

**Referential Edit Rules
Updated (05/25/11)**

REFERENTIAL EDIT CRITERIA—STUDENT BASIC DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT BASE TABLE/ NEW OR CONTINUING STUDENT		Chancellor's Office Resident STUDENT BASE TABLE/ College ID		
College ID	GI01	College ID	GI01	Attempt to find a match using Student Basic table primary key: College ID, Student ID If no match is found, assume a new student and add record to the Student-Basic table.
Student ID	SB00	Student ID	SB00	If a match is found, update the entire existing Student- Basic record with data from the new Student-Basic record.

REFERENTIAL EDIT CRITERIA—STUDENT DSPS DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT DSPS TABLE/ STUDENT ID College ID,	GI01	STUDENT TERM TABLE/ College ID,	GI01	Records reported in the DSPS file must have a matching record reported in the Student Basic file.
Student ID,	SB00	Student ID	SB00	If no match is found, the record is rejected.

REFERENTIAL EDIT CRITERIA—STUDENT EOPS DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT EOPS TABLE/ STUDENT ID College ID,	GI01	STUDENT TERM TABLE/ College ID,	GI01	Records reported in the EOPS file must have a matching record reported in the Student Basic file.
Student ID,	SB00	Student ID	SB00	If no match is found, the record is rejected.

REFERENTIAL EDIT CRITERIA—STUDENT FINANCIAL AID APPLICANT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT FINANCIAL AID APPLICANT TABLE/		STUDENT BASIC TABLE/		
College ID,	GI01	College ID,	GI01	Records reported in the Financial Aid Applicant file must have a matching record that was reported in a Student Basic file submission during the academic year for which the Financial Aid data is being reported.
Student ID,	SB00	Student ID	SB00	
STUDENT FINANCIAL AID APPLICANT TABLE/		STUDENT FINANCIAL AID AWARD TABLE/		
College ID,	GI01	College ID,	GI01	Any Applicant record with indicating the financial aid was received (SF01 = '1') must have at least one Award record.
Student ID,	SB00	Student ID	SB00	
Applicant Status	SF01			

REFERENTIAL EDIT CRITERIA—STUDENT FINANCIAL AID AWARD DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT FINANCIAL AID AWARD TABLE/		STUDENT BASIC TABLE/		
College ID, Student ID, Term Received	GI01 SB00 GI03	College ID, Student ID, Term ID	GI01 SB00 GI03	Financial Aid Award records must have had a matching Student Basic record reported in the term the award was received.
STUDENT FINANCIAL AID AWARD TABLE/		STUDENT FINANCIAL AID APPLICANT TABLE/		
College ID, Student ID,	GI01 SB00	College ID, Student ID Applicant Status	GI01 SB00 SF01	An Award record(s) must have a matching Applicant record with Applicant Status (SF01) equal to '1'.

REFERENTIAL EDIT CRITERIA—STUDENT FINANCIAL AID AWARD DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT FINANCIAL AID AWARD TABLE/		STUDENT FINANCIAL AID APPLICANT TABLE/		
For GROUP A and B awards: BB,BC,GB,GC,GE,GF,GP,GS,LD,LE, LG,LH,LL,LP,LS,WC,WE,WF				If a student received a Group A or Group B award, The following edits are performed on the matching Financial Aid Applicant record.
		Dependency Status	SF05	Cannot be reported as X.
		AGI Parent	SF08	For dependent students (SF05 = D) , the element cannot be reported as 999999.
		AGI Student	SF09	For non-dependent students (SF05 = I or O) , the element cannot be reported as 999999.
		Untax Income Parent	SF10	For dependent students (SF05 = D) , the element cannot be reported as 999999.
		Untax Income Student	SF11	For non-dependent students (SF05 = I or O) , the element cannot be reported as 999999.

