<table>
<thead>
<tr>
<th>Item</th>
<th>Short explanation</th>
<th>Detailed explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Evaluate current methods and benchmarks used to determine college and career readiness.</td>
<td>Reports generated will be released publically, but the primary audience will be policy leaders at SDE and CT postsecondary institutions, especially those with influence in academic affairs. The analysis will support policy and operational decisions in several ways by 1) improving determinations of placement at CSCU, 2) fine-tuning SDE’s “On-track” information system for high school counselors, and 3) informing a Direct Admissions process to CSCU institutions. Metrics will be generated to address the following and other related questions.</td>
</tr>
</tbody>
</table>

- **To what degree are the official SAT test scores captured and benefitting students with placement now?**
  - o What SAT scores does SDE have and do CT institutions of higher education have the same for students who enroll?
  - o How many students had multiple SAT scores on record with SDE? Would their placement determination have been different if scores other than the ‘official scores’ were used?
  - o How many students were placed into a developmental math or English course that they might have been able to skip if their SAT or other test scores were known?

- **To what degree do the current cut scores for SAT place students in the right level of English or math?**
  - o Do students who are above the cut score pass the English or math course into which they were placed?
  - o Do students below the cut score pass the developmental course into which they were placed?
  - o How do students with scores close to the cut off fair?
  - o What combinations of test scores are the best predictors of accurate placement?

- **To what degree is our placement process guiding students to the initial math and English course that best matches their level of readiness and best supports college success.**
  - o What high school factors correlate with postsecondary evidence of college readiness based on students who demonstrated college readiness through their initial academic performance?
  - o How are college persistence, retention, academic performance (GPA) affected?

- **To what degree do high school academic history factors correlate with career readiness for students who do not pursue a post-secondary education after high school completion?**
### CT Department of Education

