

# Overview of CDR Views and Computed Fields

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This document lists the CDR views available to the standard user group of the CDR data warehouse. It also defines computed fields, derived from CDR data elements, which are present in the views. The views available to the standard user group provide all the commonly used functionality of the data warehouse. A more extensive, but more complex, set of views is available to analysts who feel the standard profile does not meet their needs.

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### Standard Profile Database Views

Note that all views have a *UWSA* prefix. All views implement campus based security. Most student views include the Combined Population, i.e. all students and courses submitted on the CDR. Since most student analyses are based on a subset of the Combined Population – either the Total Minus Study Away or Official (State-Supported) population - population flags should be used to select the desired population.

<u>Views</u>	<u>View Descriptions</u>
<b>Views (student analytical)</b>	
UWSA.STUDENT_ANALYTICAL	Student analytical, Combined Population (warehouse – preferred view for most student queries)
UWSA.V_STUDENT	Student analytical Combined Population (warehouse)
UWSA.V_STUDENT_PROD	Student analytical Combined Population (production)
UWSA.V_RETGRAD_UG_YEAR	Student analytical, Combined Population, retention, transfer and graduation by year for undergraduates (warehouse)
UWSA.V_RETGRAD_UG_YEAR_PROD	Student analytical, Combined Population, retention, transfer and graduation by year for undergraduates (production)
UWSA.V_RETGRAD_UG_YEAR_OFF	Student analytical, Official Population, retention, transfer and graduation by year for undergraduates (warehouse)
UWSA.V_RETGRAD_UG_YEAR_OFF_PROD	Student analytical, Official Population, retention, transfer and graduation by year for undergraduates (production)
<b>Views (student – course list joined tables)</b>	
UWSA.V_STUCRS	Student-Course joined Combined Population (warehouse – all records)
UWSA.V_STUCRS_PROD	Student-Course joined Combined Population (production – all records)
<b>Views (curricular joined tables – includes instructor, UDDS, and facility data)</b>	
UWSA.V_C_CDB	Curricular joined Combined Population (warehouse)
UWSA.V_C_CDB_PROD	Curricular joined Combined Population (production)
UWSA.V_C_CDB_OFF	Curricular joined Official Population (warehouse)
UWSA.V_C_CDB_OFF_PROD	Curricular joined Official Population (production)
<b>Views (financial aid recipient – aid types received joined tables)</b>	
UWSA.V_RECIP_AID	Financial Recipient-Aid joined (warehouse)
UWSA.V_RECIP_AID_PROD	Financial Recipient-Aid joined (production)
<b>Views (financial aid analytical)</b>	
UWSA.V_FIN	Financial Aid analytical (warehouse)
UWSA.V_FIN_PROD	Financial Aid analytical (production)

Financial aid views also contain data from the student CDR. Since financial aid is submitted on an annual basis and student data is by semester, it is possible to get duplicate recipient counts when selecting elements from the student CDR from these views, if student data changed between semesters. The applicable data elements are *student\_term*, *classif*, *entr\_status*, *res\_status*, *sex*, *race\_eth*, *student\_level*, and *cum\_gpa*. If duplicates need to be avoided, that is to get counts reflecting the financial aid population, you must use the MIN or MAX functions to prioritize the student data as desired. This issue only applies for aid recipients, not for aid type counts or sums. Aid types are always associated with a single student term.

## Computed Field Definitions

In addition to the data elements collected in the CDR, a number of computed fields (i.e. ones not directly submitted but derived based on one or more CDR data element fields) are kept in the views. Any given view may not necessarily contain any given computed field.

