

**STATE OF CONNECTICUT
DATA SHARING AGREEMENT**

Between

**Connecticut Department of Children and Families (“DCF” and “Participating Agency”)
Connecticut Department of Education (“CSDE” and “Participating Agency”)
Connecticut Department of Mental Health and Addiction Services (“DMHAS” and “Participating Agency”)
Connecticut Coalition to End Homelessness (“CCEH” and “Participating Agency”)
Connecticut Department of Labor (“DOL” and “Participating Agency”)
Boston Consulting Group (“Data Recipient”)**

And

Connecticut Department of Labor (“Data Integration Hub”)

WHEREAS, this Data Sharing Agreement (“DSA”) is by and between the Connecticut Department of Children and Families (“DCF” and “Participating Agency”), the Connecticut Department of Education (“CSDE” and “Participating Agency”), the Connecticut Department of Mental Health and Substance Abuse Services (“DMHAS” and “Participating Agency”), Connecticut Coalition to End Homelessness (“CCEH” and “Participating Agency”), the Connecticut Department of Labor (“DOL” and “Participating Agency”) (“together referred to as “Participating Agencies”), the Connecticut Department of Labor (“Data Integration Hub” , and the Boston Consulting Group (“Data Recipient”) together referred to as “Party” or “Parties,” and is effective as of the last date of the signature shown below (“Effective Date”); and

WHEREAS, the Department of Children and Families (“DCF”) is the state agency responsible for child protective services in the state of Connecticut and for the administration of the Title IV-E and Title V-B of the Social Security Act programs for eligible children under the supervision of the Commissioner of DCF and for ensuring that all children under the supervision of the Commissioner of DCF receive adequate medical, dental, mental health, psychiatric, psychological, early children, education and other services;

WHEREAS, DCF is the state agency responsible for administering a statewide program of services, including preventive services to protect abused and neglected children;

WHEREAS, DCF must use a data-driven approach to services and supports and the federal bureau in charge of its services, the Children’s Bureau of the Administration for Children and Families (“ACF”) provides guidance to state child welfare systems so that when multiple systems are working with the same family, the agencies, systems, and organizations must work together to coordinate systems and services to be holistic and family-centric and to be more efficient and effective in working with the family;

WHEREAS, pursuant to C.G.S. § 17a-28, DCF records are confidential and require the consent of the subject for disclosure, with certain exceptions;

WHEREAS, the Connecticut State Department of Education is the administrative arm of the Connecticut State Board of Education. Through leadership, curriculum, research, planning, evaluation, assessment, data analyses and other assistance, the Department helps to ensure equal opportunity and excellence in education for all Connecticut students. The Department is responsible for distributing funds to all Connecticut public school districts.

WHEREAS, the purpose of this DSA is to enable the audit and evaluation of Federal- or State-supported K-12 and Federal- or State-supported postsecondary education programs (34 C.F.R. §99.3) by linking Data for the Preschool Through Twenty and Workforce Information Network (“P20 WIN”) in order to assess the degree to which said education programs are preparing students for post-secondary education and the workforce and to assess the efficacy of state or federally-funded higher education grant programs; and

WHEREAS, in order to accomplish this purpose, it is necessary to link Data from the education records of students in preschool, elementary and secondary public schools, and adult education provided by the Connecticut State Board of Education (“SBOE”); and

WHEREAS, the Family Educational Rights and Privacy Act, 20 U.S.C. §1232g and the regulations promulgated under 34 C.F.R. Part 99 (“FERPA”), protect the confidentiality of Personally Identifiable Information (“PII” as defined in the enterprise memorandum of understanding (E-MOU), attached as Exhibit _), which may not be disclosed without the applicable student consent unless a FERPA exception applies; and

WHEREAS, federal regulations provide that the disclosure of PII from education records to an authorized representative of state educational authorities as permitted herein pursuant to the “Audit or Evaluation Exception” is permissible without prior consent if the disclosure is for the purpose of carrying out an audit or evaluation of Federal- or State-supported education programs or for the enforcement of or compliance with federal legal requirements related to these programs (34 C.F.R. §§99.31(a)(3) and 99.35); and

WHEREAS, the Connecticut Department of Mental Health and Addiction Services (“DMHAS”) works to improve the quality of life of the people of Connecticut by providing an integrated network of comprehensive, effective and efficient mental health, addiction and support services that foster self-sufficiency, dignity and respect;

WHEREAS, DMHAS Data is subject to the research confidentiality provisions of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and 42 C.F.R. Part 2 and in particular, Subpart D §2.53(c);

WHEREAS, the Connecticut HMIS (“CT HMIS”) (as defined below) is a client information system that records the use of housing and services which can be used to determine the utilization of services of agencies licensed by the CCEH to use the CT HMIS, identifying gaps in the local service continuum and develop outcome measurements;

WHEREAS, the CT HMIS employs a statewide data sharing model among all agencies licensed by the CCEH to use the CT HMIS as described in its Policies and Procedures (as defined below);

WHEREAS, the CCEH has been designed the CT HMIS Lead Agency with authority to authorize the Data Recipient’s access;

WHEREAS, Connecticut Department of Labor (DOL) is the Connecticut State agency that administers the payment of Unemployment Compensation (UC) benefits and assesses and collects UC contributions from employers and maintains wage data on employees hired in approved state businesses. In addition, as a partner in the workforce system, DOL administers the Workforce Innovation and Opportunity Act (WIOA), Wagner-Peyser Act, Trade Adjustment Act (TAA), Jobs First Employment Services (JFES), and State Office of Apprenticeship Training programs. Last, DOL receives the wage information for all Connecticut residents;

WHEREAS, to comply with federal requirements on the confidentiality of UC and other CTDOL data, CTDOL may only disclose UC data through an agreement and in a manner that conforms to and complies with state and federal laws;

WHEREAS, the Boston Consulting Group (“BCG” and “Data Recipient”) is an American global management consulting and research firm;

WHEREAS, the Connecticut Department of Labor (“DOL”) has been designated as the Data Integration Hub is operating as the centralized data matching service for Participating Agencies (as defined in the Enterprise Memorandum of Understanding and its Appendices (“E-MOU”), which is attached hereto and incorporated herein); and

WHEREAS, the Participating Agencies wish to share data with the Data Integration Hub for data matching services, in accordance with the terms and conditions of this DSA and approved under the terms and conditions of the E-MOU, and share the Resultant Data with the Data Recipient; and

WHEREAS, the Department of Labor (“DOL”) has access to data matching software which can be utilized to match and link longitudinal data from state agencies and other organizations for the purpose of facilitating data requests; and

WHEREAS, the Parties wish to participate in the P20 WIN Project entitled: Research on Disengaged and Disconnected Youth in Connecticut

NOW, THEREFORE, the Parties, in consideration of the mutual promises and obligations set forth herein, the sufficiency of which is hereby acknowledged, and intending to be legally bound, agree as follows:

I. DEFINITIONS

The definitions provided in the E-MOU, as amended from time to time, shall be applicable herein. a definition in this DSA conflicts with the E-MOU, the definition in this DSA shall prevail:

Analytic Data (“Analytic Data”) refers to highly sensitive original data files provided by the Participating Agencies to the Data Recipient for analysis. For the avoidance of doubt, Analytic Data are not automatically classified as De-Identified Data but may be appropriately de-identified as provided in the De-identification of Data and De-Identified Data definitions below herein.

Authorized Representative(s) (“Authorized Representative” or “Authorized Representatives”) shall mean any entity or person designated by a state or local educational authority or an agency headed by an official to conduct, with respect to federal or state supported education programs, any audit or evaluation, or any compliance or enforcement activity in connection with federal legal requirements that relate to these programs, as defined by FERPA, 20 U.S.C. §1232g and its implementing regulations in 34 CFR Part 99, to receive and/or match Data, including PII, from a Participating Agency subject to FERPA.

Breach (“Breach”) shall have the same meaning as the term as defined in 45 CFR § 164.402 and shall also include a use or disclosure of protected health information that violates the HIPAA Standards.

Business Associate (“Business Associate”) shall refer to the Data Integration Hub and the Data Recipient.

Confidential Information (“Confidential Data”) shall mean any name, number or other information that may be used, alone or in conjunction with any other information, to identify a specific individual including, but not limited to, such individual’s name, data of birth, mother’s maiden name, motor vehicle’s license number, Social Security number, employee identification number, employer or taxpayer identification number, alien registration number, government passport number, health insurance identification number, demand deposit account number, savings account number, credit card number, debit card number or unique biometric data such as fingerprint, voice print, retina or iris image, or other unique physical representation. Without limiting the foregoing, Confidential Information shall also include any information regarding clients that the Department of Social Services (“DSS”) classifies as “confidential” or “restricted.” Confidential Information shall not include information that may be lawfully obtained from publicly available sources or from federal, state, or local government records which are lawfully made available to the general public. “Confidential Information Breach” shall mean, generally, an instance where an unauthorized person or entity accesses Confidential Information in any manner, including but not limited to the following occurrences: (1) any Confidential Information that is

not encrypted or protected is misplaced, lost, stolen or in any way compromised; (2) one or more third parties have had access to or taken control or possession of any Confidential Information that is not encrypted or protected without prior written authorization from DSS; (3) the unauthorized acquisition of encrypted or protected Confidential Information together with the confidential process or key that is capable of compromising the integrity of the Confidential Information; or (4) if there is a substantial risk of identity theft or fraud to the individual or the Participating Agencies.

Confidential UC Information (“Confidential UC Information”) is any UC information provided by CTDOL which reveals the name or any identifying particular about any individual or any past or present employer or employing unit, or which could foreseeably be combined with other publicly available information to reveal any such particulars pursuant to 20 CFR 603.4. No UC information obtained from CTDOL is public information. Because information in the system may match information that is available publicly, that does not make it permissible to disclose that such information is also in the CTDOL’s database. For purposes of this DSA, such data would include, but not be limited to, any wage information, the individual’s name, Social Security Number, address, etc., and any employer identifiers, including the employer’s name, address and registration number and in addition, any document or other media produced as a result of the work provided for this DSA that contain or are derived from the UC data provided by CTDOL, including the fact that an individual is filing for UC benefits or that an employer is a covered employer for purposes of the Connecticut Unemployment Compensation Act, that directly or indirectly disclose information about individual claimant or employer.

Connecticut Homeless Management Information System (“CT HMIS”), a computerized data collection application designed to capture information about homeless people and homeless programs over time. “CT HMIS” is the general name for one or more HUD-compliant software applications implemented and adopted in the state.

CT HMIS Lead Agency (“CT HMIS Lead Agency”) is the entity authorized by the CT HMIS Steering Committee to serve as the CT HMIS Statewide Administrator. The CT HMIS Lead Agency for the effective period of this Agreement is the CCEH.

CT HMIS Policies and Procedures (“Policies and Procedures”) means those policies and procedures located at https://www.cthmis.com/file_uploads/CT_HMIS_Policies_and_Procedures_v6_10.26.2022.pdf and as updated from time to time. In the event of a conflict between the Policies and Procedures and this Agreement, the terms of the Policies and Procedures shall govern.

CT HMIS Steering Committee (“CT HMIS SC”) is the group established by the aggregated CT Continuum of Care entities responsible for CT HMIS oversight, implementation, planning, policies and procedures, software selection, and managing the CT HMIS in compliance with HUD’s national HMIS Standards.

Data Recipient (“Data Recipient”) means any person, entity or organization that is a party to an approved Data Sharing Agreement that receives Data sets from Participating Agencies for legitimate state purposes.

Designation Record Set (“Designated Record Set”) shall have the same meaning as the term “designated record set” in 45 CFR § 164.501.

Electronic Health Record (“Electronic Health Record”) shall have the same meaning as defined in Section 13400 of the HITECH ACT (42 U.S.C. § 17921(5)).

Health Insurance Portability and Accountability Act (“HIPAA”) shall be inclusive of amendments by the Health Information Technology for Economic and Clinical Health Act (Division A, Title XIII and Division B, Title IV, of the American Recovery and Reinvestment Act of 2009) and their implementing regulations.

HIPAA Standards (“HIPAA Standards”) refer to the Privacy and Security Rules at 45 CFR Part 160 and Part 164, subparts A, C, D and E.

Individual shall have the same meaning as the term “individual” in 45 CFR § 160.103 and shall include a person who qualifies as a personal representative as defined in 45 CFR § 164.502(g).

More Stringent shall have the same meaning as the term “more stringent” found in 45 CFR §160.202.

Privacy Rule (“Privacy Rule”) shall mean the Standards of Privacy of Individually Identifiable Health Information at 45 CFR Part 160 and Part 164, subparts A and B.

Protected Health Information or “PHI” shall have the same meaning as the term “protected health information” in 45 CFR § 160.103, and includes electronic PHI, as defined in 45 CFR § 160.103, limited to information created, maintained, transmitted or received by the Business Associate from or on behalf of the Covered Entity or from another Business Associate of the Covered Entity.

Public Data (“Public Data”) is Data purposefully made available to the public by the Participating Agencies and may be freely disseminated without potential harm to the State or to Individuals.

Required by Law shall have the same meaning as the term “required by law” as found in 45 CFR § 164.103.

Restricted Data (“Restricted Data”) us Data highly confidential or personal identified information. There are statutory, regulatory or contractual requirements that require protection of the Data. It is intended for a very specific use and should not be disclosed except to those who have explicit authorization to review such Data. Unauthorized disclosure of this Data could have a serious adverse impact on the State or to Individuals.

Resultant Data (“Resultant Data”) is the Data provided by the Participating Agencies and the Data Integration Hub to the Data Recipient pursuant to this DSA. Resultant Data includes original Data files received for analysis from the Participating Agencies and a comparison of unique generic identifiers used to connect PII Data together. It also includes the working documents and derivative tables created from the Resultant Data before the documents and tables have been reviewed according to the DSA and subsequently approved as appropriately De-identified and aggregated for access to Users.

Security Incident shall have the same meaning as the term “security incident” found in 45 CFR § 164.304.

Security Rule shall mean the Security Standards for the Protection of Electronic Protected Health Information as found at 45 CFR Part 160 and Part 164, subpart A and C.

Sensitive Data (“Sensitive Data”) is Data that is not openly shared with the general public but is not specifically required to be protected by statute, regulation or by agency policy. It is Data that is intended for use by a designated group, department, or group of individuals within the State. Unauthorized disclosure of this information could adversely impact the State or to Individuals.

Unsecured Protected Health Information shall have the same meaning as the term as defined in 45 CFR § 164.402.

II. RESPONSIBILITIES OF PARTICIPATING AGENCIES

- A. Specific Duties of Participating Agencies When Transmitting Data. Whenever a Participating Agency Transmits data to the Data Integration Hub, the Participating Agency shall do so in compliance with applicable federal and state law, this DSA and the E-MOU. Furthermore, the Participating Agency will abide by all the specific requirements contained in the Data Sharing Request Form, which is attached and incorporated herein as Exhibit A, including but not limited to the confidentiality and privacy requirements contained in applicable law.
- B. CT HMIS LEAD AGENCY. CCEH as the CT HMIS Lead Agency has the following responsibilities, whether executed directly or through contractual arrangement with other parties such as the CT HMIS System Administrator:
 - 1. System Administration;
 - 2. Ensure CT HMIS is operating in accordance with established Policies and Procedures;
 - 3. Authorize and entitle use of the CT HMIS by Requesting Party;
 - 4. Provide to Requesting Party relevant data from HMIS.
- C. Confidential UC Information and other CTDOL confidential information. The Parties agree that, under CGS §31-254 and under Federal law (20 CFR 603), all UC data, in whatever form that is furnished by CTDOL pursuant to this DSA, is, as a matter of law, and shall be treated as CTDOL Confidential Information. Conn. Gen. Stat. §31-254 provides that any public employee who

violates any provision of said section shall be fined not more than two hundred dollars (\$200.00) or imprisoned not more than six (6) months or both and shall be dismissed from service. For purposes of this DSA, Confidential Information shall include, but not be limited to:

- Any indication that the name of an employer and any information pertaining to that employer is maintained in the CTDOLE database or that a particular employer is covered or not covered by the unemployment insurance (UI) laws;
- Any indication that an individual has earned wages at all, or in a specific quarter;
- The amount of any wages;
- The number of employees an employer has in a particular or for a particular time frame;
- An employer's tax standing – taxable or reimbursing;
- The tax status of an employer (i.e., whether an employer is in good standing or is under investigation in any way);
- An individual employee's name or Social Security Number, or specific wages;
- The name, address or UC registration number of the employer.

In addition, any personally identifying information pertaining to participants in the WIOA, Wagner-Peyser, TAA, JFES, and Apprenticeship programs is protected by federal law (e.g. The Privacy Act of 1974), federal regulations, e.g. 20 CFR §683.220, 20 CFR § 617.57, state law , CGS § 31-254, and federal guidance, specifically Training and Employment Guidance Letter (TEGL) No. 39-11, as applicable to the specific program.

- D. Compliance with E-MOU. Except to the extent prohibited by applicable federal and state law, Participating Agencies shall comply with all provisions of the E-MOU.
- E. Data Transmittal. The Participating Agency and the Data Integration Hub shall require its Users to perform Data Transmittal only in accordance with the terms and conditions of the E-MOU and the applicable specifications in Article IV.
- F. Agreements with Users. The Participating Agency and the Data Integration Hub shall have established written documentation that each of its Users shall, at a minimum: (i) comply with all applicable federal and state privacy and data security requirements; (ii) reasonably cooperate with the Operating Group (pursuant to Section VII, page 10 of Exhibit E) on issues related to the E-MOU; (iii) transmit data only for a permitted purpose; (iv) use and disclose data received from another Participating Agency or User in accordance with the terms and conditions of this DSA; (v) when a Breach or potential Breach has occurred, report such breach to the Operating Group for the Data Governing Board (pursuant to Section III on page 5 of Exhibit E) so that the Data Governing Board can proceed according to the terms and conditions of the E-MOU; (vi) refrain from disclosing to any other person any passwords or other security measures issued to the User for the Data Sharing process; and (vii) cooperate with any external audits. Each User shall sign a User Acknowledgement Form, either one developed by the Participating Agency or the Data Integration Hub or the one attached and incorporated herein as Exhibit B.

Notwithstanding the foregoing, for Users who are employed by a Participating Agency or who have agreements with a Participating Agency which became effective prior to the Effective Date, compliance with this Section may be satisfied through written policies and procedures that address items (i) through (vi) of this Section so long as the Participating Agency can document that there is a written requirement that the User must comply with the policies and procedures.

- G. Agreements with Vendors. To the extent that a Participating Agency uses vendors, in connection with the Participating Agency's Transmittal of Data, the Participating Agency affirms that it has established agreements with each of its vendors that require the vendor to, at a minimum: (i) comply with all applicable federal and state privacy and data security requirements; (ii) protect the privacy and security of any data to which it has access; (iii) as soon as reasonably practicable after determining that a breach occurred, report such breach to the Participating Agency; (iv) not re-disclose information without the written consent of the Participating Agency; (v) agree to the same restrictions on the access, use, and disclosure of Data as contained herein; (vi) reasonably cooperate with the other Participating Agencies to the E-MOU on issues related to the E-MOU; (vii) sign a form that meets the requirements of Exhibit B; and (viii) cooperate with any external audits.

- H. Compliance with Laws. The Participating Agencies shall fully comply with all applicable federal and state privacy and data security laws.

- I. Disclaimers.
 - 1. Reliance on a System. Each Participating Agency acknowledges and agrees that (i) the Data provided to the Data Integration Hub is drawn from numerous sources; (ii) the Data is specific to the point in time when drawn, and (iii) it can only confirm that, at the time of the Data Transmittal, the Data is an accurate representation of Data contained in, or available through, the Data Integration Hub. Nothing in the DSA shall be deemed to impose responsibility or liability on a Participating Agency related to the clinical accuracy, content or completeness of any Data provided to the Data Integration Hub. Furthermore, Data Recipient may not rely upon the availability of a particular Participating Agency's Data.
 - 2. Carrier Lines. The Participating Agency acknowledges that the Transmittal of Data between Participating Agencies, the Data Recipient and the Data Integration Hub is to be provided over various facilities and communications lines, and data shall be transmitted over local exchange and Internet backbone carrier lines and through routers, switches, and other devices (collectively, "carrier lines") owned, maintained, and serviced by third-party carriers, utilities, and Internet service providers, all of which may be beyond the Participating Agency's control. Provided the Participating Agency uses reasonable security measures, no less stringent than those directives, instructions, and specifications contained in the E-MOU, its Specifications, and applicable federal and state law, the Participating Agency assumes no liability for or relating to the integrity, privacy, security, confidentiality, or use of any data while it is transmitted over those carrier lines, which are beyond Participating Agency's control, or any delay, failure, interruption, interception, loss, Transmittal, or corruption of

any data or other information attributable to Transmittal over those carrier lines which are beyond Participating Agency's control. The use of the carrier lines is solely at the Participating Agency's risk and is subject to all applicable federal and state law. If a Breach occurs and it is determined that it happened because of a carrier issue, over which the Participating Agency has direct control, the Participating Agency responsible for the Transmittal of Data is the responsible party for the Breach notification when such notification is required by law and/or determined to be necessary by this DSA. However, Data must be encrypted using current industry standard algorithms agreed on by the Parties involved before transmission occurs.

