

Question/Purpose for P20 WIN Data Request [P20W\\_1712\\_5\\_0017](#)

Item	Short explanation	Detailed explanation
1	To evaluate the causal effects of attending one of the schools in the CTHSS on labor market outcomes over time including employment, earnings and industry of employment.	Match longitudinal labor market data from Department of Labor (DOL) to the SASID's of a population of students who applied to one of the schools in the Connecticut Technical High School System (CTHSS) for admission for the fall semesters of the years 2006 to 2014. Provide a de-identified version of the resultant data to PI's at the University of Connecticut so that they can evaluate the impacts of obtaining an admission invitation to one of the technical high schools of labor market outcomes using a Regression Discontinuity approach. Outcome to be evaluated include employment, wages and industry choice.
2	Evaluate heterogeneity in the effects of attending one of the schools in the CTHSS.	Estimate effects separately by subsamples of applicants on previous test scores, demographics, type of middle school and other pre-determined student attributes.
3	Continue on-going evaluation of the causal effects of attending one of the schools in the CTHSS on academic outcomes over time as described in current contract with SDE.	Continue on-going evaluate the causal effects of attending one of the schools in the CTHSS on academic outcomes over time as described in current contract with SDE. This task is covered by an existing contract with SDE and is currently underway, but has been included here because this attachment includes all variables that will be part of the final data set, and this task provides the justification for the variables that are currently being used and will be included in the final data.

**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 code sets that are necessary. Add as many rows as necessary

**Attachment B:** Provide a crosswalk for each data element requested and describe how it relates to the purpose of the query. List each data element once with only one data element per row. Add as many rows as necessary. P20 WIN element names can be found here: *[enter URL for meta-data dictionary]*. Note: if a proposal is approved, data elements may be removed from the request if there is insufficient evidence to show how the data element requested relates to the purpose.

**P20 WIN Query Number:**

[P20W\\_1712\\_5\\_0017](#)

CT Department of Education					
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
Student ID	Randomly generated student ID number	all		For question 1 on the first tab	For following student outcomes longitudinally
First Name	First name on record	all		For question 1 on the first tab	For matching to DOL data
Last Name	Last name on record	all		For question 1 on the first tab	For matching to DOL data
SSN	SSN from the Clearinghouse match	all		For question 1 on the first tab	For matching to DOL data
Date of birth	Date of birth of record	all		For question 1 on the first tab	For matching to DOL data
Town of Residence	Town of Residence on file at time of exit from last facility	all		For question 1 on the first tab	For matching to DOL data
Gender	Gender on record	all		For question 1 on the first tab	For matching to DOL data
CTHSS Applicant ID	Provided Applicant Number	all		For question 1 on the first tab	Match to CTHSS application data
8th Grade School	School attended in grade 8	all		For question 2 on the first tab	Factor for studying heterogenous effects
Free lunch	Free or reduced lunch status indicator in grade 8	all		For question 2 on the first tab	Factor for studying heterogenous effects
Male	Indicator of whether Male	all		For question 2 on the first tab	Factor for studying heterogenous effects
White	Indicator of whether White	all		For question 2 on the first tab	Factor for studying heterogenous effects
Black	Indicator of whether Black	all		For question 2 on the first tab	Factor for studying heterogenous effects
Latino	Indicator of whether Latino	all		For question 2 on the first tab	Factor for studying heterogenous effects
Asian	Indicator of whether Asian	all		For question 2 on the first tab	Factor for studying heterogenous effects
Other	Indicator of whether Other race	all		For question 2 on the first tab	Factor for studying heterogenous effects
English Language Learner (ELL)	Indicator of whether ELL status in grade 8	all		For question 2 on the first tab	Factor for studying heterogenous effects
Student with Disability (SWD)	Indicator of whether Disability status in grade 8	all		For question 2 on the first tab	Factor for studying heterogenous effects
Math_score 6, 7, 8	6th-8th grade Math test scores	all		For question 2 on the first tab	Factor for studying heterogenous effects
Ela_Score 6, 7, 8	6th-8th grade ELA test score	all		For question 2 on the first tab	Factor for studying heterogenous effects
Scie_Score 8	8th grade Science test score	all		For question 2 on the first tab	Factor for studying heterogenous effects
Math_score 10	10th grade Math test score	all		For question 3 on the first tab	Outcome variable
Ela_Score 10	10th grade ELA test score	all		For question 3 on the first tab	Outcome variable
Scie_Score 10	10th grade Science test score	all		For question 3 on the first tab	Outcome variable