Following are explanations of the computed fields. Each contains a basic definition along with some information in parentheses. The information in parentheses is provided for users who wish to calculate these fields on their own or for those who need to know more about the data elements used in the calculations. The first item in parentheses is the data element name from the base table. The second item in parentheses is the data element description from the first volume of the CDR manual.

address_perm_name	Descriptive country or county based on first three positions of student's permanent address (address_perm, DE 2080). From uwsa.ths_cnty_state_centry
age	Student's age in years as of the beginning of the term. From birthdate (birthdate, DE 2040)
aid_desc	Descriptive name of financial aid type (fin_aid_type, DE 2400). From uwsa.stfa_type
audit_credits	Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) with grade basis (grade_basis, DE 2320) = 'A'.
audit_flag	Indication that student had at least one course (course, DE 2310) with grade basis (grade_basis, DE 2320) = 'A'.
capp_credits	For Cooperative Advanced Placement Program courses. Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met: <ul style="list-style-type: none"> <li>• CAPP indicator (capp_ind, DE 1410) = 'Y'</li> <li>• first position of section (section, DE 1090) = '#' (historical)</li> <li>• first three positions of section (section, DE 1090) = 'CAP' (historical).</li> </ul>
capp_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the capp_credits computed field.
distance_ed_credits	Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met: <ul style="list-style-type: none"> <li>• distance education indicator (dised_ind, DE 1450) = 'Y' (pre summer 2006-07), 'P', or 'T' (beginning summer 2006-07)</li> <li>• fourth position of course (course, DE 1060) = 'D' (historical)</li> <li>• fourth position of course (course, DE 1060) = 'X' (historical).</li> </ul>
distance_ed_flag	Indication that student had at least one course (course DE 2310) that met the criteria specified in the distance_ed_credits computed field.
division_abbrev	Short name of the specific UW Colleges campus (division, DE 1020). Contains unit_abbrev for all other institutions. From uwsa.ths_udds

divison_name	Name of the specific UW Colleges campus (division, DE 1020). Contains unit_name for all other institutions From uwsa.ths_udds
edp_credits	For Extended Degree Program courses. Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met: <ul style="list-style-type: none"> <li>• extended degree indicator (ext_degree_ind, DE 1430) = 'Y'</li> <li>• first position of section (section, DE 1090) = '/' (historical)</li> <li>• first three positions of section (section, DE 1090) = 'EDP' (historical).</li> </ul>
edp_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the edp_credits computed field.
ethnicity_citizenship	Combination of citizenship status (citzn_status, DE 2050), race_ethnicity (race_eth, DE 2030) and Southeast Asian identifier (race_eth_sub, DE 2035) used to separate non-citizens from citizens, permanent residents and refugees and to separate Southeast Asians from Other Asians. <ul style="list-style-type: none"> <li>• ethnicity_citizenship = 'F' when citzn_status = 'A' (regardless of race)</li> <li>• ethnicity_citizenship = 'E' when race_eth_sub = 'S' (and race_eth = 'A')</li> <li>• ethnicity_citizenship = 'G' when race_eth = 'A' and race_eth_sub not equal 'S'</li> <li>• ethnicity_citizenship = race_eth in all other cases</li> </ul>
ext_credits	Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met: <ul style="list-style-type: none"> <li>• Extension indicator (extension_ind, DE 1400) = 'Y'</li> <li>• first position of section (section, DE 1090) = '*' (historical)</li> <li>• first three positions of section (section, DE 1090) = '+IA' (historical)</li> <li>• first three positions of section (section, DE 1090) = 'IIA' (historical).</li> </ul>
ext_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the ext_credits computed field.
fte	renamed official_fte
hs_name	Name of student's high school (hs_grad_from, DE 2110). From uwsa.ths_high_school
ipeds_credits	Field deleted <ul style="list-style-type: none"> <li>• Beginning in Summer 2006-07, use tot_minus_study_away_credits</li> <li>• Prior to Summer 2006-07, use ipeds_credits on v_st_ipeds</li> </ul>
ipeds_flag	Field deleted <ul style="list-style-type: none"> <li>• Beginning in Summer 2006-07, use tot_minus_study_away_flag</li> <li>• Prior to Summer 2006-07, use ipeds_credits &gt; 0 on v_st_ipeds</li> </ul>
maj1_declrd_abbrev	Abbreviated name of student's first declared major (maj1_declrd, DE 2270). From uwsa.ths_major