<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>Other Qualifier</th>
<th>Related Research / Policy Question</th>
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<th>Data Type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>FormalLastName</td>
<td>The full legal last name given to a person at birth, baptism, or through legal change.</td>
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<td>Matching</td>
<td>needed for matching records between data sets</td>
<td>text</td>
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<tr>
<td>FormalMiddleName</td>
<td>The full legal middle name given to a person at birth, baptism, or through legal change.</td>
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<tr>
<td>DOB</td>
<td>Student date of birth as YYYYMMDD</td>
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<td>needed for matching records between data sets</td>
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<td>yyyyMMdd</td>
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<tr>
<td>Gender</td>
<td>The concept describing the biological traits that distinguish the males and females of a species. &quot;M&quot; = male, &quot;F&quot; = female</td>
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<td>NSC_GraduatingHS_SchoolCodeSDE</td>
<td>College Board/ACT high school code.</td>
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<td>needed for matching records between data sets</td>
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<td>7 digit code. Some have leading zeros</td>
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<tr>
<td>SDE_GraduatingHS_SchoolName</td>
<td>Name of high school from which the student graduated based on PSIS Reg (LastFacility1 in StudentResearch)</td>
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<td>Matching</td>
<td>needed for subaggregation of outcomes</td>
<td>text</td>
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<tr>
<td>town of residence</td>
<td>Town of residence on record for student at time of exit of last facility 1</td>
<td>all</td>
<td>n/a</td>
<td>for matching to data from DMV file</td>
<td>text</td>
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<tr>
<td>RaceEthnicityReportingText</td>
<td>Single-column description of student's race and ethnicity, based on federal race/ethnicity guidelines - American Indian or Alaskan Native - Asian - Black or African American - Hispanic or Latino - Native Hawaiian or Other Pacific Islander - White</td>
<td>all</td>
<td>question 1</td>
<td>needed to understand issues of equity across demographic groups</td>
<td>text</td>
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</tr>
<tr>
<td>graduation date</td>
<td>Date student graduated from HS</td>
<td>all</td>
<td>question 1</td>
<td>needed for cohort tracking</td>
<td>date</td>
<td></td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Academic year</td>
<td>The academic year in which a course was taken. (e.g. 2015-2016)</td>
<td>all</td>
<td>question 1</td>
<td>needed for cohort tracking and sequencing of academic experiences</td>
<td>text</td>
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<tr>
<td>Academic semester</td>
<td>The semester during which a course was taken (e.g. fall or spring)</td>
<td>all</td>
<td>question 1</td>
<td>needed for cohort tracking and sequencing of academic experiences</td>
<td>text</td>
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<td></td>
</tr>
<tr>
<td>Session Start and End Dates</td>
<td>Beginning and ending dates associated with academic course</td>
<td>all</td>
<td>question 1</td>
<td>needed for cohort tracking and sequencing of academic experiences</td>
<td>date</td>
<td></td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Course Subject Area</td>
<td>Broad category to which course belongs: (e.g. science, math, english/language arts, history, etc.)</td>
<td>all</td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>text</td>
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<tr>
<td>Course Title</td>
<td>Name of course</td>
<td>all</td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>text</td>
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<tr>
<td>Outcome Grade</td>
<td>Grade received by student in course</td>
<td>all</td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>text</td>
<td></td>
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</tr>
<tr>
<td>Available Credits</td>
<td>Number of Carnegie credits associated with the course</td>
<td>all</td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>numeric</td>
<td></td>
<td></td>
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<tr>
<td>Data Element Name</td>
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<td>Code Set value to be included</td>
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<td>------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Credits Earned</td>
<td>Number of Carnegie credits the student earned for the course.</td>
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<td></td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>numeric</td>
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<tr>
<td>Outcome Grade Status</td>
<td>Indicates whether student passed, failed, withdrew, or audited the course.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>FreeReducedLunchEligible</td>
<td>Indicator of student eligibility for federal free/reduced lunch program at any time during high school. Per Nat'I. Gov. Alliance rules: &quot;F&quot; = Free, &quot;R&quot; = Reduced, &quot;N&quot; = No</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Understanding issues of equity across demographic groups</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>ELL</td>
<td>English language learner at any time during high school, per Nat'I. Gov. Alliance rules: 'Y', 'N'</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Understanding issues of equity across demographic groups</td>
<td>text</td>
<td>Y, N</td>
</tr>
<tr>
<td>SpecialEd</td>
<td>Presence of an individualized education plan at any time during high school, per Nat'I. Gov. Alliance rules: 'Y', 'N'</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Understanding issues of equity across demographic groups</td>
<td>text</td>
<td>Y, N</td>
</tr>
<tr>
<td>Administered_FallOfYear</td>
<td>Year of Fall of school year in which the test was administered</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for cohort tracking and sequencing of academic experiences</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Test Date</td>
<td>Date exam taken</td>
<td>all</td>
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<td>question 1</td>
<td>needed for cohort tracking and sequencing of academic experiences</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Administered_StudentGradeCode</td>
<td>Grade of student administered a standardized test</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to analyze students' level of preparation during HS.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>LevelScore</td>
<td>The student’s performance level on the test (Below Basic, Basic, Proficient, Goal, or Advanced).</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to analyze students’ level of preparation during HS.</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>ScaleScore</td>
<td>A conversion of a student’s raw score on a test or a version of the test to a common scale that allows for a numerical comparison between students. For CMT and CAPT, this is an integer; leaving option for others</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to analyze students’ level of preparation during HS.</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>TestType</td>
<td>Name of standardized assessment for (CAPT CMT, MAS, SB, SAT, SAT School Day, ACT, AP, IB)</td>
<td>all</td>
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<td>question 1</td>
<td>needed to analyze students’ level of preparation during HS.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>TestVersion</td>
