Decision Support Release Notes

Release 2005-11

1. General Data Warehouse

1.1 Add NetID Data to New Table

Products Affected: New EDW Table (T_NETID)
Business Objects Universes

Universe Affected: EDW – HR – Employee Administration
EDW – HR – Position/Job Hierarchy
EDW – STU – Current Applicant
EDW – STU – Academic Records
EDW – STU – Registration Complete
EDW – STU – Registration Limited
EDW – STU – Registration Directory

Case Number: 20041008_368

Implemented On: October 20, 2005

Description: Decision Support has added a new Data Warehouse table containing NetID data as assigned by the University. The NetID data can be used in combination with other Data Warehouse data, and all users will have access to this table. The new NetID table can be accessed via ODBC at T_NETID, and associated NetID objects have been added to the Business Objects universes listed above.

2. Catalog & Schedule

2.1 Add Section Print Indicator Data

Products Affected: Catalog & Schedule EDW Tables (T_SECT_BASE)
Catalog & Schedule Business Objects universes
Pre-Registration & Registration Business Objects universes
Registration Census EDW Tables (T_RS_SECT_BASE)
Registration Census Business Objects universes

Universe Affected: EDW – STU – Course Schedule
EDW – STU – Registration Census
EDW – STU – Registration Complete
EDW – STU – Registration Limited

Case Number: 20050312_59

Implemented On: November 17 (table changes) & November 22 (universe changes), 2005

Description: Decision Support has added a new column and associated objects for Print Indicator. The Print Indicator data is sourced from the Banner table SSBSECT.PRINT_IND and indicates whether the corresponding course/CRN data can be printed or made visible by University units.   A new PRINT_IND column is available in the T_SECT_BASE and T_RS_SECT_BASE tables; corresponding objects are available in the universes listed above.

3. Finance

3.1 Modify Purchase Order Universe Join

Products Affected: Finance Business Objects universes

Universe Affected: EDW – Finance – Purchase Order/Invoices

Case Number: 20051019_111

Implemented On: November 17, 2005

Description: Decision Support has modified a universe join to ensure that only Current records are included for reports using Vendor Type Code data. A restriction for EDW.T_VEND_TYPE_CD_HIST.VEND_TYPE_CD_CUR_INFO_IND='Y' has been added to EDW.T_VEND_TYPE_CD_HIST and all its aliases in the EDW Purchase Order invoices universe.

3.2 Add Year-to-Date Objects to OL/GL Universe

Products Affected: Finance Business Object universes

Universe Affected: EDW – Finance – Ledgers OL/GL

Case Number: 20051013_700

Implemented On: November 21, 2005

Description: Decision Support has added new objects for YTD Revenue, YTD Expense, YTD Encumbrance, and YTD Reservation. Data for the objects is sourced from the EDW table T_OL_SUM. These new objects have been added to the OL Summary class in the OL Summary context of this universe. These objects should always be used with a specified Fiscal Year and Fiscal Period for reporting purposes.

3.3 Add User ID Information to Transaction Data

Products Affected: Finance EDW Tables
                            Finance Business Object universes

Universe Affected: EDW – Finance – Ledgers OL/GL

Case Number: 20040318_155

Implemented On: November 17 (table changes) & November 21 (universe changes), 2005

Description: Decision Support has added User ID information to the OL and GL Transaction data available in the Ledgers OL/GL universe and corresponding EDW tables (T_OL_DETL, T_GL_DETL, and T_POST_TRAN). User ID data for these transactions is derived from the User ID data stored in the Banner table FOBPROF and is populated using corresponding NetID data available in the EDW T_NETID table. New universe objects are named OL Detail User ID and GL Detail User ID and are available in the Operating Ledger Detail and General Ledger Detail classes, respectively.

The User ID information will enable units to view which users are creating and applying transactions to specific CFOAP accounts. Using this new data, users can systematically identify transactions which were created by a particular User ID, in order to isolate high risk transactions based on user id, which could have been inappropriately charged to the college/dept C-FOAPAL.

4. Financial Aid

4.1 Add Level GPA Objects to Financial Aid Universes

Products Affected: Financial Aid Business Objects Universe

Universe Affected: EDW – STU – Financial Aid

Case Number: 20050518_780

Description: Previously, Level GPA data existed only in the Records universe, and users wishing to report on Level GPA data in combination with Financial Aid data were required to join multiple universes (i.e., FinAid and Registration). In order to make this type of reporting easier, Decision Support has added new Level GPA objects to the Financial Aid universe. The data for the new objects is sourced from the EDW table T_STUDENT_AH_LEVEL_GPA_HIST.