3. Collecting Data. Each Participating Agency has collected the Data from Individuals. Accordingly, the Participating Agency is solely responsible for ensuring that all legal requirements have been met to collect Data on Individuals whose Data are being provided to the Data Integration Hub and the Data Recipient.
 4. Data Accuracy. Each Participating Agency will identify and document for the Data Recipient any known limitations or Data accuracy issues that have potential to impact the Project described in Exhibit A.
- J. All Participating Agencies and the Data Integration Hub agree that Data will be encrypted at rest and in motion, and all backups will be encrypted.

III. RESPONSIBILITIES OF DATA INTEGRATION HUB

- A. In all respects, the Data Integration Hub shall comply with the provisions of FERPA. Nothing in this DSA may be construed to allow the Data Integration Hub to maintain, use, disclose or share Participating Agency's Data in a manner not allowed by federal law or regulations, including but not limited to FERPA, or by this DSA. This Section (III.A.) shall survive the termination, cancellation or expiration of this DSA.
- B. The Participating Agency designates the Data Integration Hub to serve as the Authorized Representative to receive and match PII from education records under the audit and evaluation pursuant to FERPA 20 U.S.C. §1232g(b)(1)(C), (b)(3) and (b)(5) and 34 C.F.R §§ 99.31(a)(3) and 99.35, or the studies exception in 20 U.S.C. §1232g(b)(1)(F) and 34 C.F.R. § 99.31(a)(6).
- C. The Data Integration Hub acknowledges that the Transmittal of Data between Participating Agencies, the Data Recipient and the Data Integration Hub is to be provided over various facilities and communications lines, and data shall be transmitted over local exchange and Internet backbone carrier lines and through routers, switches, and other devices (collectively, "carrier lines") owned, maintained, and serviced by third-party carriers, utilities, and Internet service providers, all of which may be beyond the Data Integration Hub's control. Provided the Data Integration Hub uses reasonable security measures, no less stringent than those directives, instructions, and specifications contained in the E-MOU, its Specifications, and applicable federal and state law, the Data Integration Hub assumes no liability for or relating to the

integrity, privacy, security, confidentiality, or use of any data while it is transmitted over those carrier lines, which are beyond the Data Integration Hub's control, or any delay, failure, interruption, interception, loss, Transmittal, or corruption of any data or other information attributable to Transmittal over those carrier lines which are beyond Participating Agency's control. The use of the carrier lines is solely at the Participating Agency's risk and is subject to all applicable federal and state law. If a Breach occurs and it is determined that it happened because of a carrier issue, over which the Data Integration Hub has direct control, the Data Integration Hub responsible for the Transmittal of Data is the responsible party for the Breach notification when such notification is required by law and/or determined to be necessary by the Participating Agency. However, Data must be encrypted using current industry standard algorithms agreed on by the Parties involved before transmission occurs.

- D. For any Data Sharing, the Data Integration Hub agrees to store and access all Data obtained from the providing Participating Agency on secure computers and in secure files to which access is restricted to authorized persons only and in an area that is physically safe from unauthorized persons at all times. All personnel authorized to access data shall be fully trained and advised of the confidential nature of the information and the safeguards required protecting the information and have followed the procedures in section II.D (Agreements with Users).
- E. The Data Integration Hub agrees to monitor all authorized Users to ensure such Users observe the confidentiality requirements outlined in the E-MOU.
- F. The Data Integration Hub agrees that authorized Users will not store or transmit data on a portable storage device, such as but not limited to, a USB flash drive, cell phone, portable laptop, external hard drive or through unencrypted e-mail with the exception of system backup tapes and files. System backup tapes and files will be encrypted to prevent data loss.
- G. The Data Integration Hub agrees to have policies and procedures regarding data security that protect against violations of federal and state law, when the data is at rest and during transmission. The Participating Agency reserves the right to request the Operating Group to assist in an audit or assessment regarding access to Participating Agency's Data therein.
- H. The Data Integration Hub shall comply with the following access and security requirements:
 - 1. Limited Access. The Data Integration Hub shall limit access to the Participating Agency's Data to Users (including staff and contractors) who have signed the Confidentiality Agreement attached and incorporated herein as Exhibit C and are working on a specific data sharing project with the Participating Agency pursuant to the terms of the E-MOU.
 - 2. Use. The Data Integration Hub shall use the Participating Agency's Data solely for the purpose approved by the Participating Agency. The Data Integration Hub shall only disclose the Participating Agency's Data to Users with the authority to handle the Data in furtherance of the Participating Agency's approved purpose and pursuant to this DSA.

3. Data Deletion. The Data Integration Hub shall retain the Participating Agency's Data used for matching and/or any links to re-identify any Individual for a period no later than 24 hours after the match has been completed pursuant to this DSA and specified in Exhibit A, unless all the Parties agree in writing to extend the retention time. The match has been completed when the Representatives of the Parties (as listed in Section XII herein) have agreed in writing that the match results are optimal.

I. Matching and Removal of Identifiers from Data

- A. Removal of Identifiers. The Data Integration Hub shall release only generic unique identifiers link data from Participating Agencies, that bearing no resemblance to or containing any part of an individual's identifiable data which can be used to distinguish or trace an Individual. The Data Integration Hub assures the Participating Agencies that it shall take all due diligence to only share identifiers that bear no resemblance to or contain any part of an Individual's identifiable data.
- B. Cell Suppression Policy. The Data Integration Hub agree that approved projects including data from the Participating Agency in the creation of any dissemination materials (e.g., project updates, tables, reports, presentations) must adhere to the cell size suppression stated herein:
 - a. No cell (e.g., grouping of individuals, patients, students, clients) with less than 10 observations may be displayed.
 - b. No use of percentages or other mathematical formulas may be used if they result in a cell displaying less than 10 observations.
 - c. Individual level records may not be published in any form, electronic or printed.
 - d. Reports and analytics must use complementary cell suppression techniques to ensure that cells with fewer than 10 observations cannot be identified by manipulating data in adjacent rows, column or other manipulations of any combination of dissemination materials generated through an approved project. Examples of such data elements include but are not limited to geography, age groupings, race/ethnicity, sex, or birth or death dates.

IV. TRANSFER OF DATA FROM PARTICIPATING AGENCIES AND DATA INTEGRATION HUB TO DATA RECIPIENT

The Participating Agency will submit to the Data Integration Hub, or otherwise permit the Data Integration Hub staff to electronically access, the data associated with approved data sharing or data linking projects as evidenced by the documents attached to this DSA and required pursuant to the E-MOU and its Appendices. The Participating Agency will transfer Data electronically to the Data Integration Hub and to the Data Recipient only via encrypted files and in accordance with the security requirements outlined policies and procedures approved by the Data Governing Board.

V. DATA INTEGRATION HUB'S RIGHTS TO SHARE/RE-DISTRIBUTE THE DATA

Except as expressly provided in this DSA and the E-MOU, the Data Integration Hub shall not disclose or distribute any Participating Agency's Data without the Participating Agency's written approval.

VI. RESPONSIBILITIES OF DATA RECIPIENT

A. Authorized Representative

In all respects, the Data Recipient shall comply with the provisions of FERPA. For purposes of this DSA, nothing in this DSA may be construed to allow the Data Recipient to maintain, use, disclose or share Participating Agency's Data in a manner not allowed by federal law or regulations, including but not limited to FERPA, or by this DSA. This Section (III.A.) shall survive the termination, cancellation or expiration of this DSA.

Further, the Participating Agency designates the Data Recipient to serve as the Authorized Representative to receive PII from education records under the audit and evaluation pursuant to FERPA 20 U.S.C. §1232g(b)(1)(C), (b)(3) and (b)(5) and 34 C.F.R §§ 99.31(a)(3) and 99.35, or the studies exception in 20 U.S.C. §1232g(b)(1)(F) and 34 C.F.R. § 99.31(a)(6).

B. Permitted Data Sharing Project: Approved Use and Data Elements

This DSA pertains to the P20 WIN Project entitled: Research on Disconnected and Disengaged Youth in Connecticut. This P20 WIN Project was approved by all Participating Agency(s) and the Data Recipient on April 5, 2023 (Date) and the approved Data Sharing Request Form is attached and incorporated hereto as Exhibit A.

The approved Data Sharing Request Form (Exhibit A) details the permitted use of the Resultant Data as well as the approved Data to be included in the Data Sharing project. This DSA pertains only to the use of Data elements identified in Exhibit A, and the Data Recipient acknowledges that the appropriate Institutional Review Board (IRB) request or approval, whichever is available, attached as Exhibit D, has been requested or obtained if relevant and appropriate. Further, the Data Recipient acknowledges and agrees that it must use the Resultant Data in accordance with the approved Data Sharing Request Form (Exhibit A) and pursuant to the IRB request or approval (Exhibit D), if relevant and appropriate, and that the Data Recipient may only receive and use the Resultant Data for the purpose(s) approved by the Participating Agencies pursuant to this DSA.

C. Data Sovereignty and Accuracy

The Participating Agencies are responsible for providing current Data as of the date and time compiled. However, the Data Recipient acknowledges that 100% accuracy of all records and

fields is not guaranteed, and Data are subject to change. Some data fields may contain incorrect or incomplete data. The Data Integration Hub and the Participating Agencies providing the data cannot commit resources to explain or validate complex matching and cross-referencing programs; the Data Integration Hub does provide documentation for each data matching process about the rules used in the match and the match rate. The Data Recipient agrees to accept the quality of the data they receive. Questions by the Data Recipient related to the Resultant Data completeness (i.e. approved data elements in the attached Exhibit A) or matching accuracy shall be in writing and sent to the Operating Group within ten (10) business days of receipt of all Data sets. Data that has been manipulated or reprocessed by the Data Recipient is a part of the Resultant Data Set and must be securely maintained according to the of this DSA until it is deleted by the Project End Date as specified in Section XVII. The Data Recipient understands and agrees that the Data Integration Hub cannot commit resources to assist Data Recipient with converting data to another format.

D. Data Transfer

The Data Integration Hub shall transmit the Data files, and each Participating Agency shall transmit the Data files outlined in Exhibit A to the Data Recipient in accordance to this DSA. The Data Recipient will be provided secure access and will be allowed to download the Resultant Data file(s) for a limited period of time, after which access to the secure transmission will be removed or the Resultant Data files will be deleted.

E. Carrier Lines.

The Data Recipient acknowledges that the Transmittal of Data between Participating Agencies, the Data Recipient, and the Data Integration Hub is to be provided over various facilities and communications lines, and data shall be transmitted over local exchange and Internet backbone carrier lines and through routers, switches, and other devices (collectively, "carrier lines") owned, maintained, and serviced by third-party carriers, utilities, and Internet service providers, all of which may be beyond the Data Recipient's control. Provided the Data Recipient uses reasonable security measures, no less stringent than those directives, instructions, and specifications contained in the E-MOU, its Specifications, and applicable federal and state law, the Data Recipient assumes no liability for or relating to the integrity, privacy, security, confidentiality, or use of any data while it is transmitted over those carrier lines, which are beyond the Data Recipient's control, or any delay, failure, interruption, interception, loss, Transmittal, or corruption of any data or other information attributable to Transmittal over those carrier lines which are beyond Participating Agency's control. The use of the carrier lines is solely at the Participating Agency's risk and is subject to all applicable federal and state law. If a Breach occurs and it is determined that it happened because of a carrier issue, over which the Data Recipient has direct control, the Data Recipient responsible for the Transmittal of Data is the responsible party for the Breach notification. However, Data must be

encrypted using current industry standard algorithms agreed on by the Parties involved before transmission occurs.

F. Safeguarding Data in Publications

1. Disclosure Avoidance. The Data Recipient shall publish results from any study, analysis or evaluation of education programs in a manner that protect the privacy and confidentiality of the Individual. Tables must utilize disclosure avoidance techniques such as cell suppression, blurring, and/or perturbation as appropriate. The Data Recipient shall employ, to the greatest extent possible, the best practices outlined by the national Center for Education Statistics SLDS in Technical Brief 3, "Statistical Methods for Protecting Personally Identifiable Information in Aggregate Reporting," amended from time to time, to minimize the risk that Individuals could be identified.
2. Security Controls. The Data Recipient shall implement and maintain the data security controls specified in the Data Sharing Request Form (Exhibit A) that has been approved by the Participating Agencies that provided the Data.

G. Cell Suppression Policy. The Data Recipient agrees to use reasonable care when utilizing cell suppression alone to employ additional methods to ensure Individuals cannot be identified through the single or multiple release or use of available counts, percentages or Data in other related publicly available tables. The Data Recipient agrees that any use of the Data in the creation of any dissemination materials (including but not limited to a manuscript, table, chart, study, report, presentation, etc.) concerning the specified purpose must adhere to the cell size suppression policy as follows:

- a. No cell size (e.g., grouping of individuals, patients, clients, recipients, etc.) with less than 10 observations may be displayed. This is the most stringent cell size allowable among the Participating Agencies that provided the Data for the P20 WIN Project specified in this DSA.
- b. No use of percentages or other mathematical formulas may be used if they result in a cell displaying fewer than 10 Individuals.
- c. Individual level records may not be published in any form, electronic or printed.
- d. Reports and analytics must use complementary cell suppression techniques to ensure that cells with fewer than 10 observations cannot be identified by manipulating data in adjacent rows, columns or other manipulations of any combination of dissemination materials generated through this P20 WIN Project. Examples of such Data Elements include, but are not limited to geography, age groupings, sex, or birth or death rates.

H. Any person or entity that processes or receives the Resultant Data, and its agents, vendors and independent contractors must be obligated, by written contract, to adhere to the terms of this DSA and agree to follow the data security controls approved in the attached Exhibit A and the E-MOU, prior to being granted access to Resultant Data, and to sign the Confidentiality

Agreement, attached as Exhibit C. Furthermore, prior to accessing any Resultant Data, the Data Recipient will notify the Operating Group of the name, position, organization, email address, and telephone number for all individuals who will have access to the Resultant Data pursuant to this DSA and for additions and/or replacements of persons listed above, attached as Exhibit C. The Operating Group will share such information and any future addition/replacements of persons with the Participating Agencies and shall obtain written approval from the Participating Agencies involved in the Data Request that the person(s) (initially and any added) are approved to have access to the Resultant Data before access to the Resultant Data is provided without amended this DSA.

I. Accountability: Unauthorized Access, Use, or Disclosure

The Data Recipient shall take all steps necessary to prevent any use or disclosure of Resultant Data not authorized by this DSA. The Data Recipient will report any unauthorized access, use or disclosure of the Resultant Data to the Operating Group and to the particular Participating Agencies from which the data originated as soon as learning or had reasonable belief of the unauthorized access, use, or disclosure. The Data Recipient shall follow the reporting requirements contained in Exhibit A. In the event that the Operating Group determines or has a reasonable belief that the Data Recipient has made or may have made use of or disclosed Resultant Data in a manner that is not authorized by this DSA, the Operating Group may, at its sole discretion, require the Data Recipient to perform one or more of the following, or such other actions as the Operating Group, in its sole discretion, deems appropriate, including but not limited to:

1. Promptly investigate and report to the Operating Group the Data Recipient's determinations regarding any alleged or actual unauthorized access, use, or disclosure;
2. Immediately cease use of and disallow access to the Resultant Data by all Users;
3. Promptly resolve any issues or problems identified by the investigation;
4. Submit a formal response to an allegation of unauthorized access, use, or disclosure;
5. Submit a corrective action plan with steps designed to prevent any future unauthorized access, use, or disclosures; and
6. Return all data or destroy data it has received under this DSA.

The Data Recipient understands that as a result of the Operating Group's determination or reasonable belief that unauthorized access, use, or disclosures have occurred, the Participating Agencies may refuse to release further Data to the Data Recipient for a period of time to be determined by the Participating Agencies.

The Data Recipient acknowledges that if the United States Department of Education's Student Privacy Policy Office determines pursuant to 34 C.F.R. 99.67 that the Data Recipient has improperly re-disclosed PII from Education Records, the Participating Agencies may not allow the Data Recipient access to PII from Education Records for at least five (5) years.

J. Data Security Standards

The Data Recipient agrees to maintain and use appropriate administrative, technical and physical security measures to preserve the confidentiality, integrity and availability of all Data received from, or on behalf of the Participating Agencies in compliance with appropriate security standards. The Data Recipient also agrees and acknowledges that it maintains a security program that, at a minimum, complies with the enterprise security specifications provided in the E-MOU. In addition, the Data Recipient agrees that its Users will not store or Transmit Data on a portable storage device, such as but not limited to a USB flash drive, cell phone, external hard drive or through unencrypted e-mail with the exception of system backup tapes and files. These measures shall be extended by contract between the Data Recipient and all contractors or subcontractors used by the Data Recipient who may encounter Participating Agency's Data.

K. Security Audit

When requested by a Participating Agency providing Data for the Data Sharing Project, the Data Recipient agrees to permit the Participating Agency, through its agent, employees, or independent contractors, to audit and review all access to and use of the Participating Agency's Data related to this DSA for data security and privacy purposes. The audit and review shall be conducted by Data Recipients security team via Webex or Zoom and shall pertain exclusively to the Data Recipient's data security and confidentiality policies and procedures, and its management of the Participating Agency's Data. The audit and review shall be completed within a time frame mutually agreed upon by the Participating Agency and the Data Recipient, and the Operating Group shall facilitate such audit and review regarding the use of and access to the Participating Agency's Data therein.

L. Data Security Breach

The Parties agrees that any Breach of the confidentiality obligations set for in this DSA may result in the Participating Agency immediately terminating this DSA and/or the cancellation of the Data Recipient's ability or access to continue using the Participating Agency's Data. Furthermore, the Parties agree that costs for remediation of the Breach will be determined subject to the policies and procedures approved by the Data Governing Board. The Data Recipient agrees to notify the Operating Group by email and by telephone of any potential or actual Breach involving the Participating Agency's Data within twenty-four (24) hours of the Data Recipient confirming or suspecting such Breach. The Data Recipient shall investigate any such Breach and take all necessary steps to eliminate or contain the exposures that led to such Breach. The Data Recipient will provide the Participating Agency and the Operating Group with a written report within five (5) business days of the occurrence of any Breach, detailing mitigation steps taken by the Data Recipient in response to such Breach. For any Breach involving the Participating Agency's Data, the Data Recipient shall at the Participating Agency's

sole discretion: (a) either undertake remediation efforts at its sole expense or reimburse the Participating Agency for its reasonable costs and expenses in connection with taking the remediation efforts, and (b) ensure that the plan associated with such remediation efforts includes components aimed at preventing the recurrence of the same type of Breach.

M. Indemnification

If the Data Recipient is not a State of Connecticut agency or institution, the Data Recipient shall indemnify, defend and hold harmless the Participating Agency and the Data Integration Hub and their officers, representatives, servants, employees, successors and assigns from and against any and all (1) claims arising, directly or indirectly, in connection with this DSA, including and to the extent that the acts of commission or omission (collectively, the “Acts”) of the Data Recipient; and (2) liabilities, damages, losses, costs and expenses, including but not limited to attorneys’ and other professionals’ fees, arising, directly or indirectly, in connection with claims, Acts or this DSA. Data Recipient shall use counsel reasonably acceptable to the Connecticut State Attorney General’s Office in carrying out its obligations under this Section. Data Recipient’s obligations to indemnify, defend and hold harmless against claims includes claims concerning confidentiality of any part of this DSA, any intellectual property rights with the exception of patent rights, other proprietary rights of any person or entity, copyrighted or un-copyrighted compositions, articles furnished or used under this DSA. Data Recipient shall not be responsible for indemnifying or holding the Participating Agency or the Data Integration Hub or any third party under the direct control or supervision of the Participating Agency or the Data Integration Hub.

1. The Data Recipient’s duties under this Section shall remain fully in effect and binding in accordance with the terms and conditions of this DSA, without being lessened or compromised in any way where the Data Recipient is alleged or found to have merely contributed in part to the Acts giving rise to the claims and/or where the Participating Agency is alleged or is found to have contributed to the Acts giving rise to the claims.
2. This Section shall survive the termination of this DSA and shall not be limited by reason of any insurance coverage.

N. Project Reporting Requirements

1. Pre-Publication Data Review. Data Recipients are required to share P20 WIN Project Data findings with the Operating Group at a minimum of ten (10) business days prior to any release beyond the list of Users identified in Section VI, above. The Operating Group shall secure written confirmation from the Participating Agencies that Data are properly aggregated for release, Data are labeled correctly, that confidential Data are not disclosed and that Data are consistent with the requirements in Section V.D.2. The Participating Agencies can request prior review of specific dissemination materials (e.g. presentations, publications) from the Data Recipient.

2. Project Acknowledgement. All publicly-released materials resulting from the P20 WIN Project referenced in this DSA shall include the following acknowledgement:

“This work would not be possible without data provided by the P20 WIN participating agencies. The findings do not necessarily reflect the opinions of the State of Connecticut or the organizations and agencies contributing data.”

3. Final Publication. Subsequent to the Pre-Publication Data Review discussed in Section N(1), above, the Data Recipient shall provide the Operating Group with an electronic copy of all published work resulting from the P20 WIN Project associated with this DSA within thirty (30) days of publication.

O. Data Retention and Destruction

The Data Recipient agrees to destroy all Resultant Data and any derived data not approved for release according to Section N., by the Project End Date, stated in Section XV below, in accordance with the methods established by the “Guidance to Render Unsecured Protected Health Information Unusable, Unreadable, or Indecipherable to Unauthorized Individuals,” as established by the United States Department of Health and Human Services (HHS). The Data Recipient may request an extension of the Data Retention Period by submitting a written request that includes a justification to the Operating Group. The Data Recipient agrees to submit any extension request at least thirty (30) days prior to the P20 WIN Project End Date.

