Early Warning Overview

Early Warning in the Data Warehouse

General Information

Early Warning information is only selected for Fall and Spring terms.

The population of students collected is:
1. Freshmen
2. or in AOC
3. or in LIP (Life Impact Program)
4. enrolled in at least 1 course and not withdrawn

Separate authorization is required to access the Early Warning data. The RDS_A2S_EARLY_WARNING role must be requested; this is found on the Enrollment Services Authorization Form (under Forms on the Data Admin web site).

Daily

The start date for loading daily Early Warning (EW) tables for a semester is the Date to Open for View on the Early Intervention Dates table (PS_UWM_EARLY_TBL) in PeopleSoft (PS). This is the start of the Early Warning cycle for the term. When we take the second snapshot (see below) we stop loading the daily tables.

Information is only collected for the active term. i.e. the daily tables will only have information for the particular term in progress.

As with all daily loads, the loads are done between midnight and approx. 5:30 a.m. and capture data as of the time the specific table was loaded. (i.e. a table loaded at 2 a.m. will not reflect data entered or changed after that time). The load finish times are posted to the Data Admin web site under News, Alerts and System Status.

We capture data that is separated into 5 tables:
1. Students
2. Advisors
3. Courses
4. Instructors
5. Feedback

Table/view details can be found in the DED information on the Data Admin web site. Daily views start with VU_UWM_EW_DAILY_.

Snapshots

A snapshot is an image of the data at a specific point in time. For Early Warning we have 2 snapshots per term. The snapshots are copies of the daily tables as of the snapshot dates.
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The first snapshot is taken at the end of the add period (the add date for the Regular Academic session from PS_SESS_TIME_PERIOD). This snapshot indicates the population of students who were eligible for EW. We capture students, their advisors, their courses and instructors for those courses. We will also capture any feedback that may have been entered at this time (though feedback entry cannot start until the start date of the Early Warning Feedback entry period from the Early Intervention Dates PS set-up table so there really shouldn’t be any feedback yet).

The second snapshot is taken at the end of the Early Warning Feedback entry period (also from the Early Intervention Dates PS set-up table). This snapshot captures the population of students still eligible and also all feedback entered for the term. We capture the same information as for the first snapshot and, in addition, we also capture the feedback information.

Table/view details can be found in the DED information on the Data Admin web site. Snapshot views start with VU_UWM_EARLY_WARNING_. These tables all have a term and snap number on them. The VU_UWM_EARLY_WARNING_DATE view will have the actual date that the snap was taken for that term.

To facilitate reporting, we are also taking a snapshot of the Registered Student Demo information at the same times as the EW snapshots. This view is named VU_UWM_REG_STUDENT_DEMO_SNAP. This snap is taken for the active EW term. There is an extract date on this view. Because there is potential that the Student Demo snap concept may be used for other applications, we did not add the EW snap number to this view. It can be linked to the EW snaps via the date on the VU_UWM_EARLY_WARNING_DATE view.

To Note

The first term captured in the DW for Early Warning is Fall 2006. This information was backloaded from saved data generated by DES. The corresponding Registered Student Demo snapshots were actually taken on December 8, 2006. They were dated to correspond to the EW snapshots, though they do not in fact actually reflect data as of those dates. This was done to facilitate development of reports; however, it should be noted that there could be some discrepancy of data. Once reporting needs are more fully understood, we can develop some views to pre-join these tables.