Specific objects added include:
- Level GPA
- Level GPA Code
- Level GPA Description
- Level GPA Attempted Hour
- Level GPA Earned Hour
- Level GPA Hour
- Level GPA Passed Hour
- Level GPA Quality Point
- Level GPA Type Indicator
- Level GPA Deficit Point

4.2 Add Student Fee Assessment Code/Description Objects

Products Affected: Financial Aid Business Objects Universe

Universe Affected: EDW – STU – Financial Aid

Case Number: 20051018_141

Implemented On: November 23, 2005

Description: Decision Support has added two new objects for Student Fee Assessment Code and Student Fee Assessment Description to the Financial Aid universe. These new objects are located in the Term Based Academic Record sub-class of the Financial Aid Awards by Term class. Data for these objects is sourced from the EDW table T_STUDENT_TERM. These new objects can be used to assist Financial Aid offices in projecting future budgets by reviewing "populations" of students by their specific Reg Fee Assessment and Admit Term.

4.3 Add Enrollment Time Status Code/Description Objects

Products Affected: Financial Aid Business Objects Universe

Universe Affected: EDW – STU – Financial Aid

Case Number: 20050215_503

Implemented On: November 23, 2005

Description: Decision Support has added new objects for Enrollment Time Status Codes/Descriptions, Dates, and Indicators as specified in the table below. These new objects are located in the Student Enrollment Class. The objects are sourced as indicated in the table below.

Object Name	EDW Source Table	EDW Source Column
Enrollment Time Status Code	T_STUDENT_REG_HIST	ENRL_TIME_STATUS_CD
Enrollment Time Status Desc	T_STUDENT_REG_HIST	ENRL_TIME_STATUS_DESC
Enrollment Time Status Change Date	T_STUDENT_REG_HIST	ENRL_TIME_STATUS_CHG_DT
Enrllmnt Time Stat Change Type Ind	T_STUDENT_REG_HIST	ENRL_TIME_STATUS_CHG_TYPE_IND
NSC Enrollment Time Status Code	T_NSC_ENRL_TIME_STATUS_HIST	NSC_ENRL_TIME_STATUS_CD
NSC Enrollment Time Status Desc	T_NSC_ENRL_TIME_STATUS_HIST	NSC_ENRL_TIME_STATUS_DES
NSC Enrollment Time Status Date	T_NSC_ENRL_TIME_STATUS_HIST	NSC_ENRL_TIME_STATUS_DT
IPEDS Time Status Cd	T_STUDENT_REG_HIST	IPEDS_TIME_STATUS_CD
Student Registration Ind	T_STUDENT_REG_HIST	STUDENT_REG_IND

5. Human Resources/Payroll

5.1 Add Organization Data to Position History

Products Affected: HR EDW Tables
                          HR Business Objects Universe

Universe Affected: EDW – HR – Employee Administration
                          EDW – HR – Payroll
                          EDW – HR – Position and Job Hierarchy
                          EDW – HR – Salary Planner
                          EDW – HR – Time and Attendance

Case Number: 20041102_285

Implemented On: November 17 (table changes) & November 21 (universe changes), 2005

Description: Decision Support has added Organization data to the Position History table
(T_POSN_HIST) in order to enable users to more easily report on positions belonging to their organization.
Users are now able to use this new data combination to easily identify open positions within an
organization, among other reporting goals.

Organization Code data added to the Position History table is sourced from the Banner table NBRPTOT.
All rows in the Position History table will be populated with the Current Organization Code data from the
T_ORG_HIST table. Users who require historical organization code data can use the T_ORG_HIST table
to view this data.

5.2 Add NetID Objects to HR Universes

Products Affected: HR Business Objects Universe

Universe Affected: EDW – HR – Employee Administration
                          EDW – HR – Position and Job Hierarchy

Case Number: 20050726_675

Implemented On: November 21, 2005

Description: Decision Support has added new objects for NetID data to the HR universes listed
above. The NetID data is sourced from the new EDW table T_NETID.