When retention of the Resultant Data is no longer justified, the Data Recipient agrees to destroy the Resultant Data and send a completed “Certification of Project Completion and Destruction or Retention of Data” form, which is attached hereto and incorporated herein as Exhibit F, to the Operating Group. The Data Recipient agrees not to retain any Resultant Data, or any parts thereof, or any derivative files that can be used in concert with other information or data sets after the aforementioned file(s) and the data are destroyed unless all of the Participating Agencies grant written authorization. The Data Recipient acknowledges that such date for retention of Resultant Data is not contingent upon action by the Data Integration Hub.

VII. MODIFICATION; ASSIGNMENT; ENTIRE AGREEMENT

This DSA may not be modified except by written agreement of the Parties. This DSA may not be assigned or transferred without the Parties’ prior written consent. Subject to the foregoing, this DSA will be binding upon and inure to the benefit of, and be enforceable by, the Parties and their successors and assigns. Notwithstanding anything to the contrary, each Party has the right to disclose the terms and conditions of this DSA to the extent necessary to establish rights or enforce obligations under this DSA.

VIII. NO FURTHER OBLIGATIONS

The Parties do not intend that any agency or partnership relationship be created by this DSA. No Party has any obligation to provide any services using or incorporating the Data unless the Participating Agency(ies) agree and approves such obligation by written amendment to this DSA pursuant to the terms of the E-MOU. Nothing in this DSA obligates the Participating Agencies to enter into any further agreement or arrangements related to the disclosure of information or Data.

IX. COMPLIANCE WITH LAW; APPLICABLE LAW

The Parties agree to comply with all applicable federal and state laws and regulations in connection with this DSA. The Parties agree that this DSA shall be governed by the laws of the State of Connecticut, without application of conflict of laws principles.

X. SOVEREIGN IMMUNITY

Nothing in this E-MOU waives the State of Connecticut's sovereign immunity from suit and all of the protections under sovereign immunity.

XI. FORUM AND CHOICE OF LAW

The Parties deem the DSA to have been made in the City of Hartford, State of Connecticut. All Parties agree that it is fair and reasonable for the validity and construction of this DSA to be, and it shall be governed by the laws and court decisions of the State of Connecticut, without giving effect to its principles of conflicts of laws. To the extent that any immunities provided by Federal law or the laws of the State of Connecticut do not bar an action against the State, and to the extent that these courts are courts of competent jurisdiction, for the purpose of venue, the complaint shall be made returnable to the Judicial District of Hartford only or shall be brought in the United States District Court for the District of Connecticut only, and shall not be transferred to any other court, provided, however, that nothing here constitutes a waiver or compromise of the sovereign immunity of the State of Connecticut. Data Recipient waives any objection which it may now have or will have to the laying of venue of any claims in any forum and further irrevocably submits to such jurisdiction in any such action or proceeding.

XII. NONDISCRIMINATION

The Parties agree, as required by sections 4a-60 and 4a-60a of the Connecticut General Statutes, not to discriminate against any person on the basis of race, color, religious creed, age, marital status, national origin, ancestry, sex, gender identity or expression, sexual orientation, status as a veteran, intellectual disability, mental disability or physical disability, including, but not limited to blindness, unless it is shown by such Party that such disability prevents performance of the work involved. Each Party agrees to comply with all applicable federal and State of Connecticut nondiscrimination and affirmative action laws, including but not limited to section 4a-60 and 4a-60a of the Connecticut General Statutes.

XIII. SEVERABILITY

If any provision of this DSA shall be held invalid by any court of competent jurisdiction, such holding shall not invalidate any other provision hereof.

XIV. COUNTERPARTS

This DSA may be executed in multiple counterparts, each one of which when so executed, shall in a digital scan or image constitute a valid and binding original.

XV. TERM

The term of this DSA is from Effective Date to May 3, 2024 (the "Project End Date"). A Party may terminate this DSA upon sixty (60) days' written notice to the other Parties, unless terminated earlier pursuant to Data Breach terms herein. The terms of this DSA that by their nature are intended to survive termination will survive any such termination as to Data provided, and performance of this DSA, prior to the date of termination, including Sections I through Sections XV.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY BLANK]

XVI. REPRESENTATIVES

The contacts for purposes of this Agreement are:

For Department of Labor:

Name: Patrick Flaherty
Title: Director of Research and Information
Contact Information
Email: Patrick.Flaherty@ct.gov

For Department of Children and Families:

Name: Fred North
Title: Program Director, Strategic Planning
Contact Information
Email: Fred.North@ct.gov

For CT Coalition to End Homelessness:

Name: Paul Schmitz
Title: Director of HMIS & Strategic Analysis
Contact Information
Email: pschmitz@cceh.org

For Data Recipient Boston Consulting Group

Name: Lane McBride
Title: Managing Director and Senior Partner
Contact Information:
mcbride.lane@bcg.com
571.334.7171

For Department of Education:

Name: Ajit Gopalakrishnan
Title: Chief Performance Officer
Contact Information
Email: Ajit.Gopalakrishnan@ct.gov

For Department of Mental Health Addiction Services:

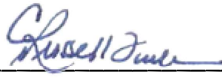
Name: Michael Giralmo
Title: Chief Quality & Data Officer
Contact Information
Email: michael.giralmo@ct.gov

IN WITNESS WHEREOF, the undersigned have executed this Data Sharing Agreement as of the Effective Date.

For Department of Labor

By: _____
Name: Danté Bartolomeo
Title: Commissioner
Date:

For Department of Education

By:  _____
Name: Charlene Russell-Tucker
Title: Commissioner
Date: May 9, 2023

For Department of Children and Families

By: _____
Name: Vanessa Dorantes
Title: Commissioner
Date:

**For Department of Mental Health and
Addiction Services**

By: _____
Name: Nancy Navarretta
Title: Commissioner
Date:

For Coalition to End Homelessness

By: _____
Name: Evonne Klein
Title: Chief Executive Officer
Date:

For Data Recipient Boston Consulting Group:

By: _____
Name: Lane McBride
Title: Managing Director and Senior Partner
Date:

IN WITNESS WHEREOF, the undersigned have executed this Data Sharing Agreement as of the Effective Date.

For Department of Labor

By: _____
Name: Danté Bartolomeo
Title: Commissioner
Date:

For Department of Education

By: _____
Name: Desi Nesmith
Title: Deputy Commissioner
Date:

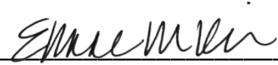
For Department of Children and Families

By: _____
Name: Vanessa Dorantes
Title: Commissioner
Date:

**For Department of Mental Health and
Addiction Services**

By: _____
Name: Nancy Navarretta
Title: Commissioner
Date:

For Coalition to End Homelessness

By:  _____
Name: Evonne Klein
Title: Chief Executive Officer
Date: 5/11/2023

For Data Recipient Boston Consulting Group:

By: _____
Name: Lane McBride
Title: Managing Director and Senior Partner
Date:

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For Department of Labor

By: _____
Name: Danté Bartolomeo
Title: Commissioner
Date:

For Department of Education

By: _____
Name: Desi Nesmith
Title: Deputy Commissioner
Date:

For Department of Children and Families

By:  _____
Name: Vanessa Dorantes
Title: Commissioner
Date: 05/11/23

**For Department of Mental Health and
Addiction Services**

By: _____
Name: Nancy Navarretta
Title: Commissioner
Date:

For Coalition to End Homelessness

By: _____
Name: Evonne Klein
Title: Chief Executive Officer
Date:

For Data Recipient Boston Consulting Group:

By: _____
Name: Lane McBride
Title: Managing Director and Senior Partner
Date:

IN WITNESS WHEREOF, the undersigned have executed this Data Sharing Agreement as of the Effective Date.

For Department of Labor

By: Dante Bartolomeo
Name: Danté Bartolomeo
Title: Commissioner
Date: 5/18/23

For Department of Education

By: _____
Name: Desi Nesmith
Title: Deputy Commissioner
Date:

For Department of Children and Families

By: _____
Name: Vanessa Dorantes
Title: Commissioner
Date:

**For Department of Mental Health and
Addiction Services**

By: _____
Name: Nancy Navarretta
Title: Commissioner
Date:

For Coalition to End Homelessness

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Name: Evonne Klein
Title: Chief Executive Officer
Date:

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By: _____
Name: Lane McBride
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Name: Vanessa Dorantes
Title: Commissioner
Date:

**For Department of Mental Health and
Addiction Services**

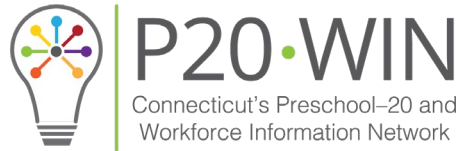
By: _____
Name: Nancy Navarretta
Title: Commissioner
Date:

For Coalition to End Homelessness

By: _____
Name: Evonne Klein
Title: Chief Executive Officer
Date:

For Data Recipient Boston Consulting Group:

By:  _____
Name: Lane McBride
Title: Managing Director and Senior Partner
Date:



SECTION 1 – GENERAL INFORMATION (To be completed by data requestor)

1. Application Submission Date: 3/17/2022
2. Project Name: Research on disengaged and disconnected youth in CT
3. Type of Project: Single
- 3.a Frequency of request if recurring: Choose an item.
4. Contact information (name / title / organization or entity / email / phone): Lane McBride/ Managing Director and Senior Partner/ mcbride.lane@bcg.com/ 3016647433
5. Requested delivery date: 4/30/2023

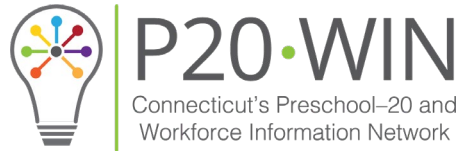
SECTION 2 – SCOPE OF DATA SHARING PROJECT (To be completed by data requestor with participating agency review)

1. What is the proposed data sharing project?

The proposed data project aims to understand the situation of young people (ages 14 to 26) who have been disengaged and disconnected from school, work, and/or pro-social institutions in the State of Connecticut. It will provide a view of the demographic and geographical concentration of these young people as well as an evaluation of the environmental characteristics that strongly influence young people's academic and employment journeys. Beyond deeply understanding the context and challenges these young people face, we plan to explore the strengths of young people, learn from those who have "beaten the odds", and identify the "assets" young people have access to (e.g., targeted supports from state agencies and organizations that serve youth populations) that enable young people to thrive. Our research aims to build on previously published work in 2016, "Untapped Potential: engaging all Connecticut youth", that also utilized data from P20 WIN participating agencies.

Previous research from 2016 revealed that one in five Connecticut students have been disengaged or disconnected from high school. This research found that 25,00 youth had been disengaged, defined as having an attendance rate less than or equal to 85%, and/or receiving two or more suspensions, and/or being incarcerated/ expelled, and/or failing two or more courses. Further, the research found that 14,000 youth had been disconnected, defined as not being enrolled in school. These populations of young people are often functionally invisible to traditional systems (e.g., education, employment).

Importantly, the analysis also found that disengagement and disconnection disproportionately affected youth of color and from low-income households; 78% of disengaged and disconnected youth were from low-income families or identified as part of a minority group (vs. 38% of all other students). Disengaged and disconnected youth were more than twice as likely to be Black or Hispanic versus all other students in the state, and nearly three times as likely to be boys of color.



Since 2016, we anticipate there being higher rates of disengagement and disconnection amongst young people, and we anticipate that identifying these young people will be more difficult due to pandemic-related restrictions on data collection.

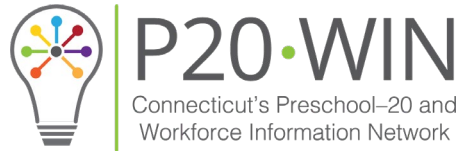
This research will culminate in a final quantitative, public-facing report that summarizes the demographic and geographic distribution of disengagement and disconnection to raise awareness of the current state of Connecticut's young people.

As Connecticut's most comprehensive, publicly requestable, State Longitudinal Data System, P20 WIN and its participating agencies are crucial to the success of this research endeavor. P20 WIN is uniquely positioned to support this research in three ways:

- First, by integrating multiple datasets across agencies, we will be able to develop a more robust understanding of the true nature and size of the populations of young people who have been disengaged and disconnected. For example, data on individuals who are not enrolled in the education system and have not graduated but are participants in the workforce would be captured in different data systems. Marrying these datasets will mean fewer Connecticut youth slip through the cracks of our analysis.
- Second, each additional agency's data will allow for a more comprehensive view of the complex systems that play a role in individual outcomes, highlighting the intersectional lived experiences of young people.
- Third, understanding how many agencies – and which agencies – young people and their families interact with will help shed light on potential points of connection with young people that may no longer be engaged with education and/or work.
- Finally, the longitudinal nature of this data set will allow for more advanced and meaningful correlational analysis. An ability to quantify the impact of the environmental characteristics that influence a young person's educational and employment outcomes will increase the actionability of the findings of the research (e.g., highlighting priority areas for intervention and investment).

2. What is the purpose of the data sharing project?

Our research aims to build on an existing body of literature that explores how a variety of environmental and systemic factors intersect to influence young people's engagement in pro-social institutions. It is critical to maintain an up-to-date understanding of young people who have been disengaged and disconnected from prosocial institutions and to identify the demographic and geographical profiles of these populations in order to better understand how to serve their needs. While "disengaged" and "disconnected" are academic terms that we believe we should continue using for purposes of consistency with the broader field of research on young people and the original 2016 report, we are also



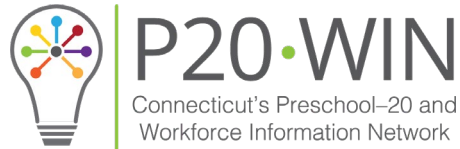
acutely aware that these terms reference an individual's circumstances – or “current *status*” – and are not a permanent characteristic of that person.¹

This research project will address 2 main objectives, each with their own set of research questions:

1. Refine our understanding of “disengaged” and “disconnected” in the context of young people in Connecticut
 - a. How many young people of high school age have been disengaged or disconnected from school today?
 - b. What are the demographic characteristics that describe these populations?
 - c. Where are there concentrations of these young people?
 - d. What are the current education outcomes for these young people in Connecticut?
 - e. What are the rates of incarceration and/ or involuntary commitment (e.g., detention, etc.) within these populations?
 - f. How does overall contact with the criminal justice system vary across the age spectrum?
 - g. What is the lived experience of disengaged and disconnected young people?
 - h. Even for young people who are disengaged or disconnected, what can we glean from the data around their strengths and resilience?
2. Examine the environmental characteristics/ risk factors that influence individual academic and employment journeys
 - h. How should we define and identify environmental characteristics/ risk factors for disengagement and disconnection?
 - i. Where and when are these students falling off-track?
 - j. Is there an observable relationship between the degree (and type) of contact with the criminal justice system and the experience of going from disengaged to disconnected?
 - k. Is there a subset of young people who became disengaged or disconnected, and then later re-engaged with their schooling or with their job? What services did they receive?
 - l. What can we learn from young people who grew up with similar experiences, but were never disengaged or disconnected?

Research objective 2 represents an important build on the original 2016 report. The world has radically changed over the past 6 years; young people in Connecticut have been deeply impacted by a range of external forces, including a public health emergency, school closures, job losses, increases in gun violence, and the trauma and opportunity that accompanies heightened public awareness of racial inequities. We hope that our current analysis can help to illustrate how those varied forces have

¹ [Disengaged Youth](#) (US Census Bureau, 2020); [Examining Disengaged Youth in Cuyahoga County](#) (The Center for Community Solutions, 2018); [Identify students at risk of disengaging](#) (Victoria State Government, 2019); [Our Young People](#) (Ernst & Young, 2016); [Disconnected Geography: A Spatial Analysis of Disconnected Youth in the United States](#) (University of North Carolina, 2016); [Out-of-School Males of Color](#) (CLASP, 2012); [Disconnected/Opportunity Youth](#) (Maryland Governor's Office for Children, 2015); [Disconnected Youth: A Look at 16 to 24 Year Olds Who Are Not Working or In School](#) (Congress Research Service, 2015)



impacted young people and their lived experiences. We anticipate that data related to mental health and substance use, in particular, will help us to answer several specific questions:

- How has the number of people accessing DMHAS services changed over time?
- How has the nature of mental health and substance use challenges young people are facing changed over time? What about the nature of services being accessed?
- How have the demographic profiles of young people accessing services provided by / funded through DMHAS changed over time?
- How has the geographic distribution of service delivery changed over time?
- How does the distribution of DMHAS services compare with the distribution of disengaged and disconnected populations in the state?

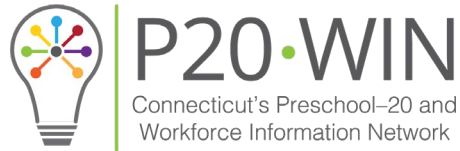
In a similar way, we believe that the incorporation of justice data into our research will enable a deeper understanding of the lived experience of young people and the factors that may contribute to disengagement and disconnection. We understand that the P20 WIN system does not currently contain data from the Judicial Branch, so we are submitting a data sharing request proposal to the Judicial Branch (in parallel to our P20 WIN request) to request data from both the Court Support Services Division and the Superior Court Operations. We will plan to use these two separate datasets to address the questions outlined under each research objective above.

The ultimate goal of this effort is to identify people who have been disengaged and disconnected and to connect them with targeted resources that enable re-engagement and re-connection with education and employment systems in a way that positively impacts long-term life outcomes. Our research is conducted in collaboration with the Connecticut Opportunity Project, an organization that aims to build the capacity of non-profits and community-based organizations who directly serve disengaged and disconnected young people in CT, and our findings will help these organizations to better serve this target population.

Through the course of the P20 WIN data request process, we have received additional questions about the data elements we're requesting from SDE, DMHAS, and DSS. In order to address the questions, we've supplemented our articulation of our research objectives above with a more detailed rationale for the data requests associated with SDE, DMHAS, and DSS below:

SDE

For SDE, discipline, special education, and test score data are particularly important to our study, because all 3 data categories are associated in the research literature with student success outcomes we care about, such as high school completion and post-secondary enrollment (which are indicators we use



to help define disengaged and disconnected).² Without attempting to infer causation, we would like to understand whether these associations hold true in Connecticut, and to what extent. We hope to leverage the analysis to identify both resilience and risk factors, i.e., what might be associated with student success, disengagement, and disconnection.

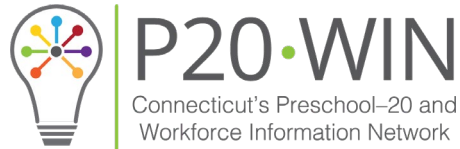
Tactically, we also intend to conduct various, first-order analyses to better understand the context of disengaged and disconnected young people, including:

- What % of young people have been suspended (an indicator we use to define disengaged young people)? And what % of disengaged and disconnected young people were identified as such because of their suspensions?
- What % of young people were in special education? And what % of disengaged and disconnected young people were placed in special education, and when?
- What % of young people met their assessment performance expectations vs. not? And what % of disengaged and disconnected young people met their assessment performance expectations vs. not?
- How does the above differ across demographic segments, including race/ethnicity, age, and geographic distribution?
- How have the above trends changed over time (e.g., impact of COVID-19 pandemic)?

Beyond discipline, special education, and test scores, we've also summarized below our rationale for the other SDE data categories in our data request:

- Adult education: we would like to know who participated in what type(s) of adult education programming, and when; helps hone our indicator of engagement (vs. disengagement or disconnection)
- Courses: we would like to know the number of courses enrolled, how many of those were successfully completed vs not, and ideally what courses were taken; credit accumulation helps with understanding academic progression of student, and course failures specifically are an indicator we use to measure disengagement with school
- Graduation: we would like to know which students graduated from high school and when / how long it took to graduate; identifying students who were unable to graduate from HS is an indicator we use to measure disengagement and disconnection
- Organization: we would like to know what type of school and which district students were enrolled in; this helps with our baseline understanding, as well as specific analyses around studying the geographic distribution of disengaged and disconnected youth, as well as studying mobility (i.e., students who transfer across schools and districts)

² "School Discipline Linked to Later Consequences" (Boudreau, 2019); "Discipline Discussions: The Impact and Harm of Exclusionary Discipline" (Office of Special Education and Rehabilitative Services – US Department of Education, 2022); "Predictors of Postsecondary Success" (American Institutes for Research, 2013)



- **Non-public schools:** we would like to know which students were enrolled in non-public schools and which of them graduated vs not; this helps us track students beyond public schools and more accurately identify disengagement and disconnection
- **NSC college enrollment:** we would like to know whether students enrolled in a post-secondary educational institution, what type they enrolled in (public vs. private, 2 vs. 4-year), if they graduated (and how long it took), and what they studied (could inform workforce trends); serves as an indicator of engagement and student success
- **Student:** we would like to know the various characteristics of students – both demographic and otherwise – to analyze how many are disengaged or disconnected within sub-groups, enabling us to develop recommendations for re-engagement

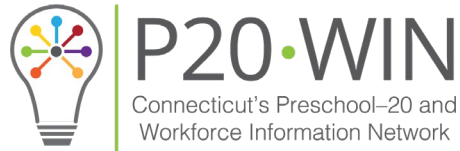
More details on the academic literature forming the basis of our inquiry:

There are vast academic literatures that explore the relationships between school-based measures—such as performance on formative and summative assessments, disciplinary infractions, attendance, and a still nascent but growing effort to quantify non-cognitive skills—and later life outcomes—such as postsecondary enrollment, educational attainment, wages, health, and happiness. In building a comprehensive student longitudinal data system across Connecticut, it is critical to plug into these literatures and perform descriptive analyses on educational, social service, and other inter-agency datasets to diagnose statewide gaps and move toward data-driven solutions. In the following we briefly cite seminal work to illustrate the connection between these measures and outcomes of significance, thereby underscoring the value in obtaining this data from Connecticut agencies.

