

**Data Linking for Outcomes Assessment 2024-25**  
**(Professional-Technical follow-up based on UI data)**  
**as of 12/17/2024**

The **Data Linking for Outcomes Assessment** is a database containing data compiled on an annual basis to meet college and SBCTC needs of outcomes data related to employment and further education of college students. The DLOA includes data for completers and leavers of professional-technical, academic, worker retraining or apprenticeship programs that left the system during the 2022-23 academic year.

**Links to the National Clearinghouse**

In an effort to increase our ability to track students that attend institutions of higher education outside of the state of Washington, SBCTC has obtained access to the National Student Clearinghouse. The National Student Clearinghouse includes enrollment information on 98% of US college students.

Beginning with the DLOA\_A56 cohort, the transfer indicators include matches to the National Student Clearinghouse data.

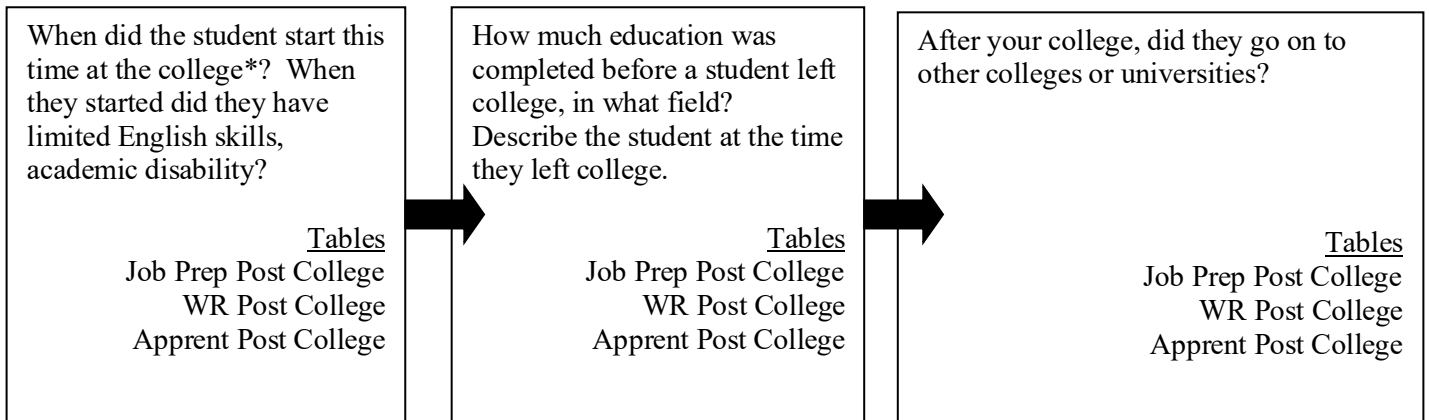
This linkage has resulted in a much richer data set enabling us to report on both where our students go as they leave our community and technical college system as well as where they have come from before entering our system. This opportunity has increased our overall ability to analyze the continuing educational status of our students as they progress, which is reflected in our reports and databases that you receive.

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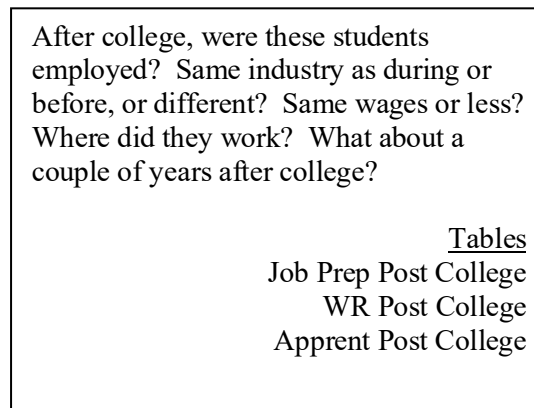
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## What Questions does this Data Address?

### Related to Education and Student Characteristics



### Related to Employment



### After College

**When does a student start college?** For the purpose of this analysis, a student may start at college several times in their life. The start of interest here is not more than seven years before leaving. For some students the start is the same quarter as the leaving quarter; for others it is the full seven years earlier. Note that enrollment in parent education or similar courses taken by the general public is not considered as the start of college.

### Which Students Are Included?

Students are included in the DLOA database only after they have not been enrolled anywhere in the system for at least one year, whether or not they obtained an award. Only those students with a valid social security number in their registration or completions records are included, since only those students have a possibility of matching to external databases. Students who re-enroll the following academic year as “lifelong learners” in classes such as parent education or industrial first aid, or who enroll in fewer than 10 state or contract credits are regarded as having left the college, and thus are considered exiters and included in the DLOA file.

**Not Included:** Students who continue in further training or students who transfer between two-year colleges are not included in the DLOA as they have not yet left the two-year system. Because International students do not have social security numbers and because they do not intend to work in the United States, they are not included in the

DLOA. Similarly, students who elect not to provide a social security number are excluded as those students do not have the possibility of matching to external databases.

DLOA is based on several subgroups of students. Students fit into these groups as follows:

<b>Group</b>	<b>Criteria</b>
VOC C23	<p>Completed a professional-technical program (Exit code 1-4, 9 or T). The Educational Program Code must be a valid code between 100 and 885 plus 909 to 966. (Essentially this means programs with a clear occupational area identified.)</p> <p>Did not complete a professional-technical program, but when last enrolled had a student intent F. Excluded dual enrollment and Department of Corrections students (where DUAL_ENROLL IN (1, 2, 3) or KIND_OF_ENROLLMENT = 38 during last year quarter enrolled). Students who transferred into a CTC baccalaureate program with Intent I in the following year are also included.</p>
APP C23	<p>Reported by LNI as having completed or canceled an apprenticeship program during 2022-23 and who enrolled in the SMIS system as a state-supported or contract-funded student at any time during the past four years Or those reported in the SMS system as having completed a federally approved apprenticeship program (Exit code 5).</p>
TRAN C23	<p>Completed an academic degree or no academic degree but Kind of Student = T when last enrolled. This means that some students with completed professional-technical degrees are included because their last Kind of Student was T. Students can be present in both the VOC and TRAN cohorts. Excluded Department of Corrections students (where KIND_OF_ENROLLMENT = 38 during last year quarter enrolled). Students who transferred into a CTC baccalaureate program with Intent I in the following year are also included.</p>
WR C23	<p>Designated as a Worker Retraining student (WORKER_RETRAINING = Y) within the last three years. These students were coded as Worker Retraining during the processing year, or the previous two years, and were not enrolled anywhere in the system in the following year. Students can be present in both the WR and VOC cohorts. Excluded dual enrollment and Department of Corrections students (where DUAL_ENROLL IN (1, 2, 3) or KIND_OF_ENROLLMENT = 38 during last year quarter enrolled). Students who transferred into a CTC baccalaureate program with Intent I in the following year are also included.</p>

## Confidentiality of Data

Records in these files are de-identified for the purpose of protecting the identity of each student. Even though the records are de-identified, special attention needs to be paid to the level of aggregation that is released for public consumption so that a reasonable person may not deduce the identity of the student.

The DLOA database will be made available to the colleges on the SBCTC FTP site only after the following confidentiality agreement is signed and returned to SBCTC. Any individual who will be working with the DLOA data is required to sign this form.

Please fax your signed form(s) to SBCTC Data Services, 360-704-4416 or email scanned forms to [dataservices@sbctc.edu](mailto:dataservices@sbctc.edu).

The form on the following page is the standard SBCTC confidentiality agreement. Even though the records in the DLOA dataset provided to your college are de-identified, we ask that you complete this form prior to obtaining the data and that you abide by the redaction policies stated within the Notice of Nondisclosure (Section 3, Part C).

## Notice of Nondisclosure

**1. CONFIDENTIALITY OF INDIVIDUALLY IDENTIFIABLE DATA**

- a. Individually identifiable Data are confidential and is protected by various state and federal laws (e.g. FERPA, at 20 USC 1232g and RCW 74.04.060).
- b. Confidential information includes all personal information (e.g. name, birth date, social security number), which may, in any manner, identify the individual.
- c. Confidential information includes all employer information (e.g. employer identifiers, employee wages, employee hours, SIC codes or NAIC codes), which may, in any manner, identify an individual employer.

**2. USE OF CONFIDENTIAL DATA**

- a. Confidential Data may be used for aggregated reporting purposes only.
- b. Any personal use of confidential information is strictly prohibited.
- c. Access to Data must be limited to those staff whose duties specifically require access to such Data in the performance of their assigned duties and who have signed and submitted a Notice of Nondisclosure from to the SBCTC.

**3. DISCLOSURE OF INFORMATION**

- a. Individually identifiable information may be provided to the individual or their representative with a signed release of information.
- b. Any disclosure of information contrary to “a” above is unauthorized and is subject to a civil penalty and other applicable sanctions under state and federal law.
- c. Publicly reported aggregated results will not contain any group of fewer than 10 students or for any group of fewer than three firms and a single employer cannot represent more than 80 percent of employment.

I have read and understand the above Notice of Nondisclosure of information.

Please sign in blue ink.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
E-mail Address

The above individual has been informed of their obligations including any limitations, use or publishing of confidential data.

\_\_\_\_\_  
Supervisor's/Authorizing Staff's Printed Name

\_\_\_\_\_  
Position

\_\_\_\_\_  
Supervisor's/Authorizing Staff's Signature

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Institution Name

\_\_\_\_\_  
E-mail address

## Data Tables and Elements

### Quick Files

“Quick Files” were designed to simplify query work by allowing comprehensive analysis of various time periods without the need to link to other databases. For any given time period, such as post college, Quick Files look only at employment in the third quarter after college, ignoring data on employment for other periods such as the first quarter after college or two years before college. They also contain several helpful calculated fields. The Quick File tables are below, organized by time period:

- **Job Prep Post College** (Entire VOC group with employment detail for those in the UI file three quarters after college)
- **Apprent Post College** (Entire APPRENT group with employment detail for those in the UI file three quarters after college)
- **WR Post College** (WR group with employment detail for those in the UI file three quarters after college)

## Common Data Standards

SBCTC staff and partners in other agencies have agreed upon the following common standards when reporting professional-technical outcomes:

- Post-training outcomes for the **3rd quarter** “after” training. Research indicates that most community and technical college graduates are able to move into the kinds of jobs consistent with their level of training by the 3<sup>rd</sup> quarter. Prior to that time, many are employed, but may be continuing in the employment they had while in college or in jobs that are not consistent with their level of training.
- Use the **median**<sup>1</sup> as the most meaningful measure of central tendency for hourly rates and quarterly earnings. To report median use the Median Form and run a query or table with the selected records where adjusted hourly rate is greater than 0. As can be seen in the graph, wage data fall in a skewed pattern, with most wages below \$15 an hour but some earning much more than that. For this reason, for community and technical college students the mean or average hourly rate tends to be about \$1 higher than the median. The median value is a much more accurate way to describe the “typical” rate. Note that quarterly hours worked are not as statistically “skewed” as earnings, however to keep to a common approach, report also the median.
- Describe **median hourly wages** and quarterly earnings in **inflation adjusted terms**. *The following dates and factors are used as an example (change as appropriate for the years to be reported on)*. When describing the outcomes of the 2022-23 cohort (January to March 2024 is the 3<sup>rd</sup> quarter for the majority of these students) report the earnings in January to March 2024 dollars. For ease of reference, report comparative historical data (the earnings of the 2002-03 group, for example) in the same 2024 dollars. The Data Linking files facilitate such reporting in that they include hourly rates and quarterly earnings adjusted to 2012. The DLOA tables are then adjusted again to the reporting year to reflect the most current view of the dollars. A lookup table (QUARTERLY\_FACTORS) provides the multiplier to translate the 2012 adjusted rates to the 1<sup>st</sup> quarter of 2024 (it is 1.224 - that is, multiply the adjusted hourly rate by 1.224 to report in 2024 dollars).
- Recognize that administrative records do **not currently provide a direct source for calculation of an employment rate**. The data linking with the UI wage files provides a rate for those employed in jobs covered by the unemployment insurance system. While this “in covered employment rate” is meaningful from a research perspective, it is not the same as an employment rate.
- Report the outcomes only for **groups that are sufficiently large** that the hourly rates and quarterly earnings are representative of the group, not individual behavior. If these outcomes are representative of a group, it is likely that they will be similar year to year. Therefore, they should not change radically in nature from year to year. Outcomes reported for programs with too small a number of students are highly likely to be radically different from year to year. Reporting such volatile data are not of value for program evaluation purposes or for consumer information. The **smallest group for which data should be reported is 25**. The data standards call for **aggregating several years’** data for a given program in an effort to meet the “sufficiently large” criteria. The Quick Files facilitates the aggregation of 4 years data for all programs.
- **Full-time** employment is defined as averaging 30 or more hours per week for the quarter.
- **Define a main employer based on earnings**. Individuals can work for more than one firm during a quarter. For purposes of outcomes assessment it is helpful to identify one of the employers as the main

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<sup>1</sup> Median: Half of former students earn more than the median and half earn less.



employer. The Data Linking for Outcomes Assessment identifies that employer based on the level of earnings for each employer. Hours worked and quarterly earnings are reported for all employers combined.

## Job Prep Post College Table

To look at job placement and wages for job preparatory students, one table in the Quick Files database is all that is needed. The Job Prep Post College table includes graduates, leavers and early leavers with their employment status the 3<sup>rd</sup> quarter after college. In addition to the Job Prep Post College table, the Quick Files database includes several standard reports and queries which can be used to access the most commonly requested information about former professional-technical students - placement and job quality (wages, industry and location.)

The Job Prep Post College table should NOT be used to specifically evaluate the outcomes of Worker Retraining, Transfer or Apprenticeship students. For analysis of those students, use Worker Retraining Post College, Apprent Post College, respectively. It includes:

- All professional-technical completers and leavers in the VOC C12 group.
- All professional-technical students in the group, whether or not they were found in UI employment after college.

To find the students with employment data in the 3<sup>rd</sup> quarter after, use the criteria of PLACEMENT\_STATUS = 1.

<b>Job Prep Post College Table</b>	
<b>Data Elements</b>	<b>Definition, Comments</b>
<p>Key fields – Each combination of DLOAKEY and COLLEGE occurs only once in this table.</p> <p>⇒ When linking to other tables such as the Groups, link on DLOAKEY, COLLEGE, LAST_YRQ and FIRST_YRQ</p>	
DW_KEY	Key field
COLLEGE	Key field
LAST_YRQ	Year/quarter of award or last year/quarter attended
FIRST_YRQ	First year/quarter attended within the last 7 years.
VOC_YEAR	C23 cohort
<b>Status at Exit (data from Groups Table)</b>	
CLVL_ATTEMPTED_CREDITS	The sum of all college-level credits enrolled from the transcript file. For most colleges transferred in credits are not included.
CLVL_EARNED_CREDITS	The sum of all college-level credits completed based on the transcript file. Students in competency based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
TOTAL_ATTEMPTED_CREDITS	The sum of the total credits enrolled from the transcript file. For most colleges transferred in credits are not included.
TOTAL_EARNED_CREDITS	The sum of the total credits completed based on the transcript file. Students in competency based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
VOC_ATTEMPTED_CREDITS	The sum of the professional-technical credits enrolled from the transcript file. For most colleges transferred in credits are not included.
VOC_EARNED_CREDITS	The sum of the professional-technical credits completed based on the transcript file. Students in competency based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
CUM_GPA	Actual student cumulative GPA.

### Job Prep Post College Table

Data Elements	Definition, Comments
CUM_VOC_GPA	Actual student cumulative GPA in professional-technical courses.
ENDING_CIP	CIP from the Completions table (based on the transcript file) for the professional-technical completion OR from the student table (Program CIP) for the last quarter enrolled if no degree or certificate awarded that year. Ending CIP can be linked to the CIP_GRP_WAGE table to obtain CIP titles or to obtain groupings by higher, middle and lower wage groups.
ENDING_EPC	The 3 or 4-character Educational Program Code or 10-character Peoplesoft ACAD_PLAN code from the Completions table OR from the student table for the last quarter enrolled if no degree or certificate awarded that year.
EXIT_CODE	<p>The type of award that the student received. A student may have multiple awards or exit codes during a particular quarter or year.</p> <p>Valid codes are:</p> <ul style="list-style-type: none"> <li>1<sup>1</sup> Workforce and General Studies Degree (Associate in Technical Arts and academic degree not designed for transfer)</li> <li>2 Certificate, &gt;= 90 credits</li> <li>3 Certificate, 45-89 credits</li> <li>4<sup>5</sup> Certificate, 20-44 credits</li> <li>9<sup>4</sup> Certificate, 1-19 credits</li> <li>A Associate in Science – Transfer, Track 1 (AS Degree)</li> <li>B Associate in Science – Transfer, Track 2 (AS Degree)</li> <li>C Associate in Arts – Transfer Non-DTA (local transfer agreement)</li> <li>D Associate in Arts – Transfer DTA</li> <li>E Associate in Elementary Education – DTA/MRP - eliminated Winter 2014</li> <li>F Associate in Business – DTA/MRP</li> <li>G Associate in Math Education – DTA/MRP</li> <li>H Associate in Physics Education – AS-T Track 2– eliminated Fall 2014</li> <li>I Associate in Chemistry Education – AS-T Track 1– eliminated Fall 2014</li> <li>J Associate in Biology Education – AS-T Track 1 – eliminated Fall 2014</li> <li>K Associate in General Science Education – AS-T Track 1– eliminated Fall 2014</li> <li>L Associate in Nursing – DTA/MRP– beginning Fall 2014</li> <li>M Associate in Technology – DTA/MRP</li> <li>N Associate in Pre-Nursing – DTA/MRP</li> <li>O Associate in Bioengineering and Chemical Engineering – AS-T/MRP</li> <li>P Associate in Computer Engineering and Electrical Engineering – AS-T/MRP</li> <li>Q Associate in Mechanical, Civil, Aeronautical, Industrial and Materials Science Engineering – AS-T/MRP</li> <li>R Associate in Biology DTA/MRP</li> <li>S Associate in Mechanical Engineering Technology – AS-T/MRP</li> <li>T Associate in Applied Science - T (AAS-T Degree)</li> <li>V Associate in Construction Management – DTA/MRP</li> <li>W Associate in Electronics Engineering Technology and Computer Engineering Technology – AS-T/MRP</li> <li>Y Associate in Music DTA/MRP</li> <li>Z Non-Credit Bearing Certificate (0 credits) – beginning Summer 2014</li> </ul> <p><sup>1</sup> Prior to 2003 transfer degrees were coded as Exit Code “1”. Transfer degrees with “DTA” in the title have been recoded to Exit Code “D”. Transfer degrees without “DTA” in the title are coded as Exit Code “1” and Program_CIP “240101. You can only separate transfer degrees within Exit Code “1” after 2001.</p> <p><sup>2</sup> As of summer quarter 2001-02, the Apprenticeship completers are no longer included in the data</p>

### Job Prep Post College Table

Data Elements	Definition, Comments
	<p>warehouse completions table.</p> <p><sup>3</sup> Colleges should not enter GED® completers. SBCTC matches the SSN's from the GED® database to the Data Warehouse and anyone who is enrolled in basic skills courses anytime in the past 2 years is processed and included in the Completions table.</p> <p><sup>4</sup> Prior to Summer 2014, the definition of Exit Code 9 was "Unique Program Completion or Non-credit occupational training completion". The intent was to recognize job-specific completions, particularly non-credit certification courses. The definition of Exit Code 9 changed to 1 to 19 credits in the Summer of 2014.</p> <p><sup>5</sup> Prior to Summer 2014, the definition of Exit Code 4 was a certificate under 45 credits.</p>
EXIT_STATUS	<p>A code derived from Exit Code and calculated based on credits earned in the transcript file. Indicates the educational attainment of program completers upon leaving the college. Valid codes are:</p> <p>0 Early Leaver: Less than 10 credits completed and no exit code, but 6 or more credits enrolled or 3 or more credits completed.</p> <p>1 Leaver: At least 10 credits, but less than 45 credits, or 200-900 clock hours (no exit code)</p> <p>2 Leaver: 45 credits or more, or more than 900 clock hours (no exit code)</p> <p>3 Degree completer (exit codes 1 and A-Y)</p> <p>4 Certificate completer (one or more years of training) (exit codes 2 and 3)</p> <p>5 Certificate completer (less than one year of training) (exit codes 4 and 9)</p> <p>9 Non-credit certificate (exit code Z)</p>
GRADDROP	<p>Summary of Exit Status. There is a lookup table in Quick Files with these codes defined. Link to the table to translate results into English.</p> <p>0 Early Leaver – all Exit Status 0 or 1 plus any exit status 2 students with less than 2.0 GPA</p> <p>1 45 credits or more (exit status 2) with 2.0 GPA (part of the prepared for work count, SBCTC regards as a completer)</p> <p>2 Certificate (exit status 4 and 5)</p> <p>3 Degree (exit status 3 )</p> <p>4 Non-credit certificate (exit code Z, exit status 9)</p> <p>NOTE: Completers are defined as those where GRADDROP &gt; 0.</p>
LMH	<p>CIP_GRP_WAGE aggregated to 3 levels</p> <p>1 Lower wage programs</p> <p>2 Middle wage programs</p> <p>3 Higher wage programs</p>
ENROLLED_IN_A_YEAR	<p>This data element indicates a student's enrollment status in the year after college. Some returned to the community and technical colleges system (taking less than 10 credits for the year or enrolling in student funded classes or classes like parent education). Others were enrolled at public or private institutions throughout the United States.</p> <p>1 Apprenticeship Program</p> <p>2 Private Career School</p> <p>3 Out-of-State 2YR</p> <p>4 WA 2YR Public</p> <p>5 Out-of-State 4YR</p> <p>6 WA 4YR Private</p>

