

Decision Support Release Notes

Directory Information Project

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Directory Information Project Implementation Impacts

Introduction

As part of the Directory Information project, Decision Support has modified existing data structures for Address History and Telephone History. To accommodate the project objectives, several existing data columns have been removed from this table and its associated security views, the table processing logic has been refined, and new tables and columns are now made available. These changes may impact reports or data downloads that you have created using an ODBC connection.

Please note that the changes listed below only affect queries, reports, or data downloads run via ODBC connections. Reports created using BusinessObjects will continue to operate unaltered after these changes have been implemented, but may return different reporting results now (i.e., duplicate address information may no longer appear in these reports).

T_ADDR_HIST, T_RS_ADDR, & Associated Security Views

Prior to March 23, 2006, the T_ADDR_HIST table contained all address information pertaining to employees or students. Previously, this table may have contained more than one Mailing, Permanent, or other address per person.

After the implementation of the Directory Information project on March 23, the T_ADDR_HIST table, and its associated security views now only contain 1 "best" address per address type per person (i.e., 1 Mailing, 1 Permanent, and 1 Residence Hall address record per person). Therefore, reports that you may have written using this table prior to March 23 may return different results sets after March 23.

Columns Removed

The columns listed below have been permanently removed from the T_ADDR_HIST and T_TELE_HIST tables and their associated security views. Please review your queries, reports, and data download logic carefully to determine the exact impacts, if any, this change will have on your existing reports. Reports, queries, or data downloads that use these columns will no longer return data after March 23, 2006.

Table/View Name	Removed Column Name
T_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR ADDR_STATUS_IND ADDR_STATUS_DESC
V_EMPEE_CAMPUS_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR ADDR_STATUS_IND ADDR_STATUS_DESC
V_EMPEE_HOME_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR ADDR_STATUS_IND ADDR_STATUS_DESC

V_ADDR_HIST_STU_PRR	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
V_ADM_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
V_RECRUIT_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
V_ADM_ADDR_HIST	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
T_RS_ADDR	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
V_ADDR_HIST_RT	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
V_PRR_INSTRN_CAMPUS_EMAIL_ADDR	ADDR_MAIL_RPT_IND ADDR_PERM_RPT_IND ADDR_SEQ_NBR
T_TELE_HIST	CSPD_ADDR_TYPE_CD CSPD_ADDR_SEQ_NBR
V_EMPEE_HOME_TELE_HIST	CSPD_ADDR_TYPE_CD CSPD_ADDR_SEQ_NBR
V_EMPEE_CAMPUS_TELE_HIST	CSPD_ADDR_TYPE_CD CSPD_ADDR_SEQ_NBR

New Columns Added

New columns have been added to the tables and views listed above to enable you to return a single address record per address type. You may replace logic using the ADDR_MAIL_RPT_IND and ADDR_PERM_RPT_IND columns with the new columns listed below. Please review the Business Rules information that follows this section to understand how the indicators are populated.

New Column Name	Purpose
ADDR_MAIL_PERM_RES_RPT_IND	returns a single Mailing Address for students
ADDR_PERM_MAIL_RES_RPT_IND	returns a single Permanent Address for students
ADDR_RES_MAIL_PERM_RPT_IND	returns a single Resident Hall address for students
ADDR_MAIL_PERM_BILL_RPT_IND	returns a single Mailing Address for employees
ADDR_PERM_MAIL_BILL_RPT_IND	returns a single Permanent Address for employees
TELE_MAIL_PERM_RES_RPT_IND	returns a single Mailing Phone for students
TELE_PERM_MAIL_RES_RPT_IND	returns a single Permanent Phone for students
TELE_RES_MAIL_PERM_RPT_IND	returns a single Residence Hall Phone for students
TELE_MAIL_PERM_BILL_RPT_IND	returns a single Mailing Phone for employees
TELE_PERM_MAIL_BILL_RPT_IND	returns a single Permanent Phone for employees

NOTE: Residence Hall data is not yet available in Banner or the Data Warehouse. Campus OARs and Housing departments are coordinating populating this address type in the Banner system, and plan to implement it in the Fall.