Suspensions. *Using data from Charlotte-Mecklenburg schools, Bacher-Hicks et al. (2019) find that students assigned to high-suspension schools are more likely to be arrested and incarcerated later in life, and less likely to attend a four-year college. Male minority students are most likely to be affected by these negative outcomes. Furthermore, in a statewide analysis of North Carolina data, Gilleskie & Li (2022) find racial differences in the type of offenses for which students are suspended, while economically disadvantaged students are more likely to be suspended across all types of offenses.*

Special education. *A 2016 report found that 34% of disengaged and disconnected young people are students with disabilities or English language learners. That same year, Chesmore et al. (2016) investigated the relationship between childhood placement in special education and adult well-being using longitudinal data from Chicago. The authors found that after controlling for demographic factors and early academic achievement, children receiving special education services tended to have lower rates of high school completion and fewer years of education, as well as greater rates of incarceration, substance misuse, and depression. And in two recent studies, Ballis & Heath (2021) identified the impacts of special education by studying the effects of a Texas policy enacted in 2005. Their results suggest that appropriate special education classification is key to ensuring positive long-run outcomes.*

Academic performance (test scores). *The linking of student performance on standardized tests with later life outcomes is particularly robust. Goldhaber and Özek (2019) conducted an extensive review of the literature and found “abundant evidence suggesting a **causal** link between test scores and later life outcomes” (emphasis added). One of the seminal papers covered by Goldhaber and Özek is Chetty et al.*



(2014), which found that students who were assigned to highly effective teachers learned more as measured by tests and were also more likely to have better adult outcomes like attending college and earning higher salaries.

DMHAS

We believe DMHAS data is essential to our study, and why despite its limitations it remains an integral aspect of our data request and research protocol. We recognize the limitations of DMHAS data, in terms of DMHAS only capturing state mental health and addiction services and excluding data on private providers and municipal services. Furthermore, we understand that there are limitations regarding what implications we can / should draw from data on individuals receiving DMHAS services. On a more philosophical level, we also recognize that an individual receiving DMHAS services does not define who they are, and we are particularly interested in exploring the multi-dimensionality of young people by looking at data across agencies.

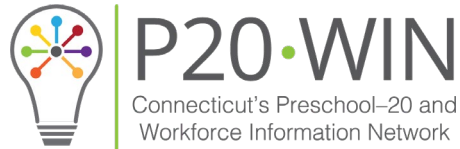
That said, we remain interested in exploring questions that are possible to investigate even with the above limitations and context. We are most interested in understanding which individuals are accessing DMHAS services, and when and where they are accessing them, because this will help us see to what extent DMHAS is connecting with young people that have few other connections to the State, an important insight as we consider channels for re-engagement. It will also be informative to understand such questions as, of those receiving DMHAS services, what % are in school vs. out of school, and what % are employed by a salaried job vs. not. This approach of conducting analyses just among those who receive DMHAS services will enable us to generate helpful insight despite the fact that the DMHAS data does not comprehensively capture the mental health services offering in CT.

Tactically, we would use the data variables to understand the following:

- Which individuals are accessing DMHAS services; when and where they are accessing DMHAS services; and, are they faced with mental health challenges, substance abuse challenges, or both
- What mental health diagnosis and/or substance abuse an individual is receiving DMHAS services for, and what DMHAS services this individual is receiving

More details on the academic literature forming the basis of our inquiry:

The pandemic highlighted and exacerbated the mental health problems that impact millions of Americans every day, while the opioid epidemic, despite pockets of progress, continues unabated in large swaths of the country. According to data tracked by Mental Health America, the number of people who took an online mental health screen in 2021 reached 5.4m, an increase of nearly 5x since 2019. Meanwhile, since 2012, there has been a gradual but significant yearly increase in the number of unintentional drug overdose deaths in Connecticut, resulting in a total of nearly 10k deaths. Coombs et al. (2021) report that sufficient healthcare access helps lead to positive long-term health outcomes, but find that providing adequate mental healthcare is especially difficult, due to “lingering social stigmas and



scarcity of services.” Indeed, prior to the pandemic, in 2018, the inaugural America’s Mental Health report found that American mental health services are insufficient, and—despite high demand—lack of access or the ability to find care are the primary causes.

Of course, addressing these crises requires not only diagnosis but also action, as access to mental health services for those in need can have profound educational and labor market outcomes. Lyon et al. (2013), for instance, find that school-based mental health services are able to explicitly target behaviors and symptoms that affect school functioning, thereby improving academic outcomes. Drawing from the NLSY79, Germinario et al. (2021) find that going from having little to no to severe depressive symptoms reduces employment by 3–18% and earnings by 11–44%.

These and other data, from surveys and longitudinal analyses alike, demonstrate the imperative of keeping and using rigorous data on those individuals who require state-provided mental health and addiction services. Policymakers and researchers can leverage this data to decipher trends and best practices in order to increase access and benefit individuals and families across the state.

DSS

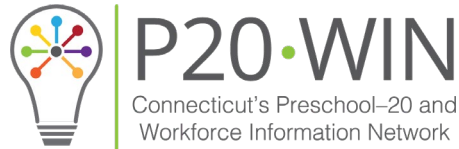
For DSS, we plan to explore the strengths of young people, learn from those who have “beaten the odds”, and identify the “assets” young people have access to (e.g., targeted supports from agencies such as DSS) that enable young people to thrive. In particular, we would be keen to understand what supports young people are receiving from DSS (e.g., food assistance, economic security / EBT, Medicaid, social work services), to both see what need exists within the community as well as see what “assets” young people are currently relying upon. Integrating this baseline understanding with the data from other agencies will enable us to see to what extent DSS is connecting with young people that have few other connections to the State, an important insight as we consider channels for re-engagement.

Tactically, we are interested in:

Basic descriptive statistics

- Enrollment statistics across different types of DSS programs such as food assistance, economic security / EBT, Medicaid, social work services
 - *The 2016 report found that CT’s disconnected youth have less stable household structures, challenges with housing, homelessness, and foster care & higher rates of transience as families confront issues of poverty and safety. We would like to understand this phenomenon more deeply through incorporating DSS data into our analysis*
- Analysis of distribution by geography (at town level, to avoid re-identification), age, race / ethnicity, etc.
- Analysis of changes over time (with a focus on COVID-19 impacts)
- Descriptive statistics based on integrating DSS dataset(s) with other P20 WIN agency datasets (e.g., SDE education data, DOL employment data)

Exploring the following questions



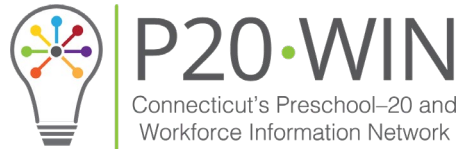
- How much usage is there of DSS services by disengaged or disconnected young people (not engaged in pro-social institutions such as education or employment)? If there is a meaningful subset of young people who can be identified using DSS data but not by SDE or DOL data, DSS and its data could serve as a helpful channel to identify and support them.
- Are there any specific DSS services that are used at higher rates by disengaged or disconnected young people?
- Is there a basis for the hypothesis that the pandemic had a disproportionate impact on disengaged and disconnected young people, as might be gleaned from changes to DSS service participation (e.g., more individuals accessing food assistance)?
- What evidence do we see of people using DSS services and then no longer needing them? Is there anything we can learn about other factors in their life changing at the same time?
- Is there a subset of young people who became disengaged or disconnected, and then later re-engaged with their schooling or with their job? What services did they receive?
- What can we glean from the data on the strengths and resilience of this target population? E.g., economic challenges at home, but continued good attendance in school?
- Even for those young people who are disengaged or disconnected, what can we glean from the data around their strengths and resilience? E.g., bright spots in school such as attendance and grades, or participation in job training programs?
- What can we learn from young people who grew up with similar experiences, but were never disengaged or disconnected?

3. How does the data sharing project further the vision, purpose and Learning Agenda of P20WIN? Please explain.

This project aligns strongly with P20 WIN's Learning Agenda topics, specifically 1) Overcoming barriers to success, 2) Student readiness, and 3) Workforce training. Our analysis aims to uncover which environmental characteristics for at-risk young people have the greatest impact on engagement and to highlight which supports make a difference for young people during critical transitions of social and educational development. Furthermore, our analysis may explore how young people who have been disengaged and disconnected interact with public workforce programs, allowing us to highlight best practices from existing workforce interventions.

SECTION 3 – INDIVIDUALS INVOLVED IN DATA SHARING PROJECT (To be completed by data requestor with participating agency review)

1. Participating Agencies from which data is being requested (Check all that apply): SDE DCF DOL DSS CCEH DMHAS



SECTION 4 - APPLICABLE CONFIDENTIALITY, PRIVACY AND SECURITY REQUIREMENTS (To be completed by data requestor with participating agency review).

1. What specific data fields and elements are to be queried or linked?³

See attachment.

2. Identify the applicable Federal and State laws and regulations for this data sharing project and specify how each requirement shall be met by this Project. Please consider consulting the resources [here](#) for review of the state and federal laws in many areas.⁴

BCG makes every effort to comply with all applicable laws and regulations. These laws include DAC 6, GDPR, all privacy database, copyright, trademark, patent, trade secret, export, and any applicable foreign or domestic anti-bribery and anti-corruption laws and regulations, including the US Foreign Corrupt Practices Act 1977 and any laws intended to implement the OECD convention on Combating Bribery of Foreign Public Officials in International Business Transactions each as amended and updated from time to time. BCG's legal team works closely with the BCG Data Protection Office and Risk Management and Information Security teams on these topics.

As detailed in other sections of this document, we do not intend to receive or handle any personally identifiable information as part of this research. However, we do believe this research request meets the FERPA exception criteria for an audit or evaluation study. In this research, the disclosure of anonymized education records will be used to "evaluate", or examine, the population of young people in the state of Connecticut who are currently enrolled in the state's education system.

3. Describe any specific steps required for matching or linking records for this request (Specify fields to use for matching and describe the flow or transfer of data for the request).

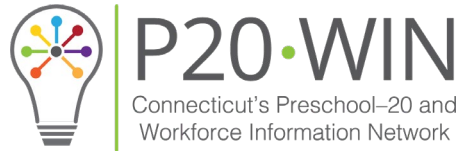
We anticipate that first name, last name, and date of birth will be the variables used most commonly to match records across datasets. Where possible, we understand that SSN may also be used as a matching variable.

4. When will the data be destroyed for the project?

The data will be kept only for the duration of the analysis as specified in the Data Sharing Agreement and will be destroyed after. BCG standard document retention policy is one year following project completion. We anticipate we will complete the project by August 2023; thus, data will be destroyed by August 2024.

³ Can be attached as a separate document with requested fields highlighted. The P20 WIN data dictionary is posted here: <https://portal.ct.gov/OPM/P20Win/Request-Data>

⁴ Data requestors will also be expected to sign a Confidentiality and Nondisclosure Agreement before receipt of data, with a template included [here](#) (attachment C).



5. If needed, describe any steps for de-identification and anonymization,⁵ including how the requestor will mitigate the risk of re-identification of individuals

Techniques such as k-anonymity shall be used to identify at-risk data. Based on the outcome of the analysis, necessary techniques such as Blurring and Suppression shall be used to minimize the risk of de-identification and protection of personally identifiable information (PII). The report will not include any individual information or PII. In line with recommendations laid out by the Data Governance Procedure, we will utilize a minimum cell size, which will be designated in the Data Sharing Agreement.

6. Describe how the data is to be transferred to the Data Recipient.

Data will be transferred via SFTP.

7. Describe the steps to safeguard any data received for this project, including how the requestor will adhere to the data security controls described in the P20 WIN E-MOU.⁶

Data will be stored on BCG laptops and on Sharepoint in accordance with BCG privacy policies and data processing agreements as well as legal guidelines for the duration of the project and automatically deleted upon completion. On Sharepoint, all at-rest data is encrypted. BCG controls the top-level key used to encrypt data within Sharepoint. BCG retains custody of this key in a separate sanctioned BCG cloud environment that BCG controls. Only authorized users have access to Sharepoint. Malware protection is employed on file upload and syncing. Sharepoint's tailored mechanisms detect ransomware. BCG policies and guidelines are binding on every BCG employee and facilitate compliance with all legal and regulatory requirements. All BCG laptops are protected with personal firewall software that is under central management. BCG laptop computers are protected with "Full Disk Encryption" (AES 256-bit) certified encryption solution. Additional security layers are integrated on the endpoint as there are Data Loss Prevention (DLP), Anti-Virus, Network Threat protection, Pro-active Threat detection (heuristics) and, if classified as high value target, with NextGen Antivirus; including update, logging and reporting mechanisms.

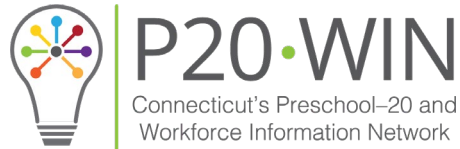
SECTION 5 – PLANS FOR DATA ANALYSIS AND REPORTING FINDINGS (To be completed by data requestor)

1. What are the plans for data analysis for the project?

We are requesting data from six participating agencies, namely: the State Department of Education (SDE), the Department of Children and Families (DCF), the Department of Labor (DOL), the Department of Social Services (DSS), the Connecticut Coalition to End Homelessness (CCEH), and the newly added Department of Mental Health and Addiction Services (DMHAS).

⁵ Definitions are in the P20 WIN enterprise memorandum of understanding (E-MOU), maintained online by OPM, here: <https://portal.ct.gov/OPM/P20Win/Governance>

⁶ Data security controls are described in the P20 WIN enterprise memorandum of understanding (E-MOU), maintained online by OPM, here: <https://portal.ct.gov/OPM/P20Win/Governance>



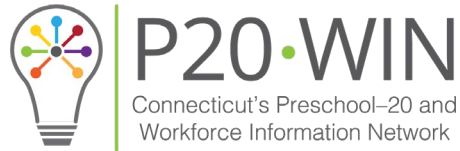
The participating agencies' data will enable us to understand more deeply disconnected and disengaged young people by looking through multiple perspectives – starting with the perspective of the young person's experience in the school system through data from SDE, but also through the perspective of jobs and career (DOL), home life (DCF), mental health and substance abuse (DMHAS), economic scarcity and economic supports (DSS), and experiences with homelessness (CCEH). We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between January 1st, 2014, and December 31st, 2022. For each individual, we are requesting data starting from January 1st, 2014, or the earliest data point record available for each individual across all nine agencies.

This research hopes to build on the analytical approach of research previously conducted in 2016, "Untapped Potential: engaging all Connecticut youth", by:

1. Extending the target population age range to 14-26 years old (vs. 14-21 years old in 2016);
2. Bifurcating the "disconnected" population into moderately disconnected and severely disconnected;
3. Expanding the framework that defines "disengaged" and "disconnected" young people to consider outcomes beyond high-school graduation (e.g., post-secondary education, employment, credits attained); and
4. Evaluating environmental characteristics (e.g., family household structure) to understand how they contribute to young people's education and employment outcomes
5. Beyond understanding the context and challenges faced by this target population, also exploring the strengths of young people, learning from those who have "beaten the odds", and identifying the "assets" young people have access to that enable them to thrive

Tactically, the proposed research would consist of five research stages that would employ a range of descriptive analysis, sensitivity analysis, correlational analysis, and categorical modelling.

1. Using descriptive analysis, we will update our aggregate view of the number and profiles of disengaged and disconnected youth under existing definitions.
2. To expand and refine the definitional framework to identify disengaged and disconnected (now separating moderately disconnected and severely disconnected) we will conduct correlation analysis to identify individual-level variables with a demonstrated link to outcomes of interest (e.g., high-school graduation, employment status) that will serve as definition criteria. We will use sensitivity analysis to define threshold levels for each individual-level variable (as relevant) to characterize individuals as disengaged, moderately disconnect or severely disconnected. These will be used to identify both "resilience" and "risk" factors
3. Using descriptive analysis, we will provide an aggregate view of the size, concentration, and demographic profile of the target populations using the newly refined definitions.



4. Finally, we will evaluate which environmental characteristics strongly influence a young person's level of engagement using correlational analysis and categorical modelling. Cohorts will be created based on the definitions and the outcome of descriptive analysis.
5. In addition, our study will supplement this data-driven perspective with a broad literature review and anthropological interviews with youth, enabling us to understand the data in context.

There are two key data challenges we anticipate:

1. **Older data will likely have gaps.** This will be addressed by establishing close relationships with data owners to ensure we have a grasp of the evolution of data collection processes in order to maintain the integrity of our analysis.
2. **Individuals' movement in and out of state may create data inconsistencies.** We plan to use an existing flag, or combination of variables that could indicate a potential movement of the individual out of the state, to improve the accuracy of our analysis.

2. What is the planned process for dissemination or publication of results before release?

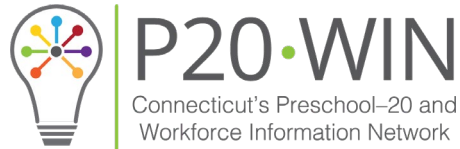
This research will culminate in a final quantitative, public-facing report that summarizes the demographic and geographic distribution of disengagement and disconnection and the resilience and risk factors that most strongly influence young people's academic and employment journeys. The primary goal of this report is to raise awareness of the current state of Connecticut's young people (e.g., serving as a resource for government officials, school administrators, and other members of the public).

There is also potential to include an accompanying, public-facing, interactive data visualization tool.

Once approved by P20 WIN, the report will be made available via the website of the Boston Consulting Group (BCG) and the Connecticut Opportunity Project (CTOP). The publication will be accompanied by a concerted dissemination push, including direct engagement with organizations across the state including youth groups, school districts, and local governments. We anticipate developing a more thorough dissemination plan as part of our ongoing work in 2023 and would be happy to consult with P20 WIN as we develop that proposed plan.

3. How will this project use data as a public asset to advance social good, making best use of public resources? What steps will be taken to ensure that one's racial identity does not influence how one fares in society? This includes the creation of racially-just policies, practices, attitudes, and cultural messages, and the elimination of structures that reinforce differential experiences and outcomes by race.

The ultimate goal of the research is to promote a better understanding of how to best identify and support Connecticut's most vulnerable young people, including to reduce disparities in outcomes across demographic groups. Additionally, the findings from this analysis can potentially function as a source of



insight for state data owners to make strategic improvements to current collection and governance practices.

Finally, this project has the potential to serve as a model for other states, creating a sustainable system to collect, analyze, and publish data on disengaged and disconnected young people. When completed, this initiative could serve as a model for numerous other states to follow and highlight Connecticut's immense investment in driving positive outcomes among its young people.

SECTION 6 – SIGNATURE FROM DATA REQUESTOR

I certify that the information supplied in this form, with attachments, is complete, accurate.

A handwritten signature in black ink that reads 'Lane W. McBride'.

_____ Date December 12, 2022

Data Requestor

Name (printed): Lane McBride

Email: McBride.Lane@bcg.com

Phone: 301-664-7433

Exhibit A

Question/Purpose for P20 WIN Data Request

P20 WIN Query Number: 0043

For each data field we are requesting, we have indicated which research objective as well as which research questions it will support. A full list of the research questions are included below:

Research objectives	Research Questions
1. Refine understanding of disengaged and disconnected young people in CT	A. How many young people are disengaged or disconnected? How has this changed over time? B. Who are they demographically? Which systems do they interact with (if any)? C. Where are there concentrations of these young people? D. What are the current education/ employment outcomes for these young people in Connecticut? E. What are the rates of incarceration across the age spectrum of these populations? F. How does overall contact with the criminal justice system vary across the age spectrum? G. What is the lived experience of disengaged and disconnected young people?
2. Examine the environmental characteristics that influence individual academic and employment journeys	H. How should we describe and identify risk factors for disengagement and disconnection? I. Where and when are young people falling off-track? J. Is there an observable relationship between the degree (and type) of contact with the criminal justice system and the experience of going from disengaged to disconnected?

Notes:

Matching variables: We have incorporated matching variables - including last name, first name, date of birth, SSN, zip code - in our data request, but we recognize it is up to each

Birth year: Given date of birth could risk re-identification, we have re-classified date of birth as a matching variable but we will no longer be asking for it in our data request. Instead, we

Gender, sex, race & ethnicity: We have asked for data elements for gender, sex, race and ethnicity in our data requests to each agency, to err toward being comprehensive vs. incomplete.

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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

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

P20 WIN Query Number: 0043

Target population: We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between Jan 1, 2014, and Dec 31, 2022. For each individual, we are requesting data starting from January 1, 2014, or the earliest data point record available for each individual.