**Job Prep Post College Table**

<b>Data Elements</b>	<b>Definition, Comments</b>
	7 WA 4YR Public Blank Did not transfer in the year after college
TRANSFERED_IN_A_YEAR	Many students do not transfer exactly within the 3rd quarter but do attend a four-year institution sometime in the year after college. This code provides a way to identify the college sector of all who transfer to a 4-year in the year after college. 5 Out-of-State 4YR 6 WA 4YR Private 7 WA 4YR Public
COLLEGE_SECTOR-AFTER	Regardless of whether the student is in the UI match (Placement_Status = 1) or not, this data element indicates their enrollment status 3 quarters after college (or in the fall quarter if the 3rd quarter would have been summer and not enrolled in summer). Some of those going to college had returned to the community and technical colleges system (taking less than 10 credits for the year or enrolling only in student funded classes or classes like parent education). Others were enrolled at public or private institutions throughout the United States. The codes are: Apprenticeship Program Private Career School Out-of-State 2YR WA 2YR Public Out-of-State 4YR WA 4YR Private WA 4YR Public
ctcBASTransfer	Y means transferred into a baccalaureate program in the CTC system (Intent I) in the following year. The DLOA B78 cohort is the first year these students were included.
<b>Employment data at 3rd Qtr After (from the UI data match)</b>	
CHANGE_OF_EMPLOYER_FLAG	Y means a change from the employer from prior quarter, N means same employer as prior quarter. Field is blank if no employer identification available or not in UI file.
INFLATION_ADJ_EARNINGS	Adjusted quarterly earnings from UI file * 1.224 (adjustment factor for first quarter of 2024). This assures that all dollar values are reported in 2024 dollars (inflation adjusted).
INFLATION_ADJ_EARNINGS_EST ANNUAL	Estimated annual earnings. This is based on the reported quarterly earnings times 4. Research shows that this estimate is very close to the actual annual earnings for a group of students, though not necessarily for each individual.
ANNUAL_EARNINGS_ADJ2012	Estimated annual earnings reported in the year 2012 dollars. This is based on the reported quarterly earnings times 4. Research shows that this estimate is very close to the actual annual earnings for a group of students, though not necessarily for each individual.
EMPLOYER_SIZE	The employer size at the time of the 3rd quarter after training (size changes over time). 0 employees (sole proprietor) 1-4 employees 5-9 employees 10-19 employees 20-49 employees 50-99 employees

**Job Prep Post College Table**

<b>Data Elements</b>	<b>Definition, Comments</b>
	100-249 employees 250-499 employees 500-999 employees 1000+ employees
EMPLOYMENT_ QUARTER	This is the calendar quarter as reported by the UI system. 1 = January, February, March 2 = April, May, June 3 = July, August, September 4 = October, November, December
EMPLOYMENT_ YEAR	This is the four digit calendar year reported as reported by the UI system.
EMPLOYER_ COUNTY_ STATE	The location of the former student's employment in the third quarter (Washington state county name). Washington firms located in multiple counties employ some of the students. In those cases the code is MULTIPLE COUNTIES. When calculating the % of students employed in a region, SBCTC leaves out of the calculation those employed in firms serving the multiple counties.
ESTIMATED_ HOURS_ PER_ WEEK	Hours in Raw File (total hours in the quarter) divided by 13 for an estimate of the hours worked per week.
FULL_ TIME_ STATUS	Y means worked approximately 30 hours or more a week. N means less than 30 hours a week on average.
PLACEMENT_ STATUS	1 In UI File at 3rd quarter after (UI file includes WA) 2 Not in UI File at 3rd quarter, but at a post-secondary institution in the 3rd quarter (or fall if summer would have been 3rd quarter and not enrolled in summer)* 3 Not in UI file or any post-secondary institution (may be self-employed, employed in other state, seeking work or out of the workforce)  * Placement_Status 2 may include students attending a WA 2 Yr Public college with less than 10 credits or exclusively enrolled in life-long learning.
PLACEMENT_ STATUS_ Q2	1 In UI File at 2nd quarter after (UI file includes WA or OR) 2 Not in UI File at 2nd quarter, but at a post-secondary institution in the 2nd quarter* 3 Not in UI file or any post-secondary institution (may be self-employed, employed in other state, seeking work or out of the workforce)  * Placement_Status 2 may include students attending a WA 2 Yr Public college with less than 10 credits or exclusively enrolled in life-long learning.
MAIN_ EMPLOYER	Scrambled code identifying a firm. The firm's identity and wage information is confidential. Even though it may be possible by looking at the NAICS code, size and location to identify a firm, it is not appropriate or ethical to use the data to identify specific firms.
MULTIPLE_ EMPLOYERS_ FLAG	Did the person work for more than one firm during the quarter? Y means they did work for more than one employer in the 3rd quarter. The NAICS code of only the main employer is provided. The wages, hours and earnings apply to all employers combined.

**Job Prep Post College Table**

<b>Data Elements</b>	<b>Definition, Comments</b>
NAICS	<p>North American Industry Classification System is a six digit code used for classifying business establishments. It was adopted in 1997 to replace the old Standard Industrial Classification (SIC) system. NAICS provides for newer industries and also reorganizes the categories on a production/process-oriented basis. For more information about NAICS and the difference between NAICS and SIC, visit the following Census website:  <a href="http://www.census.gov/epcd/www/naics.html">http://www.census.gov/epcd/www/naics.html</a></p>
NAICS_TITLE	<p>NAICS_Title: The title for the industry.</p>
NAICS_GROUP_TITLE	<p>SBCTC uses summary level categories of NAIC's based on a national coding system:</p> <ul style="list-style-type: none"> <li>Accommodation and Food Services</li> <li>Administrative and Support and Waste Management and Remediation Services</li> <li>Agriculture, Forestry, Fishing and Hunting</li> <li>Arts, Entertainment, and Recreation</li> <li>Construction</li> <li>Education Services</li> <li>Finance and Insurance</li> <li>Health Care and Social Assistance</li> <li>Information</li> <li>Management of Companies and Enterprises</li> <li>Manufacturing</li> <li>Mining</li> <li>Other Services (except Public Administration)</li> <li>Primary Metal Manufacturing</li> <li>Professional, Scientific, and Technical Services</li> <li>Public Administration</li> <li>Real Estate and Rental and Leasing</li> <li>Retail Trade</li> <li>Transportation and Warehousing</li> <li>Unclassified establishments</li> <li>Utilities</li> <li>Wholesale Trade</li> <li>Wood Product Manufacturing</li> </ul>
INFLATION_ADJ_WAGE	<p>2024 adjusted hourly rate: Adjusted Hourly wage * 1.224 (the adjustment factor for first quarter of 2024) for the 3rd quarter after college. Some students employed in the 3rd quarter do not have a wage value because missing data from employers preclude the calculation of a wage. Although extremely high wage rates (\$100 an hour, for example) are possible due to a bonus, commission, or unusually large tips during the quarter (hours remain the same, but reported earnings increase), completely unrealistic wage data have already been removed from the file. SBCTC always reports typical wage based on the median wage.</p>

## Student Characteristics (data from Demographics table)

**Job Prep Post College Table**

Data Elements	Definition, Comments
ACAD_DISAD_IND	A code that shows if a student is enrolled in a course for students that are academically disadvantaged, i.e., courses in the 32.XXXX or 33.XXXX (basic skills or developmental) CIP code series. Students are automatically coded if the SBCTC approves a course they are taking as serving academically disadvantaged students. Colleges may also enter this manually for students receiving tutoring. The valid codes are Y=Yes, N=No. Blanks are converted to N in the Warehouse.
AGE	The age of the student as of the first day of the year and quarter being reported. Age is calculated to the first day of the quarter (ZZ.ZZ format) to accommodate the calculation of median age and calculated to the nearest .25 to accommodate statistics compatible with the U.S. Census.
AGE_GRP_PRIMARY	A summary of age data broken into four groups. These groups are based on the Access INT function. That is, everyone age 20.0 to 29.9 is in Age Group Primary 2. 1 = Under 20                                  3 = 30-39 2 = 20-29    4 = 40 or above
AGE_GRP_SECONDARY	A summary of age data into 11 groups. These groups are based on the Access INT function. That is, everyone age 20.0 to 24.9 is in Age Group Secondary B. A = Under 20    G = 45-49 B = 20-24    H = 50-54 C = 25-29    I = 55-59 D = 30-34    J = 50-64 E = 35-39    K = 65 or above F = 40-44
CITZ_STAT	A code that indicates whether a student was a U.S. citizen, immigrant, refugee or living in the country on a visa. This is a required data element for State or Contract funding. The valid codes include all visa types.
CREDIT_LEVEL	This one-digit code indicates the level of cumulative college credits or hours earned before the last quarter of enrollment. The valid codes are: 0 First time, first year student (no cumulative college level hours) 1 All other first year students (greater than 0 hours but less than 900 cumulative hours or 45 credits in college level courses) 2 All other college-level students Blank Students who were previously enrolled exclusively in courses numbered under the 100 level.
BIRTH_DATE	This is the student date of birth in YY/MM/DD format.
DEGREE_SEEK	A one character code indicating if the student is seeking a degree or certificate based on the criteria used for IPEDS reporting <b>Students meeting ANY the following scenarios are flagged as degree seeking:</b> <ul style="list-style-type: none"> <li>• Intent = B, F, G, M AND Plan_Attend = 13, 14, 15</li> <li>• Intent = A AND Plan_Attend = 15</li> <li>• Intent = I</li> </ul>
DISABILITY	A code indicating whether a student was disabled or not as of their last quarter enrolled. Codes are Y = Yes and N = No. Blanks are converted to N in the Warehouse.
ECON_DISAD_IND	Indicates whether a student was economically disadvantaged, i.e., receiving financial aid in the last quarter of enrollment. This field is updated quarterly by the colleges from data in their Customer Accounts databases. Codes are Y = Yes and N = No. Blanks are converted to N in the Warehouse.
ETH_ORIG	This code represents the student's race or ethnic origin as derived from the Census Race