5.3 Correct Contract History Data Status Description Processing Error

Products Affected: HR EDW Table (T_CNTRCT_HIST)

Universe Affected: N/A

Case Number: 20050630_208

Implemented On: November 17, 2005

Description: Decision Support has corrected an error in processing logic on the T_CNTRCT_HIST table that incorrectly allowed more than one record to be marked with a Data Status Description of 'Current'. The processing logic has been corrected to ensure that only one row is marked as Current, and all other rows marked appropriately as Future, Expired, or Deleted.

5.4 Changes to Deduction Tables and Universe

Products Affected: HR EDW Tables
                            HR Business Objects Universe

Universe Affected: EDW – HR – Deduction Administration

Case Number: 20040728_132

Implemented On: November 17 (table changes) & November 21 (universe changes), 2005

Description: Decision Support has redesigned the structure of the Deduction/Benefits data in the Data Warehouse. The previous table and universe structures caused unreliable results for deductions associated with a deduction plan. The redesign of the Deductions data and universes will correct these errors and provide reliable reporting results for these types of deductions.

New tables to store Deduction data have been added, and the Deduction Administration universe has been altered to use the new data tables as the source for universe objects instead of the old data tables.

The new Deduction tables that have been added to the Data Warehouse are:
- T_BNFT_DED
- T_BNFT_DED_HIST
- T_BNFT_DED_PLAN_AUD_HIST
- T_PERS_BNFT_DED_AUD_HIST
- T_PERS_BNFT_DED_PLAN_HIST

Action will be required.
Users who have created reports using the Deduction Administration universe should redevelop their reports as soon as possible to use the new objects available. Existing reports will continue to return results at least through the end of the year. However, Decision Support will eventually remove old objects from the Deduction Administration universe. Once these objects have been removed, any reports which use the old objects will no longer return results. Decision Support has not yet determined a data on which these objects will be removed.

Users who have created reports using an ODBC connection (i.e., MS Access, Crystal Reports, etc.) should redevelop their reports to use the new Deduction tables as soon as possible. Existing reports using the old Deduction tables will continue to return results at least through the end of the year. However, Decision Support will eventually remove these tables, and they will no longer be available for reporting purposes.

Any reports which use these old tables will no longer return results once these tables have been removed. Decision Support has not yet determined a date on which these tables will be removed.

For more detailed information about how this change might impact you, contact Decision Support via the on-line Help Desk at http://onlinesupport.uillinois.edu/ds.html.

6. Pre-Registration & Registration

6.1 Add Section Print Indicator Data

Products Affected: Catalog & Schedule EDW Tables (T_SECT_BASE)
Catalog & Schedule Business Objects universes
Pre-Registration & Registration Business Objects universes
Registration Census EDW Tables (T_RS_SECT_BASE)
Registration Census Business Objects universes

Universe Affected: EDW – STU – Course Schedule
EDW – STU – Registration Census
EDW – STU – Registration Complete
EDW – STU – Registration Limited

Case Number: 20050312_59

Implemented On: November 17 (table changes) & November 22 (universe changes), 2005

Description: Decision Support has added a new column and associated objects for Print Indicator. The Print Indicator data is sourced from the Banner table SSBSECT.PRNT_IND and indicates whether the corresponding course/CRN data can be printed or made visible by University units.   A new PRINT_IND column is available in the T_SECT_BASE and T_RS_SECT_BASE tables; corresponding objects are available in the universes listed above.

6.2 Add Level GPA Objects to Registration Universes

Products Affected: Pre-Registration & Registration Business Objects universes

Universe Affected: EDW – STU – Registration Complete
EDW – STU – Registration Limited

Case Number: 20050523_543

Implemented On: November 17, 2005

Description: Previously, Level GPA data existed only in the Records universe, and users wishing to report on Level GPA data and Registration Activity were required to join multiple universes (i.e., Records and Registration). In order to make this type of reporting easier, Decision Support has added new Level GPA objects to Registration universes. The data for the new objects is sourced from the EDW table T_STUDENT_AH_LEVEL_GPA_HIST.