REFERENTIAL EDIT CRITERIA—STUDENT ENROLLMENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT ENROLLMENT TABLE/ STUDENT ID College ID, Student ID,	GI01 SB00	STUDENT TERM TABLE/ College ID, Student ID	GI01 SB00	Records in the Enrollment table must have a matching Student Basic record reported. If no match is found, the record is rejected.
		SECTION TABLE/		
College ID Course Dept Number Course Control Number	GI01 CB01 CB00	College ID Course Dept Number Course Control Number	GI01 CB01 CB00	Must have a match on College ID, Course Dept Number, and Course Control Number between Section and Enrollment records. If no match is found, the record is rejected. If the record passes the Course ID check, then the below SECTION ID check is made.
College ID Course Dept Number Section ID Course Control Number	GI01 CB01 XB00 CB00	College ID Course Dept Number Section ID Course Control Number	GI01 CB01 XB00 CB00	Must match. If no match is found, the record is rejected.
				The following edits are performed if the Enrollment record has a matching Section record.
ENROLLMENT UNITS EARNED Enrollment Units Earned Enrollment Grade	SX03 SX04	Section Units Maximum Section Units Minimum	XB05 XB06	If Enrollment Grade (SX04) is coded as "A", "B", "C", "D", or "P" then SX03 MUST be greater than or equal to XB06 AND less than or equal to XB05. If the record fails this edit, then the record is rejected.

REFERENTIAL EDIT CRITERIA—STUDENT ENROLLMENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
ENROLLMENT POSITIVE ATTENDANCE HOURS Enrollment Positive Attendance Hours	SX05	Section Accounting Method	XB01	<p>If Section Accounting Method (XB01) is equal to 'W', 'D', 'I', or 'L' then Enrollment Positive Attendance Hours MUST be equal to '8888'</p> <p>If Section Accounting Method (XB01) is equal to 'P' or 'E', then Enrollment Positive Attendance Hours must NOT be equal to '8888' or '9999'.</p> <p>If the record fails either one of these edits, then the record is rejected.</p>
ENROLLMENT DROP DATE Enrollment Drop Date	SX02	Section Date First-Census Section Accounting Method	XB02 XB01	<p>If an Enrollment Drop Date (SX02) was entered (not equal to 8's), and the enrollment links to a section that is Weekly or Daily (XB01), then the Enrollment Drop Date must fall on or after the Section Date First-Census (XB02).</p> <p>If the record fails this edit, then the record is rejected.</p>
		COURSE TABLE/		
ENROLLMENT GRADE Enrollment Grade	SX04	Course Credit Status	CB04	<p>There are two edits performed in this category:</p> <ol style="list-style-type: none"> 1. If SX04 is reported as "A", "B", "C", "D", "F", "P" or "NP", then CB04 of the associated Course record MUST be coded as "C" or "D". 2. If SX04 is reported as "UG", then CB04 of the associated Course record MUST be coded as "N". <p>If the record fails either edit, then the record is rejected.</p>

REFERENTIAL EDIT CRITERIA—STUDENT PROGRAM DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT PROGRAM AWARD TABLE/		PROGRAM TABLE/		The following edits will be performed when Program Data Elements (PB) are defined. They are not currently being performed.
PROGRAM ID College ID, Program ID	GI01 SP01	College ID, Program ID	GI01 SP01	Records in the Student Program table must have a match with TOP-Code records using the TOP-Code Primary Key: College ID, TOP-Code (Program ID).

REFERENTIAL EDIT CRITERIA—SECTION BASIC DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
SECTION BASIC TABLE/		COURSE TABLE/		
College ID	GI01	College ID	GI01	Must have a match on College ID, Course Dept Number, and Course Control Number between Section and Course records.
Course Dept Number	CB01	Course Dept Number	CB01	
Course Control Number	CB00	Course Control Number	CB00	
				If the record fails this edit, the record is rejected.
				The following edits are performed if the record passes the Course ID validation:
Section Units Maximum	XB05	Course Credit Status	CB04	If Course Credit Status is coded as non-credit (CB04 = "N") the Section Units Maximum MUST be coded as ZEROS. If the record fails this edit, the record is rejected.
Section Units Minimum	XB06	Course Credit Status	CB04	If Course Credit Status is coded as non-credit (CB04 = "N") the Section Units Maximum MUST be coded as ZEROS. If the record fails this edit, the record is rejected.