### Job Prep Post College Table

Data Elements	Definition, Comments																														
	<p>and Hispanic codes input at time of last registration.</p> <p>This data element has been replaced with RACE_CODE as of the 2005-06 reporting year (containing DLOA 2003-04 exiters).</p> <p>1 Asian/Pacific Islander            2 African American            3 Native American            4 Hispanic (can be of any race)            6 White            0 Other Race</p> <p>The SBCTC calculates the percent in each race group based on the total reporting ethnic code, excluding those with blanks.</p>																														
FAM_STAT	<p>Student's family status as reported to the college when the student first attended.</p> <p>11 = Single parent with children or other dependents            12 = Couple with children or other dependents            13 = Without children or other dependents            90 = Other            Null = Blank</p> <p>NOTE: When the SBCTC publishes reports related to this data element, the percents of total include only codes 11-90 (excludes nulls).</p>																														
FEE_PAY	<p>A code that identifies the level of tuition and fees paid in the last quarter enrolled. Since a student could take courses with different fee structures, and this table contains only a single code per student, it should be used with caution.</p> <p><b>The Fee Pay Status codes most frequently used by the SBCTC are:</b></p> <table style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Community College</th> <th style="text-align: left;">Technical College</th> </tr> </thead> <tbody> <tr> <td>Running Start</td> <td>54</td> <td>B6</td> </tr> <tr> <td>Apprentice</td> <td>91</td> <td>D7,D8,D9</td> </tr> <tr> <td>TRB Waiver</td> <td>58,59</td> <td>D5,D6</td> </tr> <tr> <td>Welfare</td> <td>60,61</td> <td>60,61</td> </tr> <tr> <td>Summer Self Support</td> <td>79</td> <td>none</td> </tr> <tr> <td>Excess Enrollment</td> <td>89</td> <td>none</td> </tr> <tr> <td>International contract</td> <td>35</td> <td>none</td> </tr> <tr> <td>High School Academies</td> <td>none</td> <td>B7,B8,B9</td> </tr> <tr> <td>Parent Ed (Not Early Childhood Education)</td> <td>95</td> <td>B1</td> </tr> </tbody> </table>	Type	Community College	Technical College	Running Start	54	B6	Apprentice	91	D7,D8,D9	TRB Waiver	58,59	D5,D6	Welfare	60,61	60,61	Summer Self Support	79	none	Excess Enrollment	89	none	International contract	35	none	High School Academies	none	B7,B8,B9	Parent Ed (Not Early Childhood Education)	95	B1
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FIRST_DISABILITY	Same as DISABILITY but for first quarter of enrollment.																														
FIRST_ECON_DISAD	Same as ECON_DISAD_IND but for first quarter of enrollment.																														
FIRST_FULL_PART_TIME_IND	Same as FULL_PART_TIME_IND but for first quarter of enrollment.																														
FIRST_KIND_OF_STUDENT	Same as KIND_OF_STUDENT but for first quarter of enrollment.																														
FIRST_LIM_ENGL_IND	Same as LIM_ENGL_IND but for first quarter of enrollment.																														

### Job Prep Post College Table

Data Elements	Definition, Comments
FORMER_BASIC_SKILLS	<p>If a student is enrolled in a basic skills course at ANY time, this indicator gets updated with a “Y”.</p> <p>(where the course CIP has a BASIC_SKILL_CAT = "ABE" or "HS" or "GED" or "ESL")</p>
FULL_PART_TIME_IND	<p>A one-character code to indicate whether a student is enrolled full-time (12 or more credits) or part-time (less than 12 credits).</p> <p><b>History:</b> The definition of full-time and part-time was modified in Summer, 2005. Prior to this quarter, full-time was based on 10 or more credits.</p> <p><b>Valid Codes:</b></p> <p>F Full-Time P Part-Time</p>
HI_SCHL_LAST_YR	<p>A two character code representing the last two digits of the last year that the student attended high school.</p>
HISPANIC	<p>A one-character field indicating whether the student self-reported themselves as having Hispanic ethnicity.</p> <p>Y Yes (Census_hisp_cd or Census_Race_Cd between 700 and 748) N No (Census_hisp_cd is blank or 998 or 999)</p>
INTENT	<p>A one-character code representing the student’s intent for enrolling as coded by the colleges. Colleges may have unique definitions for the remaining codes. The SBCTC uses Kind of Student and Planned Length of Attendance as a more meaningful way of capturing the student’s intent. This data element is collected each quarter the student is enrolled. This is a required data element for State or Contract funding.</p> <p><b>Source:</b> Collected from the student at time of Registration</p> <p><b>Examples of Use:</b> Code F is used to determine DLOA professional-technical cohorts, also used in Carl Perkins reporting. Intent Code A is used to define a degree-seeking student for IPEDS reporting.</p> <p><b>Valid Values:</b></p> <ul style="list-style-type: none"> <li>A Academic Non-Transfer Degree Program</li> <li>B Academic Transfer Program</li> <li>D Basic Education for Adults</li> <li>F Professional/Technical Program</li> <li>G Professional/Technical Program Applicant (preparatory coursework only)</li> <li>H Apprenticeship Program</li> <li>I Applied Baccalaureate Program</li> <li>J Upgrading Job Skills Courses</li> <li>L Non-Award Seeking Student</li> <li>M Multiple Programs</li> <li>W Exclusive Continuing Education</li> <li>Y None of the Above</li> </ul>
INTERNATIONAL_STUDENT	<p>A one-character field indicating whether the student is an international student. Derived during SBCTC Data Warehouse re-engineering based on FPS 35 or 67 or CITZ-STAT's A1, A2, A3, B1, B2, C1, C2, C3, D, E1, E2, E3, F1, F2, G1, G2, G3, G4, G5, H1, H2, H3, H4, I, J1, J2, K1, K2, L1, L2, M1, M2, O1, O2, O3, Q1, R, R2, U1, U2, U3</p> <p>Y Yes – international student N No – Not an international student</p>
KIND_OF_STUDENT	<p>A one-character field used to describe students by their purpose for attending.</p>

### Job Prep Post College Table

Data Elements	Definition, Comments										
	<p><b>Source:</b> Derived during SBCTC Data Warehouse re-engineering based on PURP_ATTND, INTENT and PROGRAM_CIP.</p> <p><b>Examples of Use:</b> This data element is used for Carl Perkins reporting and Transfer Rates.</p> <p><b>History:</b> Prior to Summer Quarter 1999, kind_of_student "B" was based on the data element BASIC_SKILL = "1" or "2". Prior to Winter Quarter 2003, kind_of_student "B" was based on enrollments in basic skills courses only. (INSTIT_CATEGORY_INDICATOR like "0?01?")</p> <p><b>Valid Values:</b></p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Cd</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>T</td> <td>Transfer (either of the following):                             <ul style="list-style-type: none"> <li>• PURP_ATTND = "12"</li> <li>• PURP_ATTND = "90" or blank <u>AND</u> INTENT = "B"</li> </ul> </td> </tr> <tr> <td>W</td> <td>Workforce Training (either of the following):                             <ul style="list-style-type: none"> <li>• PURP_ATTND = "11" or "14"</li> <li>• PURP_ATTND = "90" or blank <u>AND</u> INTENT = "F", "G", "H", "I", "J"</li> <li>• INTENT = "M" or "I"</li> </ul> </td> </tr> <tr> <td>B</td> <td>Basic Skills (either of the following):                             <ul style="list-style-type: none"> <li>• PURP_ATTND = "13"</li> <li>• INSTIT_CATEGORY_INDICATOR like "0?01?".</li> </ul> <p><i>Students taking ABE/ESL with a transfer or workforce goal are not counted here. To get counts of all basic skills students, use Institutional Intent Category Indicator.</i></p> </td> </tr> <tr> <td>Z</td> <td>Other--students that do not meet the definitions above.</td> </tr> </tbody> </table>	Cd	Description	T	Transfer (either of the following): <ul style="list-style-type: none"> <li>• PURP_ATTND = "12"</li> <li>• PURP_ATTND = "90" or blank <u>AND</u> INTENT = "B"</li> </ul>	W	Workforce Training (either of the following): <ul style="list-style-type: none"> <li>• PURP_ATTND = "11" or "14"</li> <li>• PURP_ATTND = "90" or blank <u>AND</u> INTENT = "F", "G", "H", "I", "J"</li> <li>• INTENT = "M" or "I"</li> </ul>	B	Basic Skills (either of the following): <ul style="list-style-type: none"> <li>• PURP_ATTND = "13"</li> <li>• INSTIT_CATEGORY_INDICATOR like "0?01?".</li> </ul> <p><i>Students taking ABE/ESL with a transfer or workforce goal are not counted here. To get counts of all basic skills students, use Institutional Intent Category Indicator.</i></p>	Z	Other--students that do not meet the definitions above.
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Z	Other--students that do not meet the definitions above.										
LIM_ENGL_IND	<p>A one-character code that tells whether a student was enrolled in an ESL course during the current year. Students who enrolled in ESL in prior years, but not in the current year would be coded N. This is a required data element for State or Contract funding. Blanks have been converted to N in the SBCTC Data Warehouse.</p> <p><b>Source:</b> Derived during quarterly MIS reporting to SBCTC based on the student's enrollments in ESL courses. This data element should be used with caution because it appears that not all classes with ESL CIP codes are getting flagged as LIM_ENGL courses. Instead, courses get flagged as being taught for limited English proficiency by the college when they first create the course in the Course Submittal screen (CM5014).</p> <p><b>Examples of Use:</b> This data element is used for Carl Perkins reporting and ad hoc research.</p> <p><b>Valid Values:</b></p> <p style="margin-left: 40px;">Y    Yes-- student took at least one ESL course</p> <p style="margin-left: 40px;">N    No-- student did not take any ESL courses</p>										
OF_COLOR	<p>Indicates whether the student is a student of color. There is a lookup table in the JobPrep QuikFile database (DLOA_JP.mdb) with these codes defined. Link to the table to translate results into English.</p> <table style="margin-left: 40px;"> <tr> <td style="padding-right: 20px;">1</td> <td>Of Color (RACE_ETHNIC_IND &lt;&gt; "000001")</td> </tr> <tr> <td>2</td> <td>White</td> </tr> </table>	1	Of Color (RACE_ETHNIC_IND <> "000001")	2	White						
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### Job Prep Post College Table