maj1_declrd_cip_code	CIP (Classification of Instructional Program) code associated with student's first declared major (maj1_declrd, DE 2270). From uwsa.ths_major
maj1_declrd_name	Name of student's first declared major (maj1_declrd, DE 2270). From uwsa.ths_major
maj1_deg1_abbrev	Abbreviated name of student's first major associated with the first degree earned (maj1_deg1_earn, DE 2430). From uwsa.ths_major
maj1_deg1_cip_code	CIP (Classification of Instructional Program) code associated with student's major associated with the first degree earned (maj1_deg1_earn, DE 2430). From uwsa.ths_major
maj1_deg1_name	Name of student's major associated with the first degree earned. (maj1_deg1_earn, DE 2430). From uwsa.ths_major
maj2_declrd_abbrev	Abbreviated name of student's second declared major (maj2_declrd, DE 2270). From uwsa.ths_major
maj2_declrd_cip_code	CIP (Classification of Instructional Program) code associated with student's second declared major (maj2_declrd, DE 2270). From uwsa.ths_major
maj2_declrd_name	Name of student's second declared major (maj2_declrd, DE 2270). From uwsa.ths_major
maj2_deg2_abbrev	Abbreviated name of student's second major associated with the first degree earned OR the abbreviated name of the major associated with student's second degree earned (maj2_deg2_earn, DE 2430). From uwsa.ths_major
maj2_deg2_cip_code	CIP (Classification of Instructional Program) code associated with student's second major associated with the first degree earned OR the major associated with the second degree earned (maj2_deg2_earn, DE 2430). From uwsa.ths_major
maj2_deg2_name	Name of student's second major associated with the first degree earned OR the major associated with the second degree earned (maj2_deg2_earn, DE 2430). From uwsa.ths_major
official_credits	Sum of credits associated with courses (course, DE 2310) with the following exceptions: Pre 1991-92 <ul style="list-style-type: none"> <li>• excludes credits associated with UW-Extension courses</li> <li>• excludes credits associated with CAPP courses</li> <li>• excludes credits for students with classification = S and T</li> <li>• excludes 50% of audit credits</li> <li>• excludes credits associated with remedial courses</li> </ul> 1991-92 through 1992-93 <ul style="list-style-type: none"> <li>• excludes credits associated with UW-Extension courses</li> <li>• excludes credits associated with CAPP courses</li> <li>• excludes credits associated with remedial courses</li> <li>• excludes credits for students with classification = T</li> </ul>

- excludes 50% of audit credits for non-resident students with classification = I,J,K,N and S
- excludes 30% of audit credits for resident students with classification = I,J,K,N and S

1993-94 through 1994-95

- excludes credits associated with UW-Extension courses
- excludes credits associated with CAPP courses
- excludes credits associated with remedial courses
- excludes credits associated with study abroad courses
- excludes credits for students with classification = T
- excludes 50% of audit credits for non-resident students with classification = I,J,K,N and S
- excludes 30% of audit credits for resident students with classification = I,J,K,N and S

1995-96 through 1999-00

- excludes credits associated with UW-Extension courses
- excludes credits associated with CAPP courses
- excludes credits associated with remedial courses
- excludes credits associated with study abroad courses
- excludes credits for students with classification = T
- excludes 50% of audit credits

2000-01

- excludes credits associated with UW-Extension courses
- excludes credits associated with CAPP courses
- excludes credits associated with remedial courses
- excludes credits associated with study abroad courses
- excludes credits for students with classification = T and S
- excludes 50% of audit credits

Post 2000-01

- excludes credits associated with UW-Extension courses
- excludes credits associated with program revenue-funded courses
- excludes credits associated with CAPP courses
- excludes credits associated with remedial courses
- excludes credits associated with study abroad courses
- excludes credits for students with classification = T and S
- excludes 50% of audit credits

official\_flag

A Y/N flag indicating that the student is part of the official population. This includes students who have at least one remedial course or any other non-CAPP course that is GPR-funded. Depending on the year, students with classifications of T or S have been excluded from the official population. See the years specified in the official\_credits computed field for these years.