<td>Version/generation of standardized test</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to analyze students’ level of preparation during HS.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>AttendanceDays</td>
<td>Days student attended in a year</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to establish preparation for college and workforce</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>MembershipDays</td>
<td>Days student could have attended on a school year</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to establish preparation for college and workforce</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Homeless</td>
<td>Identifies youths who are considered homeless according to Section 725(2) of the federal McKinney-Vento Act which defines homeless children and youth as individuals who lack a fixed, regular and adequate nighttime residence.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Understanding issues of equity across demographic groups</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>School Moves</td>
<td>Number of times the student changed schools</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>to understand consistency in school attendance as it affects readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>District Moves</td>
<td>Number of times the student changed districts</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>to understand consistency in school attendance as it affects readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Number of In-School Suspensions (ISS)</td>
<td>Total number of ISS during a specified number of years</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>to understand student experience as it relates to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Number of Out of School Suspensions (OSS)</td>
<td>Total number of OSS during a specified number of years</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>to understand student experience as it relates to readiness</td>
<td>numeric</td>
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<tr>
<td>Data Element Name</td>
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<td>-----------------------------------</td>
<td>-----------------------------------------------------------</td>
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</tr>
<tr>
<td>Ever Repeated Grade? Ever in High School?</td>
<td>Indicator of whether the student repeated a grade</td>
<td>all</td>
<td>question 1</td>
<td>to understand student experience as it relates to readiness</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course-taking CCR</td>
<td>Indicator of whether the student participated in at least one of the following during high school: Two courses in AP/IB/dual enrollment, Two courses in one of seventeen CTE categories, Or Two workplace experience “courses” in any area.</td>
<td>all</td>
<td>question 1</td>
<td>needed to establish preparation for college and workforce</td>
<td>numeric</td>
<td></td>
<td></td>
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<tr>
<td>Exam CCR</td>
<td>Indicator of whether the student achieved CCR benchmark on at least one of the following: Smarter Balanced 11th or SAT or ACT or AP or IB</td>
<td>all</td>
<td>question 1</td>
<td>needed to establish preparation for college and workforce</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSC_CollegeDegreeTitle</td>
<td>If available, the title of the degree the student received as provided by the reporting college (from NSC file).</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>character</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSC_CollegeGraduationDate</td>
<td>Date of student’s graduation or degree achievement as provided by the reporting college. YYYYMMDD; from NSC file</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>date</td>
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<tr>
<td>NSC_IsCollegeGraduated</td>
<td>Graduation status information available from the reporting college in NSC Student Tracker file.</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>character</td>
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</tr>
<tr>
<td>NSC_IsFound</td>
<td>NSC Detail report does or DOES NOT contain student’s college record</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>character</td>
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<td></td>
</tr>
<tr>
<td>NSC_CollegePublicPrivate</td>
<td>Indicates whether the college that the student attended is a “Public” or Private” institution.</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>character</td>
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<tr>
<td>NSC_CollegeState</td>
<td>State in which the college is located</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>character</td>
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<tr>
<td>NSC_Institution_Level</td>
<td>Type of college that the student attended: 4 = 4-year or higher institution; 2 = 2-year institution; L = less than 2-year institution</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>character</td>
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<tr>
<td>NSC_EndDate</td>
<td>End date for the student’s period of attendance. YYYYMMDD</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>date</td>
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<tr>
<td>NSC_EnrollmentStatus</td>
<td>Full-time, Half-time, Less than half-time, Leave of absence, Withdrawn, Deceased</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>character</td>
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<td></td>
</tr>
<tr>
<td>NSC_BeginDate</td>
<td>Begin date for the student’s period of attendance. YYYYMMDD</td>
<td>all</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains character</td>
<td>date</td>
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<tr>
<td>NCES Course Code</td>
<td>NCES-developed code which includes (1) course description, (2) course rigor level, (3) available credit, and (4) sequence.</td>
<td>all</td>
<td>question 1</td>
<td>needed to analyze students’ level of preparation during HS.</td>
<td>text</td>
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<tr>
<td>Data Element Name</td>
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<td>-----------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Last Name</td>
<td>Last name of student</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Middle Name</td>
<td>Middle name of student</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td>First name of student</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Date of Birth</td>
<td>Date of birth of student</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>date</td>
<td>yyyydm</td>
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<tr>
<td>Gender</td>
<td>Gender of student</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets and for demographic disaggregation</td>
<td>text</td>
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<tr>
<td>High School Code</td>
<td>College Board High School Code assigned to the high school (e.g. 070323 - RHAM High School)</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
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<tr>
<td>High School Name</td>
<td>Text name of the student’s high school</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed to validate or troubleshot high school codes as necessary.</td>
<td>text</td>
<td></td>
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<tr>
<td>SASID</td>
<td>State Assigned Student Identification Number</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Race_Ethnicity</td>
<td>IPEDS Race/Ethnicity code or description</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>needed to understand issues of equity across demographic groups</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>First Class Term Code</td>
<td>The code for the first term in which a student took a course for credit.</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This data element is necessary to establish when in the academic year students began their postsecondary education experience.</td>
<td>text</td>
<td></td>
</tr>
</tbody>
</table>