REFERENTIAL EDIT CRITERIA—SESSION DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
SESSION TABLE/		SECTION TABLE/		
College ID	GI01	College ID	GI01	Must have a match on College ID, Course Dept Number, Section ID, and Course Control Number between Section and Session records.
Course Dept Number	CB01	Course Dept Number	CB01	
Section ID	XB00	Section ID	XB00	
Course Control Number	CB00	Course Control Number	CB00	
				If the record fails this edit, the record is rejected.

REFERENTIAL EDIT CRITERIA—ASSIGNMENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
ASSIGNMENT TABLE/		SECTION TABLE/		
College ID Course Dept Number Course Control Number	GI01 CB01 CB00	College ID Course Dept Number Course Control Number	GI01 CB01 CB00	Must have a match on College ID, Term ID, Course Dept Number, and Course Control Number between Section and Session records. If no match is found, the record is rejected. If the record passes the Course ID check, then the below SECTION ID check is made.
Section ID	XB00	Section ID	XB00	Must match. If no match is found, the record is rejected.
		SESSION TABLE		
Session ID	XF00	Session ID	XF00	Must find a match between the Assignment and Session records on College ID, Course Dept Number, Section ID, Course Control Number, and Session ID. If no match is found, the record is rejected.
		ASSIGNMENT TABLE/		
TOTAL FACULTY ASSIGNMENT PERCENT Faculty Assignment Percent	XE02	Total Faculty Assignment Percent for a College ID, Course ID, Section ID, Control Number, Session ID Offering.	N/A	Total Faculty Assignment Percent must be greater than or equal to 99. If this edit fails, all assignment records for the College, Course, Section, Control Number, Session offering will be rejected.

REFERENTIAL EDIT CRITERIA—STUDENT MATRICULATION DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT MATRICULATION TABLE/ STUDENT ID College ID,	GI01	STUDENT TERM TABLE/ College ID,	GI01	Records in the Matriculation file must have a matching record reported in the Student Basic file.
Student ID,	SB00	Student ID	SB00	If no match is found, the record is rejected.

REFERENTIAL EDIT CRITERIA—STUDENT ASSESSMENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT ASSESSMENT TABLE		ASSESSMENT_INSTRUMENT_ TABLE		
Assessment Code	SA01	Instrument_code	TBD	Assessment date must be active (Between Start and End Dates)
College Id	GI01	College_id	TBD	
Assessment Date	SA05	Start_Date & End_date	TBD	

REFERENTIAL EDIT CRITERIA—STUDENT VATEA DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
STUDENT VATEA TABLE/ STUDENT ID College ID,		STUDENT TERM TABLE/ College ID,		
Student ID,	GI01	College ID,	GI01	Records in the VATEA file must have a matching record reported in the Student Basic file.
	SB00	Student ID	SB00	If no match is found, the record is rejected.

REFERENTIAL EDIT CRITERIA—COURSE BASIC DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule

No Referential Checks in Course Basic Data

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REFERENTIAL EDIT CRITERIA—EMPLOYEE DEMOGRAPHICS

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
EMPLOYEE DEMOGRAPHIC TABLE		EMPLOYEE ASSIGNMENT TABLE		
EMPLOYEE ID District ID	GI01	District/College ID	GI01	Each employee must have at least one matching assignment record.
Employee ID	EB00	Employee ID	EB00	