Data Elements	Definition, Comments														
PLAN_ATTND	<p>A two-character code representing a student's planned length of attendance. This data is most accurately collected in the first quarter a student attends. This is a required data element for State or Contract funding.</p> <p><b>Source:</b> Collected from the student at time of Admission and Registration. Codes 99 (no response) and XX (not required) are converted to null during Data Warehouse re-engineering.</p> <p><b>Examples of Use:</b> When the SBCTC publishes reports related to this data element, the percents of total are based only on codes 11-90 (excludes 99, XX, and blanks).</p> <p><b>Valid Values:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">11 One quarter</td> <td style="width: 50%;">15 Long enough to complete a degree</td> </tr> <tr> <td>12 Two quarters</td> <td>16 I don't know</td> </tr> <tr> <td>13 One year</td> <td>90 Other</td> </tr> <tr> <td>14 Up to two years, no degree planned</td> <td>Null Blank</td> </tr> </table>	11 One quarter	15 Long enough to complete a degree	12 Two quarters	16 I don't know	13 One year	90 Other	14 Up to two years, no degree planned	Null Blank						
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PLAN_WORK	<p>A two-character field representing a student's training related to work. This data element was required only between 1990-92. Since that time some colleges continue to collect this data, while others use this field to collect other types of data.</p>														
PRIOR_EDUC	<p>A two-character code representing the student's Prior Education. This is a required data element for State, Contract or Short Contract funding.</p> <p><b>Source:</b> Collected from the student at time of Admission and Registration. Codes 99 (no response) and XX (not required) are converted to null during Data Warehouse re-engineering.</p> <p><b>Examples of Use:</b> When the SBCTC publishes reports related to this data element, the percents of total include only codes 11-90 (excludes 99, XX, and blanks). It is used for Carl Perkins reporting and Very Recent High School Grad enrollment reporting.</p> <p><b>Valid Values:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">10 Less than 9th Grade</td> <td style="width: 50%;">16 Associate Degree</td> </tr> <tr> <td>11 Less than high school graduation</td> <td>17 Bachelor's degree or above</td> </tr> <tr> <td>12 GED</td> <td>83** Tech Prep</td> </tr> <tr> <td>13 High school graduate</td> <td>90 Other</td> </tr> <tr> <td>14 Some post high school, no degree or certificate</td> <td>Null Blank</td> </tr> <tr> <td>15 Certificate (less than two years)</td> <td></td> </tr> </table>	10 Less than 9th Grade	16 Associate Degree	11 Less than high school graduation	17 Bachelor's degree or above	12 GED	83** Tech Prep	13 High school graduate	90 Other	14 Some post high school, no degree or certificate	Null Blank	15 Certificate (less than two years)			
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PURP_ATTND	<p>A two-digit code describing the student's purpose for attending. Colleges began to collect in Fall 1990. Coding quality varied in that year. This is a required data element for State, Contract or Short Contract funding.</p> <p><b>Source:</b> Collected from the student at time of Admission and Registration. Codes 99 (no response) and XX (not required) are converted to null during Data Warehouse re-engineering.</p> <p><b>Valid Values:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">11 Take courses related to current or future work</td> <td style="width: 50%;"></td> </tr> <tr> <td>12 Transfer to a four-year college</td> <td></td> </tr> <tr> <td>13 High school diploma or GED certificate</td> <td></td> </tr> <tr> <td>14 Explore career direction</td> <td></td> </tr> <tr> <td>15 Personal enrichment</td> <td></td> </tr> <tr> <td>90 Other</td> <td></td> </tr> <tr> <td>Null Blank</td> <td></td> </tr> </table>	11 Take courses related to current or future work		12 Transfer to a four-year college		13 High school diploma or GED certificate		14 Explore career direction		15 Personal enrichment		90 Other		Null Blank	
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RACE_CODE	<p>A one-character code representing the student's race or ethnic origin.</p> <p><b>Source:</b> Derived during the quarterly Data Warehouse re-engineering process based on the</p>														

### Job Prep Post College Table

Data Elements	Definition, Comments																																				
	<p>census_race_cd, census_race_cd2 and census_hisp_cd collected from the student at time of Admission and Registration.</p> <p><b>History:</b> This data element replaced ETH_ORIG in A341. Prior to Summer Quarter, 2005, Hispanic was based on Census Race 1 where the value was between 700 and 748. The data element was updated retroactively for AYR's A01 through A23. Starting Summer Quarter, 2006, the Alaska Native census race ranges was broadened to include codes 935-970.</p> <p><b>Valid Values:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Race Code</u></th> <th style="text-align: left;"><u>Census Race 1</u></th> <th style="text-align: left;"><u>Census Race 2</u></th> </tr> </thead> <tbody> <tr> <td>1 Asian</td> <td>600-652</td> <td>998 or 999 or Null</td> </tr> <tr> <td>2 Black/African American</td> <td>870-913</td> <td>998 or 999 or Null</td> </tr> <tr> <td>3 American Indian</td> <td>000-014, 016-599</td> <td>998 or 999 or Null</td> </tr> <tr> <td>4 Hispanic</td> <td>700-742</td> <td>700-742</td> </tr> <tr> <td>5 Pacific Islander</td> <td>681</td> <td>998 or 999 or Null</td> </tr> <tr> <td>6 White</td> <td>800-839</td> <td>998 or 999 or Null</td> </tr> <tr> <td>7 Native Hawaiian or Other Pacific Islander</td> <td>653-680</td> <td>998 or 999 or Null</td> </tr> <tr> <td>8 Alaska Native</td> <td>015, 935-970</td> <td>998 or 999 or Null</td> </tr> <tr> <td>9 Multi-Racial</td> <td>Not null and Not 998 or 999</td> <td>Not Null and Not 998 or 999 and Not equal to Census Race 1</td> </tr> <tr> <td>0 Other Race</td> <td>750-799, 995,996</td> <td>998 or 999 or Null</td> </tr> <tr> <td>Null Not Reported</td> <td>Null, 998 or 999</td> <td>Null, 998 or 999</td> </tr> </tbody> </table>	<u>Race Code</u>	<u>Census Race 1</u>	<u>Census Race 2</u>	1 Asian	600-652	998 or 999 or Null	2 Black/African American	870-913	998 or 999 or Null	3 American Indian	000-014, 016-599	998 or 999 or Null	4 Hispanic	700-742	700-742	5 Pacific Islander	681	998 or 999 or Null	6 White	800-839	998 or 999 or Null	7 Native Hawaiian or Other Pacific Islander	653-680	998 or 999 or Null	8 Alaska Native	015, 935-970	998 or 999 or Null	9 Multi-Racial	Not null and Not 998 or 999	Not Null and Not 998 or 999 and Not equal to Census Race 1	0 Other Race	750-799, 995,996	998 or 999 or Null	Null Not Reported	Null, 998 or 999	Null, 998 or 999
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RACE_ETHNIC_CODE	<p>A data element representing a single prioritized race and ethnic origin code per student.</p> <p><b>Source:</b> Derived during the quarterly Data Warehouse re-engineering process based on the RACE_ETHNIC_IND2 data element.</p> <p><b>History:</b> This data element was added in Summer Quarter, 2006 and retroactively populated back to Summer Quarter 2000. As of Fall 2018 the definition was revised to be derived from Race_Ethnic_Ind2 instead of Race_Ethnic_Ind and to remove International_Student as its own category. This change was retroactively updated back to Summer 2000.</p> <p><b>Valid Values:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Race_Ethnic_Ind2</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1000000 - Asian Only</td> </tr> <tr> <td>2</td> <td>0100000 - Black/African American only</td> </tr> <tr> <td>3</td> <td>0010000 - Native American (American Indian or Alaskan Native) only</td> </tr> <tr> <td>4</td> <td>0001000 - Hispanic only</td> </tr> <tr> <td>5</td> <td>0000100 or any instance where more than 1 indicator is set – Multiracial or Other Race</td> </tr> <tr> <td>6</td> <td>0000010 - White only</td> </tr> <tr> <td>7</td> <td>0000001 - Pacific Islander only</td> </tr> <tr> <td>Null</td> <td>Blank - Unknown</td> </tr> </tbody> </table>	Code	Race_Ethnic_Ind2	1	1000000 - Asian Only	2	0100000 - Black/African American only	3	0010000 - Native American (American Indian or Alaskan Native) only	4	0001000 - Hispanic only	5	0000100 or any instance where more than 1 indicator is set – Multiracial or Other Race	6	0000010 - White only	7	0000001 - Pacific Islander only	Null	Blank - Unknown																		
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RACE_ETHNIC_IND	<p>A six-digit indicator that represents each of the possible race/ethnic categories. Each of the six digits is an “on/off” switch.</p> <p><b>Source:</b> Derived during the quarterly Data Warehouse re-engineering process based on the CENSUS_RACE_CD, CENSUS_RACE_CD2, HISPANIC data elements.</p>																																				

### Job Prep Post College Table

Data Elements	Definition, Comments																																								
	<p><b>History:</b> This data element was added in Summer Quarter 2006 and retroactively populated back to Summer Quarter 2000. As of Spring 2018 the definition was revised to no longer exclude International Students or race categories reported by Hispanic Students. This change was retroactively updated back to Summer 2000.</p> <p><b>Valid Values:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="text-align: center;">Byte</th> <th style="text-align: left;">Description</th> <th style="text-align: center;">Census-Race-Cd or Census-Race-CD2</th> <th style="text-align: center;">PeopleSoft ETHNIC_GROUP values</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Asian/Pacific Islander (including Hawaiian)</td> <td style="text-align: center;">600-699 or 976-985</td> <td style="text-align: center;">4, 7</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Black/African American</td> <td style="text-align: center;">870-934</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Native American (American Indian or Alaskan Native)</td> <td style="text-align: center;">000-599, 935-970</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Hispanic</td> <td style="text-align: center;">Hispanic = Y</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Other (this byte only gets set to "on" if it meets the census-race-cd criteria <b>and</b> all other bytes are set to "off")</td> <td style="text-align: center;">750-799, 995-996</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">6</td> <td>White</td> <td style="text-align: center;">800-869</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Null</td> <td>Unknown</td> <td style="text-align: center;">998-999 or not provided</td> <td></td> </tr> </tbody> </table>	Byte	Description	Census-Race-Cd or Census-Race-CD2	PeopleSoft ETHNIC_GROUP values	1	Asian/Pacific Islander (including Hawaiian)	600-699 or 976-985	4, 7	2	Black/African American	870-934	2	3	Native American (American Indian or Alaskan Native)	000-599, 935-970	5	4	Hispanic	Hispanic = Y	3	5	Other (this byte only gets set to "on" if it meets the census-race-cd criteria <b>and</b> all other bytes are set to "off")	750-799, 995-996	N/A	6	White	800-869	1	Null	Unknown	998-999 or not provided									
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RESIDENCE_COUNTY	<p>A two-digit code reflecting the county of residence. Populated for instate residents only.</p> <p><b>Source:</b> Derived during SBCTC Data Warehouse re-engineering based on the student's ZIP Code.</p> <p><b>Valid Values:</b></p> <table style="width: 100%;"> <tbody> <tr><td style="width: 50%;">01 Adams County</td><td style="width: 50%;">21 Lewis County</td></tr> <tr><td>02 Asotin County</td><td>22 Lincoln County</td></tr> <tr><td>03 Benton County</td><td>23 Mason County</td></tr> <tr><td>04 Chelan County</td><td>24 Okanogan County</td></tr> <tr><td>05 Clallam County</td><td>25 Pacific County</td></tr> <tr><td>06 Clark County</td><td>26 Pend Oreille County</td></tr> <tr><td>07 Columbia County</td><td>27 Pierce county</td></tr> <tr><td>08 Cowlitz County</td><td>28 San Juan County</td></tr> <tr><td>09 Douglas County</td><td>29 Skagit County</td></tr> <tr><td>10 Ferry County</td><td>30 Skamania County</td></tr> <tr><td>11 Franklin County</td><td>31 Snohomish County</td></tr> <tr><td>12 Garfield County</td><td>32 Spokane County</td></tr> <tr><td>13 Grant County</td><td>33 Stevens County</td></tr> <tr><td>14 Grays Harbor County</td><td>34 Thurston County</td></tr> <tr><td>15 Island County</td><td>35 Wahkiakum County</td></tr> <tr><td>16 Jefferson County</td><td>36 Walla Walla County</td></tr> <tr><td>17 King County</td><td>37 Whatcom County</td></tr> <tr><td>18 Kitsap County</td><td>38 Whitman County</td></tr> <tr><td>19 Kittitas County</td><td>39 Yakima County</td></tr> <tr><td>20 Klickitat County</td><td></td></tr> </tbody> </table>	01 Adams County	21 Lewis County	02 Asotin County	22 Lincoln County	03 Benton County	23 Mason County	04 Chelan County	24 Okanogan County	05 Clallam County	25 Pacific County	06 Clark County	26 Pend Oreille County	07 Columbia County	27 Pierce county	08 Cowlitz County	28 San Juan County	09 Douglas County	29 Skagit County	10 Ferry County	30 Skamania County	11 Franklin County	31 Snohomish County	12 Garfield County	32 Spokane County	13 Grant County	33 Stevens County	14 Grays Harbor County	34 Thurston County	15 Island County	35 Wahkiakum County	16 Jefferson County	36 Walla Walla County	17 King County	37 Whatcom County	18 Kitsap County	38 Whitman County	19 Kittitas County	39 Yakima County	20 Klickitat County	
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RESIDENCE_ZIP	The nine character ZIP code from the student's address given at their last registration.																																								