**Note for CSCU**

CC: 1st = Century where 0=1900's and 1 = 2000's. 2nd & 3rd = year 4th = term (1,2,3,4 where 1 = spring, 2 = summer, 3 = fall, 4 = winter) 5th & 6th = the 2 digit college/institution code

CSU: Term of first section for credit registration for the given level. Extracted from academic history. First 4 digits = academic year “YYYY”, next two digits = 2 digit code for semester (eg. 10 = fall, 20 = winter, 30 = spring break, 40 = spring, 50 = summer)
<table>
<thead>
<tr>
<th>Data Element Name</th>
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<th>Note for CSCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Class Date</td>
<td>Date associated with the beginning of the term in which a student initially enrolled. Corresponds with First_Class_Term_Code in this manner. YYYYMMDD</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This data element is necessary to establish a point in time when students began their postsecondary education experience.</td>
<td>date</td>
<td>yyyyMMdd</td>
<td></td>
</tr>
<tr>
<td>Term Code</td>
<td>The academic term for which the data apply. Includes the academic year and an indicator for fall, winter, spring break, and spring.</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This data element is necessary to understand the connection between events in the students' academic experience.</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Term Description</td>
<td>Term Description. Eg. SPRG13</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Descriptive information for understanding the Term Code</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Term Attempted Hours</td>
<td>Number of credits attempted by term</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Term Earned Hours</td>
<td>Number of credits earned by term</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Term GPA</td>
<td>GPA as of end of given term</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit attained date (a.k.a. Term End Date for Credits Attained)</td>
<td>The date by which credits were attained for a given term. Typically the end of the term. YYYYMMDD (e.g. Spring 2013 = 20130515)</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Necessary to understand the timeline of students' postsecondary experience</td>
<td>date</td>
<td>yyyyMMdd</td>
<td></td>
</tr>
<tr>
<td>Overall Attempted Hours</td>
<td>Total number of credits attempted from program entry to present</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Earned Academic Credits</td>
<td>Overall credits attained by student at the end of the given term (including transfer and awarded by examination)</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td>CSU: Cumulative number of academic credit hours completed by the end of a given term (including transfer and awarded by examination) CSU = SysIdn_cum_AcademicCredits. CC: This field was derived to provide the number of credit hours a student has earned overall. (It does not include remedial/developmental hours. It does include transfer and institutional credits.)</td>
</tr>
<tr>
<td>Overall GPA</td>
<td>Cumulative GPA</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be included</td>
<td>Other Qualifier</td>
<td>Related Research / Policy Question</td>
<td>Explain how this element relates to the Research Question</td>
<td>Data Type</td>
<td>Format</td>
<td>Note for CSCU</td>
</tr>
<tr>
<td>---------------------------</td>
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<td>--------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Enrollment Status</td>
<td>A determination as to whether the student is enrolled on a full-time or part-time basis for the given term. If the student is enrolled for 12 or more credits (as calculated using Term_Attempted_Hrs), the student is considered full-time. Part Time</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>text</td>
<td>FT, PT</td>
<td>(The values of this field for CSCU depends on 'run_code'. At beginning of term, this field refers to 'attempted' credits; at the end of the term it refers to 'achieved'.)</td>
</tr>
<tr>
<td>English Course Code</td>
<td>Code for English course taken.</td>
<td>All English courses taken</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Course Grade</td>
<td>Grade received in corresponding English course</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Course Code</td>
<td>code for Math course taken</td>
<td>All math courses taken</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math Course Grade</td>
<td>Grade received in corresponding math course</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEST CODE</td>
<td>Code for placement test taken (For example, SAT, AP, IB, ACT, Accuplacer)</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td>CC = TESC_CODE</td>
<td></td>
</tr>
<tr>
<td>Test Description</td>
<td>Description of test taken</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td>CC = TEST_DESC</td>
<td></td>
</tr>
<tr>
<td>Test Score</td>
<td>Score received</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td>CC = TEST_SCORE</td>
<td></td>
</tr>
<tr>
<td>Test Date</td>
<td>Date Score received</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>date</td>
<td>yyyyymmdd</td>
<td>CC = TEST_DATE</td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be included</td>
<td>Other Qualifier</td>
<td>Related Research / Policy Question</td>
<td>Explain how this element relates to the Research Question</td>
<td>Data Type</td>
<td>Format</td>
<td>Note for CSCU</td>
</tr>
<tr>
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<td>-----------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>----------------</td>
</tr>
</tbody>
</table>
| College Code or Name                    | **CC**: This is the Institution number. Each number pertains to a different CC/CSU campus.  
01 System Office (no students coded for the system office)  
02 Manchester  
03 Northwestern CT  
04 Norwalk  
05 Housatonic  
06 Middlesex  
07 Capital  
08 Naugatuck Valley  
09 Gateway  
10 Tunxis  
11 Three Rivers  
12 Quinebaug Valley  
13 Asnuntuck  