Source Agency	Data Element Name <i>(Provide the name that is desired in the column header)</i>	Definition	Data category	Code Set value	Other Qualifier	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested
Matching									
State Department of Education	FirstName	The full legal first name given to a person at birth, baptism, or through legal change.	Student	all		matching		varchar(35)	All Available
State Department of Education	LastName	The full legal last name borne in common by members of a family. [CEDs Element: L: Student	Student	all		matching		varchar(35)	All Available
State Department of Education	SASID	Connecticut State-Assigned Student Identifier	Student	all		Matching		varchar(20)	All Available
State Department of Education	Birthdate	The date on which a person was born. [CEDs Element: Birthdate, ID:000033]	Student	all		Matching		date	All Available
State Department of Education	FakeID	A random number used to link records for an individual	Student	all		matching		integer	
Student									
State Department of Education	FakeID	A random number used to link records for an individual	Student	all		matching		integer	2006-2022
State Department of Education	FallOfYear	School year to which the collection instance applies.	Student	all				integer	2006-2022
State Department of Education	Collection Month	JUNE for any record where available, where June is not available, OCTOBER is used	Student	all				varchar	2006-2022
State Department of Education	ReportingDistrictCode	A numeric code for the district that reported the student	Student	all				varchar(10)	2006-2022
State Department of Education	ReportingDistrictName	Name of the district that reported the student	Student	all				varchar(30)	2006-2022
State Department of Education	SchoolCode	A numeric code for the school the student attended at the time of reporting	Student	all				varchar(10)	2006-2022
State Department of Education	SchoolName	Name of the school that the student attended at the time of reporting	Student	all				varchar(30)	2006-2022
State Department of Education	TownNumber	A numeric expression of a town of residence.	Student	all		1. C	enable description	integer	2006-2022
State Department of Education	TownName	Name of a town of residence. For feeder towns, this is a municipality that is not its o	Student	all		1. C	enable description	varchar(50)	2006-2022
State Department of Education	Birth year	The birth year of the student	Student	all		1. B	Enable description	date	2006-2022
State Department of Education	GradeCode	Grade reported at the time the registration record was recorded.	Student	all		1. B, D; 2. I	enable description	char(2)	2006-2022
State Department of Education	SexCode	Short version of the SexName, reported in JUNE or OCT where June is not available	Student	all		1. B	enable description	varchar(20)	2006-2022
State Department of Education	RaceEthnReportingText	The text description of the selected ethnicity/race combination as used for federal re	Student	all		1. B	enable description	varchar(50)	2006-2022
State Department of Education	LanguageName	Home language of the student	Student	all		1.A, D; 2.H	enable description	varchar(50)	2006-2022
State Department of Education	HomelessFlag	Reported in at least one of JUNE or OCT Persons who lack a fixed, regular, and adequa	Student	all		1.G; 2.H	enable description	bit	2006-2022
State Department of Education	FreeReducedLunchFlag	Indicates whether the student is eligible for free/reduced lunch. Reported in at least	Student	all		1.G; 2.H	enable description	bit	2006-2022
State Department of Education	FreeReducedLunchType	An indication of a student's participation in free, reduced price, full price breakfast, li	Student	all		1.G; 2.H	enable description	varchar(20)	2006-2022
State Department of Education	ELLFlag	Indicates whether the student participated in Title III (ELL) language instructional pro	Student	all		1. D, G; 2. H,	enable identificat	bit	2006-2022
State Department of Education	SpecialEducationFlag	Indicates whether a student has an active IEP, and receives special education instruci	Student	all		1.D	enable description	bit	2006-2022
State Department of Education	PrimaryDisabilityCode	A code or abbreviation for the type.	Student	all		1. G; 2. H, I	enable description	nvarchar(50)	2006-2022
State Department of Education	PrimaryDisabilityName	The disability condition that best describes a person's impairment. [CEDs Element: P: Student	Student	all		1. G; 2. H, I	enable description	nvarchar(100)	2006-2022
State Department of Education	GiftedAndTalentedCode	Short version of the gifted and talented type.	Student	all		1.A, D; 2.H	enable description	varchar(50)	2006-2022
State Department of Education	GiftedAndTalentedType	Long version of the gifted and talented type.	Student	all		1.A, D; 2.H	enable description	varchar(50)	2006-2022
State Department of Education	TotalAnnualISS	Student's total in-school suspension sanctions per year, at the time of each end-of-yr	Student	all		1. A, G; 2. H,	enable description	Numeric	2006-2022
State Department of Education	TotalAnnualOSS	Student's total out-of-school suspension sanctions per year, at the time of each end-	Student	all		1. A, G; 2. H,	enable description	Numeric	2006-2022
State Department of Education	DCFStatusFlag	Flag field indicating whether the student was served by the Department of Children &	Student	all		1. G; 2. H	enable description	integer	2006-2022
State Department of Education	Fac1AttendanceDays	Specific to the facility attended at the time of reporting, the total number of instructi	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	Fac1MembershipDays	Specific to the facility attended at the time of reporting, the total number of instructi	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	ChronicAbsenteeismStatus	Flag indicating whether the student was chronically absent for each school year, with	Student	all		1. A, D; 2. H	enable description	0=No, 1=Yes	2006-2022
State Department of Education	Move_School_Within_Year	indicates the number of unexpected school moves within the fall of year	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	Move_School_Before_Year	indicates the number of unexpected school moves in the summer before this fall of y	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	Move_District_Within_Year	indicates the number of unexpected district moves within the fall of year	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	Move_District_Before_Year	indicates the number of unexpected district moves in the summer before this fall of	Student	all		1. A, D	Enable description	integer	2006-2022
State Department of Education	GradDate	The date of reported high school graduation	Student	all		1. A, D	Enable description	date	2006-2022
NSC									
State Department of Education	FakeID	A random number used to link records for an individual	NSC College En	all		matching		integer	
State Department of Education	CollegeSequence	Sequence of college attendance	NSC College En	all				Numeric	2014-2022

State Department of Education	NSC_HSGraduationDate	Date student graduated from HS as reported by the college	NSC College En all		1. A, D; 2. I	enable descriptio	date	2014-2022
State Department of Education	EnrollmentBegin	Start Date of term	NSC College En all		1. D	enable descriptio	Date	2014-2022
State Department of Education	EnrollmentEnd	End date of term	NSC College En all		1. D	enable descriptio	Date	2014-2022
State Department of Education	NSC_CollegeState	State in which the college is located	NSC College En all		1. C, D	enable descriptio	character	2014-2022
State Department of Education	NSC_CollegePublicPrivate	Indicates whether the college that the student attended is a "Public" or Private" insti	NSC College En all		1. C, D; 2. H	enable descriptio	character	2014-2022
State Department of Education	NSC_Institution_Level	Type of college that the student attended: 4 = 4-year or higher institution; 2 = 2-year i	NSC College En all		1. A, D; 2. H	enable descriptio	character	2014-2022
State Department of Education	NSC_EnrollmentStatus	Full-time, Half-time, Less than half-time, Leave of absence, Withdrawn, Deceased	NSC College En all		1. A, D	enable descriptio	character	2014-2022
State Department of Education	NSC_CollegeGraduationDate	Date of student's graduation or degree achievement as provided by the reporting coll	NSC College En all		1. A, D	enable descriptio	date	2014-2022
State Department of Education	NSC_CollegeDegreeTitle	If available, the title of the degree the student received as provided by the reporting c	NSC College En all		1. D	enable descriptio	character	2014-2022
State Department of Education	NSC_CollegeMajorTitle	College major at graduation	NSC College En all		1. A, D; 2. I	enable descriptio	date	2014-2022
State Department of Education	NSC_IsCollegeGraduated	Graduation status information available from the reporting college in NSC Student Tr	NSC College En all		1. A, D	enable descriptio	character	2014-2022
Discipline								
State Department of Education	FakeID	A random number used to link records for an individual	Discipline	all		matching	integer	
State Department of Education	FallOfYear	School year to which the collection instance applies.	Discipline	all			integer	2009-2021
State Department of Education	ReportingDistrictCode	A numeric code for the district that reported the student	Discipline	all			varchar(10)	2009-2021
State Department of Education	ReportingDistrictName	Name of the district that reported the student	Discipline	all			varchar(30)	2009-2021
State Department of Education	SchoolCode	A numeric code for the school the student attended at the time of reporting	Discipline	all			varchar(10)	2009-2021
State Department of Education	SchoolName	Name of the school that the student attended at the time of reporting	Discipline	all			varchar(30)	2009-2021
State Department of Education	DaysSanctioned	Number of full or partial days the student was sactioned	Discipline	all		1. A, D, G; 2:	enable descriptio	integer
State Department of Education	IncidentType1	Categories of behavior coded for use in describing an incident. [CEDS Element: Incide	Discipline	all		1. A, G; 2: H,	enable descriptio	nvarchar(100)
State Department of Education	IncidentType1Map	Logical grouping of incident (behavior) types used by the Connecticut State Departm	Discipline	all		1. A, G; 2: H,	enable descriptio	varchar(50)
State Department of Education	SanctionType1	Identifies the consequences of an incident for the student(s) involved in an incident ;	Discipline	all		1. A, G; 2: H,	enable descriptio	varchar(100)
State Department of Education	SanctionType2	Identifies the consequences of an incident for the student(s) involved in an incident ;	Discipline	all		1. A, G; 2: H,	enable descriptio	varchar(100)
State Department of Education	ArrestedFlag	Indicates whether the student was arrested, regardless of whether the student was	Discipline	all		1. A, D, G; 2:	enable descriptio	bit
State Department of Education	BullyingIndicator	Indicates whether the incident was associated with repated negative behaviors inten	Discipline	all		1. A, G; 2: H,	enable descriptio	varchar(30)
Courses								
State Department of Education	FakeID	A random number used to link records for an individual	Courses	all	High Scl	matching	integer	
State Department of Education	FallOfYear	School year to which the collection instance applies.	Courses	all	High School Students ONLY		integer	2014-2022
State Department of Education	DistrictName	A numeric code for the district that reported the student	Courses	all	High School Students ONLY		varchar(10)	2014-2022
State Department of Education	DistrictCode	Name of the district that reported the student	Courses	all	High School Students ONLY		varchar(30)	2014-2022
State Department of Education	SchoolCode	A numeric code for the school the student attended at the time of reporting	Courses	all	High School Students ONLY		varchar(10)	2014-2022
State Department of Education	SchoolName	Name of the school that the student attended at the time of reporting	Courses	all	High School Students ONLY		varchar(30)	2014-2022
State Department of Education	CourseSchoolCode	Name of the school that provided instruction for the course	Courses	all	High School Students ONLY		varchar(30)	2014-2022
State Department of Education	CourseIDCode	3-digit code identifying the course	Courses	all	High Scl 1. D	enable descriptio	char(3)	2014-2022
State Department of Education	CourseDescription	Detailed description of the course offered	Courses	all	High Scl 1. A, D	enable descriptio	varchar(1000)	2014-2022
State Department of Education	CourseRigorCode	1 digit character value determined by school indicating the rigor level of the course	Courses	all	High Scl 1. D	enable descriptio	char(1)	2014-2022
State Department of Education	CourseRigorName	Description of the rigor level of the course	Courses	all	High Scl 1. D	enable descriptio	varchar(20)	2014-2022
State Department of Education	CourseName	Name of the course offered.	Courses	all	High Scl 1. D	enable descriptio	varchar(75)	2014-2022
State Department of Education	OutcomeGrade	Final outcome/grade for the student in the course	Courses	all	High Scl 1. A, D	enable descriptio	varchar(10)	2014-2022
State Department of Education	OutcomeGradeStatusCode	An indicator to clarify the final OUTCOME/GRADE field that describes the circumstan	Courses	all	High Scl 1. A, D	enable descriptio	char(2)	2014-2022
State Department of Education	CreditsEarned	The number of Carnegie credits the student earned in the course	Courses	all	High Scl 1. A, D	enable descriptio	numeric(5,2)	2014-2022
State Department of Education	AvailableCredit	Carnegie course credits available for a student to earn in a course.	Courses	all	High Scl 1. A, D	enable descriptio	numeric(5,2)	2014-2022
State Department of Education	SubjectAreaCode	Two-digit code indicating the broad subject area under which the course falls	Courses	all	High Scl 1. D	enable descriptio	char(2)	2014-2022
State Department of Education	SubjectAreaName	Broad category to which course belongs: (e.g. science, math, english/language arts, l	Courses	all	High Scl 1. D	enable descriptio	varchar(50)	2014-2022
State Department of Education	SessionStartDate	Start date of course instruction	Courses	all	High Scl 1. D	enable descriptio	Date	2014-2022
State Department of Education	SessionEndDate	End date of course instruction	Courses	all	High Scl 1. D	enable descriptio	Date	2014-2022
Assessment								
State Department of Education	FakeID	A random number used to link records for an individual	Assessment	all		matching	integer	2014-2022
State Department of Education	FallOfYear	School year to which the collection instance applies.	Assessment	all			integer	2014-2022
State Department of Education	AssmtFamilyTitle	The full title of the Assessment Family. An Assessment Family is a set of assessments	Assessment	all			varchar(60)	2014-2022
State Department of Education	AssmtShortName	An abbreviated title for an assessment. [CEDS Element: Assessment Short Name, ID: C	Assessment	all			varchar(30)	2014-2022
State Department of Education	AssmtTitle	The title or name of the assessment. [CEDS Element: Assessment Title, ID:000028]	Assessment	all			varchar(60)	2014-2022
State Department of Education	SubtestTitle	The name or title of the subtest. [CEDS Element: Assessment Subtest Title, ID:00027	Assessment	all			varchar(60)	2014-2022
State Department of Education	SubtestAbbreviation	The shortened name identifying the assessment for use in reference and/or reports.	Assessment	all			varchar(30)	2014-2022
State Department of Education	ScorePerfLvl_NUM	Performance level achieved for the exam.	Assessment	all			decimal(8,4)	2014-2022

State Department of Education Kindergarten Inventory	Score_NUM	Scale score achieved for the exam.	Assessment	all		decimal(8,4)	2014-2022
State Department of Education	FakeID	A random number used to link records for an individual	Assessment-KE	all	matching	integer	2008-2014
State Department of Education	KINV_Year	School year to which the collection instance applies.	Assessment	all		integer	2008-2014
State Department of Education	KEI_CreativeAesthetic	Child's Kindergarten Entrance Inventory (KEI) rating for Creative/Aesthetic skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
State Department of Education	KEI_Language	Child's Kindergarten Entrance Inventory (KEI) rating for Language skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
State Department of Education	KEI_Literacy	Child's Kindergarten Entrance Inventory (KEI) rating for Literacy skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
State Department of Education	KEI_Numeracy	Child's Kindergarten Entrance Inventory (KEI) rating for Numeracy skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
State Department of Education	KEI_PersonalSocial	Child's Kindergarten Entrance Inventory (KEI) rating for Personal/Social skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
State Department of Education	KEI_PhysicalMotor	Child's Kindergarten Entrance Inventory (KEI) rating for Physical/Motor skills, as recorded by Assessment-KE	all		1. D; 2. H, I	enable description Numeric	2008-2014
Schools							
State Department of Education	SchoolCode	A numeric code for the school	Organization	-:all	1. C, D	enable description varchar(10)	
State Department of Education	SchoolName	The name of a non-person entity such as an organization, institution, agency, business, or government agency.	Organization	-:all	1; 2	enable description varchar(120)	
State Department of Education	SchoolType	Classification of a school as Alternative School, Charter School, Intradistrict Magnet School, or Public School.	Organization	-:all	1. C, D; 2. H	enable description varchar(70)	
State Department of Education	SchoolGroupName	ID that tells whether an organization is Public or Private.	Organization	-:all	1. C, D	enable description varchar(30)	
State Department of Education	ParentDistrictCode	A seven digit representation of the parent district	Organization	-:all	1; 2	matching to outside varchar(10)	
State Department of Education	DistrictName	The name of a non-person entity such as an organization, institution, agency, business, or government agency.	Organization	-:all		varchar(120)	
State Department of Education	CharterSchoolIndicator	A school or agency providing free public elementary or secondary education to eligible students.	Organization	-:all	1. A, D	enable description bit	
State Department of Education	GradesOfferedList	A comma-separated list of the grades offered by this organization.	Organization	-:all	1. D, G; 2. H	enable description varchar(100)	
State Department of Education	InterDistrictMagnetFlag	Indicates whether the school is an interdistrict magnet school. These are schools designated as interdistrict magnet schools.	Organization	-:all	1. C, D	enable description bit	
State Department of Education	IsVOAGCenterFlag	Flag field indicating whether the school offers programs for vocational or agricultural education.	Organization	-:all	1. A, D; 2. H	enable description bit	
State Department of Education	OrganizationTypeCode	Short version of the organization type name	Organization	-:all	1. D; 2. H, I	enable description varchar(50)	
State Department of Education	OrganizationTypeName	The type of organizational entity	Organization	-:all	1. D; 2. H, I	enable description varchar(100)	
State Department of Education	ProgramTypeName	Text representation of the organization program type. Valid values include 1 - Technical, 2 - Vocational, 3 - Agricultural, 4 - Career, 5 - Other.	Organization	-:all	1. A, D	enable description varchar(50)	
State Department of Education	ShipCity	The name of the city in which an address is located. [CEDIS Element: Address City, ID: 1]	Organization	-:all	1. C, D; 2. H	enable description varchar(30)	
State Department of Education	ShipPostalCode	A number that identifies each postal delivery area in the United States used as a part of an address.	Organization	-:all	1. C, D; 2. H	enable description varchar(17)	
State Department of Education	ShipStateCode	Two-letter state code	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
State Department of Education	EffectiveStartDate	Start date for the School record	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
State Department of Education	EffectiveEndDate	End date for the School record	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
Districts							
State Department of Education	DistrictCode	A numeric code for the district. Can connect to ReportingDistrictCode	Organization	-:all		varchar(10)	
State Department of Education	DistrictGroupName	ID that tells whether an organization is Public or Private.	Organization	-:all	1. C, D	enable description varchar(30)	
State Department of Education	DistrictName	The name of a non-person entity such as an organization, institution, agency, business, or government agency.	Organization	-:all		varchar(120)	
State Department of Education	OrganizationTypeName	The type of organizational entity	Organization	-:all	1. D; 2. H, I	enable description varchar(100)	
State Department of Education	OrganizationTypeCode	Short version of the organization type name	Organization	-:all	1. D; 2. H, I	enable description varchar(50)	
State Department of Education	ShipCity	The name of the city in which an address is located. [CEDIS Element: Address City, ID: 1]	Organization	-:all	1. C, D; 2. H	enable description varchar(30)	
State Department of Education	ShipPostalCode	A number that identifies each postal delivery area in the United States used as a part of an address.	Organization	-:all	1. C, D; 2. H	enable description varchar(17)	
State Department of Education	ShipStateCode	Two-letter state code	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
State Department of Education	EffectiveStartDate	Start date for the district record	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
State Department of Education	EffectiveEndDate	End date for the district record	Organization	-:all	1. C, D; 2. H	enable description varchar(20)	
Exits							
State Department of Education	FakeID	A random number used to link records for an individual	Assessment	all	matching	integer	
State Department of Education	DistrictCode	A numeric code for the district. Can connect to ReportingDistrictCode	Exits	all		varchar	2006-2022
State Department of Education	DistrictName	The name of a non-person entity such as an organization, institution, agency, business, or government agency.	Exits	all		varchar	2006-2022
State Department of Education	ExitDate	Date of exit	Exits	all		Date	2006-2022
State Department of Education	ExitTypeCode	Short version of the ExitTypeName	Exits	all			2006-2022
State Department of Education	ExitTypeName	The circumstances under which the student exited from membership in an educator organization.	Exits	all			2006-2022

Exhibit A

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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

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: 0043

Target population: We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between Jan 1, 2014, and Dec 31, 2022. For each individual, we are requesting data starting from January 1, 2014, or the earliest data point record available for each individual.