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Data Elements	Definition, Comments																																							
SDA	<p>A two-digit code indicating the service area of the college the student is attending. Also known as WDC (workforce development council).</p> <p><b>Source:</b> Derived during SBCTC Data Warehouse re-engineering based on the college and county codes.</p> <p><b>History:</b> Prior to A891, Clark was included in SDA 07 only. As of A891, Clark is included in either SDA 07 or SDA 09 depending on the student county residence.</p> <p><b>Valid Values:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Code</th> <th style="text-align: center;">Service Area</th> <th style="text-align: center;">Colleges included</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td>Olympic</td> <td>Peninsula, Olympic</td> </tr> <tr> <td style="text-align: center;">02</td> <td>Pacific Mountain</td> <td>Grays Harbor, Centralia, South Puget Sound</td> </tr> <tr> <td style="text-align: center;">03</td> <td>Northwest Washington</td> <td>Whatcom, Bellingham, Skagit</td> </tr> <tr> <td style="text-align: center;">04</td> <td>Snohomish</td> <td>Everett, Edmonds</td> </tr> <tr> <td style="text-align: center;">05</td> <td>Seattle-King County</td> <td>Lake Washington, Shoreline, Seattle District, Highline, Bellevue, Green River, Renton, Cascadia</td> </tr> <tr> <td style="text-align: center;">06</td> <td>Tacoma-Pierce County</td> <td>Pierce, Tacoma, Bates, Clover Park</td> </tr> <tr> <td style="text-align: center;">07</td> <td>Southwest Washington</td> <td>Lower Columbia, Clark (Clark included if student county_cd not 30)</td> </tr> <tr> <td style="text-align: center;">08</td> <td>North Central Washington</td> <td>Wenatchee Valley, Big Bend</td> </tr> <tr> <td style="text-align: center;">09</td> <td>South Central (formerly Tri-County)</td> <td>Yakima Valley, Clark (Clark included if student county_cd = 30)</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Eastern Washington</td> <td>Walla Walla, Spokane District (Spokane District included if student county_cd = 01,10, 26, 33, or 38)</td> </tr> <tr> <td style="text-align: center;">11</td> <td>Benton-Franklin</td> <td>Columbia Basin</td> </tr> <tr> <td style="text-align: center;">12</td> <td>Spokane Area</td> <td>Spokane District (unless student is included in SDA 10)</td> </tr> </tbody> </table>	Code	Service Area	Colleges included	01	Olympic	Peninsula, Olympic	02	Pacific Mountain	Grays Harbor, Centralia, South Puget Sound	03	Northwest Washington	Whatcom, Bellingham, Skagit	04	Snohomish	Everett, Edmonds	05	Seattle-King County	Lake Washington, Shoreline, Seattle District, Highline, Bellevue, Green River, Renton, Cascadia	06	Tacoma-Pierce County	Pierce, Tacoma, Bates, Clover Park	07	Southwest Washington	Lower Columbia, Clark (Clark included if student county_cd not 30)	08	North Central Washington	Wenatchee Valley, Big Bend	09	South Central (formerly Tri-County)	Yakima Valley, Clark (Clark included if student county_cd = 30)	10	Eastern Washington	Walla Walla, Spokane District (Spokane District included if student county_cd = 01,10, 26, 33, or 38)	11	Benton-Franklin	Columbia Basin	12	Spokane Area	Spokane District (unless student is included in SDA 10)
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RUNNING_START_STAT US	<p>One digit field indicating the student's Running Start (RS) status in the quarter specified.</p> <p>Valid codes are:</p> <ul style="list-style-type: none"> <li>1 Currently enrolled as a RS student at the corresponding college</li> <li>2 Currently enrolled as a RS student at a different college</li> <li>3 Former RS student in the system</li> <li>Null No RS enrollments in the system</li> </ul>																																							
SEX	The valid codes are M for male, F for female, or blank for not reported.																																							
SOURCE	<p>A one-digit field indicating the enrollment status of the student.</p> <p><b>Source:</b> Derived during quarterly MIS reporting to SBCTC based on the student's biographic record (STU-D) and enrollment record (STU-YRQ-M) for the quarter.</p> <p><b>Examples of Use:</b> This data element is used for reporting new admission enrollments to OFM, Health Limitations reporting, University of Washington Mobility report, Transfer Between Colleges pivot tables, and Very Recent High School Grad reports.</p> <p><b>Valid Values:</b></p> <ul style="list-style-type: none"> <li>1 Continuing Student: A student who attended this college the previous (the student has a record in the SM STU-YRQ-M table for the previous quarter - for Fall the previous quarter is Summer or Spring).</li> <li>2 Transfer Student: A student who is attending this college for the first time and has previously attended another college (PREV_COL code is not blank).</li> </ul>																																							

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	<p>3 Former Student: A student who attended this college sometime in the past, but not the previous quarter. (the student has a record in the SM STU-YRQ-M table for a quarter other than the previous quarter - for Fall the previous quarter is Summer or Spring).</p> <p>4 New Student: A student who has never attended this or any other college (PREV_COL code is blank and YRQ_ACT_STRT is equal to the quarter being reported).</p> <p><b>Note:</b> Some students with credits from other colleges are coded as SOURCE=4 because the prior college code is blank. PRIOR_EDUC can be used in combination with this code to distinguish the real transfer students. It is also useful to look at the previous college code for the last quarter for which a student is enrolled. It often reflects a college code while the first quarter coding (on which SOURCE is based) is blank. Running start students are coded only as NEW during their first term at the college. After they graduate from high school they are coded as source 1 or 3, even though they are now in college as a recent high school graduate.</p>																																		
TRAINING_LENGTH	Number of elapsed quarters between first enrollment and leaving or graduation. A student may not have enrolled for all the quarters in this span.																																		
VET_BENEFITS	<p>A one character code indicating the student's veteran status.</p> <p><b>Valid Values:</b></p> <table border="0"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr><td>A</td><td>Chapter 30 MGIB (Montgomery GI Bill)</td></tr> <tr><td>B</td><td>Chapter 31 VR&amp;E (Vocational Rehabilitation &amp; Employment Program)</td></tr> <tr><td>C</td><td>Chapter 32 VEAP (Veterans Educational Assistance Program)</td></tr> <tr><td>D</td><td>Chapter 33 Post 9/11 Veterans</td></tr> <tr><td>E</td><td>Chapter 33 Post 9/11 TOE (transfer of benefits to eligible dependents)</td></tr> <tr><td>F</td><td>Chapter 35 Eligible dependents of 100% disabled or deceased veterans</td></tr> <tr><td>G</td><td>Chapter 1606 MGIB Selected Reserve</td></tr> <tr><td>H</td><td>Chapter 1607 REAP (Reserve Educational Assistance Program)</td></tr> <tr><td>J</td><td>Active duty (including national guard/reserves) currently using military tuition assistance</td></tr> <tr><td>K</td><td>Active duty military students using military benefits</td></tr> <tr><td>L</td><td>Active duty military dependents using military benefits</td></tr> <tr><td>P</td><td>Parent College * (optional use)</td></tr> <tr><td>X</td><td>All other veterans receiving benefits not listed above</td></tr> <tr><td>V</td><td>Veterans Retraining Assistance Program (VRAP)</td></tr> <tr><td>Z</td><td>All other veterans not receiving benefits, including those who decline using their benefits</td></tr> <tr><td>0 (zero)</td><td>Not a veteran (optional use - All 0's will be set to blank in the Data Warehouse)</td></tr> </tbody> </table>	Code	Description	A	Chapter 30 MGIB (Montgomery GI Bill)	B	Chapter 31 VR&E (Vocational Rehabilitation & Employment Program)	C	Chapter 32 VEAP (Veterans Educational Assistance Program)	D	Chapter 33 Post 9/11 Veterans	E	Chapter 33 Post 9/11 TOE (transfer of benefits to eligible dependents)	F	Chapter 35 Eligible dependents of 100% disabled or deceased veterans	G	Chapter 1606 MGIB Selected Reserve	H	Chapter 1607 REAP (Reserve Educational Assistance Program)	J	Active duty (including national guard/reserves) currently using military tuition assistance	K	Active duty military students using military benefits	L	Active duty military dependents using military benefits	P	Parent College * (optional use)	X	All other veterans receiving benefits not listed above	V	Veterans Retraining Assistance Program (VRAP)	Z	All other veterans not receiving benefits, including those who decline using their benefits	0 (zero)	Not a veteran (optional use - All 0's will be set to blank in the Data Warehouse)
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WORK_ATTND	<p>A two-digit code describing the student's work status while enrolled. This is most accurately collected the first quarter a student enrolls. This is a required data element for State or Contract funding.</p> <p><b>Source:</b> Codes 11 thru 16 and 90 are collected from the student at time of Admission and Registration. All other codes are set by internal processes determined by the college. Codes 99 (no response) and XX (not required) have been converted to null (or blank) in the Warehouse.</p> <p><b>Examples of Use:</b> Worker Retraining students are those coded in the 80 series. (WORK_ATTND like "8?"). When the SBCTC publishes reports related to this data element, the percents of total include only codes 11-90 (excludes 99, XX, and blanks). WorkFirst students are those coded in the 70 series. (WORK_ATTND like "7?"). This data element is used for mostly for Worker Retraining and WorkFirst Training enrollment reporting.</p> <p><b>Valid Values:</b></p>																																		