**CSU**: This is the Institution number. Each number pertains to a different CC/CSU campus.  
16 = C = Central  
17 = E = Eastern  
18 = S = Southern  
19 = W = Western | all                                                                          | CC & CSU                     | question 1      | Necessary to analyze patterns between institutions                                                                | text      |        |                 |
<p>| Effective Date                          | The date a record became effective in the student information system. Often tied to Term Code                                                                                                           | all                          | CC &amp; CSU         | question 1                        | necessary for tracking student experiences over time                                                                     | date      | yyyyWdmdd     |                 |
| Remedial_Term_Code                     | Term code in which individual took a remedial course. Includes information academic year and term.                                                                                                      | all                          | CC              | question 1                        | necessary to understand when a student took a course below college level                                                  | text      |        |                 |
| Remedial_Term_Description               | Description of term code in which individual took a remedial course.                                                                                                                                     | all                          | CC              | question 1                        | necessary to understand the remedial course taken                                                                         | text      |        |                 |
| Remedial_Term_Date                     | Date associated with the term code for analysis                                                                                                                                                    | all                          | CC              | question 1                        | necessary to understand when a student took a course below college level                                                  | date      | yyyyWdmdd     |                 |
| Remedial_Subject_Code                  | Subject of remedial course                                                                                                                                                                           | all                          | CC              | question 1                        | necessary to understand subject area of remedial course (e.g. English or Math)                                           | text      |        |                 |
| Remedial_Course_Number                 | Remedial course number                                                                                                                                                                               | all                          | CC              | question 1                        | necessary to analyze students who took the same course                                                                     | text      |        |                 |
| Remedial_Level_Code                    | Flag indicating 1) for credit, 2) non-credit                                                                                                                                                    | all                          | CC              | question 1                        | necessary to understand the level of remediation                                                                           | text      |        |                 |
| Remedial_Attribute_Class               | Flag indicating whether the course is transitional, intensive or embedded (specific to CSCU)                                                                                                | all                          | CC              | question 1                        | necessary to understand the level of remediation                                                                           | text      |        |                 |
| Remedial_Grade                         | grade received in remedial course                                                                                                                                             | all                          | CC              | question 1                        | necessary to understand whether students were able to pass the remedial course into which they were placed            | text      |        |                 |</p>
<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>Other Qualifier</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
<th>Note for CSCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remedial_Credit_hrs</td>
<td>credits earned in remedial course</td>
<td>all</td>
<td>CC</td>
<td>question 1</td>
<td>important for understanding postsecondary performance as it pertains to readiness</td>
<td>numerica</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Flag</td>
<td>flag that indicates that the course is considered 'remedial' by CSCU</td>
<td>all</td>
<td>CC</td>
<td>question 1</td>
<td>necessary to distinguish remedial from non-remedial courses</td>
<td>text</td>
<td></td>
<td>may not be necessary depending on how data are pulled</td>
</tr>
<tr>
<td>FAFSA Completion date</td>
<td>date on which FAFSA was initially completed/submitted</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSA which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>date</td>
<td>yyyyymmdd</td>
<td>Check BANNER RCRAPP1 table</td>
</tr>
<tr>
<td>FAFSA completion</td>
<td>flag as to whether a FAFSA form was submitted; Y or N</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSA which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>text</td>
<td></td>
<td>RORSTAT_APPL_REVD_DATE</td>
</tr>
<tr>
<td>Financial Aid Offer made</td>
<td>Indicator showing whether FinAid offer was made: Y/N</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This element is necessary as a proxy for income—because income/class are determinants of enrollment, school choice, retention and success.</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financial Aid Offer need-based</td>
<td>flag as to whether financial aid offer included federal and/or state need-based funding (e.g. Pell and State Need based grants); Y/N</td>
<td>all</td>
<td>CC &amp; CSU</td>
<td>question 1</td>
<td>This element is necessary as a proxy for income—because income/class are determinants of enrollment, school choice, retention and success.</td>
<td>text</td>
<td></td>
<td>Use DM_FIN_AID_AWARDS. Jan has financial aid type data. Separate request to CSU's</td>
</tr>
<tr>
<td>First Generation Flag</td>
<td>flag that indicates whether a student is the first in their family to attend a post-secondary institution Y/N (“Do not use” after 9/20/16, but some still do) D - one/both earned Bach ro higher A - neither attended college C - one or both earned Assoc B - one or both attended no degree</td>
<td>all</td>
<td>CC</td>
<td>question 1</td>
<td>Readiness often corresponds with whether a student’s parents attended college. When a parent has college experience they often set an expectation for their child to attend and can pass along knowledge about how to prepare and what to expect.</td>
<td>text</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**P20 WIN ATTACHMENTS A & B – DATA ELEMENTS FOR QUERY BY IMPACTED AGENCY & PURPOSE CROSSWALK - UCONN**

**Attachment A:** Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are necessary. Add as many rows as necessary

**Attachment B:** Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per row. Add as many rows as necessary. P20 WIN element names can be found here: [enter URL for meta-data dictionary].

Note: if a proposal is approved, data elements may be removed from the request if there is insufficient evidence to show how the data element requested relates to the purpose.