Denotes request for birth year "data element" (rationale described on "Instructions" tab); must have / critical to our analysis

Source Agency	Data Element Name <i>(Provide the name that is desired in the column header)</i>	Definition	Data category	Program	Code Set value to be included	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested
SDE	AdultEdPrograms	A listing of the adult education programs offered. (comma separate	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	varchar(50)	2010 to 2021
	Eligible Training Provider - Program of Study by Potential Outcome (PIRL Ele	1 = A program of study leading to an industry-recognized certificate c	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2010 to 2021
	Eligible Training Provider - CIP Code (PIRL Element 1305)	This field should represent the 6-digit CIP code, without decimal poi	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2010 to 2021
	First Name	First Name	Demographic Da	Adult Educ all		matching	matching variable		2014-2022
	Last Name	Last Name	Demographic Da	Adult Educ all		matching	matching variable		2014-2022
	SSN	SSN	Demographic Da	Adult Educ all		matching	matching variable		2014-2022
	SASID	Connecticut State-Assigned Student Identifier (where available)	Demographic Da	Adult Educ all		matching	matching variable		2014-2022
	Date of Birth (PIRL Element 200)	Participant's date of birth.	Demographic Da	Adult Educ all		matching	matching variable	YYYYMMDD	2014-2022
	Birth year	The birth year of adult education student	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Employment Status at Program Entry (PIRL Element 400)	1 = Employed 2 = Employed, but Received Notice of Termination of	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Long-Term Unemployed at Program Entry (PIRL Element 402)	1 = Yes, Unemployed ≥ 27 consecutive weeks 0 = No	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Highest School Grade Completed at Program Entry (PIRL Element 407)	1 – 12 = Number of school grades completed 0 = No school grades c	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	School Status at Program Entry (PIRL Element 409)	1 = In-school, secondary school or less 2 = In-school, Alternative Scf	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Exhausting TANF Within 2 Years (PIRL Element 601)	If the participant, at program entry, is within 2 years of exhausting lif	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Foster Care Youth Status at Program Entry (PIRL Element 704)	If the participant, at program entry, is a person aged 24 or under whc	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Homeless participant, Homeless Children and Youths, or Runaway Youth at	If the participant, at program entry: (a) Lacks a fixed, regular, and ac	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Ex-Offender Status at Program Entry (PIRL Element 801)	If the participant, at program entry, is a person who either (a) has be	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Low Income Status at Program Entry (PIRL Element 802)	If the participant, at program entry, is a person who: (a) Receives, c	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited abilit	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Basic Skills Deficient/Low Levels of Literacy at Program Entry (PIRL Element	If the participant is, at program entry: A) a youth, who has English r	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Cultural Barriers at Program Entry (PIRL Element 805)	If the participant, at program entry, perceives him or herself as posse	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Single Parent at Program Entry (PIRL Element 806)	If the participant, at program entry, is single, separated, divorced or r	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Migrant and Seasonal Farmworker Status (PIRL Element 808)	1 = Seasonal Farmworker Adult 2 = Migrant Farmworker Adult 3= M	Demographic Da	Adult Educ all		1. G; 2. H, I	enables description of populat	Integer	2014-2022
	Date of Program Entry (PIRL Element 900)	The date on which an individual became a participant as referenced	Activity Data	Adult Educ all		1. D, G	Adult education, is critical for t	YYYYMMDD	2014-2022
	Date of Program Exit (PIRL Element 901)	The last date the participant received services that are not self-servi	Activity Data	Adult Educ all		1. D, G	Adult education, is critical for t	YYYYMMDD	2014-2022
	WIOA Adult Participant (PIRL Element 903)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formu	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	WIOA Dislocated Worker Participant (PIRL Element 904)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formu	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	WIOA Youth Participant (PIRL Element 905)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formu	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	Adult Education (PIRL Element 910)	If the participant received services under WIOA Title II defined as ac	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	Wagner-Peyser Employment Service (PIRL Element 918)	If the participant received services under the Wagner-Peyser Act (29	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education, is critical for t	Integer	2014-2022
	Date of Most Recent Career Service (PIRL Element 1004)	The date on which career services (both basic and individualized) we	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education, is critical for t	YYYYMMDD	2014-2022
	Date Entered Training #1 (PIRL Element 1302)	The date on which the participant's first training service actually beg	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education, is critical for t	YYYYMMDD	2014-2022
	Type of Training Service #1 (PIRL Element 1303)	4 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2014-2022
	Type of Training Service #2 (PIRL Element 1310)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2014-2022
	Type of Training Service #3 (PIRL Element 1315)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2014-2022
	Participated in Postsecondary Education During Program Participation (PIRL	1 = Yes, Participated in Postsecondary Education 0 = No, Did Not Pa	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	Enrolled in Secondary Education Program (PIRL Element 1401)	1 = Yes (participant was enrolled in a Secondary Education Program a	Activity Data	Adult Educ all		1. G; 2. H	enables description of populat	Integer	2014-2022
	Type of Recognized Credential (PIRL Element 1800)	Diplomas, degrees, licenses or certificates must be attained either d	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2014-2022
	Date Attained Recognized Credential (PIRL Element 1801)	The date on which the participant attained a recognized credential.	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	YYYYMMDD	2014-2022
	Type of Recognized Credential #2 (PIRL Element 1802)	Diplomas, degrees, licenses or certificates must be attained either d	Activity Data	Adult Educ all		1. A, D; 2. I	Adult education is critical for t	Integer	2014-2022

Date Attained Recognized Credential #2 (PIRL Element 1803)	The date on which the participant attained a second recognized credential. Diplomas, degrees, licenses or certificates must be attained either during or after program participation.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Type of Recognized Credential #3 (PIRL Element 1804)	Diplomas, degrees, licenses or certificates must be attained either during or after program participation.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	Integer	2014-2022
Date Attained Recognized Credential #3 (PIRL Element 1805)	The date on which the participant attained a third recognized credential. Diplomas, degrees, licenses or certificates must be attained either during or after program participation.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date of Most Recent Measurable Skill Gains: Educational Functioning Level	The most recent date the participant who received instruction below the level of high school graduation.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date of Most Recent Measurable Skill Gains: Postsecondary Transcript/Report Card	The most recent date of the participant's transcript or report card from a postsecondary institution.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date of Most Recent Measurable Skill Gains: Secondary Transcript/Report Card	The most recent date of the participant's transcript or report card from a secondary institution.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date of Most Recent Measurable Skill Gains: Training Milestone (PIRL Element 1806)	The most recent date that the participant had a satisfactory or better grade in a training milestone.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date of Most Recent Measurable Skill Gains: Skills Progression (PIRL Element 1807)	The most recent date the participant successfully completed an examination or assessment.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date Enrolled During Program Participation in an Education or Training Program	The date the participant was enrolled during program participation in an education or training program.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Date Completed During Program Participation in an Education or Training Program	The date the participant completes, during program participation, an education or training program.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	YYYYMMDD	2014-2022
Youth 2nd Quarter Placement (Title I) (PIRL Element 1900)	1 = enrolled in Occupational Skills Training (including advanced training); 2 = enrolled in a postsecondary institution; 3 = enrolled in a secondary institution; 4 = not enrolled in any of the above.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	Integer	2014-2022
Youth 4th Quarter Placement (Title I) (PIRL Element 1901)	1 = enrolled in Occupational Skills Training (including advanced training); 2 = enrolled in a postsecondary institution; 3 = enrolled in a secondary institution; 4 = not enrolled in any of the above.	Activity Data	Adult Education	1. A, D; 2. I	Adult education is critical for this element	Integer	2014-2022
Date Released from Incarceration (PIRL Element 2414)	If the participant was a criminal offender in a correctional institution, the date the participant was released from that institution.	Activity Data	Adult Education	1. D, F; 2. J	Enables understanding of the element	Integer	2014-2022
Incarcerated at Program Entry (PIRL Element 2413)	Date the participant was released from a correctional institution.	Activity Data	Adult Education	1. D, F; 2. J	Enables understanding of the element	YYYYMMDD	2014-2022

Exhibit A

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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 n

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 ro

P20 WIN Query Number: 0043

Target population: We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between Jan 1, 2014, and Dec 31, 2022. For each individual, we are requesting data starting from January 1, 2014, or the earliest data point record available for each individual.

Denotes request for birth year "data element" (rationale described on "Instructions" tab); must have / critical to our analysis

Source Agency	Data Element Name <i>(Provide the name that is desired in the column header)</i>	Definition	Program	Code Set value	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested
DMHAS	Provider ID	DMHAS provided Provider ID	All Programs	all	1; G; 2; H; I		Numeric	2014-2022
	Provider Record ID	Record ID in the Provider's system	All Programs	all	1; G; 2; H; I		Alpha-numeric	2014-2022
	SSN (Client)	Client's Social Security Number	All Programs	all	1; G; 2; H; I	matching variable	Numeric	2014-2022
	DOB (Client)	Client's Date of Birth	All Programs	all	1; G; 2; H; I	matching variable	Date (format MM/DD/YYYY)	2014-2022
	Birth year	Birth year of individual		all	1; B	Not directly on data dictionary. If possible, please convert from Date of Birth		2014-2022
	Last Name (Client)	Client's Last Name	All Programs	all	1; G; 2; H; I	matching variable	Alpha	2014-2022
	First Name (Client)	Client's First Name	All Programs	all	1; G; 2; H; I	matching variable	Alpha	2014-2022
	Gender (Client)	Client's Gender	All Programs	all	1; G; 2; H; I	enables description of population	Alpha-numeric	
	Race 1 (Client)	Client's Race 1	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	Race 2 (Client)	Client's Race 2	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	Ethnicity (Client)	Client's Ethnicity	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	Language1 (Client)	Client's Primary Language	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	Language2 (Client)	Client's Secondary Language (if applicable)	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	City (Client)	City in which Client lives	All Programs	all	1; G; 2; H; I	enables description of population and ac	Alpha	2014-2022
	State (Client)	State in which Client lives	All Programs	all	1; G; 2; H; I	enables description of population and ac	Alpha	2014-2022
	Program ID (Admission)	ID number of Program from DMHAS Contract	All Programs	all	1; G; 2; H; I	enables description of which services are	Alpha-Numeric	2014-2022
	Admission Date (Admission)	Date on which Client was admitted the program entered in field #35.	All Programs	all	1; G; 2; H; I	enables description of which services are	Date (format MM/DD/YYYY)	2014-2022
	Date of First Service Request (Admission)	Date on which Client first requested Services.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Date (format MM/DD/YYYY)	2014-2022
	Primary Referral Source (Admission)	Primary Source of Referral to Program.	All Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	Discharge Date (Discharge)	Date on which Client was discharged.	All Programs	all	1; G; 2; H; I	enables description of which services are	Date (format MM/DD/YYYY)	2014-2022
	Discharge Reason (Discharge)	Reason for Client's Discharge.	All Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	Co-Occurring Assessment Date (Co-Occurring Screening)	Date of the Co-Occurrence screening	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Date (format MM/DD/YYYY)	2014-2022
	MH Screening Used (Co-Occurring Screening)	Instrument used to screen Client for MH disorders.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	SA Screening Used (Co-Occurring Screening)	Instrument used to screen Client for SA disorders.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	MH Screening Score (Co-Occurring Screening)	Client's score on MH screening.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	SA Screening Score (Co-Occurring Screening)	Client's score on SA screening.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	MH Screen Mod Mini #4 (Co-Occurring Screening)	Yes response to Suicidality	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Alpha	2014-2022
	MH Screen Mod Mini #14 and #15 (Co-Occurring Screening)	Yes response to 2 Trauma Questions on Modified Mini Survey.	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Alpha	2014-2022
	SA IP Res. Admissions: Lifetime (Periodic Assmt)	Client's lifetime number of prior Admissions to Inpatient/Residential Substa	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	SA OP Admissions: Lifetime (Periodic Assmt)	Client's lifetime number of prior Admissions to Outpatient Substance Abuse	All Treatment Programs	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022
	Assessment Date (Periodic Assmt)	Date on which Assessment was performed This is part of data set collected	All Programs	all	1; G; 2; H; I	enables description of which services are	Date (format MM/DD/YYYY)	2014-2022
	Employment Status (Periodic Assmt)	Client's Employment Status at the time of the Episodic Assessment.	All Programs	all	1; G; 2; H; I	enables description of population; Ties di	Numeric	2014-2022
	Highest Grade Completed (Periodic Assmt)	Highest School Grade completed by Client at the time of the Assessment.	All Programs	all	1; G; 2; H; I	enables description of population; Ties di	Numeric	2014-2022
	Living Situation (Periodic Assmt)	Client's Living Situation at time of Episodic Assessment	All Programs	all	1; G; 2; H; I	enables description of population	Numeric	2014-2022
	Was Client Homeless in Last Six Months (Periodic Assmt)	Field indicating whether client was homeless in 6 months prior to assessme	All Programs	all	1; G; 2; H; I	enables description of population; import	Alpha	2014-2022
	Axis V Functional Score (Diagnosis)	Client's Functional Score at the time of an assessment.	All Treatment Programs	all	1; G; 2; H; I	enables description of nature of challeng	Numeric (including decimal points)	2014-2022
	Service Code (Services)	The code for a service given to a client.	Based on current requirements	all	1; G; 2; H; I	enables description of nature of challeng	Alpha-numeric	2014-2022
	Service Start Date (Services)	The first date on which a service was given to a client.	All Programs	all	1; G; 2; H; I	enables description of nature of challeng	Date (format MM/DD/YYYY)	2014-2022
	Service End Date (Services)	The end date for the specific service	All Programs	all	1; G; 2; H; I	enables description of nature of challeng	Date (format MM/DD/YYYY)	2014-2022
	Service Units (Services)	The number of units of the service	All Programs	all	1; G; 2; H; I	enables description of nature of challeng	Numeric	2014-2022
Duration of Service (Services)	The length of time of service, in minutes or days, for a client.	All Programs	all	1; G; 2; H; I	enables description of nature of challeng	Numeric	2014-2022	
Service Location ID (Services)	The code indicating the location, e.g. office, where a client received a servic	All Programs – TCM Services Only	all	1; G; 2; H; I	enables description of which services are	Numeric	2014-2022	

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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

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Source Agency <i>(Agency that possesses the element in question)</i>	Data Element Name <i>(Provide the name that is desired in the column header)</i>	Definition	Data category	Program	Code Set value	Related Research / Policy Question	Explain how this element relates to the Research Question	Years requested
Department of Labor	First Initial	First Initial of Employee	Employment	Unemployment Insurance (UI)	all	matching	matching variable	Q1 17 - Q4 22
Department of Labor	Last Name	Last Name of Employee	Employment	Unemployment Insurance (UI)	all	matching	matching variable	Q1 17 - Q4 23
Department of Labor	NAICS Code	Industry Code of Employer Paye	Employment	Unemployment Insurance (UI)	all	1. D	enables description of p	Q1 17 - Q4 24
Department of Labor	Quarter	Quarter in which wages were r	Employment	Unemployment Insurance (UI)	all	1. A, D; 2. I	enables description of p	Q1 17 - Q4 25
Department of Labor	SSN	SSN of Employee	Employment	Unemployment Insurance (UI)	all	matching	matching variable	Q1 17 - Q4 26
Department of Labor	Wage	Total wages paid by all employ	Employment	Unemployment Insurance (UI)	all	1. A, D	enables description of p	Q1 17 - Q4 27
Department of Labor	Year	Year in which wages were recei	Employment	Unemployment Insurance (UI)	all	1. A, D; 2. I	enables description of p	Q1 17 - Q4 28

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Denotes request for birth year "data element" (rationale described on "Instructions" tab); **must have / critical to our analysis**

Source Agency/ Program	Data Element Name <i>(Provide the name that is desired in the column header)</i>	Definition	Data category	Program	Code Set value	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested
Department of Labor (DOL)									
Apprenticeship Program									
	Apprentice_CompletedDate	Date of successful apprenticeship completion (mutually exclusive with TerminatedDate)	Activity Data	Apprenticeship	all	1, A, D	enables description of population	smalldatetime	2017-2022
	Apprentice_EnrolledDate	Date of apprenticeship enrollment	Activity Data	Apprenticeship	all	1, A, D	enables description of population	smalldatetime	2017-2022
	Apprentice_PriorCredit	Prior credits earned by apprentice from prior apprenticeship or training institution	Activity Data	Apprenticeship	all	1, A, D	enables description of population	int	2017-2022
	Apprentice_TerminatedDate	Date of apprenticeship exit without completion (mutually exclusive with CompletedDate)	Activity Data	Apprenticeship	all	1, A, D, G; 2, H	enables description of population	smalldatetime	2017-2022
	school_code	Assigned school code	Activity Data	Apprenticeship	all	1, A, C, D	enables description of population	int	2017-2022
	Apprentice_City	The name of the city in which the apprentice's address is located	Demographics Data	Apprenticeship	all	1, B, C		nvarchar(50)	2017-2022
	Apprentice_DOB	Date of Birth of Apprentice	Demographics Data	Apprenticeship	all	Matching	matching variable	datetime	2017-2022
	Apprentice_Birth year	Birth year of apprentice	Demographics Data	Apprenticeship	all	1, B	enables description of population; not directly on data	2017-2022	
	Apprentice_FName	First Name of Apprentice	Demographics Data	Apprenticeship	all	Matching	matching variable	nvarchar(15)	2017-2022
	Apprentice_LName	Last Name of Apprentice	Demographics Data	Apprenticeship	all	Matching	matching variable	nvarchar(20)	2017-2022
	Apprentice_Race	Apprentice race/ethnicity	Demographics Data	Apprenticeship	all	1, B	enables description of population	int	2017-2022
	Apprentice_Sex	Apprentice sex (M/F)	Demographics Data	Apprenticeship	all	1, B	enables description of population	nvarchar(1)	2017-2022
	Apprentice_SSN	SSN of Apprentice	Demographics Data	Apprenticeship	all	Matching	matching variable	int	2017-2022
	Apprentice_State	The name of the state in which the apprentice's address is located	Demographics Data	Apprenticeship	all	1, B, C	enables description of population	nvarchar(2)	2017-2022
Best Chance									
	Credential Received	Participant attained a credential? Yes/No	Activity Data	Best Chance	all	1, G; 2, H	enable description of population and identification of	2017-2022	
	Program Exit Date	Date individual exited the program.	Activity Data	Best Chance	all	1, A, D	enables description of population	2017-2022	
	Program Start Date	Date individual enrolled in the program.	Activity Data	Best Chance	all	1, A, D	enables description of population	2017-2022	
	Wages	Wage information captured on the participant.	Activity Data	Best Chance	all	1, A, G	enables description of population	2017-2022	
	Date of Birth	Date of Birth	Demographics Data	Best Chance	all	Matching	matching variable	2017-2022	
	Birth year	Birth year of individual	Demographics Data	Best Chance	all	1, B	enables description of population; not directly on data	2017-2022	
	Ethnicity	Hispanic, Not Hispanic, or Not Disclosed	Demographics Data	Best Chance	all	1, B	enables description of population	2017-2022	
	Gender	Male or Female or Not Disclosed	Demographics Data	Best Chance	all	1, B	enables description of population	2017-2022	
	Race	Race or Not Disclosed	Demographics Data	Best Chance	all	1, B	enables description of population	2017-2022	
	Workforce Region	Workforce Region from CTDOL such as East, North Central, Northwest, South	Demographics Data	Best Chance	all	1, C	enables description of population	2017-2022	
Jobs First Employment Services (JFES)									
	Credential Received	Participant attained a credential? Yes/No	Activity Data	Jobs First Employment Services	all	1, A, D	enables description of population	Integer	2017-2022
	Program Exit Date	Date individual exited the program.	Activity Data	Jobs First Employment Services	all	1, A, D; 2, I	enable description of population and	MM/DD/YYYY	2017-2022
	Program Start Date	Date individual enrolled in the program.	Activity Data	Jobs First Employment Services	all	1, A, D; 2, I	enable description of population and	MM/DD/YYYY	2017-2022
	Wages	Wage information captured on the participant.	Activity Data	Jobs First Employment Services	all	1, A, G	enables description of population	Integer	2017-2022
	Date of Birth	Date of Birth	Demographics Data	Jobs First Employment Services	all	matching	matching variable	MM/DD/YYYY	2017-2022
	Birth year	Birth year of individual	Demographics Data	Jobs First Employment Services	all	1, B	enables description of population; not directly on data	2017-2022	
	Ethnicity	Hispanic, Not Hispanic, or Not Disclosed	Demographics Data	Jobs First Employment Services	all	1, B	enables description of population	2017-2022	
	Gender	Male or Female or Not Disclosed	Demographics Data	Jobs First Employment Services	all	1, B	enables description of population	Integer	2017-2022
	Race	Race or Not Disclosed	Demographics Data	Jobs First Employment Services	all	1, B	enables description of population	Integer	2017-2022
	Workforce Region	Workforce Region from CTDOL such as East, North Central, Northwest, South	Demographics Data	Jobs First Employment Services	all	1, C	enables description of population	Integer	2017-2022
State Youth Employment Programs									
	Credential Received	Participant attained a credential? Yes/No	Activity Data	State Youth Employer	all	1, A, D	enables description of population	2017-2022	
	Program Exit Date	Date individual exited the program.	Activity Data	State Youth Employer	all	1, A, D; 2, I	enables description of population and	MM/DD/YY	2017-2022
	Program Start Date	Date individual enrolled in the program.	Activity Data	State Youth Employer	all	1, A, D; 2, I	enables description of population and	MM/DD/YY	2017-2022
	Wages	Wage information captured on the participant.	Activity Data	State Youth Employer	all	1, A, G	enables description of population	2017-2022	
	Date of Birth	Date of Birth	Demographics Data	State Youth Employer	all	Matching	matching variable	2017-2022	
	Birth year	Birth year of individual	Demographics Data	State Youth Employer	all	1, B	enables description of population; not directly on data	2017-2022	
	Ethnicity	Hispanic, Not Hispanic, or Not Disclosed	Demographics Data	State Youth Employer	all	1, B	enables description of population	2017-2022	
	Gender	Male or Female or Not Disclosed	Demographics Data	State Youth Employer	all	1, B	enables description of population	2017-2022	
	Race	Race or Not Disclosed	Demographics Data	State Youth Employer	all	1, B	enables description of population	2017-2022	
	Workforce Region	Workforce Region from CTDOL such as East, North Central, Northwest, South	Demographics Data	State Youth Employer	all	1, C	enables description of population	2017-2022	
Trade Adjustment Assistance (TAA)									
	Accountability Exit Status (PIRL Element 935)	1 = Invalid SSN or failed to disclosed SSN 2 = Retirement 0 or Blank = None of the above	Activity Data	Trade Adjustment Assistance	all	Matching	matching variable	Integer	2017-2022
	Date Completed, or Withdrew from, Training #1 (PIRL Element 1308)	The date when the participant completed training or withdrew permanently	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date Completed, or Withdrew from, Training #2 (PIRL Element 1313)	The date when the participant completed training or withdrew permanently	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date Completed, or Withdrew from, Training #3 (PIRL Element 1318)	The date when the participant completed training or withdrew permanently	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date Entered Training #1 (WIOA)(PIRL Element 1302)	The date on which the participant's first training service actually began.	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date Entered Training #2 (PIRL Element 1309)	The date on which the participant's second training service actually began.	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date Entered Training #3 (PIRL Element 1314)	The date on which the participant's third training service actually began.	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date of Program Entry (PIRL Element 900)	The date on which an individual became a participant as referenced in 20 CFR 640.101	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Date of Program Exit (PIRL Element 901)	The last date the participant received services that are not self-service, infornt of the program	Activity Data	Trade Adjustment Assistance	all	1, A, D; 2, I	enables description of population and	YYYYMMDD	2017-2022
	Determined Eligible for TAA (PIRL Element 928)	If the individual was determined eligible for the Trade Program. 1 = Yes 0 = No	Activity Data	Trade Adjustment Assistance	all	1, A, D	enables description of population	Integer	2017-2022
	Economic/Labor Market Area and Physical Location Code	The code (maximum of 9-digits) of the economic/labor market area and physical location	Activity Data	Trade Adjustment Assistance	all	1, A, D		Numeric	2017-2022
	Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased	Activity Data	Trade Adjustment Assistance	all	1, A, D, G; 2, H	enables description of population and	Integer	2017-2022
	Training Completed #1 (PIRL Element 1307)	4 = Yes 0 = No (Withdrew) Leave blank if the participant did not receive a credential	Activity Data	Trade Adjustment Assistance	all	1, A, D	enables description of population	Integer	2017-2022

