

**Question/Purpose for P20 WIN Data Request**

P20 WIN Query Number: P20 WIN 1508\_3\_0006

Item	Short explanation	Detailed explanation
1	wage and employment outcomes	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.



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

<b>CT Department of Education</b>					
<b>Data Element Name</b>	<b>Definition</b>	<b>Code Set value to be included</b>	<b>Other Qualifier</b>	<b>Related Research / Policy Question</b>	<b>Explain how this element relates to the Research Qeustion</b>

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

**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

**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

**P20 WIN Query Number: P20 WIN 1508\_3\_0006**

CT Board of Regents for Higher Ed.							
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	CC, CSU, COSC	for record processing	for record processing	Character (3)	XXX
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
First Name	First Name of Student	n/a	CC, CSU, COSC	for record processing	for record processing between BOR data sets	Character	text
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
Last Name	Last Name of student	n/a	CC, CSU, COSC	for record processing	for record processing between BOR data sets	Character	text
<b>Social Security Number</b>	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
<b>Gender</b>	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)
<b>Race / Ethnicity</b>	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
<b>Permanent Town Tax Code</b>	The Town Tax code in which the student was legally residing at the time of admission ( <a href="http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf">http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf</a> )	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
<b>Permanent State</b>	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
<b>Permanent Town description</b>	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

**CT Board of Regents for Higher Ed.**

<b>Data Element Name</b>	<b>Definition</b>	<b>Code Set value to be included</b>	<b>Other Qualifier</b>	<b>Related Research / Policy Question</b>	<b>Explain how this element relates to the Research Question</b>	<b>Data Type</b>	<b>Format</b>
<b>Graduation Age</b>	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
<b>Year of Birth</b>	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
<b>Institution Abbreviation</b>	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
<b>Institution Name</b>	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
<b>Student Level</b>	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
<b>Participant Start Date</b>	The date a student began the program of study from which they graduated.  CSU - calculated. Use census date from 1st Term Semester.  CC - calculated. Use census date from 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
<b>Graduation Date</b>	The date a student graduates with a credential in an academic year.  <b>CC</b> Anticipated graduation date  <b>CSU</b> The date that the degree was awarded	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

**CT Board of Regents for Higher Ed.**

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
<b>CIP Code</b>	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. <a href="http://nces.ed.gov/ipeds/cipcode/default.aspx?y=55">http://nces.ed.gov/ipeds/cipcode/default.aspx?y=55</a>	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
<b>CIP Description</b>	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
<b>Degree Code</b>	Credential Received upon Graduation:  <b>Community College</b> 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  <b>CSU</b> Unique Degree Code to identify the degrees offered. 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	CC, CSU, COSC	Workforce outcomes of higher education students	needed to understand education program. Program information now on Graduation Table	Character	Text, as needed
<b>Degree Code Description</b>	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

**CT Board of Regents for Higher Ed.**

<b>Data Element Name</b>	<b>Definition</b>	<b>Code Set value to be included</b>	<b>Other Qualifier</b>	<b>Related Research / Policy Question</b>	<b>Explain how this element relates to the Research Question</b>	<b>Data Type</b>	<b>Format</b>
<b>Academic Year</b>	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
<b>Highest Education Level</b>	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	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
<b>Effective date</b>	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

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

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

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

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University of Connecticut							
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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
<b>Social Security Number</b>	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
<b>Gender</b>	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)
<b>Race / Ethnicity</b>	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
<b>Permanent Town Tax Code</b>	The Town Tax code in which the student was legally residing at the time of admission ( <a href="http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf">http://www.ct.gov/dmv/lib/dmv/CT_DMV_Tax_Town_Code_List.pdf</a> )	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



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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
<b>Permanent State</b>	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
<b>Permanent Town description</b>	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
<b>Graduation Age</b>	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
<b>Year of Birth</b>	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
<b>Institution Abbreviation</b>	Common Abbreviation or code for the institution	All		Workforce outcomes of higher education students	needed to disaggregate by institution	Character	Text, as needed
<b>Institution Name</b>	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
<b>Student Level</b>	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
<b>Participant Start Date</b>	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

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<b>Degree Code Descriptor</b>	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
<b>Academic Year</b>	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

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<b>Effective date</b>	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  
**P20 WIN Query Number:** [P20 WIN 1508\\_3\\_0006](#)

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
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
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
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
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