Finding the Tables You Need for Queries

One of the most confusing aspects of working with Query (or any reporting tool) in a very complex database structure, such as PeopleSoft, is knowing what tables and fields you need in order to report correctly. This document provides a few of the basics, directing you to the most commonly used areas for Student Records. If you have a problem locating a field or table working on a query, please refer to SFIS’s data dictionary (http://www.stowe).

TABLES

Personal

PERS_DATA_SA_VW
The Personal_Data record is one of the core records in the database. Pers_Data_SA_VW is a view of this record to be used for queries and contains personal and demographic information about people including name, home address, birthdate, ethnic group and sex.

PERS_NID
The table that contains the SSN.

ADDRESSES
A table that contains multiple rows for address types and, within address type, multiple effective dated rows for addresses. Includes the country code (3 characters) of the address.

DIVERSITY
Contains the Ethnic Group of a person.

COUNTRY_TBL
Contains the long description for country codes.

ETHNICITY_DTL
Contains the Ethnicity Code of a person.

NAMES
Shows detail on name, including first, middle and last for various name types.

EMAIL_ADDRESSES
Contains email address type and the address itself.

Student Data

STDNT_CAR_TERM
Contains career related fields, including the form of study, grade points, unit counts (i.e. total audit, total in progress, total cumulative) and other valuable statistics.

STDNT_ENRL

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Contains the key enrollment status data for a student. Fields include course career, student enrollment status, last enrollment action, units earned, etc.

**ACAD_PROG**
Contains the academic program of a student.

**ACAD_PLAN**
Contains the academic plans (or majors) of a student. Multiple rows for effective dates, and within effective dates for multiple plans. Also includes completion term, degree checkout status, and advisement status.

**Course Data**

**CLASS_TBL**
The core table for data associated with classes, including the Course ID, session, class status, enrollment capacity, enrollment total, etc.

**CRSE_CATALOG**
Contains the codes for courses in the course catalog, including Course ID, description, grading basis, credits (units), component, etc.

**VIEWS**

**WES_ACAD_HIST**
This view was designed to collect all of a student's credits in one place. There are 4 types of credits indicated in the field WES_CREDIT_TYPE. They are WES, NRS, TRAN, and TEST. The WES credits contain all Wesleyan Courses including sponsored NRS courses. The NRS credits include all credits from NRS Approved Programs. The WES credits come from the STDNT_ENRL and CLASS_TBL tables. The TRANS credits from the TRNS_CRSE_SCH, TRNS_CRSE_DET tables. The NRS approved credits come from the EXT_COURSE and EXT_ORG_TBL tables as well as the TRNS_CRSE_SCH, TRNS_CRSE_DET tables. Test credits come from the TRNS_TEST_DTL, and CRSE_OFFER tables.

**WES_STUDENT**
This view is designed so that we can see all pertinent information about a current student's status by term. It contains information from the ACAD_PROG, ACAD_PLAN, STDNT_CAR_TERM, PS_ADDRESSES, PERSONAL_DATA, NAMES, EMAIL_ADDRESSES, and PERS_NID records.

**WES_SCHEDULE**
This view contains one record for each student for each class meeting time for any given semester. It is created using data from the STDNT_ENRL table and the WES_MTG_PATTERN view.

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WES_INSTR_CLASS
This view presents the classes from the viewpoint of a given instructor. There is one record for each class for each instructor. In the PeopleSoft data structure, the Class_Instr table is a child to the Class_Mtg_Pat. So in a simple joined view there would be two records for a class with one instructor if it met at two different patterned times. This view removes that redundancy. It also includes the Wes_Enrl_Tot, which sums the enrollment across the offerings and a single field for the combined meeting days and times and locations.

WES_PARENT_ADDR
This view contains addresses of Parents of Students. The relationship information and names come from the PeopleSoft tables but the address information comes from the UR datamart.