official\_fte

Full Time Equivalent based on the official\_credits computed field and student classification (classif, DE 2210). (previously fte)

- For classifications A,B,C,D,I,J,L,N,P,R,S,U fte = official\_credits / 15
- For classifications E,F,K,Y fte = official\_credits / 12
- For classifications G,H fte = official\_credits / 7
- For classifications M,Q,V,W fte = 1
- For classification T fte = 0

official\_part\_time

A Y/N flag indicating a student's part-time status. Based on regular\_credits. (previously part\_time\_official)

official_stdnt_lvl	<p>Aggregation of classification (classif, DE 2210). (previously student_level)</p> <ul style="list-style-type: none"> <li>• 0 = T</li> <li>• 0 = S (except between 1990-91 and 1999-00)</li> <li>• 1 = A,B,I,N</li> <li>• 1 = S (between 1990-91 and 1999-00)</li> <li>• 2 = C,D,J</li> <li>• 3 = E,F,K,Y (masters, ed specialist, clinical doctorate)</li> <li>• 4 = G,H (pre and post-prelim PhD)</li> <li>• 5 = L,M,P,V (professional)</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• 5 = Q,R,U,W (professional)</li> </ul> </li> </ul>
other_pr_credits	Sum of credits associated with non-GPR (i.e. program revenue) funded courses (course, DE 2310) that have not already been included in other computed populations.
other_pr_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the other_pr_credits computed field.
part_time	renamed tot_with_study_away_part_time
part_time_official	renamed official_part_time
post_rec_flag	A Y/N flag indicating that the record contains post-term information AND that there was no corresponding 6 <sup>th</sup> week record for this student.
regular_credits	Sum of remedial_credits and official_credits (with audit_credits at full value).
regular_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the regular_credits computed field or that the student earned a degree as a post-term add.
remedial_credits	<p>Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met:</p> <ul style="list-style-type: none"> <li>• remedial indicator (remedial_ind, DE 1440) = 'Y'</li> <li>• first position of section (section, DE 1090) = '+' or '-' (historical)</li> <li>• first three positions of section (section, DE 1090) = 'REM' (historical)</li> </ul>
remedial_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the remedial_credits computed field.
student_level	renamed official_stdnt_lvl
study_away_credits	<p>Sum of credits (credits_by_sec, DE 2340) associated with courses (course, DE 2310) when any one of the following criteria is met: (previously year_abrd_credits)</p> <ul style="list-style-type: none"> <li>• first position of section (section, DE 1090) = '&amp;' (historical)</li> <li>• first three positions of section (section, DE 1090) = 'SAP' (historical)</li> <li>• curricular study away indicator (study_abroad_ind, DE 1420) = 'Y' and/or year_abrd student indicator (year_abrd, DE 2260) is equal to 'Y' or 'E' (pre-summer 2006-07).</li> <li>• curricular study away indicator (study_abroad_ind, DE 1420) = 'A', 'E', 'S', 'X', 'O', or 'D' (beginning summer 2006-07).</li> </ul>

