

Overview of CDR Views and Computed Fields

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>
Views (student analytical)	
UWSA.STUDENT_ANALYTICAL	Student analytical, Combined Population (warehouse –Prior to 2019-20, view was used for most student queries)
UWSA.STUDENT_ANALYTICAL_HIM	HIM = Home Institution Model. HIM establishes the Home Institution (Derived Unit) or Home Branch Campus (Derived Division). Student analytical_HIM, aggregates students' records under their Derived Unit and Derived Division and sums the credit/FTE fields and recalculate full-time/part-time status
UWSA.V_IPEDS_DEGREE	Student degrees, use only for creating or matching ipeds degree submissions, entire year's data MUST be selected to match ipeds alternating major data (do filtering after retrieval), students with two degrees will have two records
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)
Views (student – course list joined tables)	
UWSA.V_STUCRS	Student-Course joined Combined Population (warehouse – all records)
UWSA.V_STUCRS_PROD	Student-Course joined Combined Population (production – all records)

Views (curricular joined tables – includes instructor, UDDS, and facility data)

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)

Views (financial aid recipient – aid types received joined tables)

UWSA.V_RECIP_AID	Financial Recipient-Aid joined (warehouse)
UWSA.V_RECIP_AID_PROD	Financial Recipient-Aid joined (production)

Views (financial aid analytical)

UWSA.V_FIN	Financial Aid analytical (warehouse)
UWSA.V_FIN_PROD	Financial Aid analytical (production)

Views (MAAD)

UWSA.V_MAAD_APPLICANT_RACE_STATUS	MAAD analytical
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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.

<u>Fields</u>	<u>Field Descriptions</u>
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_cntry
age	Student's age in years as of the beginning of the term. From birthdate (birthdate_yyyymmdd, DE 2045)
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"> • CAPP indicator (capp_ind, DE 1410) = 'Y' • first position of section (section, DE 1090) = '#' (historical) • first three positions of section (section, DE 1090) = 'CAP' (historical).

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"> distance education indicator (dised_ind, DE 1450) = 'Y' (pre summer 2006-07), 'P', or 'T' (beginning summer 2006-07) fourth position of course (course, DE 1060) = 'D' (historical) fourth position of course (course, DE 1060) = 'X' (historical).
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.
derived_division	Home Institution Division (DE 2175) for UW Receiving Institutions with branch campuses. +
derived_unit	Same as unit, also from Fall 2019-20 going forward, it will be associated with the student's 'home institution'. +
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 Receiving Institution (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"> extended degree indicator (ext_degree_ind, DE 1430) = 'Y' first position of section (section, DE 1090) = '/' (historical) first three positions of section (section, DE 1090) = 'EDP' (historical).
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	Field deleted. After summer 2008 use ethnicity_citizenship_undup or ethnicity_citizen_undup_hisp. 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"> ethnicity_citizenship = 'F' when citzn_status = 'A' (regardless of race) ethnicity_citizenship = 'E' when race_eth_sub = 'S' (and race_eth = 'A') ethnicity_citizenship = 'G' when race_eth = 'A' and race_eth_sub not equal 'S' ethnicity_citizenship = race_eth in all other cases
ethnicity_citizenship_undup*	Assigns a unique code to each student, including "two or more races". Computed from DE 2600 through DE 2670. Descriptions in uwsths.ths_race_ethnic_group. *See Appendix A <ul style="list-style-type: none"> 01 = African American/Black 02 = Hispanic/Latino 03 = American Indian/Alaskan Native 04 = Southeast Asian 05 = Native Hawaiian/Pacific Islander 06 = Other Asian 08 = White/Caucasian 10 = Unknown 11 = International 12 = Two or more races