**P20 WIN Query Number:** P20W_1806_2_0018

<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>Other Qualifier</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Name</td>
<td>Last name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Middle Name</td>
<td>Middle name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td>First name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Date of Birth</td>
<td>Date of birth of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>date</td>
<td>yyyymmdd</td>
</tr>
<tr>
<td>Gender</td>
<td>Gender of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets and for demographic disaggregation</td>
<td>text</td>
<td>M, F</td>
</tr>
<tr>
<td>High School Code</td>
<td>College Board High School Code assigned to the high school (e.g. 070323 - RHAM High School)</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td>7 digit code. Some have leading zeros</td>
</tr>
<tr>
<td>High School Name</td>
<td>Text name of the student's high school</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to validate or troubleshoot high school codes as necessary.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>SASID</td>
<td>State Assigned Student Identification Number</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td>10 digit numeric code. None have leading zeros</td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be included</td>
<td>Other Qualifier</td>
<td>Related Research / Policy Question</td>
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<td>-----------------</td>
<td>------------------------------------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td>----------</td>
<td>--------</td>
</tr>
<tr>
<td>Race_Ethnicity</td>
<td>IPEDS Race/Ethnicity code or description</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to understand issues of equity across demographic groups</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>First Class Term Code</td>
<td>The code for the first term in which a student took a course for credit. It includes the academic year and an indicator for fall, winter, spring break, spring and summer.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to establish when in the academic year students began their postsecondary education experience.</td>
<td>text</td>
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</tr>
<tr>
<td>First Class Date</td>
<td>Date associated with the beginning of the term in which a student initially enrolled. Corresponds with First_Class_Term_Code in this manner. YYYYMMDD</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to establish a point in time when students began their postsecondary education experience.</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Term Code</td>
<td>The academic term for which the data apply. It includes the academic year and an indicator for fall, winter, spring break, spring and summer.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to understand the connection between events in the students academic experience.</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Term Description</td>
<td>Term Description. Eg. SPRG13</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Descriptive information for understanding the Term Code</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Term Attempted Hours</td>
<td>Number of credits attempted by term</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Term Earned Hours</td>
<td>Number of credits earned by term</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
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<td>---------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------</td>
<td>----------</td>
</tr>
<tr>
<td>Term GPA</td>
<td>GPA as of end of given term</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Credit attained date (a.k.a. Term End Date for Credits Attained)</td>
<td>The date by which credits were attained for a given term. Typically the end of the term. YYYYMMDD (e.g. Spring 2013 = 20130515)</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand the timeline of students postsecondary experience</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>Overall Attempted Hours</td>
<td>Total number of credits attempted from program entry to present</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Overall Earned Academic Credits</td>
<td>Overall credits attained by student at the end of the given term (including transfer and awarded by examination)</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Overall GPA</td>
<td>Cumulative GPA</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Enrollment Status</td>
<td>A determination as to whether the student is enrolled on a full-time or part-time basis for the given term.</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>text</td>
<td>FT, PT</td>
</tr>
<tr>
<td>English Course Code</td>
<td>Code for English course taken.</td>
<td>All English courses taken</td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>English Course Title</td>
<td>Description of English course taken</td>
<td></td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>English Course Grade</td>
<td>Grade received in corresponding English course</td>
<td>question 1</td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
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<td>Math Course Code</td>
<td>code for Math course taken</td>
<td>All math courses taken</td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Math Course Title</td>
<td>Description of Math course taken</td>
<td>all</td>
<td>question 1</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
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</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be included</td>
<td>Other Qualifier</td>
<td>Related Research / Policy Question</td>
<td>Explain how this element relates to the Research Question</td>
<td>Data Type</td>
<td>Format</td>
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<td>Math Course Grade</td>
<td>Grade received in corresponding math course</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>TEST CODE</td>
<td>Code for placement test taken (For example, SAT, AP, IB, ACT, Accuplacer)</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
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<tr>
<td>Test Description</td>
<td>Description of test taken</td>
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<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
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<td>Test Score</td>
<td>Score received</td>
<td>all</td>
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<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
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<tr>
<td>Test Date</td>
<td>Date Score received</td>
<td>all</td>
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<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>date</td>
<td>yyyyymmdd</td>
</tr>
<tr>
<td>College Code or Name</td>
<td>Identifier for the institution</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Necessary to analyze patterns between institutions</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Effective Date</td>
<td>The date a record became effective in the student information system. Often tied to Term Code</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>necessary for tracking student experiences over time</td>
<td>date</td>
<td>yyyyymmdd</td>
</tr>
<tr>
<td>FAFSA Completion date</td>
<td>date on which FAFSA was initially completed/submitted</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSas which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>date</td>
<td>yyyyymmdd</td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be included</td>
<td>Other Qualifier</td>
<td>Related Research / Policy Question</td>
<td>Explain how this element relates to the Research Question</td>
<td>Data Type</td>
<td>Format</td>
</tr>
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<td>------------------------------------</td>
<td>----------------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
</tr>
<tr>
<td>FAFSA completion</td>
<td>flag as to whether a FAFSA form was submitted; Y or N</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSA which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Financial Aid Offer made</td>
<td>Whether FinAid offer was made</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This element is necessary as a proxy for income—because income/class are determinants of enrollment, school choice, retention and success.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Financial Aid Offer need-based</td>
<td>flag as to whether financial aid offer was need-based, Y/N</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This element is necessary as a proxy for income—because income/class are determinants of enrollment, school choice, retention and success.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Veteran</td>
<td>Has military service record yes/no</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>does this pertain to the question?</td>
<td>text</td>
<td>Y, N, blank</td>
</tr>
<tr>
<td>First Generation Flag</td>
<td>flag that indicates whether a student is the first in their family to attend a post-secondary institution</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Readiness often corresponds with whether a student's parents attended college. When a parent has college experience they often set an expectation for their child to attend and can pass along knowledge about how to prepare and what to expect.</td>
<td>text</td>
<td></td>
</tr>
</tbody>
</table>
**CT Conference of Independent Colleges**