study_away_flag	Indication that student had at least one course (course, DE 2310) that met the criteria specified in the study_away_credits computed field or (pre-summer 2006-07) that the year_abrd student indicator (year_abrd, DE 2260) is equal to 'Y' or 'E'. (previously year_abrd_flag)
tot_minus_study_away_credits	Sum of credits (credits_by_sec, DE 2340) associated with all of a student's courses (course, DE 2310) excluding study_away_credits. <ul style="list-style-type: none"> <li>• includes credits associated with UW-Extension courses</li> <li>• includes credits associated with program revenue-funded courses</li> <li>• includes credits associated with CAPP courses</li> <li>• includes credits associated with remedial courses</li> <li>• includes credits for students with classification = T and S</li> <li>• includes 100% of audit credits</li> <li>• excludes credits associated with study away courses</li> </ul>
tot_minus_study_away_flag	A Y/N flag indicating that the student is part of the total minus study away population – i.e. tot_minus_study_away_credits > zero or student is enrolled in a non-study away course for zero credits.
tot_minus_study_away_fte	Full Time Equivalent based on tot_minus_study_away_credits and student classification (classif, DE 2210). <ul style="list-style-type: none"> <li>• For classifications A,B,C,D,I,J,L,N,P,S,T fte = tot_minus_study_away_credits/15</li> <li>• For classifications E,F,K,Y fte = tot_minus_study_away_credits/12</li> <li>• For classifications G,H fte = tot_minus_study_away_credits/7</li> <li>• For classifications M,V fte = 1</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• For classifications R, U fte = tot_minus_study_away_credits/15</li> <li>• For classifications Q, W fte = 1</li> </ul> </li> </ul>
tot_minus_study_away_part_time	A Y/N flag indicating a student's full-time/part-time status. Based on tot_minus_study_away_credits and student classification (classif, DE 2210). <ul style="list-style-type: none"> <li>• Undergraduate classifications A,B,C,D,I,J,N,S,T full-time =&gt; 12 credits</li> <li>• Graduate classifications E,F,G,K,Y full-time =&gt; 8 credits (Madison and Milwaukee)</li> <li>• Graduate classifications E,F,K,Y full-time =&gt; 9 credits (Comprehensives)</li> <li>• Graduate classification H full-time =&gt; 0 credits (Madison and Milwaukee)</li> <li>• Professional classifications L,P full-time =&gt; 12 credits (prior to 1995-96 L full-time =&gt; 8 credits)</li> <li>• Professional classifications M,V full-time &gt; 0 credits</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• For classifications R, U full-time =&gt; 12 credits (prior to 1995-96 R full-time =&gt; 8 credits)</li> <li>• For classifications Q, W full-time &gt; 0 credits</li> </ul> </li> </ul>
tot_minus_study_away_stdnt_lvl	Aggregation of classification (classif, DE 2210) <ul style="list-style-type: none"> <li>• 1 = A,B,I,N,S,T</li> <li>• 2 = C,D,J</li> <li>• 3 = E,F,K,Y (masters, ed specialist, clinical doctorate)</li> <li>• 4 = G,H (pre and post-prelim PhD)</li> <li>• 5 = L,M,P,V (professional)</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• 5 = Q,R,U,W (professional)</li> </ul> </li> </ul>

tot_with_study_away_credits	Sum of credits (credits_by_sec, DE 2340) associated with all of a student's courses (course, DE 2310). (previously total_credits)
tot_with_study_away_fte	<p>Full Time Equivalent) based on tot_with_study_away_credits and student classification (classif, DE 2210).</p> <ul style="list-style-type: none"> <li>• For classifications A,B,C,D,I,J,L,N,P,S,T fte = tot_with_study_away_credits/15</li> <li>• For classifications E,F,K,Y fte = tot_with_study_away_credits/12</li> <li>• For classifications G,H fte = tot_with_study_away_credits/7</li> <li>• For classifications M,V fte = 1</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• For classifications R, U fte = tot_with_study_away_credits/15</li> <li>• For classifications Q, W fte = 1</li> </ul> </li> </ul>
tot_with_study_away_part_time	<p>A Y/N flag indicating a student's full-time/part-time status based on tot_with_study_away_credits and student classification (classif, DE 2210). (previously part_time)</p> <ul style="list-style-type: none"> <li>• Undergraduate classifications A,B,C,D,I,J,N,S,T full-time =&gt; 12 credits</li> <li>• Graduate classifications E,F,G,K,Y full-time =&gt; 8 credits (Madison and Milwaukee)</li> <li>• Graduate classifications E,F,K,Y full-time =&gt; 9 credits (Comprehensives)</li> <li>• Graduate classification H full-time =&gt; 0 credits (Madison and Milwaukee)</li> <li>• Professional classifications L,P full-time =&gt; 12 credits (prior to 1995-96 L full-time =&gt; 8 credits)</li> <li>• Professional classifications M,V full-time &gt; 0 credits</li> <li>• For <u>historical</u> classifications: <ul style="list-style-type: none"> <li>• For classifications R, U full-time =&gt; 12 credits (prior to 1995-96 R full-time =&gt; 8 credits)</li> <li>• For classifications Q, W full-time &gt; 0 credits</li> </ul> </li> </ul>
total_credits	renamed tot_with_study_away_credits
unit_abbrev	Short name of student's unit (unit, DE 2160). From uwsa.ths_udds
unit_name	Long name of student's unit (unit, DE 2160). From uwsa.ths_udds
year_abrd_credits	renamed study_away_credits
year_abrd_flag	renamed study_away_flag
zip_code	Last five positions of student's permanent address (address_perm, DE 2080)

