

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

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

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

P20 WIN Query Number: [P20W_1707_235_0014](#)

CT State Colleges and Universities								
Required by DOL	Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
yes	Record Type	Record Type Identifier (default P20)	P20	CC, CSU, COSC	for record processing	for record processing	Character (3)	XXX
yes	Compilation Date	The date the data was compiled for the data request	n/a	CC, CSU, COSC	for record processing	for record processing	Character (10)	mm/dd/yyyy
yes	First Name	First Name of Student	n/a	CC, CSU, COSC	for record processing	for record processing between BOR data sets	Character	text
yes	Middle Name	Middle Name of student	n/a - where available	CC, CSU, COSC	for record processing	for record processing between BOR data sets	Character	text
yes	Last Name	Last Name of student	n/a	CC, CSU, COSC	for record processing	for record processing between BOR data sets	Character	text
yes	Fake ID	A generic alphanumeric number unique for each individual in the unit record file which has been generated specifically for the purpose of this data request that has no connection, derived or encrypted, to any other student identifier. However, the Fake IDs should identify the Participating Agency supplying the data. If an individual has received more than one credential then the same Fake ID is applied to each record for that individual. E.g. P20_CSU_0000001... or UCONN_ab1 - zz50000	n/a	CC, CSU, COSC	for record processing	for linking the analytical data sets to each other through the fake Id / group ID matrix	Character	TBD by Participating Agency
yes	Social Security Number	Social Security Administration Number of the student	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	needed for matching records between data sets at BOR and with DOL	Character (9)	999999999
yes	Gender	Gender of student	All	CC, CSU, COSC	Workforce outcomes of higher education students	This is demographic data, and the question required controlling for demographics.	Numeric	Integer (Male=1, Female=2, Unknown=9)
yes	Race / Ethnicity	1. Nonresident alien 2. Hispanic / Latino 3. American Indian or Alaskan Native 4. Asian 5. Black or African American 6. Native Hawaiian or Other Pacific Islander 7. White 8. Two or more races 9. Race and ethnicity unknown	All	CC, CSU, COSC	Workforce outcomes of higher education students	This is demographic data, and the question required controlling for demographics.	Numeric	1. Nonresident alien 2. Hispanic / Latino 3. American Indian or Alaskan Native 4. Asian 5. Black or African American 6. Native Hawaiian or Other Pacific Islander 7. White 8. Two or more races 9. Race and ethnicity unknown
yes	Permanent Town Tax Code	The Town Tax code in which the student was legally residing at the time of admission (http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf)	All	CC, CSU, COSC	Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Numeric	Integer
yes	Permanent State	The State in which the student was legally residing at the time of admission	All	CC, CSU, COSC	Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Character	text

CT State Colleges and Universities

Required by DOL	Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
yes	Permanent Town description	Town name based on Town Tax code	All	CC, CSU, COSC	Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Character	Text, as needed
no	Zip Code	Zip code	All	CC, CSU, COSC	Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Character	text
yes	Graduation Age	A derived field to show the students Age at time of graduation (Graduation Year - DOB)	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	employment may be impacted by the age of the student graduating	Numeric	Integer
yes	Year of Birth	The calendar year of the date of birth	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	employment may be impacted by the age of the student graduating. Including year of birth can assist with analysis.	Numeric	YYYY
yes	Institution Code	Common Abbreviation or code for the institution (e.g. ECSU, WCSU, CCSU, SCSU, AsCC, MaCC, MxCC, etc.)	All	CC, CSU, COSC	Workforce outcomes of higher education students	needed to disaggregate by institution	Character	Text, as needed
yes	Institution Name	Name of the Institution. Eg. Central State University, etc.,	All	CC, CSU, COSC	Workforce outcomes of higher education students	needed to disaggregate by institution	Character	Text, as needed
yes	Student Level	Student Level UG - Under Graduate GR - Graduate	All	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program (graduate or undergraduate)	Character	Text, as needed
yes	Participant Start Date	The date a student began the program of study from which they graduated. CSU - Provided as a date associated with the First_Semester_Term_Code, and calculated for those records which are blank using the average time to degree for others with the same credential from the same sector. CC - Provided as the census freeze date associated with the Catalog_Semester.	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	Program start dates are necessary to compare wage and employment date before, during and after program completion.	Character (10)	mm/dd/yyyy
yes	Graduation Date	The date a student graduates with a credential in an academic year.	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	Graduation dates are necessary to identify employment that occurred after graduation	Character (10)	mm/dd/yyyy
yes	CIP Code	The CIP code that applies to the major. The Classification of Instructional Program (CIP) codes are six-digit codes in the form xxxxxx that identifies instructional program specialties within educational institutions. http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55	All	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed

CT State Colleges and Universities

Required by DOL	Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
yes	CIP Description	Classification of Instructional Program Code	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
yes	Degree Code	Credential Received upon Graduation: Community College Unique Degree Code to identify the degrees offered. AS = Associate in Science CERT = Certificate AA = Associate in Arts 000000 = Undeclared AAS = Associate in Applied Science CSU Unique Degree Code to identify the degrees offered. AS BA DR MA POST-BA-CERT POST-MA-CERT	All	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
yes	Degree Code Description	The type of degree associated with Program.	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
yes	Academic Year	The academic year in which the completion was counted for IPEDS reporting.	n/a	CC, CSU, COSC	Workforce outcomes of higher education students	Needed to compare outcomes between graduates from different academic years	Character	YYYY-YYYY
no	Highest Education Level	The extent of formal instruction a person has received as reported on the student's transcript. 0 = No diploma or degree 1 = High School Diploma 2 = GED - Grad Equiv Diploma 3 = Associate Degree 4 = Bachelor Degree 5 = Masters Degree 6 = 6th Year Certificate 7 = Doctorate 8 = Certificate Program	As available	CC, CSU, COSC	Workforce outcomes of higher education students	to understand if employment outcomes vary for individuals who had completed prior academic credentials.	Numeric	Integer 0 = No diploma or degree 1 = High School Diploma 2 = GED - Grad Equiv Diploma 3 = Associate Degree 4 = Bachelor Degree 5 = Masters Degree 6 = 6th Year Certificate 7 = Doctorate 8 = Certificate Program
yes	Pell Recipient - ever	A Y/N flag indicating whether the individual has received any Pell funding at any point in time	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?	understanding whether the receipt of financial aid has an effect on employment, requires knowing whether an individual received financial aid	Character	text (1)

CT State Colleges and Universities

Required by DOL	Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
yes	Governors Recipient - ever	A Y/N flag indicating whether the individual has received a CT Governor's Scholarship of any type at any point in time.	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?		Character	text (1)
no	Governor's Need	A Y/N flag indicating whether the individual has received a CT Governor's Need based Scholarship of any type at any point in time.	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?		Character	text (1)
no	Governor's Merit	A Y/N flag indicating whether the individual has received a CT Governor's Meric based Scholarship of any type at any point in time.	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?		Character	text (1)
no	Work Study	A Y/N flag indicating whether the individual has received Work Study funding (federal, state or institution as available)	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?	Work Study is another form of financial aid that is important for evaluating the performance based funding money that was provided to CSCU institutions.	Character	text (1)
no	Effective date	Effective date of the student record	All	CC, CSU, COSC	Workforce outcomes of higher education students	Effective date is necessary for distinguishing sequence of student records when there are multiple rows of data	Character (10)	mm/dd/yyyy
no	NSC return field	a fake ID used to tie NSC data file to the other P20 WIN analytical files for this specific data request	All	CC, CSU, COSC	Workforce outcomes of higher education students	NSC data may be used to understand when individuals may have been both working and attending college. Many students work at the same time as they pursue their studies which may depress the level of wages earned.	Character	
no	NSC Transfer College Record Effective Date	Effective start date of the record as reported by the National Student Clearinghouse (NSC)	All	CC, CSU, COSC	Workforce outcomes of higher education students	The various NSC fields such as dates of enrollment, enrollment status, location of college, college sequence will be used to corroborate existing records to ensure a complete understanding of students education history as it corresponds with their workplace experience.	date	
no	NSCTransfer college Record Expiration Date	The end date of the record as reported by the National Student Clearinghouse (NSC)	All	CC, CSU, COSC	Workforce outcomes of higher education students		date	
no	NSC College Name - IPEDS	As presented in record from the National Student Clearinghouse (NSC), this is the Institution name used for IPEDS from the National Center for Education Statistics (NCES)	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC College Name - NSC	As presented in record from the National Student Clearinghouse (NSC), Institution name from the NSC	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC College Unit ID - FICE	IPEDS Unit ID for institutions as reported by the National Student Clearinghouse (NSC)	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	

