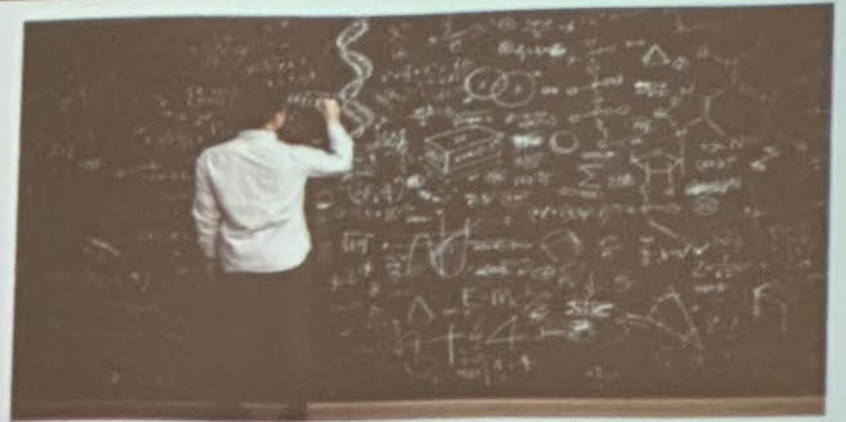
Support USG Initiatives, State Agencies and Organizations



Supporting Campuses

- Funding formula
 - Credit hours
 - Facilities data
- Space utilization analysis
- Reports showing inter-campus dynamics and outcomes
- Running and submitting data on campus behalf
- Best practices development
- Data analytics to support decision making

USG Funding Formula



- Current “Formula for Excellence” implemented in 1984
- Formula used to calculate the lump sum amount - approximates the cost to educate students (*faculty, support services, etc.*)
- Funding appropriated annually by the General Assembly
- Formula is a request formula not an allocation formula
- Formula components:
 1. **Enrollment Growth** -- Based on Growth in Credit Hours (2-year lag)
 - Summer 2022, Fall 2022, Spring 2023 – Drives FY 2025 Formula Request
 2. **Maintenance and Operations (M&O)** - Based on Increase in Square Footage
 3. **Health Insurance and Retiree Benefits** - Based on increases in health insurance premiums for current employees and retirees
- Historically 75/25 state funds/tuition split. currently ~ 57/43

Assistance & Resources

Data Collection Resources

- [ITS Data & Reporting Services](#) (Links to APEX, Cognos, DMA, External Site Report, FICE/HS Application, Data Collections Documentation)
- [Research & Policy Analysis](#) (Links to Data Dashboards, Credit Hour Reports, DMA, Data Reporting Resources, etc.)
- [Business Processes](#) (Requires USG Single Sign-On)
- [Georgia Enhancements Functional User Documentation](#) (Requires USG Single Sign-On)

Any Questions?



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