Training Completed #2 (PIRL Element 1312)	4 = Yes 0 = No (Withdraw) Leave blank if the participant did not receive a s Activity Data	Trade Adjustment Assis all	1, A, D	enables description of population	Integer	2017-2022
Training Completed #3 (PIRL Element 1317)	4 = Yes 0 = No (Withdraw) Leave blank if the participant did not receive a thir Activity Data	Trade Adjustment Assis all	1, A, D	enables description of population	Integer	2017-2022
Type of Training Service #1 (WIOA) (PIRL Element 1303)	4 = On the Job Training (non-WIOA Youth), 02 = Skill Upgrading 03 = Entrepreneur Activity Data	Trade Adjustment Assis all	1, A, D	enables description of population	Integer	2017-2022
Type of Training Service #2 (WIOA) (PIRL Element 1310)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepreneur Activity Data	Trade Adjustment Assis all	1, A, D	enables description of population	Integer	2017-2022
Type of Training Service #3 (WIOA) (PIRL Element 1315)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepreneur Activity Data	Trade Adjustment Assis all	1, A, D	enables description of population	Integer	2017-2022
Zip Code of Residence (PIRL Element 103)	5-digit zip code of the primary domicile of the participant.	Activity Data	Trade Adjustment Assis all	matching	matching variable	Numeric
American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Category Of Disability (PIRL Element 203)	1 = Physical/Chronic Health Condition 2 = Physical/Mobility Impairment 3 = N	Demographics Data	Trade Adjustment Assis all	1, G; 2, H	enables description of population ar	Integer
Date of Birth (PIRL Element 200)	Participant's date of birth.	Demographics Data	Trade Adjustment Assis all	matching	matching variable	YYYYMMDD
Birth year	Birth year of individual	Demographics Data	Trade Adjustment Assistance (T) 1, B	enables description of population; not directly on dat		2017-2022
English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited ability in spea	Demographics Data	Trade Adjustment Assis all	1, D, G; 2, H	enables description of population ar	Integer
Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Individual with a Disability (PIRL Element 202)	If the participant indicates that he/she has any "disability", as defined in Sectr	Demographics Data	Trade Adjustment Assis all	1, G; 2, H	enables description of population ar	Integer
Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Other Public Assistance Recipient (PIRL Element 604)	If the participant is a person who is receiving or has received cash assistance	Demographics Data	Trade Adjustment Assis all	1, G	enables description of population	Integer
Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population	Integer
Single Parent at Program Entry (PIRL Element 806)	If the participant, at program entry, is single, separated, divorced or a widow	Demographics Data	Trade Adjustment Assis all	1, G; 2, H, I	enables description of population ar	Integer
White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Trade Adjustment Assis all	1, B	enables description of population ar	Integer
Social Security Number (PIRL Element 2700)	The Social Security Number (SSN) assigned to the participant. NOTE: THE SSN Employment	Trade Adjustment Assis all	matching	matching variable	Numeric	2017-2022
Wagner-Peyser						
Accountability Exit Status (PIRL Element 935)	1 = Invalid SSN or failed to disclosed SSN 2 = Retirement 0 or Blank = None of Activity Data	Wagner-Peyser	all	matching	matching variable	Integer
Apprenticeship Program (PIRL Element 931)	1 if the participant entered into a Registered Apprenticeship Program (RAP) o Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
County Code of Residence (PIRL Element 102)	3-digit FIPS Code of the County of the primary domicile of the participant.	Activity Data	Wagner-Peyser	all	1, C	enables description of population
Date of Program Entry (PIRL Element 900)	The date on which an individual became a participant as referenced in 20 CFR Activity Data	Wagner-Peyser	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date of Program Exit (PIRL Element 901)	The last date the participant received services that are not self-service, infor Activity Data	Wagner-Peyser	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Economic/Labor Market Area and Physical Location Code	The code (maximum of 9-digits) of the economic/labor market area and phys Activity Data	Wagner-Peyser	all		Numeric	2017-2022
Indian and Native American Programs (PIRL Element 913)	If the participant received services under WIOA Title I-D, Section 166 OR if the Activity Data	Wagner-Peyser	all	1, B	enables description of population	Integer
Individual With A Disability LMSHA Services (PIRL Element 205)	If the participant has received services funded by a local or state mental health Activity Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar	Integer
Office Name (PIRL Element 2702)	The Office Name from which the participant received services Leave blank if t Activity Data	Wagner-Peyser	all	1, C	enables description of population	Character
Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased	Activity Data	Wagner-Peyser	all	1, A, D, G; 2, H	enables description of population ar
Other WIOA or Non-WIOA Programs (PIRL Element 922)	If the participant received employment and training (E&T) services from the S Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
Wagner-Peyser Employment Service (PIRL Element 918)	If the participant received services under the Wagner-Peyser Act (29 USC 49 e Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
WIOA Adult Participant (PIRL Element 903)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
WIOA Dislocated Worker Participant (PIRL Element 904)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
WIOA Youth Participant (PIRL Element 905)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	Wagner-Peyser	all	1, A, D	enables description of population	Integer
Zip Code of Residence (PIRL Element 103)	5-digit zip code of the primary domicile of the participant.	Activity Data	Wagner-Peyser	all	matching	Numeric
American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
Basic Skills Deficient/Low Levels of Literacy at Program Entry (PIRL Elemen	If the participant is, at program entry: A) a youth, who has English reading, wr	Demographics Data	Wagner-Peyser	all	1, A, D, G; 2, H	enables description of population ar
Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
Category Of Disability (PIRL Element 203)	1 = Physical/Chronic Health Condition 2 = Physical/Mobility Impairment 3 = M	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Date of Birth (PIRL Element 200)	Participant's date of birth.	Demographics Data	Wagner-Peyser	all	matching	YYYYMMDD
Birth year	Birth year of participant	Demographics Data	Wagner-Peyser	1, B	enables description of population; not directly on dat	2017-2022
English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited ability in spea	Demographics Data	Wagner-Peyser	all	1, D, G; 2, H	enables description of population ar
Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
Ex-Offender Status at Program Entry (PIRL Element 801)	If the participant, at program entry, is a person who either (a) has been subj	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Foster Care Youth Status at Program Entry (PIRL Element 704)	If the participant, at program entry, is a person aged 24 or under who is curr	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Homeless participant, Homeless Children and Youths, or Runaway Youth a	If the participant, at program entry: (a) Lacks a fixed, regular, and adequate ni	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Individual with a Disability (PIRL Element 202)	If the participant indicates that he/she has any "disability", as defined in Sectr	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Low Income Status at Program Entry (PIRL Element 802)	If the participant, at program entry, is a person who: (a) Receives, or in the 6	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
School Status at Program Entry (PIRL Element 409)	1 = In-school, secondary school or less 2 = In-school, Alternative School 3 = In-	Demographics Data	Wagner-Peyser	all	1, A, D	enables description of population
Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
Single Parent at Program Entry (PIRL Element 806)	If the participant, at program entry, is single, separated, divorced or a widow	Demographics Data	Wagner-Peyser	all	1, G; 2, H	enables description of population ar
White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	Wagner-Peyser	all	1, B	enables description of population
WIOA Adult						
Accountability Exit Status (PIRL Element 935)	1 = Invalid SSN or failed to disclosed SSN 2 = Retirement 0 or Blank = None of Activity Data	WIOA Adult	all	matching	matching variable	Integer
Adult Education (PIRL Element 910)	If the participant received services under WIOA Title II defined as academic ins Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer
Apprenticeship Program (PIRL Element 931)	1 if the participant entered into a Registered Apprenticeship Program (RAP) o Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer
County Code of Residence (PIRL Element 102)	3-digit FIPS Code of the County of the primary domicile of the participant.	Activity Data	WIOA Adult	all	1, C	enables description of population
Date Completed, or Withdrawn from, Training #1 (PIRL Element 1308)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date Completed, or Withdrawn from, Training #2 (PIRL Element 1313)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date Completed, or Withdrawn from, Training #3 (PIRL Element 1318)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date Entered Training #1 (WIOA) (PIRL Element 1302)	The date on which the participant's first training service actually began. Leave Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date Entered Training #2 (PIRL Element 1309)	The date on which the participant's second training service actually began. Lt Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Date Entered Training #3 (PIRL Element 1314)	The date on which the participant's third training service actually began. If th Activity Data	WIOA Adult	all	1, A, D; 2, I	enables description of population an	YYYYMMDD
Economic/Labor Market Area and Physical Location Code	The code (maximum of 9-digits) of the economic/labor market area and phys Activity Data	WIOA Adult	all		Numeric	2017-2022
Indian and Native American Programs (PIRL Element 913)	If the participant received services under WIOA Title I-D, Section 166 OR if the Activity Data	WIOA Adult	all	1, B	enables description of population	Integer
Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased	Activity Data	WIOA Adult	all	1, A, D, G; 2, H	enables description of population ar
Received Training (WIOA) (PIRL Element 1300)	1 = Yes 0 = No	Activity Data	WIOA Adult	all	1, A, D	enables description of population
Received training from program(s) operated by the private sector (PIRL Ele	1 = Yes (received training services from one or more programs operated by the Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer
Senior Community Service Employment Program (PIRL Element 920)	The 14 character grant number if the participant received services under Title Activity Data	WIOA Adult	all	1, A, D	enables description of population	Numeric

Training Completed #1 (PIRL Element 1307)	1 = Yes 0 = No (Withdraw)	Leave blank if the participant did not receive a	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022
Training Completed #2 (PIRL Element 1312)	1 = Yes 0 = No (Withdraw)	Leave blank if the participant did not receive a	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022
Training Completed #3 (PIRL Element 1317)	1 = Yes 0 = No (Withdraw)	Leave blank if the participant did not receive a	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022
Type of Training Service #1 (WIOA) (PIRL Element 1303)	01 = On the Job Training (non-WIOA Youth). 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Training Service #2 (WIOA) (PIRL Element 1310)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Training Service #3 (WIOA) (PIRL Element 1315)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Work Experience (PIRL Element 1205)	2 = Summer employment/Internships during the summer (WIOA Youth) 2 = Er	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Adult Participant (PIRL Element 903)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Dislocated Worker Participant (PIRL Element 904)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Youth Participant (PIRL Element 905)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
Zip Code of Residence (PIRL Element 103)	5-digit zip code of the primary domicile of the participant.	Activity Data	WIOA Adult	all	1, C	enables description of population	Numeric	2017-2022	
American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
Basic Skills Deficient/Low Levels of Literacy at Program Entry (PIRL Element 213)	If the participant is, at program entry: A) a youth, who has English reading, wr	Demographics Data	WIOA Adult	all	1, A, D, G; 2, H	enables description of population	Integer	2017-2022	
Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
Category Of Disability (PIRL Element 203)	1 = Physical/Chronic Health Condition 2 = Physical/Mobility Impairment 3 = N	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Date of Birth (PIRL Element 200)	Participant's date of birth.	Demographics Data	WIOA Adult	all	matching	matching variable	YYYYMMDD	2017-2022	
Birth year	Birth year of individual	Demographics Data	WIOA Adult	all	1, B	enables description of population; not directly on dat	2017-2022		
English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited ability in spea	Demographics Data	WIOA Adult	all	1, D, G; 2, H	enables description of population	Integer	2017-2022	
Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
Ex-Offender Status at Program Entry (PIRL Element 801)	If the participant, at program entry, is a person who either (a) has been subje	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Foster Care Youth Status at Program Entry (PIRL Element 704)	If the participant, at program entry, is a person aged 24 or under who is currer	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Homeless participant, Homeless Children and Youths, or Runaway Youth a	If the participant, at program entry: (a) Lacks a fixed, regular, and adequate ni	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Individual with a Disability (PIRL Element 202)	If the participant indicates that he/she has any "disability", as defined in Secti	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Low Income Status at Program Entry (PIRL Element 802)	If the participant, at program entry, is a person who: (a) Receives, or in the 6 i	Demographics Data	WIOA Adult	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Migrant and Seasonal Farmworker Status (PIRL Element 808)	1 = Seasonal Farmworker Adult 2 = Migrant Farmworker Adult 3= MSFW Youth	Demographics Data	WIOA Adult	all	1, A, D, G; 2, H	enables description of population	Integer	2017-2022	
Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
Other Public Assistance Recipient (PIRL Element 604)	If the participant is a person who is receiving or has received cash assistance o	Demographics Data	WIOA Adult	all	1, G	enables description of population	Integer	2017-2022	
School Status at Program Entry (PIRL Element 409)	1 = In-school, secondary school or less 2 = In-school, Alternative School 3 = in-	Demographics Data	WIOA Adult	all	1, A, D	enables description of population	Integer	2017-2022	
Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Adult	all	1, B	enables description of population	Integer	2017-2022	
WIOA Dislocated Workers									
Accountability Exit Status (PIRL Element 935)	1 = Invalid SSN or failed to disclosed SSN 2 = Retirement 0 or Blank = None of	Activity Data	WIOA Dislocated Work	all	matching	matching	Integer	2017-2022	
Adult Education (PIRL Element 910)	If the participant received services under WIOA Title II defined as academic in	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Apprenticeship Program (PIRL Element 931)	1 if the participant entered into a Registered Apprenticeship Program (RAP) o	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
County Code of Residence (PIRL Element 102)	3-digit FIPS Code of the County of the primary domicile of the participant.	Activity Data	WIOA Dislocated Work	all	1, B	enables description of population	Numeric	2017-2022	
Date Completed, or Withdraw from, Training #1 (PIRL Element 1308)	The date when the participant completed training or withdrew permanently f	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Date Completed, or Withdraw from, Training #2 (PIRL Element 1313)	The date when the participant completed training or withdrew permanently f	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Date Completed, or Withdraw from, Training #3 (PIRL Element 1318)	The date when the participant completed training or withdrew permanently f	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Date Entered Training #1 (WIOA) (PIRL Element 1302)	The date on which the participant's first training service actually began. Leave	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Date Entered Training #2 (PIRL Element 1309)	The date on which the participant's second training service actually began. L	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Date Entered Training #3 (PIRL Element 1314)	The date on which the participant's third training service actually began. If th	Activity Data	WIOA Dislocated Work	all	1, A, D; 2, 1	enables description of population	Integer	2017-2022	
Economic/Labor Market Area and Physical Location Code	The code (maximum of 9-digits) of the economic/labor market area and phys	Activity Data	WIOA Dislocated Work	all		Numeric	2017-2022		
Indian and Native American Programs (PIRL Element 913)	If the participant received services under WIOA Title I-D, Section 166 OR if the	Activity Data	WIOA Dislocated Work	all	1, B	enables description of population	Integer	2017-2022	
Occupational Skills Training Code #1 (PIRL Element 1306)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1	Activity Data	WIOA Dislocated Work	all	1, D	enables description of population	Numeric	2017-2022	
Occupational Skills Training Code #2 (PIRL Element 1311)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1	Activity Data	WIOA Dislocated Work	all	1, D	enables description of population	Numeric	2017-2022	
Occupational Skills Training Code #3 (PIRL Element 1316)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1	Activity Data	WIOA Dislocated Work	all	1, D	enables description of population	Numeric	2017-2022	
Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased	Activity Data	WIOA Dislocated Work	all	1, A, D, G; 2, H	enables description of population	Integer	2017-2022	
Received Training (WIOA) (PIRL Element 1300)	1 = Yes 0 = No	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Received training from program(s) operated by the private sector (PIRL Ele	2 = Yes (received training services from one or more programs operated by the	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Senior Community Service Employment Program (PIRL Element 920)	The 14 character grant number if the participant received services under Title	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Numeric	2017-2022	
Training Completed #1 (PIRL Element 1307)	2 = Yes 0 = No (Withdraw) Leave blank if the participant did not receive a	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Training Completed #2 (PIRL Element 1312)	2 = Yes 0 = No (Withdraw) Leave blank if the participant did not receive a	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Training Completed #3 (PIRL Element 1317)	2 = Yes 0 = No (Withdraw) Leave blank if the participant did not receive a	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Training Service #1 (WIOA) (PIRL Element 1303)	2 = On the Job Training (non-WIOA Youth). 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Training Service #2 (WIOA) (PIRL Element 1310)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Training Service #3 (WIOA) (PIRL Element 1315)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Type of Work Experience (PIRL Element 1205)	3 = Summer employment/Internships during the summer (WIOA Youth) 2 = Er	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Adult Participant (PIRL Element 903)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Dislocated Worker Participant (PIRL Element 904)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
WIOA Youth Participant (PIRL Element 905)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State	Activity Data	WIOA Dislocated Work	all	1, A, D	enables description of population	Integer	2017-2022	
Zip Code of Residence (PIRL Element 103)	5-digit zip code of the primary domicile of the participant.	Activity Data	WIOA Dislocated Work	all	matching	matching variable	Numeric	2017-2022	
American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Dislocated Work	all	1, B	enables description of population	Integer	2017-2022	
Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Dislocated Work	all	1, B	enables description of population	Integer	2017-2022	
Basic Skills Deficient/Low Levels of Literacy at Program Entry (PIRL Element 213)	If the participant is, at program entry: A) a youth, who has English reading, wr	Demographics Data	WIOA Dislocated Work	all	1, A, D, G; 2, H	enables description of population	Integer	2017-2022	
Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Dislocated Work	all	1, B	enables description of population	Integer	2017-2022	
Category Of Disability (PIRL Element 203)	1 = Physical/Chronic Health Condition 2 = Physical/Mobility Impairment 3 = N	Demographics Data	WIOA Dislocated Work	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Date of Birth (PIRL Element 200)	Participant's date of birth.	Demographics Data	WIOA Dislocated Work	all	matching	matching variable	YYYYMMDD	2017-2022	
Birth year	Birth year of individual	Demographics Data	WIOA Dislocated Workers	all	1, B	enables description of population; not directly on dat	2017-2022		
English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited ability in spea	Demographics Data	WIOA Dislocated Work	all	1, D, G; 2, H	enables description of population	Integer	2017-2022	
Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify	Demographics Data	WIOA Dislocated Work	all	1, B	enables description of population	Integer	2017-2022	
Ex-Offender Status at Program Entry (PIRL Element 801)	If the participant, at program entry, is a person who either (a) has been subje	Demographics Data	WIOA Dislocated Work	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Foster Care Youth Status at Program Entry (PIRL Element 704)	If the participant, at program entry, is a person aged 24 or under who is currer	Demographics Data	WIOA Dislocated Work	all	1, G; 2, H	enables description of population	Integer	2017-2022	
Homeless participant, Homeless Children and Youths, or Runaway Youth a	If the participant, at program entry: (a) Lacks a fixed, regular, and adequate ni	Demographics Data	WIOA Dislocated Work	all	1, G; 2, H	enables description of population	Integer	2017-2022	