CT State Colleges and Universities

Required by DOL	Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
no	NSC College State	Abbreviation for the state in which the college is located	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC College Type	2 year or 4 year	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC Enrollment - Begin Date	As presented in record from the National Student Clearinghouse (NSC), this is the start date of the student's enrollment in the institution.	All	CC, CSU, COSC	Workforce outcomes of higher education students		date	
no	NSC Enrollment - End Date	As presented in record from the National Student Clearinghouse (NSC), this is the end date of the student's enrollment in the institution.	All	CC, CSU, COSC	Workforce outcomes of higher education students		date	
no	NSC Enrollment Status	F = fulltime H = halftime L = less than halftime A = leave of absense Q = quarter time W = withdrawn D = deceased	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC Class Level	If available, the class level associated with the student as provided by the reporting college (e.g. F = freshman ... C = certificate, M = masters.. Etc. See NSC documentation for full list	All	CC, CSU, COSC	Workforce outcomes of higher education students			
no	NSC graduated	Y = yes, N = no	All	CC, CSU, COSC	Workforce outcomes of higher education students		character	
no	NSC graduation date	date reported for graduation	All	CC, CSU, COSC	Workforce outcomes of higher education students			
no	NSC College Sequence	A sequential order of each school that the student attended. The first record from the first school that the student attended will have a "1" in this field. The first record from the second school that the student attendd will have a "2" in this field.	All	CC, CSU, COSC	Workforce outcomes of higher education students		numeric	

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

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

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

P20 WIN Query Number: [P20W_1707_235_0014](#)

University of Connecticut							
Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
Record Type	Record Type Identifier (default P20)	P20		for record processing	for record processing	Character (3)	XXX
Compilation Date	The date the data was compiled for the data request	n/a		for record processing	for record processing	Character (10)	mm/dd/yyyy
Fake ID	A generic alphanumeric number unique for each individual in the unit record file which has been generated specifically for the purpose of this data request that has no connection, derived or encrypted, to any other student identifier. However, the Fake IDs should identify the Participating Agency supplying the data. If an individual has received more than one credential then the same Fake ID is applied to each record for that individual. E.g. P20_CSU_0000001... or UCONN_ab1 - zz50000	n/a	UCONN	for record processing	for linking the analytical data sets to each other through the fake Id / group ID matrix	Character	TBD by Participating Agency
Social Security Number	Social Security Administration Number of the student	n/a		Workforce outcomes of higher education students	needed for matching records between data sets at BOR and with DOL	Character (9)	999999999
Gender	Gender of student	All		Workforce outcomes of higher education students	This is demographic data, and the question required controlling for demographics.	Numeric	Integer (Male=1, Female=2, Unknown=9)
Race / Ethnicity	1. Nonresident alien 2. Hispanic / Latino 3. American Indian or Alaskan Native 4. Asian 5. Black or African American 6. Native Hawaiian or Other Pacific Islander 7. White 8. Two or more races 9. Race and ethnicity unknown	All		Workforce outcomes of higher education students	This is demographic data, and the question required controlling for demographics.	Numeric	1. Nonresident alien 2. Hispanic / Latino 3. American Indian or Alaskan Native 4. Asian 5. Black or African American 6. Native Hawaiian or Other Pacific Islander 7. White 8. Two or more races 9. Race and ethnicity unknown

University of Connecticut

Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
Permanent Town Tax Code	The Town Tax code in which the student was legally residing at the time of admission (http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf)	All		Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Numeric	Integer
Permanent State	The State in which the student was legally residing at the time of admission	All	CC, CSU, COSC	Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Character	text
Permanent Town description	Town name based on Town Tax code	All		Workforce outcomes of higher education students	Workforce outcomes are best understood by geographic areas both within CT and instate versus out-of-state.	Character	Text, as needed
Graduation Age	A derived field to show the students Age at time of graduation (Graduation Year - DOB)	n/a		Workforce outcomes of higher education students	employment may be impacted by the age of the student graduating	Numeric	Integer
Year of Birth	The calendar year of the date of birth	n/a		Workforce outcomes of higher education students	employment may be impacted by the age of the student graduating. Including year of birth can assist with analysis.	Numeric	YYYY
Institution Code	Common Abbreviation or code for the institution	All		Workforce outcomes of higher education students	needed to disaggregate by institution	Character	Text, as needed
Institution Name	Name of the Institution. Eg. Central State University, etc.,	All		Workforce outcomes of higher education students	needed to disaggregate by institution	Character	Text, as needed
Student Level	Student Level UG - Under Graduate GR - Graduate	All		Workforce outcomes of higher education students	needed to understand education program (graduate or undergraduate)	Character	Text, as needed
Participant Start Date	The date a student began the program of study from which they graduated.	n/a		Workforce outcomes of higher education students	Program start dates are necessary to compare wage and employment date before, during and after program completion.	Character (10)	mm/dd/yyyy
Graduation Date	The date a student graduates with a credential in an academic year.	n/a		Workforce outcomes of higher education students	Graduation dates are necessary to identify employment that occurred after graduation	Character (10)	mm/dd/yyyy