Specific objects to be added include:
- Level GPA
- Level GPA Code
- Level GPA Description
- Level GPA Attempted Hour
- Level GPA Earned Hour
- Level GPA Hour
- Level GPA Passed Hour
- Level GPA Quality Point
- Level GPA Type Indicator
- Level GPA Deficit Point

6.3 Add Calculated Class Data to Registration Tables & Universes

Products Affected: Pre-Registration & Registration EDW Tables (T_STUDENT_TERM)
                            Pre-Registration & Registration Business Objects universes

Universe Affected: EDW – STU – Registration Complete
                            EDW – STU – Registration Limited
                            EDW – STU – Registration Directory

Case Number: 20050329_240

Implemented On: November 17, 2005

Description: Decision Support has added data for Calculated Class Code and Description to the
Registration table T_STUDENT_TERM (CALC_CLASS_CD and CALC_CLASS_DESC). The Calculated
Class data contained in this table is the current calculated class value from the Banner system. In addition,
2 new objects for Calculated Class Code and Calculated Class Description have been added to the
Registration universes listed above.

6.4 Add NetID Objects to Registration Universes

Products Affected: Pre-Registration & Registration Business Objects Universe
                            Academic Records Business Objects Universe
                            Recruiting & Admissions Business Objects Universe

Universe Affected: EDW – STU – Academic Records
                            EDW – STU – Current Applicant
                            EDW – STU – Registration Complete
                            EDW – STU – Registration Limited
                            EDW – STU – Registration Directory

Case Number: 20050727_215

Implemented On: November 17, 2005 (Registration universes)

Description: Decision Support has added new objects for NetID data to the Registration
universes listed above. The NetID data is sourced from the new EDW table T_NETID.

6.5 Correction to Permanent/Mailing Address Indicator Logic

Products Affected: R&A EDW Tables
                            Pre-Registration & Registration EDW Tables
                            Records EDW Tables

Universe Affected: EDW – STU – Current Recruit

Case Number: 20051025_344

Implemented On: November 1, 2005

Description: Decision Support has corrected the processing logic for Student Permanent and
Mailing Address Indicators. The logic associated with these indicators will function as follows:
   ▪   If a student has a current Mailing Address, the Mailing Address Indicator will return Y.

- If a student has a current Permanent Address, the Permanent Address Indicator will return Y.
- If a student has no Mailing Address, but a current Permanent Address, the Permanent Address will be used as a Mailing Address, and the Mailing Address Indicator and Permanent Address Indicators will return a Y.
- If a student has a current Mailing Address but no Permanent Address, the Mailing Address will be used as the Permanent Address, and the Permanent Address Indicator and the Mailing Address Indicator will return a Y.

7. Records & Transfer Articulation

7.1 Add NetID Objects to Records Universe

Products Affected: Pre-Registration & Registration Business Objects Universe
Academic Records Business Objects Universe
Recruiting & Admissions Business Objects Universe

Universe Affected: EDW – STU – Academic Records
EDW – STU – Current Applicant
EDW – STU – Registration Complete
EDW – STU – Registration Limited
EDW – STU – Registration Directory

Case Number: 20050727_215

Implemented On: November 17, 2005 (Records universe)

Description: Decision Support has added new objects for NetID data to the Academic Records universe. The NetID data is sourced from the new EDW table T_NETID.

7.2 Correction to Permanent/Mailing Address Indicator Logic

Products Affected: R&A EDW Tables
Pre-Registration & Registration EDW Tables
Records EDW Tables

Universe Affected: EDW – STU – Current Recruit

Case Number: 20051025_344

Implemented On: November 1, 2005

Description: Decision Support has corrected the processing logic for Student Permanent and Mailing Address Indicators. The logic associated with these indicators will function as follows:
- If a student has a current Mailing Address, the Mailing Address Indicator will return Y.
- If a student has a current Permanent Address, the Permanent Address Indicator will return Y.
- If a student has no Mailing Address, but a current Permanent Address, the Permanent Address will be used as a Mailing Address, and the Mailing Address Indicator and Permanent Address Indicators will return a Y.
- If a student has a current Mailing Address but no Permanent Address, the Mailing Address will be used as the Permanent Address, and the Permanent Address Indicator and the Mailing Address Indicator will return a Y.

8. Recruiting & Admissions

8.1 Add NetID Objects to Applicant Universe

Products Affected: Pre-Registration & Registration Business Objects Universe
Academic Records Business Objects Universe
Recruiting & Admissions Business Objects Universe

Universe Affected: EDW – STU – Academic Records
EDW – STU – Current Applicant
EDW – STU – Registration Complete
EDW – STU – Registration Limited
EDW – STU – Registration Directory

Case Number: 20050727_215

Implemented On: November 22, 2005 (Current Applicant universe)

Description: Decision Support has added new objects for NetID data to the Current Applicant universe. The NetID data is sourced from the new EDW table T_NETID.

