Information Technology Services

University System of Georgia Information Technology Services

Enterprise Data Management & Analytics

Beta Test Plan

ADC Summer End-of-Term (EOT) 20251

Test Plan for ADC Summer EOT 20251

Preparation for Testing

Academic Release 1.18 and Data Collections ETL (ZADMETL) 1.3 must be applied to your TEST database to prepare for testing. Please follow the steps below to prepare for testing the release:

Step 1
Set up and/or identify test cases for testing the extraction and editor.

Step 2
In Banner, run the Data Collection Extraction process (ZADMETL) from Banner Job Submission (GJAPCTL).

Step 3
Turn on the ITS version of GlobalProtect VPN. For download, install, and login instructions, email DW_Test@usg.edu.

Step 4
Run the USG Extract in the TEST environment using the following URL:
https://appst.ds.usg.edu/ords/f?p=38576

Step 5
Review the Data Submission Error report to validate changes included in the release in the Cognos TEST environment using the following URL:
https://analyticst.ds.usg.edu/bi/

Contents

Collection of Regents Residency Code 'Z' for Out-of-Country Students

Purpose

In the April 2024 meeting, the Board of Regents approved a new Out-of-Country tuition rate effective Fall 2024. To facilitate the availability of data on students who are charged the new out-of-country rate, residency data will be collected in the ADC Summer End-of-Term (EOT) collection.

Functionality delivered with this release:

This change involves adding a new residence code value, 'Z' with the description 'Out-of-Country,' to both the EDW_RESIDENCY_CODE_LKP and EDW_REGENTS_RESD_CODE_LKP tables. The RESIDENCY_CODE_LKP table will also be modified to include 'FROM_TERM' and 'TO_TERM' columns.

Validation VSTE217, under data element STE069 - Residency Code, will be updated to evaluate valid values from the EDW_RESIDENCY_CODE_LKP table instead of using hard-coded values. The validation text will be updated from 'Residency Code must be I or O' to 'Residency Code must be a valid value.'

The following validation will be created under data element STE114 - Regents Residence Code:

   VSTE332: If Regents Residence Code is Z, then Residency Code must be O.

After the Summer End-of-Term collection closes, the persistence process will be updated to overwrite the existing STUDENT_RESIDENCY_CODE value with 'Z' when the REGENTS_RESD_CODE is 'Z.'

Reminder

All institutions must translate the residency code for students classified as out-of-country to the electronic value 'Z' with a description of "**Out-of-Country**" on the Banner EDI Cross-Reference Rules **SOAXREF-RGTRESD** page, regardless of the residency code used on **STVRESD**.

Test Scenarios

Test Scenario 1: Verify Data Element Dictionary (DED)

In Cognos, generate a data element dictionary using the Data Dictionary > Download PDF option. Verify the DED entries for the following data elements:

Residency Code (STE069)

The description should display:
- o This field indicates whether residency is in state, out of state, or out of country

The Validation Rules should display:
- o Code: VSTE217
- o Description: Residency Code must be a valid value.

The Valid Values should include new values:
- o Code: Z
- o Description: Out of Country

The Change History Section should include the following entry:
- o ACADEMIC_TERM: 20251
- o CHANGE_DATE: July 17, 2024
- o CHANGE_NOTES: Updated the element Description, added valid value 'Z' for Out of Country, and edited validation VSTE217.

Regents Residence Code (STE114)

The Valid Values section should include:
- o Code: Z
- o Description: Out of Country

The Validation Rules section should include the following:
- o Code: VSTE332
- o Description: If Regents Residence Code is Z, then Residency Code must be O.

The Change History Section should include the following entry:
- o ACADEMIC_TERM: 20251
- o CHANGE_DATE: July 17, 2024
- o CHANGE_NOTES: Added valid value 'Z' for Out of Country and created validation VSTE332.

Testing successful?   Yes   No

Test Scenario 2: Verify Institutional Residence Code

On the Banner EDI Cross-Reference Rules (**SOAXREF-RGTRESD**) page, verify that the institutional residence code for out-of-country is translated to the electronic value 'Z' with a description of "**Out-of-Country**," regardless of the residency code used on STVRESD.

Testing successful?   Yes   No

Test Scenario 3: Verify Residency Code Reference Code Report

In Cognos, navigate to Reference Code Reports > All Reference Tables > Residency Code Reference Report. Verify that an entry for 'Z' exists under STUDENT_RESIDENCY_CODE for the out-of-country student(s) with the FROM_TERM as 20252 and the TO_TERM as 99999.

Testing successful?   Yes   No

Test Scenario 4: Verify Regents Residence Code Reference Report

In Cognos, navigate to Reference Code Reports > All Reference Tables > Regents Residence Code Reference Report. Verify that an entry for 'Z' exists under REGENTS_RESD_CODE for the out-of-country student(s) with the FROM_TERM as 20252 and the TO_TERM as 99999.

Testing successful?   Yes   No

Test Scenario 5: Run ZADMETL

If your institution does not have a student currently coded with the institutional value used to identify out-of-country students, temporarily change the residence code for a sample student to the institutional residence code value.

In Banner, run the ZADMETL extraction process from the Process Submission Controls (GJAPCTL) for Parameter Value "A" to generate output for the Academic Data Collection (ADC). Verify that all ZADMETL steps show the status "SUCCESS" by reviewing the .lis and .log files.

Testing successful?   Yes   No

Test Scenario 6: Verify Residence Code 'Z'

If the ZADMETL process was completed successfully in Test Scenario 5, perform the ADC extraction and verify completion by viewing the status of "SUCCESS."

In Cognos, navigate to Submission Status > Submission Summary > Submission Term: 20251 – EOT > Student > Enrollment (ods_admstu_ste_attr_mimic) > View / Download to review the Table Dump – Student Enrollment (ods_admstu_ste_attr_mimic) report. Verify that 'Z' is collected correctly in the column REGENTS_RESD_CODE for the selected students in your Banner database.

Testing successful?   Yes   No

Test Scenario 7: Review Validation Errors

In Cognos, navigate to Data Submission Errors > Institution Summary. Click the View/Download link on the Enrollment (ods_admstu_ste_attr_mimic) row to view validation errors, if any exist.

- Verify that the following validation errors were not received:
    - VSTE332 - If Regents Residence Code is Z, then Residency Code must be O.
    - VSTE217 – Residency Code must be a valid value.

If the institutional residence code was changed for a sample student in Test Scenario 2, change the institutional residence code back to the original value.

Testing successful?   Yes   No

If testing was unsuccessful, please explain the issues in detail here:

Signature:

Title:

Appendix A: Document Change History

This section details the history of the document and updates made for each modification.

Date	Form/Process	Page	Update Description
June 26, 2024	N/A	N/A	Initial release of beta test plan.