<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>CCIC comments</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
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</thead>
<tbody>
<tr>
<td>Last Name</td>
<td>Last name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Middle Name</td>
<td>Middle name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td>First name of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Date of Birth</td>
<td>Date of birth of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>date</td>
<td>yyyy-mm-dd</td>
</tr>
<tr>
<td>Gender</td>
<td>Gender of student</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed for matching records between data sets and for demographic disaggregation</td>
<td>text</td>
<td>M, F</td>
</tr>
<tr>
<td>High School Code</td>
<td>College Board High School Code assigned to the high school (e.g. 070323 - RHAM High School)</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td>7 digit code. Some have leading zeros</td>
</tr>
<tr>
<td>High School Name</td>
<td>Text name of the student's high school</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>needed to validate or troubleshoot high school codes as necessary.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>SASID</td>
<td>State Assigned Student Identification Number</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>needed for matching records between data sets</td>
<td>text</td>
<td>10 digit numeric code. None have leading zeros</td>
</tr>
<tr>
<td>Race_Ethnicity</td>
<td>IPEDS Race/Ethnicity code or description</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>needed to understand issues of equity across demographic groups</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>1. Nonresident alien</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Hispanic/Latino</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. American Indian or Alaska Native</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Asian</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Black or African American</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Native Hawaiian or Other Pacific Islander</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. white</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Two or more races</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Race and ethnicity unknown</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Class Term Code</td>
<td>The code for the first term in which a student took a course for credit. Includes the academic year and an indicator for fall, winter, spring break, spring and summer.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to establish when in the academic year students began their postsecondary education experience.</td>
<td>text</td>
<td></td>
</tr>
</tbody>
</table>

**P20 WIN ATTACHMENTS A & B – DATA ELEMENTS FOR QUERY BY IMPACTED AGENCY & PURPOSE CROSSWALK - CCIC**

**Attachment A:** Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are necessary. Add as needed.

**Attachment B:** Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per row.

**P20 WIN Query Number:** P20W_1806_2_0018
<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>CCIC comments</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Class Date</td>
<td>Date associated with the beginning of the term in which a student initially enrolled. Corresponds with First_Class_Term_Code in this manner. YYYYMMDD</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to establish a point in time when students began their postsecondary education experience.</td>
<td>date</td>
<td>yyyymmd</td>
</tr>
<tr>
<td>Term Code</td>
<td>The academic term for which the data apply. Includes the academic year and an indicator for fall, winter, spring break, spring and summer.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>This data element is necessary to understand the connection between events in the students academic experience.</td>
<td>text</td>
<td>The CC and CSU data are formatted differently</td>
</tr>
<tr>
<td>Term Description</td>
<td>Term Description. Eg. SPRG13</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Descriptive information for understanding the Term Code</td>
<td>text</td>
<td></td>
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<tr>
<td>Term Attempted Hours</td>
<td>Number of credits attempted by term</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Term Earned Hours</td>
<td>Number of credits earned by term</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Term GPA</td>
<td>GPA as of end of given term</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Credit attained date (a.k.a. Term End Date for Credits Attained)</td>
<td>The date by which credits were attained for a given term. Typically the end of the term. YYYYMMDD (e.g. Spring 2013 = 20130515)</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand the timeline of students postsecondary experience</td>
<td>date</td>
<td>yyyymmd</td>
</tr>
<tr>
<td>Overall Attempted Hours</td>
<td>Total number of credits attempted from program entry to present</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Overall Earned Academic Credits</td>
<td>Overall credits attained by student at the end of the given term (including transfer and awarded by examination</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Overall GPA</td>
<td>Cumulative GPA</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>numeric</td>
<td></td>
</tr>
<tr>
<td>Enrollment Status</td>
<td>A determination as to whether the student is enrolled on a full-time or part-time basis for the given term.</td>
<td>all</td>
<td></td>
<td>question 1</td>
<td>Important for understanding postsecondary performance as it pertains to readiness</td>
<td>text</td>
<td>FT, PT</td>
</tr>
<tr>
<td>English Course Code</td>
<td>Code for English course taken.</td>
<td>All English courses taken</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>English Course Title</td>
<td>Description of English course taken</td>
<td>All English courses taken</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>English Course Grade</td>
<td>Grade received in corresponding English course</td>
<td>All English courses taken</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of English students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Math Course Code</td>
<td>code for Math course taken</td>
<td>All math courses taken</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
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</tr>
<tr>
<td>Math Course Title</td>
<td>Description of Math course taken</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Math Course Grade</td>
<td>Grade received in corresponding math course</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand what level of Math students initially took in their postsecondary experience</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>TEST CODE</td>
<td>Code for placement test taken (For example, SAT, AP, IB, ACT, Accuplacer)</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Test Description</td>
<td>Description of test taken</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Test Score</td>
<td>Score received</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Test Date</td>
<td>Date Score received</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>important for understanding readiness as it relates to standard placement and college entrance examinations</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>College Code or Name</td>
<td>Identifier for the institution</td>
<td>all</td>
<td>question 1</td>
<td>Necessary to analyze patterns between institutions</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective Date</td>
<td>The date a record became effective in the student information system. Often tied to Term Code</td>
<td>all</td>
<td>question 1</td>
<td>necessary for tracking student experiences over time</td>
<td>date</td>
<td>yyyyMMdd</td>
<td></td>
</tr>
<tr>
<td>Remedial_Term_Code</td>
<td>Term code in which individual took a remedial course</td>
<td>all</td>
<td>question 1</td>
<td>necessary to understand when a student took a course below college level</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Term_Description</td>
<td>Description of term code in which individual took a remedial course</td>
<td>all</td>
<td>question 1</td>
<td>necessary to understand the remedial course taken</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Term_Date</td>
<td>Date associated with the term code for analysis</td>
<td>all</td>
<td>question 1</td>
<td>necessary to understand when a student took a course below college level</td>
<td>date</td>
<td>yyyyMMdd</td>
<td></td>
</tr>
<tr>
<td>Remedial_Subject_Code</td>
<td>Subject of remedial course</td>
<td>all</td>
<td>question 1</td>
<td>necessary to understand subject area of remedial course (e.g. English or Math)</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Course_Number</td>
<td>Remedial course number</td>
<td>all</td>
<td>question 1</td>
<td>necessary to analyze students who took the same course</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Level_Code</td>
<td>Flag indicating 1) for credit, 2) non-credit</td>
<td>all</td>
<td>question 1</td>
<td>necessary to understand the level of remediation</td>
<td>text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Element Name</td>
<td>Definition</td>
<td>Code Set value to be Included</td>
<td>CCIC comments</td>
<td>Related Research / Policy Question</td>
<td>Explain how this element relates to the Research Question</td>
<td>Data Type</td>
<td>Format</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>-------------------------------</td>
<td>---------------</td>
<td>------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
</tr>
<tr>
<td>Remedial_Attribute_Class</td>
<td>Flag indicating whether the course is transitional, intensive or embedded</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand the level of remediation</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(specific to CSCU)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remedial_Grade</td>
<td>grade received in remedial course</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>necessary to understand whether students were able to pass the remedial course into which they were placed</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Remedial_Credit_hrs</td>
<td>credits earned in remedial course</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>important for understanding postsecondary performance as it pertains to readiness</td>
<td>numerica</td>
<td></td>
</tr>
<tr>
<td>FAFSA Completion date</td>
<td>date on which FAFSA was initially completed/submitted</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSA which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>date</td>
<td>yyyyMMdd</td>
</tr>
<tr>
<td>FAFSA completion</td>
<td>flag as to whether a FAFSA form was sumitted, Y or N</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>This element is necessary because one important factor for being college readiness is completing the FAFSA which is necessary for eligibility for financial aid, loans and work-study assistance.</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Financial Aid Offer need-based</td>
<td>flag as to whether financial aid offere was need-based, Y/N</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>does this pertain to the question?</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Mother’s or Maternal Guardian Education</td>
<td>Highest level of education completed by student’s mother or maternal guardian</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Will be used to derive whether a student is 1st generation or not</td>
<td>text</td>
<td></td>
</tr>
<tr>
<td>Father’s or Paternal Guardian Education</td>
<td>Highest level of education completed by student’s Father or Paternal Guardian</td>
<td>all</td>
<td>not always provided by institution</td>
<td>question 1</td>
<td>Will be used to derive whether a student is 1st generation or not</td>
<td>text</td>
<td></td>
</tr>
</tbody>
</table>
P20 WIN ATTACHMENTS A & B – DATA ELEMENTS FOR QUERY BY IMPACTED AGENCY & PURPOSE CROSSWALK - DOL