REFERENTIAL EDIT CRITERIA—EMPLOYEE ASSIGNMENT

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
EMPLOYEE ASSIGNMENT TABLE		EMPLOYEE DEMOGRAPHIC TABLE		
EMPLOYEE ID District/College ID	GI01	District ID	GI01	An assignment record must have one, and only one, matching demographic record.
Employee ID	EB00	Employee ID	EB00	
EMPLOYEE ASSIGNMENT TYPE Assignment Type	EJ01	Employee Classification	EB08	If Employee Classification = P, Assignment Type must = CA, NA, AL, SL, CL, IL, NL, AN, SN, CN, IN, NN, AP, SP, CP, IP, NP, AR, SR, CR, IR, or NR If Employee Classification = T, Assignment Type = AN, CN, IN, NN, CO, NO, AP, CP, IP, NP, AF, CF, IF, or NF If Employee Classification = A, R, or C, Assignment Type must = AL, CL, NL, AN, CN, IN, NN, CO, NO, AP, CP, IP, NP, AR, CR, IR, or NR
EMPLOYEE ASSIGNMENT LEAVE STATUS Assignment Leave Status	EJ02	Employee Classification	EB08	If Employee Classification is equal to T Assignment Leave Status cannot = A, B, C, or D.
Assignment Leave Status	EJ02	Employee Classification Employee Annual Salary Employee Annual Stipend Assignment FTE	EB08 EB12 EB13 EJ08	If Employee Classification is equal to A, R, C, or P and Assignment Leave Status is equal to B or D and Sum (Assignment FTE)>99.9, the (Employee Annual Salary must = zero or 888888) and Employee Annual Stipend must = 888888
Assignment Leave Status	Ej02	Employee Classification Employee Annual Salary	EB08 EB12	If Employee Classification is equal to A, R, C, or P and Assignment Leave Status is equal to A or C, then Employee Annual Salary must be greater than zero
TOTAL WEEKLY HOURS Assignment Weekly Hours	EJ04	N/A	N/A	Total weekly hours for employee cannot be greater than 80.0.
TOTAL FTE Assignment FTE	EJ08	N/A	N/A	Total FTE for an employee cannot be greater than 200.00
TOTAL ASSIGNMENT Records	N/A	N/A	N/A	An employee cannot have more than 25 assignment records, if there is, all assignments are rejected.

REFERENTIAL EDIT CRITERIA — CalWORKs STUDENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
CalWORKs STUDENT TABLE		STUDENT BASIC TABLE		
College ID Student ID	GI01 SB00	College ID Student ID	GI01 SB00	Records in the CalWORKs Student file must have a matching Student Basic file record.
CalWORKs STUDENT TABLE		STUDENT MATRICULATION TABLE		
College ID Student ID Student Counseling	GI01 SB00 SC03	College ID Student ID Counseling/Advisement Services	GI01 SB00 SM12	Records in the CalWORKs Student file must have a matching record in the Student Matriculation file when SC03 = 1,2, or 3 then SM12 must = A or P.

REFERENTIAL EDIT CRITERIA — CalWORKs STUDENT EMPLOYMENT DATA

District Reports: TABLE/Elements	DED#	Relates to TABLE/Elements	DED#	Referential Rule
CalWORKs STUDENT EMPLOYMENT TABLE		STUDENT BASIC TABLE		
College ID Student ID	GI01 SB00	College ID Student ID	GI01 SB00	Records in the CalWORKs Student Employment file must have a matching record in the Student Basic File.
CalWORKs STUDENT EMPLOYMENT TABLE		CalWORKs STUDENT TABLE		
College ID Student ID	GI01 SB00	College ID Student ID	GI01 SB00	Records in the CalWORKs Student Employment file must have matching record in the CalWORKs Student file.
CalWORKs STUDENT EMPLOYMENT TABLE		CalWORKs STUDENT TABLE		
College ID Student ID Work Activity Status	GI01 SB00 SC12	College ID Student ID Eligibility Status	GI01 SB00 SC01	There must be a record in the CalWORKs Student Employment file with SC12 = 3 if there is a record in the CalWORKs Student file with SC01 = 6.