Business Rules for New Columns

The following logic demonstrated how the indicators are populated in the Data Warehouse:

Mail/Permanent/Residence Hall Indicator

1. If a person has a MA (Mailing) address that is current (Y) then the Mailing Indicator = Y on the MA (Mailing) address.
2. If a person does NOT have a MA (Mailing) address that is current (Y) BUT has a PR (Permanent) address that is current (Y) then the Mailing Indicator = Y on the PR (Permanent) address. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) address.
3. If a person does NOT have a MA (Mailing) address or a PR (Permanent) address that is current, but has a RH (Residence Hall) address that is current, then the Mailing Indicator = Y on the RH (Residence Hall) address. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the RH (Residence Hall) address.

Permanent/Mailing/Residence Hall Indicator

1. If a person has a PR (Permanent) address that is current (Y) then the Permanent Indicator = Y on the PR (Permanent) address.
2. If a person does NOT have a PR (Permanent) address that is current (Y) BUT has a MA (Mailing) address that is current (Y) then the Permanent Indicator = Y on the MA (Mailing) address. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) address.
3. If a person does NOT have a PR (Permanent) address or MA (Mailing) address or a address that is current, but has a RH (Residence Hall) address that is current, then the Mailing Indicator = Y on the RH (Residence Hall) address. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the RH (Residence Hall) address.

Residence Hall/Mail/Permanent/Indicator

1. If a person has a RH (Residence Hall) address that is current (Y) then the Residence Hall Indicator = Y on the RH (Resident Hall) address.
2. If a person does NOT have a RH (Resident Hall) address that is current (Y) BUT has a MA (Mailing) address that is current (Y) then the Residence Hall Indicator = Y on the MA (Mailing) address. In this case, both the Residence Hall Indicator and the Mailing Indicator = Y on the MA (Mailing) address.
3. If a person does NOT have a RH (Residence Hall) address or a MA (Mailing) address that is current, but has a PR (Permanent) address that is current, then the Residence Hall Indicator = Y on the PR (Permanent) address. In this case the both the Residence Hall Indicator and Permanent Hall indicator will = Y on the PR (Permanent) address.

NOTE: Residence Hall data is not yet available in Banner or the Data Warehouse. Campus OARs and Housing departments are coordinating populating this address type in the Banner system, and plan to implement it in the Fall.

Mail/Permanent/Billing Indicator

1. If a person has a MA (Mailing) address that is current (Y) then the Mailing Indicator = Y on the MA (Mailing) address.
2. If a person does NOT have a MA (Mailing) address that is current (Y) BUT has a PR (Permanent) address that is current (Y) then the Mailing Indicator = Y on the PR (Permanent) address. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) address.

3. If a person does NOT have a MA (Mailing) address or a PR (Permanent) address that is current, but has a BI (Billing) address that is current, then the Mailing Indicator = Y on the BI (Billing) address. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the BI (Billing) address.

Permanent/Mailing/Billing Indicator

1. If a person has a PR (Permanent) address that is current (Y) then the Permanent Indicator = Y on the PR (Permanent) address.
2. If a person does NOT have a PR (Permanent) address that is current (Y) BUT has a MA (Mailing) address that is current (Y) then the Permanent Indicator = Y on the MA (Mailing) address. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) address.
3. If a person does NOT have a PR (Permanent) address or MA (Mailing) address or a address that is current, but has a BI (Billing) address that is current, then the Mailing Indicator = Y on the BI (Billing) address. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the BI (Billing) address.

Telephone

Mail/Permanent/Residence Hall Indicator

1. If a person has a MA (Mailing) telephone that is current (Y) then the Mailing Indicator = Y on the MA (Mailing) telephone.
2. If a person does NOT have a MA (Mailing) telephone that is current (Y) BUT has a PR (Permanent) telephone that is current (Y) then the Mailing Indicator = Y on the PR (Permanent) telephone. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) telephone.
3. If a person does NOT have a MA (Mailing) telephone or a PR (Permanent) telephone that is current, but has a RH (Residence Hall) telephone that is current, then the Mailing Indicator = Y on the RH (Residence Hall) telephone. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the RH (Residence Hall) telephone.