**Job Prep Post College Table**

Data Elements	Definition, Comments
	11 Full-time homemaker
	12 Full-time employment (including self-employed/military)
	13 Part-time off-campus
	14 Part-time on-campus
	15 Not employed, but seeking employment
	16 Not employed, not seeking employment
	70 On TANF (Temp Assistance for Needy Families) at time of enrollment (not used after Summer Quarter 1999) – no longer used
	71 Not on TANF (Temp Assistance for Needy Families) but under 175% of poverty level (not used after Summer Quarter 1999) – no longer used
	72 Pre-employment on TANF (Temp Assistance for Needy Families) at time of enrollment (starting Fall Quarter 1999). – no longer used
	73 Pre-employment Not on TANF (Temp Assistance for Needy Families) at time of enrollment (starting Fall Quarter 1999). – no longer used
	74 Unemployed TANF (starting Summer Quarter 2002).
	75 Unemployed Low-Income Parent (starting Summer Quarter 2002).
	76 TANF High Wage/High Demand Training
	77 Employed TANF (starting Summer Quarter 2002).
	78 Employed Low-Income (starting Summer Quarter 2002).
	79 Attending for Family Literacy as Final Goal (starting Summer Quarter 2002).
	80 Long-Tenured Dislocated Worker Retraining (formerly HB 1988)
	81 Short-Tenured Dislocated Worker Retraining (formerly HB 1988)
	82 Others receiving UI benefits, Not Dislocated (formerly HB 1988)
	83 Displaced Homemaker
	84 Was Self-Employed
	85 Boeing Dislocated Workers
	86 Vulnerable Worker
	87 Disaster Impacted Workers
	88 Displaced Veterans
	90 Other
	Null Blank

### Job Prep Post College Table

Data Elements	Definition, Comments																
WORKER_RETRAINING	<p>A one-character field that indicates if the student is an SBCTC reportable Worker Retraining student.  <b>Source:</b> Derived during SBCTC Data Warehouse re-engineering process.  <b>Valid Values:</b>            Y Yes, the student is reported as Worker Retraining and passed the Edit Checks.            N No, the student is not reported as Worker Retraining student or did not pass the Edit Checks.  <b>History:</b> Added to the Data Warehouse Summer Quarter, 2003.</p> <p style="text-align: center;">~ <i>Criteria for SBCTC Worker Retraining</i> ~</p> <p>To be counted in the SBCTC Worker Retraining reports students must be in the college SMS system as follows:</p> <ul style="list-style-type: none"> <li>• State Funded</li> <li>• MIS Reportable</li> <li>• Work Attend [work_atnd] code of 80, 81, 82, 83, 84, 85, 86, 87 or 88</li> <li>• Is there a PS specific code that should be included?</li> </ul> <p>AND ONE of the following:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 5%;"></td> <td>Enrolled exclusively in courses with CIP codes in the 32.XXXX or 54.9999 or 98.0002 (Basic Skills or New Chance)</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled with the intent of completing a High School Diploma/GED Certificate with student intent code of “D”</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled as an apprentice with student intent code of “H” which requires a valid Educational Program Code (EPC) in the system</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled in job preparatory programs with student intent code of “F” or “G” which requires a college approved EPC</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled in baccalaureate programs with student intent code of “F” which requires a college approved EPC (the “F” intent will be updated to “I” in the SBCTC Data Warehouse)</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled in professional-technical home and family life programs with student intent code of “K” which requires a valid EPC in the system</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled in job upgrading with student intent code of “J” which requires a valid EPC in the system</td> </tr> <tr> <td style="text-align: center;">OR</td> <td>Enrolled in both a selective admissions workforce program and a transfer pathway with the student intent code of “M” requires a college approved EPC</td> </tr> </tbody> </table>		Enrolled exclusively in courses with CIP codes in the 32.XXXX or 54.9999 or 98.0002 (Basic Skills or New Chance)	OR	Enrolled with the intent of completing a High School Diploma/GED Certificate with student intent code of “D”	OR	Enrolled as an apprentice with student intent code of “H” which requires a valid Educational Program Code (EPC) in the system	OR	Enrolled in job preparatory programs with student intent code of “F” or “G” which requires a college approved EPC	OR	Enrolled in baccalaureate programs with student intent code of “F” which requires a college approved EPC (the “F” intent will be updated to “I” in the SBCTC Data Warehouse)	OR	Enrolled in professional-technical home and family life programs with student intent code of “K” which requires a valid EPC in the system	OR	Enrolled in job upgrading with student intent code of “J” which requires a valid EPC in the system	OR	Enrolled in both a selective admissions workforce program and a transfer pathway with the student intent code of “M” requires a college approved EPC
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**Job Prep Post College Table**

<b>Data Elements</b>	<b>Definition, Comments</b>
Q2 to Q4_Empl_Ind	<p>A one-character field that indicates if the student was employed in quarter 2 and retained in quarter 4 with the same employer.                      Source: Derived during SBCTC Data Warehouse re-engineering process.                      Valid Values:</p> <p>Y        Yes, the student was employed in quarter 2 and retained in quarter 4 with the same employer.</p> <p>NULL    No, the student was not employed in quarter 2 and didn't retain in quarter 4 with the same employer or the student was employed in quarter 2 but didn't retain in quarter 4 with the same employer.</p> <p>History: Added to the Data Warehouse Summer Quarter, 2024.</p>

## Apprent Post College Table

The Apprent Post College table can be used to look at job placement and wages for Apprenticeship students. This table includes Apprenticeship graduates and leavers with their employment status the 3<sup>rd</sup> quarter after college.

<b>Apprent Post College Table</b>	
All data elements are the same as Job Prep Post-College except the following:	
<b>Data Elements</b>	<b>Definitions, Comments</b>
EXIT_CODE	A code that describes the kind of award. Valid codes are: 5      Apprentice Completion
EXIT_STATUS	A code derived from Exit Code and calculated based on credits earned in the transcript file. Indicates the educational attainment of program completers upon leaving the college. Valid codes are:  0      Early Leaver: Less than 10 credits completed and no exit code, but 6 or more credits enrolled or 3 or more credits completed 1      Leaver: At least 10 credits, but less than 45 credits, or 200-900 clock hours (no exit code) 2      Leaver: 45 credits or more, or more than 900 clock hours (no exit code) 7      Apprentice completer (exit code 5)
GRADDROP	Summary of Exit Status: 0      Early Leaver – all exit status 0 or 1 plus any exit status 2      students with less than 2.0 GPA. 1      45 credits or more (exit status 2) with 2.0 GPA 4      Apprentice completer (exit status 7) NOTE: Completers are defined as those where GRADDROP > 0.
Q2 to Q4_Empl_Ind	A one-character field that indicates if the student was employed in quarter 2 and retained in quarter 4 with the same employer. Source: Derived during SBCTC Data Warehouse re-engineering process. Valid Values: Y      Yes, the student was employed in quarter 2 and retained in quarter 4 with the same employer  NULL   No, the student was not employed in quarter 2 and didn't retain in quarter 4 with the same employer or the student was employed in quarter 2 but didn't retain in quarter 4 with the same employer.  History: Added to the Data Warehouse Summer Quarter, 2024.

## WR Post College

This table allows for analysis of the post college situation for all Worker Retraining students whether their post college experience was to transfer in the year after college or work at the 3<sup>rd</sup> quarter after college or both. It also provides information on the credits and degrees, if any, completed at the time of leaving.

The Worker Retraining tables include all students who were enrolled at some point within a four year span as Worker Retraining (DATA WAREHOUSE STUDENT TABLE WORKER\_RETRAINING = Y) AND enrolled during the reporting year AND was not enrolled in the system in the following year.

WR Post College	
Data Elements	Definitions, Comments
<p><b>Key fields:</b> Each DLOAKEY and COLLEGE combination occurs only once in this table.            ⇒ When linking to other tables such as the Groups, link on DLOAKEY, COLLEGE, LAST_YRQ AND FIRST_YRQ.</p>	
DW_KEY	Key field
COLLEGE	Key field
LAST_YRQ	The C23 processing YRQ reflecting the max year/quarter the student was enrolled at that college, regardless of whether coded as Worker Retraining during that quarter or not. (Student was coded as a Worker Retraining student at some point, but may not be during LAST_YRQ. Refer to LAST_YRQ_WR for the last time a student was coded as Worker Retraining).
FIRST_YRQ	Based on the first year/quarter coded as a Worker Retraining student at that college.
LAST_YEAR	Based on the LAST_YRQ.
LAST_YRQ_WR	Based on the last year/quarter coded as a Worker Retraining student at that college.
LAST_COLLEGE_YRQ	Based on the last year/quarter enrolled at any college up through the processing year (student was coded as a Worker Retraining student at some point, but may not be during LAST_COLLEGE_YRQ).
LAST_COLLEGE	The college that the student was enrolled in during their LAST_COLLEGE_YRQ.
VALID_SSN	Indicates whether the student's social security number is valid or not. Only valid SSN's are sent to Employment Security for the data match. Codes are Y = Yes and N = No.
<b>Status at Exit (data from Groups Table)</b>	
CLVL_ATTEMPTED_CREDITS	The sum of the college-level credits enrolled from the transcript file. For most colleges transferred in credits are not included.
CLVL_EARNED_CREDITS	The sum of the college-level credits completed based on the transcript file. Students in competency-based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
TOTAL_ATTEMPTED_CREDITS	The sum of the total credits enrolled from the transcript file. For most colleges transferred in credits are not included.
TOTAL_EARNED_CREDITS	The sum of the total credits completed based on the transcript file. Students in competency-based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
VOC_ATTEMPTED_CREDITS	The sum of the professional-technical credits enrolled from the transcript file. For most colleges transferred in credits are not included.