8.2 Add Admission Rating User ID Data to Security View

Products Affected: Recruiting & Admissions Security View

Universe Affected: N/A

Case Number: 20050914_188

Implemented On: November 10, 2005

Description: Decision Support has added the Admission Rating User ID field (ADM_RATING_USER_ID) to the V_ADM_RATING_HIST security view. ODBC users can now include this data in reports on admissions rating information. The Admission Rating User ID data is sourced from the T_ADM_RATING_HIST table in the EDW.

8.3 Re-Include Max Test Score Objects

Products Affected: Recruiting & Admissions Business Objects Universes

Universe Affected: EDW – STU – Current Applicant

Case Number: 20051025_157

Implemented On: November 1, 2005

Description: The Max Test Score objects were erroneously removed from the Current Applicant universe during the October release implementation. These objects were re-included in the universe on November 1.

8.4 Correction to Data Mart Processing Logic for Mailing Address Telephone

Products Affected: R&A Data Mart Tables

Universe Affected: DM – STU – Graduate Admissions
                            DM **–** STU – Undergraduate Admissions

Case Number: 20050810_514

Implemented On: November 17, 2005

Description: Decision Support has updated the processing logic used to populate the Mailing Address Telephone Number field in the T_DM_RECRUIT table. Previously, this field was populated using logic that matched mailing address and telephone number sequence numbers. This logic caused some telephone number data to not appear in the table. Decision Support updated the processing logic to ensure that the telephone number column is populated with telephone data marked as 'Current' in the Banner source system and the EDW base tables, regardless of sequence number.

8.5 Correction to Max ACT Composite Object in Current Recruit

Products Affected: R&A Business Objects Universe

Universe Affected: EDW – STU – Current Recruit

Case Number: 20050930_62

Implemented On: November 1, 2005

Description: Previously, the universe logic applied to the Max ACT Composite object in the Current Recruit universe caused the incorrect results to be returned. This logic has been corrected, and the Max ACT Composite object can be used to return accurate reporting results.

8.6 Correction to Permanent/Mailing Address Indicator Logic

Products Affected: R&A EDW Tables
                            Pre-Registration & Registration EDW Tables
                            Records EDW Tables

Universe Affected: EDW – STU – Current Recruit

Case Number: 20051025_344

Implemented On: November 1, 2005

Description: Decision Support has corrected the processing logic for Student Permanent and Mailing Address Indicators. The logic associated with these indicators will function as follows:
- If a student has a current Mailing Address, the Mailing Address Indicator will return Y.
- If a student has a current Permanent Address, the Permanent Address Indicator will return Y.

- If a student has no Mailing Address, but a current Permanent Address, the Permanent Address will be used as a Mailing Address, and the Mailing Address Indicator and Permanent Address Indicators will return a Y.
- If a student has a current Mailing Address but no Permanent Address, the Mailing Address will be used as the Permanent Address, and the Permanent Address Indicator and the Mailing Address Indicator will return a Y.

9. Registration Census

9.1 Add Section Print Indicator Data

Products Affected: Catalog & Schedule EDW Tables (T_SECT_BASE)
Catalog & Schedule Business Objects universes
Pre-Registration & Registration Business Objects universes
Registration Census EDW Tables (T_RS_SECT_BASE)
Registration Census Business Objects universes

Universe Affected: EDW – STU – Course Schedule
EDW – STU – Registration Census
EDW – STU – Registration Complete
EDW – STU – Registration Limited

Case Number: 20050312_59

Implemented On: November 17 (table changes) & November 22 (universe changes), 2005

Description: Decision Support has added a new column and associated objects for Print Indicator. The Print Indicator data is sourced from the Banner table SSBSECT.PRNT_IND and indicates whether the corresponding course/CRN data can be printed or made visible by University units.   A new PRINT_IND column is available in the T_SECT_BASE and T_RS_SECT_BASE tables; corresponding objects are available in the universes listed above.

Note: For Registration Census, this data will be populated for all Census dates occurring <u>after</u> November 17, 2005.