Permanent/Mailing/Residence Hall Indicator

1. If a person has a PR (Permanent) telephone that is current (Y) then the Permanent Indicator = Y on the PR (Permanent) telephone.
2. If a person does NOT have a PR (Permanent) telephone that is current (Y) BUT has a MA (Mailing) telephone that is current (Y) then the Permanent Indicator = Y on the MA (Mailing) telephone. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) telephone.
3. If a person does NOT have a PR (Permanent) telephone or MA (Mailing) telephone or a telephone that is current, but has a RH (Residence Hall) telephone that is current, then the Mailing Indicator = Y on the RH (Residence Hall) telephone. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the RH (Residence Hall) telephone.

Residence Hall/Mail/Permanent/Indicator

1. If a person has a RH (Residence Hall) telephone that is current (Y) then the Residence Hall Indicator = Y on the RH (Resident Hall) telephone.
2. If a person does NOT have a RH (Resident Hall) telephone that is current (Y) BUT has a MA (Mailing) telephone that is current (Y) then the Residence Hall Indicator = Y on the MA (Mailing) telephone. In this case, both the Residence Hall Indicator and the Mailing Indicator = Y on the MA (Mailing) telephone.
3. If a person does NOT have a RH (Residence Hall) telephone or a MA (Mailing) telephone that is current, but has a PR (Permanent) telephone that is current, then the Residence Hall Indicator = Y on the PR (Permanent) telephone. In this case the both the Residence Hall Indicator and Permanent Hall indicator will = Y on the PR (Permanent) telephone.

NOTE: Residence Hall data is not yet available in Banner or the Data Warehouse. Campus OARs and Housing departments are coordinating populating this address type in the Banner system, and plan to implement it in the Fall.

Mail/Permanent/Billing Indicator

1. If a person has a MA (Mailing) telephone that is current (Y) then the Mailing Indicator = Y on the MA (Mailing) telephone.
2. If a person does NOT have a MA (Mailing) telephone that is current (Y) BUT has a PR (Permanent) telephone that is current (Y) then the Mailing Indicator = Y on the PR (Permanent) telephone. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) telephone.
3. If a person does NOT have a MA (Mailing) telephone or a PR (Permanent) telephone that is current, but has a BI (Billing) telephone that is current, then the Mailing Indicator = Y on the BI (Billing) telephone. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the BI (Billing) telephone.

Permanent/Mailing/Billing Indicator

1. If a person has a PR (Permanent) telephone that is current (Y) then the Permanent Indicator = Y on the PR (Permanent) telephone.
2. If a person does NOT have a PR (Permanent) telephone that is current (Y) BUT has a MA (Mailing) telephone that is current (Y) then the Permanent Indicator = Y on the MA (Mailing) telephone. In this case, both the Permanent Indicator and the Mailing Indicator = Y on the PR (Permanent) telephone.
3. If a person does NOT have a PR (Permanent) telephone or MA (Mailing) telephone or a telephone that is current, but has a BI (Billing) telephone that is current, then the Mailing Indicator = Y on the BI (Billing) telephone. In this case the both the Mailing Indicator and Residence Hall indicator will = Y on the BI (Billing) telephone.

New Address History Add/Update Table and Census Archive Table

Decision Support has added a new table, T_ADDR_AUD_HIST, for Address History information. This new table provides Add/Update functionality, and contains all records that existed in the EDW T_ADDR_HIST table prior to the implementation of this project on March 23. The T_ADDR_AUD_HIST table tracks the additions, deletions, and updates to these address records, thus providing a more accurate historical reference for addresses for both employees and/or students.

In addition, an address archive table has been added to the Registration Census data collection, to provide an archived data source of all Census address data as it appeared in the EDW prior to March 23, 2006. The new table, T_RS_ADDR_ARCHIVE, contains address data for snapshot dates prior to March 23, 2006, as it existed in the EDW prior to the implementation of the Directory Information project. This table will not contain any address data for any Census dates taken after March 23, 2006.

Please note these new tables may contain more than one address per type per person and are available via ODBC only.