<b>WR Post College</b>	
<b>Data Elements</b>	<b>Definitions, Comments</b>
VOC_EARNED_CREDITS	The sum of the professional-technical credits completed based on the transcript file. Students in competency-based programs can have more credits earned than enrolled. For most colleges transferred in credits are not included.
CUM_GPA	Cumulative GPA
CUM_VOC_GPA	Cumulative GPA in professional-technical courses
ENDING_CIP	CIP from the Completions table (based on the transcript file) for the professional-technical completion OR from the student table (Program CIP) for the last quarter enrolled if no degree or certificate awarded that year. Ending CIP can be linked to the CIP_GRP_WAGE table to obtain CIP titles or to obtain groupings by higher, middle and lower wage groups.
ENDING_EPC	The 3 or 4-character Educational Program Code or 10-character Peoplesoft ACAD_PLAN code from the Completions table OR from the student table for the last quarter enrolled if no degree or certificate awarded that year.
EXIT_CODE	<p>A code that describes the kind of award. Valid codes for Worker Retraining are:</p> <ul style="list-style-type: none"> <li>1 Workforce and General Studies Degree (Associate in Technical Arts and academic degree not designed for transfer)</li> <li>2 Certificate, &gt;= 90 credits</li> <li>3 Certificate, 45-89 credits</li> <li>4 Certificate, 20-44 credits</li> <li>5 Apprentice Completion</li> <li>9 Certificate, 1-19 credits</li> <li>A Associate in Science – Transfer, Track 1 (AS Degree)</li> <li>B Associate in Science – Transfer, Track 2 (AS Degree)</li> <li>C Associate in Arts – Transfer Non-DTA (local transfer agreement)</li> <li>D Associate in Arts – Transfer DTA</li> <li>E Associate in Elementary Education – DTA/MRP - eliminated Winter 2014</li> <li>F Associate in Business – DTA/MRP</li> <li>G Associate in Math Education – DTA/MRP</li> <li>H Associate in Physics Education – AS-T Track 2– eliminated Fall 2014</li> <li>I Associate in Chemistry Education – AS-T Track 1– eliminated Fall 2014</li> <li>J Associate in Biology Education – AS-T Track 1 – eliminated Fall 2014</li> <li>K Associate in General Science Education – AS-T Track 1– eliminated Fall 2014</li> <li>L Associate in Nursing – DTA/MRP– beginning Fall 2014</li> <li>M Associate in Technology – DTA/MRP</li> <li>N Associate in Pre-Nursing – DTA/MRP</li> <li>O Associate in Bioengineering and Chemical Engineering – AS-T/MRP</li> <li>P Associate in Computer Engineering and Electrical Engineering – AS-T/MRP</li> <li>Q Associate in Mechanical, Civil, Aeronautical, Industrial and Materials Science Engineering – AS-T/MRP</li> <li>R Associate in Biology DTA/MRP</li> <li>S Associate in Mechanical Engineering Technology – AS-T/MRP</li> <li>T Associate in Applied Science - T (AAS-T Degree)</li> <li>V Associate in Construction Management – DTA/MRP</li> <li>W Associate in Electronics Engineering Technology and Computer Engineering Technology – AS-T/MRP</li> <li>Y Associate in Music DTA/MRP</li> <li>Z Non-Credit Bearing Certificate (0 credits) – beginning Summer 2014</li> <li>1 Associate Degree (academic degrees are those with CIP 240101, professional-</li> </ul>

**WR Post College**

<b>Data Elements</b>	<b>Definitions, Comments</b>
	technical are those with an approved Professional-technical Educational Program Code)
2	Certificates of at least 90 credits or more, or 1,800 hours or more in length
3	Certificates of 45 to 89 credits, or 900 to 1,799 hours in length
4	Certificates of less than 45 credits, or 900 hours in length
5	Apprentice Completion
6	High School Completion
7	GED Certificate following enrollment in basic skills
9	Certificate, 1-19 credits
A	Associate of Science – Transfer, Track 1 (AS Degree)
B	Associate of Science – Transfer, Track 2 (AS Degree)
C	Associate in Arts – Transfer Non-DTA
D	Associate in Arts – Transfer DTA
E	Associate in Elementary Education – DTA
F	Associate in Business – DTA
G	Associate in Math Education -- DTA
H	Associate in Physics Education -- AS-T Track 2
I	Associate in Chemistry Education -- AS-T Track 1
J	Associate in Biology Education -- AS-T Track 1
K	Associate in Science Education – AS-T Track 1
T	Associate in Applied Science -- T (AAS-T Degree)
Y	Associate in Music DTA/MRP
Z	Non-Credit Bearing Certificate (0 credits) – beginning Summer 2014

EXIT_STATUS	<p>A code derived from Exit Code and calculated based on credits earned in the transcript file. Indicates the educational attainment of program completers upon leaving the college. Valid codes are:</p> <p>0 Early Leaver: Less than 10 college-level credits completed (no exit code)</p> <p>1 Leaver: At least 10 college-level credits, but less than 45 (no exit code)</p> <p>2 Leaver: 45 college-level credits or more (no exit code)</p> <p>3 Degree completer (exit codes 1 and A-Y)</p> <p>4 Certificate completer (one or more years of training) (exit codes 2 and 3)</p> <p>5 Certificate completer (less than one year of training) (exit codes 4 and 9)</p> <p>6 High School or GED completer (exit codes 6 and 7)</p> <p>7 Apprentice completer (exit code 5)</p> <p>9 Non-credit certificate (exit code Z)</p> <p>Null Still enrolled in the year after the processing year</p>
GRADDROP	<p>Summary of Exit Status. There is a lookup table in Quick Files with these codes defined. <a href="#">Link to the table to translate results into English.</a></p> <p>0 Early Leaver – all Exit Status 0 or 1 plus any exit status 2 students with less than 2.0 GPA.</p> <p>1 45 credits or more (exit status 2) with 2.0 GPA</p> <p>2 Certificate (exit status 4 and 5)</p> <p>3 Degree (exit status 3)</p> <p>4 Non-credit certificate (exit code Z, exit status 9)</p> <p>Null Still enrolled in the year after the processing year</p> <p>NOTE: Completers are defined as those where GRADDROP &gt; 0.</p>
LMH	<p>CIP_GRP_WAGE aggregated to 3 levels</p> <p>1 Lower wage programs</p> <p>2 Middle wage programs</p> <p>3 Higher wage programs</p>
ENROLLED_IN_A_YEAR	<p>A data element indicating a student’s enrollment status in the year after college. Some returned to the community and technical colleges system (taking less than 10 credits for the year or enrolling in student funded classes or classes like parent education). Others were enrolled at public or private institutions throughout the United States.</p> <p>1 Apprenticeship Program</p> <p>2 Private Career School</p> <p>3 Out-of-State 2YR</p> <p>4 WA 2YR Public</p> <p>5 Out-of-State 4YR</p> <p>6 WA 4YR Private</p> <p>7 WA 4YR Public</p> <p>Blank Did not transfer in the year after college</p>
TRANSFERED_IN_A_YEAR	<p>Many students do not transfer exactly within the 3<sup>rd</sup> quarter but do attend a four-year institution sometime in the year after college. This code provides a way to identify the college sector of all who transfer to a 4-year in the year after college.</p> <p>5 Out-of-State 4YR</p> <p>6 WA 4YR Private</p> <p>7 WA 4YR Public</p>
COLLEGE_SECTOR-	<p>Regardless of whether the student is in the UI match (Placement_Status = 1) or not, this</p>



AFTER	<p>data element indicates their enrollment status 3 quarters after college (or in the fall quarter is the 3<sup>rd</sup> quarter would have been summer and not enrolled in summer). Some of those going to college had returned to the community and technical colleges system (taking less than 10 credits for the year or enrolling only in student funded classes or classes like parent education). Others were enrolled at public or private institutions throughout the United States. The codes are:</p> <p style="padding-left: 40px;">Apprenticeship Program Private Career School Out-of-State 2YR WA 2YR Public Out-of-State 4YR WA 4YR Private WA 4YR Public</p>
ctcBASTransfer	Y means transferred into a baccalaureate program in the CTC system (Intent I) in the following year. The DLOA B78 cohort is the first year these students were included.
Q2 to Q4_Empl_Ind	<p>A one-character field that indicates if the student was employed in quarter 2 and retained in quarter 4 with the same employer. Source: Derived during SBCTC Data Warehouse re-engineering process. Valid Values:</p> <p style="padding-left: 40px;">Y        Yes, the student was employed in quarter 2 and retained in quarter 4 with the same employer.</p> <p style="padding-left: 40px;">NULL    No, the student was not employed in quarter 2 and didn't retain in quarter 4 with the same employer or the student was employed in quarter 2 but didn't retain in quarter 4 with the same employer.</p> <p>History: Added to the Data Warehouse Summer Quarter, 2024.</p>
<b>The rest of the file is the same as the Job Prep Post-College table.</b>	

### CIP Group Wage

**Purpose:** The CIP\_GRP\_WAGE table contains SBCTC's category system for grouping professional-technical CIPs. SBCTC uses these groupings for analysis. When linking to the CIP\_GRP\_WAGE table, remember to link on Ending\_CIP in the DLOA tables to CIP in the CIP\_GRP\_WAGE table.

Previous years' CIP\_GRP\_WAGE groupings can be found in the CIP.mdb lookup database, which is located on the WARP FTP Site: <ftp://WARP:WARP@ftp.sbctc.ctc.edu>.

<b>CIP_GRP_WAGE</b>	
<b>Data Elements</b>	<b>Definitions, Comments</b>
CIP	<b>Key field</b> -- Classification of Instructional Program – Link CIP to Ending_CIP in Quick Files and Raw files to use this table.

<b>CIP_GRP_WAGE</b>	
<b>Data Elements</b>	<b>Definitions, Comments</b>
CIP_TITLE	A common title used throughout the system. A particular college may use a somewhat different title for the specific program.
CIP_GRP_WAGE	This is the SBCTC category system of grouping and ranking professional-technical CIPs based on the wage records of exiting program completers from the prior five school years. CIP codes with less than 10 wage records from the prior five school years were grouped together with similar CIP codes before assigning a median wage value. "L??" is for lower wage programs (median wage less than \$15 an hour), "M??" is for middle wage programs (median wage between \$15 and \$22 an hour), "H??" is for higher wage programs (median wage at least \$22 an hour), and "X??" is for programs with no prior wage records.
CIP_GRP_WAGE_TITLE	Titles for CIP_GRP_WAGE categories from the SBCTC category system of grouping professional-technical CIPs. CIP_GRP_WAGE titles have not been updated to reflect the new category system based on recent wage records.
CIP_LMH	CIP_GRP_WAGE codes aggregated to 3 levels. 1 Lower wage programs (median wage less than \$15 an hour) 2 Middle wage programs (median wage between \$15 and \$22 an hour) 3 Higher wage programs (median wage at least \$22 an hour)
RANKING	This is used for prioritizing completions for those students who earn more than one degree in the same year. The ranking is based on median wages from the wage records of exiting program completers from the prior five school years.

## Other Items in the Database

- **CIP Codes** – This table includes all CIP codes and titles (as opposed to the “CIP\_GRP\_WAGE” table, which only includes professional-technical CIPs and their wage groupings).
- **GRADDROP** - This table is used as a lookup table to translate Graddrop into English for the Job Prep, Apprent and Transfer Quick Files
- **GRADDROP\_WR** - This version of the Graddrop lookup table is used solely with the WRT Quick Files
- **DLOA\_COUNTY**: This table translates main\_employer\_county (a numeric code) in Participant\_employment to English by linking to county.
- **QUARTERLY\_FACTORS**: Provides adjustment factor to translate adjusted hourly rates or quarterly earnings from 2012 to any time period before or after. Updated annually to reflect new inflation estimates. Use the table to translate adjusted to 2012 dollars into current year. Or use this table to adjust published data in inflation adjusted values back to 2012 dollars and then into a new current year value.
- **NAICS**: The North American Industry Classification System replaces the SIC system. NAICS uses a six digit hierarchical coding system to classify all economic activity into twenty industry sectors. This allows for greater coding flexibility than the four digit structure of the SIC. This table translates the NAICS codes into English (NAICS\_TITLE) and allows for groups of NAICS codes (NAICS\_GROUP\_TITLE).