ethnicity_citizen_undup_hisp*	<p>Assigns a unique code to each student, including “two or more” races. Students claiming Hispanic/Latino affiliation and any other race/ethnic affiliation are classified as Hispanic/Latino. *See Appendix A.</p> <p>Computed from DE 2600 through DE 2670. Descriptions in uwsths.ths_race_ethnic_group.</p> <p>01 = African American/Black 02 = Hispanic/Latino 03 = American Indian/Alaskan Native 04 = Southeast Asian 05 = Native Hawaiian/Pacific Islander 06 = Other Asian 08 = White/Caucasian 10 = Unknown 11 = International 13 = Two or more races without Hispanic</p>
ext_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"> • Extension indicator (extension_ind, DE 1400) = ‘Y’ • first position of section (section, DE 1090) = ‘*’ (historical) • first three positions of section (section, DE 1090) = ‘+IA’ (historical) • first three positions of section (section, DE 1090) = ‘IIA’ (historical).
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	<p>Name of student’s high school (hs_grad_from, DE 2110).</p> <p>From uwsa.ths.high_school</p>
ipeds_credits	<p>The sum of course section credits (DE 2340 Credits_by_Sec) for students identified as part of the IPEDS population, with the following exceptions:</p> <p>Pre 2006-07:</p> <ul style="list-style-type: none"> • excludes remedial credits • excludes audit credits (DE 2320, Grade Basis = ‘A’) • excludes CAPP credits • excludes study away credits <p>2006-07 through 2010-11:</p> <ul style="list-style-type: none"> • excludes study away credits (in this period, the IPEDS population is the same as the total minus study away population) <p>Post 2011-12:</p> <ul style="list-style-type: none"> • excludes credits from non-UW study away courses (DE 1420, Study Away course Indicator = ‘O’, ‘D’), • excludes credits from non-degree seeking students (DE 2210 Classification J,K,N,O,S,T) exclusively enrolled in UW supported, study away courses (DE 1420, Study Away course Indicator = ‘A’, ‘E’, ‘X’, ‘S’), and • excludes audit credits (DE 2320, Grade Basis = ‘A’)
ipeds_flag	A Y/N flag indicating that the student is part of the IPEDS population. This includes any student who has credits counted in the ipeds_credits field based on the rules above.
ipeds_part_time	A Y/N flag indicating a student’s part-time status. Based on ipeds_credits.

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"> • excludes credits associated with UW-Extension courses • excludes credits associated with CAPP courses • excludes credits for students with classification = S and T • excludes 50% of audit credits • excludes credits associated with remedial courses 1991-92 through 1992-93 <ul style="list-style-type: none"> • excludes credits associated with UW-Extension courses • excludes credits associated with CAPP courses • excludes credits associated with remedial 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

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,J,L,N,O,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

Aggregation of classification (classif, DE 2210). (previously student_level)

0 = T

0 = S (except between 1990-91 and 1999-00)

1 = A,B,N,O

1 = S (between 1990-91 and 1999-00)
 2 = C,D,J
 3 = E,F,K (masters, ed specialist)
 3 = Y (clinical doctorate, before 2008-09)
 4 = G,H (pre and post-prelim PhD)
 5 = L,M,P,V (professional)
 6 = Y (clinical doctorate, as of 2008-09)
 For historical classifications:

- 5 = Q,R,U,W (professional)

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 th 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	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"> • remedial indicator (remedial_ind, DE 1440) = 'Y' • first position of section (section, DE 1090) = '+' or '-' (historical) • first three positions of section (section, DE 1090) = 'REM' (historical)
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	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) <ul style="list-style-type: none"> • first position of section (section, DE 1090) = '&' (historical) • first three positions of section (section, DE 1090) = 'SAP' (historical) • 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). • curricular study away indicator (study_abroad_ind, DE 1420) = 'A', 'E', 'S', 'X', 'O', or 'D' (beginning summer 2006-07).
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"> • includes credits associated with UW-Extension courses • includes credits associated with program revenue-funded courses • includes credits associated with CAPP courses • includes credits associated with remedial courses • includes credits for students with classification = T and S