## Financial Aid Computed Fields

The following fields are specific to financial aid views. In addition to these computed fields, financial aid views contain some student demographic information. This student demographic information is from the student CDR files, if a student record is available for matching. Since there is often more than one student record for each financial aid recipient and since student demographic data often changes, the following prioritization of terms is used when matching files:

**Financial aid term**  
**(DE 2180, Type 10 record)**

S (summer)  
T (academic year)  
1 (fall only)  
2 (spring only)

**Prioritization of**  
**Student CDR File Match**

Summer, Fall, Spring  
Fall, Spring, Summer  
Fall, Spring, Summer  
Spring, Fall, Summer

degree_level	Translation of deg_1_earn from matching to the student CDR data file. From uwsa.ths_degree_level <ul style="list-style-type: none"> <li>• 1 = associate level</li> <li>• 2 = bachelor's level</li> <li>• 3 = master's level</li> <li>• 4 = educational specialist level</li> <li>• 5 = doctoral level</li> <li>• 6 = professional level</li> </ul>
federal_grants	Sum of student's federally-funded grant dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'F'. From uwsa.stfa_type
federal_loans	Sum of student's federally-funded loan dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'F'. From uwsa.stfa_type
federal_work_study	Sum of student's federally-funded work study dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'F'. From uwsa.stfa_type
inst_grants	Sum of student's institutionally-funded grant dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'I'. From uwsa.stfa_type
inst_loans	Sum of student's institutionally-funded loan dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'I'. From uwsa.stfa_type
inst_work_study	Sum of student's institutionally-funded work study dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'I'. From uwsa.stfa_type
need_based_grants	Sum of student's need-based grant dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'Y'. From uwsa.stfa_type

need_based_loans	Sum of student's need-based loan dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'Y'. From uwsa.stfa_type
need_based_work_study	Sum of student's need-based work study dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'Y'. From uwsa.stfa_type
non_need_based_grants	Sum of student's non need-based grant dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'N'. From uwsa.stfa_type
non_need_based_loans	Sum of student's non need-based loan dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'N'. From uwsa.stfa_type
non_need_based_work	Sum of student's non need-based work study dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-basis indicator (aid_need_based) = 'N'. From uwsa.stfa_type
other_grants	Sum of student's grant dollars that are not state, federal or institutional funded. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) <> 'F', 'S' or 'I'. From uwsa.stfa_type
other_loans	Sum of student's loan dollars that are not state, federal or institutional funded.. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) <> 'F', 'S' or 'I'. From uwsa.stfa_type
other_work_study	Sum of student's work study dollars that are not state, federal or institutional funded.. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) <> 'F', 'S' or 'I'. From uwsa.stfa_type
state_grants	Sum of student's state-funded grant dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'S'. From uwsa.stfa_type
state_loans	Sum of student's state-funded loan dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'S'. From uwsa.stfa_type
state_work_study	Sum of student's state-funded work study dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'S'. From uwsa.stfa_type
total_aid_amount	Sum of student's aid dollars. Based on financial aid type (fin_aid_type, DE 2400) and aid amount (fin_aid_amount, DE 2410). From uwsa.stfa_type