Attachment A: Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are

Attachment B: Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element

P20 WIN Query Number: P20W_1806_2_0018

<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>Other Qualifier</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Initial</td>
<td>first initial on record</td>
<td>all</td>
<td>n/a</td>
<td>From wage Records for matching to DMV records</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last name</td>
<td>Last name on record</td>
<td>all</td>
<td>n/a</td>
<td>From Wage Records for matching to DMV records</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN</td>
<td>SSN on record</td>
<td>all</td>
<td>n/a</td>
<td>From wage records for matching to DOL records</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>year</td>
<td>year in which wages were obtained</td>
<td>all</td>
<td>n/a</td>
<td>question 1 on the first tab</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>quarter</td>
<td>quarter in which wages were obtained</td>
<td>all</td>
<td>n/a</td>
<td>question 1 on the first tab</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>wage</td>
<td>wages paid by employer in quarter</td>
<td>all</td>
<td>n/a</td>
<td>question 1 on the first tab</td>
<td>wage information is necessary to determine if an individual was working</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAICS Code</td>
<td>industry code of employer paying highest wage</td>
<td>all</td>
<td>n/a</td>
<td>question 1 on the first tab</td>
<td>industry information is necessary to determine relevance of workplace to training program</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

From DMV File

<table>
<thead>
<tr>
<th>Data Element Name</th>
<th>Definition</th>
<th>Code Set value to be included</th>
<th>Other Qualifier</th>
<th>Related Research / Policy Question</th>
<th>Explain how this element relates to the Research Question</th>
<th>Data Type</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>First name</td>
<td>first name on record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last name</td>
<td>Last name on record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSN</td>
<td>SSN on record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>date of birth</td>
<td>date of birth of record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>town of residence</td>
<td>town of residence on file for dmv record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gender</td>
<td>Gender on record</td>
<td>all</td>
<td>n/a</td>
<td>Matching to DOL &amp; SDE records</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>