	<ul style="list-style-type: none"> includes 100% of audit credits excludes credits associated with study away courses
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	<p>Full Time Equivalent based on tot_minus_study_away_credits and student classification (classif, DE 2210).</p> <ul style="list-style-type: none"> For classifications A,B,C,D,J,L,N,O,P,S,T fte = tot_minus_study_away_credits/15 For classifications E,F,K,Y fte = tot_minus_study_away_credits/12 For classifications G,H fte = tot_minus_study_away_credits/7 For classifications M,V fte = 1 For <u>historical</u> classifications: <ul style="list-style-type: none"> For classifications R, U fte = tot_minus_study_away_credits/15 For classifications Q, W fte = 1
tot_minus_study_away_part_time	<p>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).</p> <ul style="list-style-type: none"> Undergraduate classifications A,B,C,D,J,N,O,S,T full-time => 12 credits Graduate classifications E,F,G,K,Y full-time => 8 credits (Madison and Milwaukee) Graduate classifications E,F,K,Y full-time => 9 credits (Comprehensives) Graduate classification H full-time => 0 credits (Madison and Milwaukee) Professional classifications L,P full-time => 12 credits (prior to 1995-96 L full-time => 8 credits) Professional classifications M,V full-time > 0 credits For <u>historical</u> classifications: <ul style="list-style-type: none"> For classifications R, U full-time => 12 credits (prior to 1995-96 R full-time => 8 credits) For classifications Q, W full-time > 0 credits
tot_minus_study_away_stdnt_lvl	<p>Aggregation of classification (classif, DE 2210)</p> <p>1 = A,B,N,O,S,T</p> <p>2 = C,D,J</p> <p>3 = E,F,K (masters, ed specialist)</p> <p>3 = Y (clinical doctorate, before 2008-09)</p> <p>4 = G,H (pre and post-prelim PhD)</p> <p>5 = L,M,P,V (professional)</p> <p>6 = Y (clinical doctorate, as of 2008-09)</p> <p>For <u>historical</u> classifications:</p> <ul style="list-style-type: none"> 5 = Q,R,U,W (professional)
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"> For classifications A,B,C,D,J,L,N,O,P,S,T fte = tot_with_study_away_credits/15 For classifications E,F,K,Y fte = tot_with_study_away_credits/12 For classifications G,H fte = tot_with_study_away_credits/7 For classifications M,V fte = 1 For <u>historical</u> classifications: <ul style="list-style-type: none"> For classifications R, U fte = tot_with_study_away_credits/15 For classifications Q, W fte = 1

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"> • Undergraduate classifications A,B,C,D,J,N,O,S,T full-time => 12 credits • Graduate classifications E,F,G,K,Y full-time => 8 credits (Madison and Milwaukee) • Graduate classifications E,F,K,Y full-time => 9 credits (Comprehensives) • Graduate classification H full-time => 0 credits (Madison and Milwaukee) • Professional classifications L,P full-time => 12 credits (prior to 1995-96 L full-time => 8 credits) • Professional classifications M,V full-time > 0 credits • For <u>historical</u> classifications: <ul style="list-style-type: none"> • For classifications R, U full-time => 12 credits (prior to 1995-96 R full-time => 8 credits) • For classifications Q, W full-time > 0 credits
total_credits	renamed tot_with_study_away_credits
underrepresented_minority	<p>A code used to differentiate between students who are within a group recognized by UW System as an underrepresented minority (URM) and students who are not within a URM group. The unique codes are assigned as follows, based on CDR data elements 2600 through 2670. Descriptions are listed in uwsths.ths_race_ethnic_group.</p> <p>11 =International</p> <p>14 =Underrepresented Minority (Includes students with Race/Ethnicity of African American/Black (01), American Indian (03), Hispanic/Latino (02), and Southeast Asian (04), either alone or as one of 'Two or More Race/Ethnicities' (12).)</p> <p>15 =Non-URM (Includes students with Race/Ethnicity of Other Asian (06), Native Hawaiian/Pacific Islander (05), White/Caucasian (08), Unknown (10), and students who have identified 'Two or More Race/Ethnicities' (12), none of which are on the URM list.)</p>
unit_abbrev	<p>Short name of student's unit (unit, DE 2160).</p> <p>From uwsa.ths_udds</p>
unit_name	<p>Long name of student's unit (unit, DE 2160).</p> <p>From uwsa.ths_udds</p>
unduplicated_headcount_ind	<p>Unduplicated Headcount Indicator: This field contains either a '1' or a '0' (numeric). A value of '1' means that row should be used for unduplicated headcount purposes; it's the same row wherein the student's primary key Unit/Division matches the Derived Unit/Derived Division or the row associated with a student's 'home institution'. +</p>
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)	Prioritization of Student CDR File Match
S (summer)	Summer, Fall, Spring
T (academic year)	Fall, Spring, Summer
1 (fall only)	Fall, Spring, Summer
2 (spring only)	Spring, Fall, Summer

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.