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

**CT Department of Education**

<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>
Write_Score 10	10th grade Writing score	all		For question 3 on the first tab	Outcome variable
Attendance 6-12	Attendance data 6th-12th grade	all		For question 2 and 3 on the first tab	Outcome variable and heterogeneity
Suspend	Suspension data 6th-12th grade	all		For question 2 and 3 on the first tab	Outcome variable and heterogeneity
HS Courses Taken	List of all course names taken	all		For question 3 on the first tab	Outcome variable
Hsg	Graduated from high school 4	all		For question 3 on the first tab	Outcome variable
<i>College Board Data</i>					
SAT Scores	SAT scores on the three exams plus separate scores for each sitting of the exam	all		For question 3 on the first tab	Outcome variable
SAT Subject Tests Taken	List of Subject Tests Taken	all		For question 3 on the first tab	Outcome variable
SAT Subject Test Scores	Scores on subject tests	all		For question 3 on the first tab	Outcome variable
College Majors	Potential majors declare on SAT Form	all		For question 3 on the first tab	Outcome variable
AP Tests	Identifiers for AP tests taken by student	all		For question 3 on the first tab	Outcome variable
AP Test Scores	Test Scores on the AP Exam	all		For question 3 on the first tab	Outcome variable
<i>Clearinghouse Data</i>					
College_code	Numeric college code	all		For question 3 on the first tab	Outcome variable
College_name	Name of college	all		For question 3 on the first tab	Outcome variable
2year_4year	Two-year or Four-year college (string)	all		For question 3 on the first tab	Outcome variable
Public_private	Public or Private school (string)	all		For question 3 on the first tab	Outcome variable
Enrollment_begin	Initial enrollment date	all		For question 3 on the first tab	Outcome variable
Enrollment_end	Final enrollment date	all		For question 3 on the first tab	Outcome variable
Enrollment_status	Whether currently enrolled in college	all		For question 3 on the first tab	Outcome variable
Class_level	Year in college	all		For question 3 on the first tab	Outcome variable
Enroll_major1	First listed major	all		For question 3 on the first tab	Outcome variable
Enroll_CIP1	Code for first major (CIP)	all		For question 3 on the first tab	Outcome variable
Enroll_major2	Second listed major	all		For question 3 on the first tab	Outcome variable
Enroll_CIP2	Code for second major (CIP)	all		For question 3 on the first tab	Outcome variable
Graduated	Indicator if degree earned	all		For question 3 on the first tab	Outcome variable
Grad_date	Date of degree earned	all		For question 3 on the first tab	Outcome variable
Degree_title	Type of degree earned	all		For question 3 on the first tab	Outcome variable
Degree_major1	First degree major	all		For question 3 on the first tab	Outcome variable
Degree_CIP1	Code for first major (CIP)	all		For question 3 on the first tab	Outcome variable
Degree_major2	Second degree major	all		For question 3 on the first tab	Outcome variable
Degree_CIP2	Code for second major (CIP)	all		For question 3 on the first tab	Outcome variable
College_sequence	Indicator of pregression through college	all		For question 3 on the first tab	Outcome variable

**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\\_1712\\_5\\_0017](#)

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
First Initial	First initial on record	all		For question 1 on the first tab	For matching to DMV and SDE data
Last Name	Last name on record	all		For question 1 on the first tab	For matching to DMV and SDE data
SSN	SSN on record	all		For question 1 on the first tab	For matching to DMV and SDE data
Year	Year in which wages were obtained	all		For question 1 on the first tab	For analysis of the impact of CTHSS attendance
Quarter	Quarter in which wages were obtained	all		For question 1 on the first tab	For analysis of the impact of CTHSS attendance
Wage	Wages paid by emplouyer in quarter	all		For question 1 on the first tab	For analysis of the impact of CTHSS attendance
NAICS Code	Industry code of employer paying highest wage	all		For question 1 on the first tab	For analysis of the impact of CTHSS attendance
<i>From DMV File</i>					
First Name	First name on record	all		For question 1 on the first tab	For matching to DMV
Last Name	Last name on record	all		For question 1 on the first tab	For matching to DMV
SSN	SSN on record	all		For question 1 on the first tab	For matching to DMV
Date of birth	Date of birth of record	all		For question 1 on the first tab	For matching DOL data to SDE data when SSN not available
Town of Residence	Town of Residence on file for DMV record	all		For question 1 on the first tab	For matching DOL data to SDE data when SSN not available
Gender	Gender on record	all		For question 1 on the first tab	For matching DOL data to SDE data when SSN not available