University of Connecticut

Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
CIP Code	The CIP code that applies to the major. The Classification of Instructional Program (CIP) codes are six-digit codes in the form xxxxxx that identifies instructional program specialties within educational institutions. http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55	All		Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
CIP Description	Classification of Instructional Program Code	n/a		Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
Degree Code	Credential Received upon Graduation: AS BA DR 1ST-PRO-CERT 1ST-PRO-DEGR MA POST-BA-CERT POST-MA-CERT POST-2ND-CERT1 POST-2ND-CERT2 POST-2ND-CERT3 NODEG	All		Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
Degree Code Description	The type of degree associated with Program.	n/a		Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
Academic Year	The academic year in which the completion was counted for IPEDS reporting.	n/a		Workforce outcomes of higher education students	Needed to compare outcomes between graduates from different academic years	Character	YYYY-YYYY

University of Connecticut

Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Format
Highest Education Level	The extent of formal instruction a person has received as reported on the student's transcript. 0 = No diploma or degree 1 = High School Diploma 2 = GED - Grad Equiv Diploma 3 = Associate Degree 4 = Bachelor Degree 5 = Masters Degree 6 = 6th Year Certificate 7 = Doctorate 8 = Certificate Program	All		Workforce outcomes of higher education students	to understand if employment outcomes vary for individuals who had completed prior academic credentials.	Numeric	Integer 0 = No diploma or degree 1 = High School Diploma 2 = GED - Grad Equiv Diploma 3 = Associate Degree 4 = Bachelor Degree 5 = Masters Degree 6 = 6th Year Certificate 7 = Doctorate 8 = Certificate Program
Pell Recipient - ever	A Y/N flag indicating whether the individual has received any Pell funding at any point in time	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?	understanding whether the receipt of financial aid has an effect on employment, requires knowing whether an individual received financial aid	Character	text (1)
Governors Recipient - ever	A Y/N flag indicating whether the individual has received a CT Governor's Scholarship of any type at any point in time.	Y/N	CC, CSU, COSC	Does the administration of financial aid support equality in postsecondary outcomes?	understanding whether the receipt of financial aid has an effect on employment, requires knowing whether an individual received financial aid	Character	text (1)
Effective date	Effective date of the student record	All		Workforce outcomes of higher education students	Effective date is necessary for distinguishing sequence of student records when there are multiple rows of data	Character (10)	mm/dd/yyyy

Attachment A: Provide the name of each element from each data source including elements needed to link data sets. Identify the values of each elements code sets that are necessary. Add as many rows as
Attachment B: Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per row. Add as many rows as
P20 WIN Query Number: [P20W_1707_235_0014](#)

CT Department of Labor					
Data Element Name	Definition	Code Set value to be included	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question
ssn	SSN of Employee	n/a		Workforce outcomes of higher education students	Used to create identify matches between data sets
LastName	Last Name of Employee	n/a		Workforce outcomes of higher education students	Used to create identify matches between data sets
FirstInit	First Initial of Employee	n/a		Workforce outcomes of higher education students	Used to create identify matches between data sets
UID	Unique database person ID necessary for linking wage records to Person table	n/a		Workforce outcomes of higher education students	Used to link tables of wage data
year	Year in which wages were obtained	n/a	2009 through 2015	Workforce outcomes of higher education students	Necessary to determine when an individual was employed
quarter	Quarter in which wages were obtained	n/a	all quarters up to most recent received in 2015	Workforce outcomes of higher education students	Necessary to determine when an individual was employed
wage	Wages paid by Employer in Quarter	n/a		Workforce outcomes of higher education students	Necessary to determine if individual was employed
NAICSCode	Industry Code of Employer Paying Highest Wage	All	2 and 6 digit levels	Workforce outcomes of higher education students	Necessary to understand the industry of employment and whether an individual changed industries

Question/Purpose for P20 WIN Data Request

P20 WIN Number: [P20W_1707_235_0014](#)

Item	Short explanation	Detailed explanation
1	wage and employment outcomes	<p>This data request will enable analysis of the degree to which students completing credentials from public postsecondary institutions in CT are working in Connecticut during the first few years after program completion. The analysis will examine employment rates and wages earned by students completing undergraduate and graduate public education programs by institution, by academic program and by degree level from 2009 through 2015 as data are available from source systems. Questions that could be addressed from this request include but are not limited to the following:</p> <ul style="list-style-type: none">- Are education programs helping minority students achieve employment and wage outcomes comparable to non-minority students?- Does the administration of financial aid support equality in postsecondary outcomes?- To what degree do education programs support employment in Connecticut? To what degree are students who are Connecticut residents finding employment in the state?- Is there an economic advantage to completing different degree types (e.g. certificate, Assoc., BA, MA, etc.)- Which education programs are most likely to provide a living wage after program completion?- Which education programs are effective at increasing wages for working adults?- Do education programs lead to similar levels of employment for students from all geographic regions in the state