<u>Fields</u>	<u>Field Descriptions</u>
degree_level	Translation of deg_1_earn from matching to the student CDR data file. From uwsa.ths_degree_level 1 = associate level 2 = bachelor's level 3 = master's level 4 = educational specialist level 5 = doctoral level 6 = professional level
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

MAAD Computed Fields

The following fields are found on the MAAD view (uwsa.v_maad_applicant_race_status). They are derived from the yes/no race/ethnic indicators that are received on MAAD record 20 (Data Elements 5600 through 5670). Each variable has a different function and the variable can provide duplicated and unduplicated counts of applicants identifying with each race/ethnic group. All MAAD computed fields are derived from the uwsa.maad_race_ethnicity base table unless otherwise indicated.

<u>Fields</u>	<u>Field Descriptions</u>
race_ethnic_group	<p>A two digit code specifying race/ethnic group identification. One code is recorded for each race/ethnic group chosen by the applicant. Computed from data elements DE 5600 through DE 5670.</p> <ul style="list-style-type: none"> 01 = African American/Black 02 = Hispanic/Latino 03 = American Indian/Alaskan Native 04 = Southeast Asian 05 = Native Hawaiian/Pacific Islander 06 = Other Asian 08 = White/Caucasian 09 = Other Race 10 = Unknown
race_ethnic_group_desc	<p>Descriptive text for race_ethnic_group. See list above. From uwths.ths_race_ethnic_group.</p>
race_ethnic_subgroup	<p>Specifies subgroup within Hispanic/Latino and Southeast Asian race/ethnic groups. Computed from data elements DE 5600 through DE 5670.</p> <p>Hispanic/Latino:</p> <ul style="list-style-type: none"> 00 = Hispanic/Latino (subgroup unspecified) 01 = Mexican American 02 = Puerto Rican 03 = Cuban 04 = Other Hispanic/Latino <p>Southeast Asian:</p> <ul style="list-style-type: none"> 00 = Southeast Asian (subgroup unspecified) 01 = Cambodian 02 = Hmong 03 = Laotian 04 = Vietnamese
race_ethnic_subgroup_desc	<p>Descriptive text for race_ethnic_subgroup. From uwsths.ths_race_ethnic_code.</p>
ethnicity_citizenship_subgroup	<p>Four-digit code combining race_ethnic_group and race_ethnic_subgroup. Computed from data elements DE 5600 through DE 5670.</p> <ul style="list-style-type: none"> 0100 = African American/Black 0200 = Hispanic/Latino (subgroup unspecified) 0201 = Mexican American 0202 = Puerto Rican 0203 = Cuban 0204 = Hispanic Other Hispanic/Latino 0300 = American Indian/Alaskan Native 0400 = Southeast Asian (subgroup unspecified) 0401 = Cambodian 0402 = Hmong 0403 = Laotian 0404 = Vietnamese 0500 = Native Hawaiian/Pacific islander 0600 = Other Asian 0800 = White/Caucasian

	0900 = Other Race 1000 = Unknown 1100 = International
ethnicity_citizenship_desc	Descriptive text of ethnicity_citizenship_subgroup. Descriptions from uwsths.ths_race_ethnic_group and uwsths.ths_race_ethnic_code.
ethnicity_citizenship_undup*	Assigns a unique code to each applicant, including "two or more races". Computed from data elements DE 5600 through DE 5670. *See Appendix A. 01 = African American/Black 02 = Hispanic/Latino 03 = American Indian/Alaskan Native 04 = Southeast Asian 05 = Native Hawaiian/Pacific Islander 06 = Other Asian 08 = White/Caucasian 09 = Other Race 10 = Unknown 11 = International 12 = Two or more races
ethnicity_citizenship_undup_desc	Descriptive text for the values of ethnicity_citizenship_undup. Descriptions from uwsths.ths_race_ethnic_group.
ethnicity_citizen_undup_hisp*	Like ethnicity_citizenship_undup, except that applicants claiming Hispanic/Latino affiliation and any other race/ethnic affiliation are classified as Hispanic/Latino. Computed from data elements DE 5600 through DE 5670. *See Appendix A. 01 = African American/Black 02 = Hispanic/Latino 03 = American Indian/Alaskan Native 04 = Southeast Asian 05 = Native Hawaiian/Pacific Islander 06 = Other Asian 08 = White/Caucasian 09 = Other Race 10 = Unknown 11 = International 13 = Two or more races without Hispanic
eth_citizen_undup_hisp_desc	Descriptive text for the values of ethnicity_citizen_undup_hisp. From uwsths.ths_race_ethnic_group.