total_federal	Sum of student's federally-funded aid dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'F'. From uwsa.stfa_type
total_grants	Sum of student's grant aid dollars. Based on financial aid type (fin_aid_type, DE 2400) and aid amount (fin_aid_amount, DE 2410). From uwsa.stfa_type
total_inst	Sum of student's institutionally-funded aid dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'I'. From uwsa.stfa_type
total_loans	Sum of student's loan aid dollars. Based on financial aid type (fin_aid_type, DE 2400) and aid amount (fin_aid_amount, DE 2410). From uwsa.stfa_type
total_need_analysis	Sum of student's aid dollars in types requiring a FAFSA need's analysis. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need's analysis indicator (aid_need_analy) = 'Y'. From uwsa.stfa_type
total_need_based	Sum of student's aid dollars in types based on financial need. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and need-based indicator (aid_need_based) = 'Y'. From uwsa.stfa_type
total_other	Sum of student's aid dollars that are not state, federal or institutional funded. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410), and aid funding source (aid_fund_source) <> 'F', 'S' or 'I'. From uwsa.stfa_type
total_state	Sum of student's state-funded aid dollars. Based on financial aid type (fin_aid_type, DE 2400), aid amount (fin_aid_amount, DE 2410) and aid funding source (aid_fund_source) = 'S'. From uwsa.stfa_type
total_work_study	Sum of student's work_study aid dollars. Based on financial aid type (fin_aid_type, DE 2400) and aid amount (fin_aid_amount, DE 2410). From uwsa.stfa_type

## Retention and Graduation Computed Fields

The following fields are specific to retention and graduation views. In addition to these computed fields, retention and graduation views contain data elements and computed fields from the student CDR.

enr_ug_any_uw	Indicates, as of the beginning of the timeperiod, whether or not the student has been retained as an undergraduate at any UW institution.
enr_ug_same_unit	Indicates, as of the beginning of the timeperiod, whether or not the student has been retained as an undergraduate at the same institution where the student started.
enr_ug_any_uw_off	Indicates, as of the beginning of the timeperiod, whether or not the student has been retained as an official undergraduate at any UW institution.
enr_ug_same_unit_off	Indicates, as of the beginning of the timeperiod, whether or not the student has been retained as an official undergraduate at the same institution where the student started.
first_bach_any_uw	Indicates whether or not the student earned a bachelor's degree for the first time from any UW institution.
first_bach_same_unit	Indicates whether or not the student earned a bachelor's degree for the first time from the same institution where the student started.
first_assoc_same_unit	Indicates whether or not the student earned an associate's degree for the first time from the same institution where the student started.
first_trans_diff_unit	Indicates whether or not the student transferred for the first time to a different institution from the institution where the student started.
first_trans_diff_unit_off	Indicates whether or not the student transferred for the first time as an official student to a different institution from the institution where the student started.
immed_new_fresh	Indicates that the student entered as a New Freshman (entr_status, DE 2240; classif, DE 2210) in the fall term immediately following the student's graduation from high school (hs_grad_date, DE 2120).
timeperiod	Indicates the length of time that has elapsed since the student enrolled as part of the cohort. Values for timeperiod are positive integers (1, 2, 3, ...). In the view v_retgrad_ug_year, the timeperiod is measured in years. A value of 1 represents student activity occurring within the one-year period that begins with the year and term of the student's entry to the UW institution. The maximum value of timeperiod is the first year in which the student earns a bachelor's degree from the same institution at which the student started.

## CDR Data Access Issues with Brio (Hyperion) and Other Client Tools

The CDR database is very large. It contains student and curricular data from all institutions starting in 1973-74 and financial aid data from 1977-78. Often in Brio, and this can be true in other client tools as well, a common working method is to retrieve all the data to the local pc and then use the tool to run frequencies or other kinds of what if analysis. This will not work well with the CDR. It is generally necessary to filter or aggregate the data with the initial SQL retrieval statement using the WHERE or GROUP BY clauses before doing local analysis.