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.

<u>Fields</u>	<u>Field Descriptions</u>
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.
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.

IPEDS Degree Fields

The following fields are specific to the v_ipeds_degree view and reflect the requirements of the IPEDS degree submission. All other fields reflect the normal definitions of these elements found under the student field definitions in this document, or the CDR Manual. Note that the major and alternate major may not reflect the order of the first and second degree majors reported to the CDR.

ipeds_deg_earned	Indicates the degree reported for this student to IPEDS.
ipeds_major_earn	Indicates the major associated with the degree reported to IPEDS.
ipeds_alt_major_earn	Indicates any second major associated with the degree reported to IPEDS.
ipeds_major_earn_abbrev	Indicates the major abbreviation associated with the degree reported to IPEDS.
ipeds_alt_major_earn_abbrev	Indicates any second major abbreviation associated with the degree reported to IPEDS.
ipeds_major_earn_cip_code	Indicates the cip code associated with the degree reported to IPEDS.
ipeds_alt_major_earn_cip_code	Indicates any second cip code associated with the degree reported to IPEDS.
ipeds_level	Indicates the two digit IPEDS level code associated with the degree for this student reported to IPEDS.

CDR Access with Desktop Clients

The CDR may be accessed through desktop clients, such as Tableau, Hyperion, Flyspeed, SAS, Toad, and others. This requires connection information, including host name and a personal sign-on. This can be provided by the institutional IT office.

UW institutions may make other access routes available to authorized personnel. Check your local documentation.

Appendix A

Steps in Determining Two or More Races Category

April 2010, revised April 2017

A computed data element called Ethnicity_Citizenship_Unduplicated is calculated based on the following steps.

1. International students (students on temporary visas) regardless of race/ethnicity are reported in a separate International category. These students have a Citizenship Status = A (Nonresident Alien).
2. Multiple Hispanic/Latino subcategories and Southeast Asian subcategories are “rolled up” into Hispanic/Latino and Southeast Asian alone categories.
3. Students in both the Other Asian and Southeast Asian categories are put in the Southeast Asian alone category.
4. CDR edits disallow any combination of “Unknown” and another race/ethnicity, so they are in an “Unknown alone” category.
5. After steps 1-4, students who are in one or more of the general categories listed below are assigned to the “Two or More Races” group.

African American/Black
American Indian/Alaskan Native
Hispanic/Latino
Asian (Southeast Asian or Other Asian American) *
Native Hawaiian/Pacific Islander
White

*Please note that for the purposes of Two or More Races categorization, “Southeast Asian” and “Other Asian American” are both considered subgroups of the “Asian” racial category. As such, the combination of “Southeast Asian” and “Other Asian American” does not alone merit a “Two or More Races” Race/Ethnicity classification.

Federal (IPEDS) Race/Ethnicity Reporting

For federal (IPEDS) reporting, any non-International student in the Hispanic/Latino category is reported as Hispanic/Latino.

A computed data element called Ethnicity_Citizenship_Unduplicated_Hispanic is calculated based on the following steps.

1. International students (students on temporary visas) regardless of race/ethnicity are reported in a separate International category. These students have a Citizenship Status = A (Nonresident Alien).
2. Multiple Hispanic/Latino subcategories and Southeast Asian subcategories are “rolled up” into Hispanic/Latino and Southeast Asian alone categories.
3. Students in both the Other Asian and Southeast Asian categories are put in the Southeast Asian alone category. (The Other Asian and Southeast Asian categories are combined into the Asian category for federal reporting.)
4. CDR edits disallow any combination of “Unknown” and another race/ethnicity, so “Unknown” is always an “alone” category.
5. All students with a Hispanic/Latino category are put in the Hispanic/Latino category. Any of their race categories are ignored.
6. For students not in the Hispanic/Latino category:
 - a. After steps 1-5, students who are in one or more of the general categories listed below are assigned to the “Two or More Races” group.

African American/Black
American Indian/Alaskan Native
Asian (Southeast Asian or Other Asian American) *
Native Hawaiian/Pacific Islander
White

*Please note that for the purposes of Two or More Races categorization, “Southeast Asian” and “Other Asian American” are both considered subgroups of the “Asian” racial category. As such, the combination of “Southeast Asian” and “Other Asian American” does not alone merit a “Two or More Races” Race/Ethnicity classification.