Individual with a Disability (PIRL Element 202)	If the participant indicates that he/she has any "disability", as defined in Sectr Demographics Data	WIOA Dislocated Worker	all	1. G; 2. H	enables description of population an	Integer	2017-2022
Low Income Status at Program Entry (PIRL Element 802)	If the participant, at program entry, is a person who: (a) Receives, or in the 6 r Demographics Data	WIOA Dislocated Worker	all	1. G; 2. H	enables description of population an	Integer	2017-2022
Migrant and Seasonal Farmworker Status (PIRL Element 808)	1 = Seasonal Farmworker Adult 2 = Migrant Farmworker Adult 3= MSFW Youth Demographics Data	WIOA Dislocated Worker	all	1. A, D, G; 2. H	enables description of population an	Integer	2017-2022
Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Dislocated Worker	all	1. B	enables description of population	Integer	2017-2022
Other Public Assistance Recipient (PIRL Element 604)	If the participant is a person who is receiving or has received cash assistance o Demographics Data	WIOA Dislocated Worker	all	1. G	enables description of population	Integer	2017-2022
Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify Demographics Data	WIOA Dislocated Worker	all	1. B	enables description of population	Integer	2017-2022
White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Dislocated Worker	all	1. B	enables description of population	Integer	2017-2022
WIOA Youth							
Accountability Exit Status (PIRL Element 935)	1 = Invalid SSN or failed to disclosed SSN 2 = Retirement 0 or Blank = None of Activity Data	WIOA Youth	all	matching		Integer	2017-2022
Adult Education (PIRL Element 910)	If the participant received services under WIOA Title II defined as academic in: Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Apprenticeship Program (PIRL Element 931)	1 if the participant entered into a Registered Apprenticeship Program (RAP) o Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
County Code of Residence (PIRL Element 102)	3-digit FIPS Code of the County of the primary domicile of the participant. Activity Data	WIOA Youth	all	1. C	enables description of population	Numeric	2017-2022
Date Completed, or Withdrew from, Training #1 (PIRL Element 1308)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date Completed, or Withdrew from, Training #2 (PIRL Element 1313)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date Completed, or Withdrew from, Training #3 (PIRL Element 1318)	The date when the participant completed training or withdrew permanently f Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date Entered Training #1 (WIOA)(PIRL Element 1302)	The date on which the participant's first training service actually began. Leave Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date Entered Training #2 (PIRL Element 1309)	The date on which the participant's second training service actually began. Lr Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date Entered Training #3 (PIRL Element 1314)	The date on which the participant's third training service actually began. If th Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date of Completion of Youth Services (PIRL Element 1416)	The date the participant received their last service in the WIOA Youth program Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date of Program Entry (PIRL Element 900)	The date on which an individual became a participant as referenced in 20 CFR Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Date of Program Exit (PIRL Element 901)	The last date the participant received services that are not self-service, inform Activity Data	WIOA Youth	all	1. A, D; 2. I	enables decription of population an	YYYYMMDD	2017-2022
Economic/Labor Market Area and Physical Location Code	The code (maximum of 9-digits) of the economic/labor market area and physil Activity Data	WIOA Youth	all	1. A, D	enables description of population	Numeric	2017-2022
Indian and Native American Programs (PIRL Element 913)	If the participant received services under WIOA Title I-D, Section 166 OR if the Activity Data	WIOA Youth	all			Integer	2017-2022
Occupational Skills Training Code #1 (PIRL Element 1306)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1 c Activity Data	WIOA Youth	all	1. D	enables description of population	Numeric	2017-2022
Occupational Skills Training Code #2 (PIRL Element 1311)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1 c Activity Data	WIOA Youth	all	1. D	enables description of population	Numeric	2017-2022
Occupational Skills Training Code #3 (PIRL Element 1316)	8 digit O*NET SOC 2019 taxonomy occupational code (database version 25.1 c Activity Data	WIOA Youth	all	1. D	enables description of population	Numeric	2017-2022
Other Reasons for Exit (PIRL Element 923)	01 = Institutionalized 02 = Health/Medical 03 = Deceased Activity Data	WIOA Youth	all	1. A, D, G; 2. H	enables description of population ar	Integer	2017-2022
Received Training (WIOA)(PIRL Element 1300)	1 = Yes 0 = No Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Received training from program(s) operated by the private sector (PIRL Ele	3 = Yes (received training services from one or more programs operated by the Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Training Completed #1 (PIRL Element 1307)	3 = Yes 0 = No (Withdrew) Leave blank if the participant did not receive a Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Training Completed #2 (PIRL Element 1312)	3 = Yes 0 = No (Withdrew) Leave blank if the participant did not receive a s Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Training Completed #3 (PIRL Element 1317)	3 = Yes 0 = No (Withdrew) Leave blank if the participant did not receive a thir Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Type of Training Service #1 (WIOA) (PIRL Element 1303)	3 = On the Job Training (non-WIOA Youth), 02 = Skill Upgrading 03 = Entrepren Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Type of Training Service #2 (WIOA) (PIRL Element 1310)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Type of Training Service #3 (WIOA)(PIRL Element 1315)	01 = On the Job Training (non-WIOA Youth) 02 = Skill Upgrading 03 = Entrepren Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Type of Work Experience (PIRL Element 1205)	4 = Summer employment/Internships during the summer (WIOA Youth) 2 = Er Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
WIOA Adult Participant (PIRL Element 903)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
WIOA Dislocated Worker Participant (PIRL Element 904)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
WIOA Youth Participant (PIRL Element 905)	1 = Yes, Local Formula 2 = Yes, Statewide 3 = Yes, Both Local Formula and State Activity Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Zip Code of Residence (PIRL Element 103)	5-digit zip code of the primary domicile of the participant. Activity Data	WIOA Youth	all	matching	matching variable	Numeric	2017-2022
American Indian / Alaska Native (PIRL Element 211)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
Asian (PIRL Element 212)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
Basic Skills Deficient/Low Levels of Literacy at Program Entry (PIRL Eleme	If the participant is, at program entry: A) a youth, who has English reading, wr Demographics Data	WIOA Youth	all	1. A, D, G; 2. H	enables description of population ar	Integer	2017-2022
Black / African American (PIRL Element 213)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
Category Of Disability (PIRL Element 203)	1 = Physical/Chronic Health Condition 2 = Physical/Mobility Impairment 3 = N Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Date of Birth (PIRL Element 200)	Participant's date of birth. Demographics Data	WIOA Youth	all	matching	matching variable	YYYYMMDD	2017-2022
Birth year	Birth year of individual Demographics Data	WIOA Youth	all	1. B	enables description of population; not directly on dat		2017-2022
English Language Learner at Program Entry (PIRL Element 803)	If the participant, at program entry, is a person who has limited ability in spea Demographics Data	WIOA Youth	all	1. D, G; 2. H	enables description of population ar	Integer	2017-2022
Ethnicity: Hispanic / Latino (PIRL Element 210)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
Ex-Offender Status at Program Entry (PIRL Element 801)	If the participant, at program entry, is a person who either (a) has been subjec Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Foster Care Youth Status at Program Entry (PIRL Element 704)	If the participant, at program entry, is a person aged 24 or under who is currer Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Homeless participant, Homeless Children and Youths, or Runaway Youth a	If the participant, at program entry: (a) Lacks a fixed, regular, and adequate ni Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Individual with a Disability (PIRL Element 202)	If the participant indicates that he/she has any "disability", as defined in Sectr Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Low Income Status at Program Entry (PIRL Element 802)	If the participant, at program entry, is a person who: (a) Receives, or in the 6 r Demographics Data	WIOA Youth	all	1. G; 2. H	enables description of population ar	Integer	2017-2022
Migrant and Seasonal Farmworker Status (PIRL Element 808)	1 = Seasonal Farmworker Adult 2 = Migrant Farmworker Adult 3= MSFW Youth Demographics Data	WIOA Youth	all	1. A, D, G; 2. H	enables description of population ar	Integer	2017-2022
Native Hawaiian / Other Pacific Islander (PIRL Element 214)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
Other Public Assistance Recipient (PIRL Element 604)	If the participant is a person who is receiving or has received cash assistance o Demographics Data	WIOA Youth	all	1. G	enables description of population	Integer	2017-2022
School Status at Program Entry (PIRL Element 409)	1 = In-school, secondary school or less 2 = In-school, Alternative School 3 = In- Demographics Data	WIOA Youth	all	1. A, D	enables description of population	Integer	2017-2022
Sex (PIRL Element 201)	1 = Male 2 = Female 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022
White (PIRL Element 215)	1 = Yes 0 = No 9 = Participant did not self-identify Demographics Data	WIOA Youth	all	1. B	enables description of population	Integer	2017-2022

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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

P20 WIN Query Number: 0043

Target population: We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between Jan 1, 2014, and Dec 31, 2022. For each individual, we are requesting data starting

Denotes request for birth year "data element" (rationale described on "Instructions" tab); **must have / critical to our analysis**

Source Agency (Agency that possesses the element in question)	Data Element Name (Provide the name that is desired in the column header)	Definition	data table	Code Set value	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested
Department of Children	AB_NEG_TYPE	The type of abuse/neglect alleged to have been perpetrated against the identified victim by the identified perpetrator for this allegation	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	ALLEG_DESCRIPTION1	One of three possible more detailed descriptions of the circumstances/factors associated with this allegation	Allegations	all	1. G; 2. H		String	2014-2022
Department of Children	ALLEG_DESCRIPTION2	One of three possible more detailed descriptions of the circumstances/factors associated with this allegation	Allegations	all	1. G; 2. H		String	2014-2022
Department of Children	ALLEG_DESCRIPTION3	One of three possible more detailed descriptions of the circumstances/factors associated with this allegation	Allegations	all	1. G; 2. H		String	2014-2022
Department of Children	ALLEGATION_ID	A unique numeric value for each Allegation record associated with CPS Reports in LINK	Allegations	all	1. G; 2. H	enable description of popula	Integer	2014-2022
Department of Children	REPORT_ID	A unique numeric value for each CPS Report in LINK	Allegations	all	1. G; 2. H	enable description of popula	Integer	2014-2023
Department of Children	REPORT_TYPE	Type of entity on which the CPS Report involves: Family, DCF Licensed Provider, Other Provider	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2021
Department of Children	CENTRAL_REGISTRY	The determination of whether DCF believes the identified perpetrator represents a continuing threat of abuse/neglect to children on the	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	HOUSING_INDIC	Indicator (Y/N) showing whether unstable/inadequate Housing was found to be a factor in this case as documented in multiple pieces of	Allegations	all	1. C, G; 2. H, I	enable description of popula	String	2014-2022
Department of Children	INT_PRTNR_VLNC_INDIC	Indicator (Y/N) showing whether Intimate Partner Violence was found to be a factor in this case as documented in multiple pieces of wor	Allegations	all	1. C, G; 2. H, I	enable description of popula	String	2014-2022
Department of Children	MNTL_HLTH_INDIC	Indicator (Y/N) showing whether Mental Health was found to be a factor in this case as documented in multiple pieces of work associate	Allegations	all	1. C, G; 2. H, I	enable description of popula	String	2014-2022
Department of Children	PERSON_ENTRUSTED	Whether the report includes a perpetrator who is an entrusted caregiver (i.e. teacher, coach, daycare provider, etc)	Allegations	all	1. C, G; 2. H, I	enable description of popula	String	2014-2022
Department of Children	REPORT_RECEIVED	Datetime stamp indicating when the CPS Report was received and created in LINK by the Careline Worker	Allegations	all	1. G; 2. H, I	enable description of popula	Datetime	2014-2022
Department of Children	RESPONSE_BEGIN_DATE	Datetime of the first attempted face-to-face contact between assigned DCF Social Worker and a family member for this DRS response	Allegations	all	1. G; 2. H, I	enable description of popula	Datetime	2014-2022
Department of Children	RESPONSE_DUE_DATE	Completion due date for this DRS response	Allegations	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	RESPONSE_END_DATE	Actual completion date for this DRS response	Allegations	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	RESPONSE_TYPE	This is the type of differential response that ultimately handled these allegations. A report can be initially handled through a Family Asses	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	SUBSTANCE_USE_INDIC	Indicator (Y/N) showing whether Substance Use/Abuse was found to be a factor in this case as documented in multiple pieces of work as	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	SUBSTANTIATION	The determination of whether DCF has reasonable cause to believe (or clear and convincing evidence if appealed) that this type of abuse/	Allegations	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	VICTIM_AGE_RPT	Single-year age of the alleged victim on the Report Received Date	Allegations	all	1. B, G; 2. H, I	enable description of popula	Integer	2014-2022
Department of Children	VICTIM_RACE_ETHN_COMBO	The alleged victim's combined race/ethnicity (i.e. Hispanic, White)	Allegations	all	1. B	enable description of popula	String	2014-2022
Department of Children	VICTIM_SEX	The alleged victim's sex assigned at birth	Allegations	all	1. B	enable description of popula	String	2014-2022
Department of Children	EPISODE_ID	A unique numeric value for each episode of involvement of a specific person during either DCF In-Home or DCF Out-of-Home service time	Child Welfare Placemen	all	1. B	enable description of popula	Integer	2014-2020
Department of Children	PLACEMENT_RECORD_ID	A unique identifier for this specific placement record	Child Welfare Placemen	all	1. B	enable description of popula	Integer	2014-2021
Department of Children	CIP_AGE_EPSD_STRT	Single-year age of the CIP on the Episode Start Date	Child Welfare Placemen	all	1. B	enable description of popula	Integer	2014-2022
Department of Children	CIP_AGE_PLCMNT_STRT	Single-year age of the CIP on this Placement's Start Date	Child Welfare Placemen	all	1. B	enable description of popula	Integer	2014-2022
Department of Children	CIP_RACE_ETHN_COMBO	The CIP's combined race/ethnicity (i.e. Hispanic, White)	Child Welfare Placemen	all	1. B	enable description of popula	String	2014-2022
Department of Children	CIP_SEX	The CIP's sex assigned at birth	Child Welfare Placemen	all	1. B	enable description of popula	String	2014-2022
Department of Children	EPISODE_END_DATE	The end date of this DCF out-of-home care episode	Child Welfare Placemen	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	EPISODE_END_REASON	The end/discharge reason for this out-of-home care episode: Not Applicable, Reunification, Guardianship, Adoption, Living with Other Re	Child Welfare Placemen	all	1. G; 2. H, I	enable description of popula	String	2014-2022
Department of Children	EPISODE_START_DATE	The start date of this DCF out-of-home care episode for the associated Person	Child Welfare Placemen	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	NEXT_EPISODE_START_DATE	The start date of this child's next legal episode in DCF custody/guardianship.	Child Welfare Placemen	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	PLACEMENT_CATEGORY	The category that describes the type of service delivered by this placement provider for this child	Child Welfare Placemen	all			String	2014-2022
Department of Children	PLACEMENT_END_DATE	The end date of this placement	Child Welfare Placemen	all	1. G; 2. H, I		Date	2014-2022
Department of Children	PLACEMENT_END_REASON	The reason that this placement was ended	Child Welfare Placemen	all			String	2014-2022
Department of Children	PLACEMENT_START_DATE	The start date of this placement	Child Welfare Placemen	all	1. G; 2. H, I		Date	2014-2022
Department of Children	PRIOR_FOSTER_CARE_EPISODES	Number of episodes of DCF out-of-home care that occurred prior to this episode record	Child Welfare Placemen	all	1. G; 2. H, I	enable description of popula	Integer	2014-2022
Department of Children	Birth_Date	Date of Birth	Linking fields	all	matching	matching variable	Date	2014-2022
Department of Children	Birth Year	Birth year of individual	Linking fields	all	1. B	enable description of popula	Not directly	2012-2022
Department of Children	Name_First	First Name	Linking fields	all	matching	matching variable	Text	2014-2022
Department of Children	Name_Last	Last Name	Linking fields	all	matching	matching variable	Text	2014-2022
Department of Children	SASID	State-assigned Student Identifier assigned by SDE	Linking fields	all	matching	matching variable	Integer	2014-2022
Department of Children	Sex	Sex assigned at birth	Linking fields	all	1. B	enable description of popula	Text	2014-2022
Department of Children	Town	This is the Town in which the person lives during/on the date(s) included in the specific project criteria	Linking fields	all	1. C	enable description of popula	Text	2014-2022
Department of Children	EVALUATION_ONLY	Whether or not the episode was terminated early, and prior to receipt of substantive services. Definitions/criteria for this element vary b	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	String	2014-2021
Department of Children	DCF_STATUS_DISCHARGE	The status of the client in relation to active/direct receipt of DCF services on the episode end date.	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Numeric	2014-2022
Department of Children	DCF_STATUS_INTAKE	The status of the client in relation to active/direct receipt of DCF services on the episode start date.	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Numeric	2014-2022
Department of Children	EPISODE_END_DATE	The end date of this DCF out-of-home care episode	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	EPISODE_END_REASON	The end/discharge reason for this episode of service. Please note that each program model has picked their own subset of all available v	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Numeric	2014-2022
Department of Children	EPISODE_START_DATE	The start date of this DCF out-of-home care episode for the associated Person	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Date	2014-2022
Department of Children	PERSON_AGE_EPSD_STRT	Single-year age of the client/person on this Episode's Start Date	PIE Service Episodes	all	1. B	enable description of popula	Integer	2014-2022
Department of Children	PERSON_RACE_ETHN_COMBO	The client/person's combined race/ethnicity (i.e. Hispanic, White)	PIE Service Episodes	all	1. B	enable description of popula	String	2014-2022
Department of Children	PERSON_SEX	The client/person's sex assigned at birth	PIE Service Episodes	all	1. B	enable description of popula	String	2014-2022
Department of Children	PROGRAM	The acronym for the service (program) that was delivered for this episode	PIE Service Episodes	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	PROJECT	The acronym for the site/location from which this provider delivered this service to the client during this episode	PIE Service Episodes	all	1. G; 2. H	enable description of popula	String	2014-2022
Department of Children	REFERRAL_DATE	The date the provider received the referral for this episode	PIE Service Episodes	all	1. G; 2. H, I	enable description of popula	Date	2014-2022

P20 WIN DATA SHARING AGREEMENT EXHIBIT A – DATA ELEMENTS FOR PROJECT

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 Query Number: 0043

Target population: We are requesting data for individuals who are/were between, and inclusive of, the ages of 14 and 26 years old at any point between Jan 1, 2014, and Dec 31, 2022. For each individual, we are requesting data starting from January 1, 2014, or the earliest data point record available for each individual.

Denotes request for birth year "data element" (rationale described on "Instructions" tab); must have / critical to our analysis									
Source Agency (Agency that possesses the element in question)	Data Element Name (Provide the name that is desired in the column header)	Definition	Data category	Code Set value	Related Research / Policy Question	Explain how this element relates to the Research Question	Data Type	Years requested	
Connecticut Coalition to End H	Date of Engagement	The date a client became engaged by a street outreach project or night-by-night emergency shelter in	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul date ('1/1/9999')		2014-2022	
Connecticut Coalition to End H	Developmental Disability	Indicates whether a client has self-reported a developmental disability. Answer options are: Yes, No, C	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Domestic Violence	Indicate (1) if the client is a survivor of domestic violence, (2) when the experience occurred, and (3) if	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul tinyint		2014-2022	
Connecticut Coalition to End H	Income and Sources	Indicates whether each head of each household served (including minor heads of their own househol	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul money		2014-2022	
Connecticut Coalition to End H	Mental Health Disorder	Indicates whether a client has self-reported a mental health disorder. Answer options are: Yes, No, Da	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Physical Disability	Indicates whether a client has self-reported any disabling special needs which contribute to their expe	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Substance Use Disorder	Indicates whether a client has self-reported a disability. Answer options are: Answer options are: Alcol	Program Specific Data Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Project Name	The project's name.	Project Descriptor Data El all		1. G; 2. H, I	enable description of popul varchar		2014-2022	
Connecticut Coalition to End H	Enrollment CAN	Coordinated Access Networks (CANs) , the communities across Connecticut. Total 7 CANS - CCEH will ;	System Descriptive Eleme all		1. C, G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Entity	Entities represent a person or agency and are defined by their relationship to other items in the datab	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Family	A group of Clients which share the same FamilyID. A Client can have more than one FamilyID.	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Head of Household (HOH)	The Head of Household is assigned to the primary Client in an enrollment. All other family members at	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Household Type	This specifies the household type (at project entry) served by beds and units in a given inventory reco	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Organization	The largest entity grouping category in the database that represents an agency or a department. Orga	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Program	Programs are a collection of services into which Clients are enrolled to access services. Program recor	System Descriptive Eleme all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Provider	Locations from where services are provided to Clients or where events occur. Typically, Providers are l	System Descriptive Eleme all		1. C, G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Date of Birth	Date of Birth of the client 'Client doesn't know,' 'Client refused,' and 'Data not collected' are explanati	Universal Identifier Eleme all		matching	matching variable date ('1/1/9999')		2014-2022	
Connecticut Coalition to End H	Birth Year	Birth year of client	Universal Identifier Eleme all		1. B	enable description of population		2014-2022	
Connecticut Coalition to End H	Ethnicity	Self-identified ethnicity of each client served. One Ethnicity per client	Universal Identifier Eleme all		1. B	enable description of popul int		2014-2022	
Connecticut Coalition to End H	First Name	Client's first name enrolled in HMIS system To avoid duplicate record creation, the full first name shou	Universal Identifier Eleme all		matching	matching variable nvarchar		2014-2022	
Connecticut Coalition to End H	Gender	Self-reported gender of each client served (as many as are applicable)	Universal Identifier Eleme all		1. B	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Last Name	Client's last name enrolled in HMIS system Use the current last name, use the format the client norma	Universal Identifier Eleme all		matching	matching variable varchar		2014-2022	
Connecticut Coalition to End H	Race	Self-identified race(s) of each client served (as many as are applicable)	Universal Identifier Eleme all		1. B	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Social Security Number	Social Security Number, 1 Social Security Number per client	Universal Identifier Eleme all		matching	matching variable varchar		2014-2022	
Connecticut Coalition to End H	Disabling Condition	Indicates whether a client has self-reported a disabling condition. Answer options are: Yes, No, Data N	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Exit Destination	Record where the client is expecting to stay after they complete or stop participating in project activiti	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Housing Move-In Date	The date the client moved into permanent housing. Only for RRH or PSH programs and only for those	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul date ('1/1/9999')		2014-2022	
Connecticut Coalition to End H	Prior Living Situation	Identify the self-reported type of living situation and length of stay in that situation just prior to projec	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	
Connecticut Coalition to End H	Project Exit Date	Record the month, day and year of last day of occupancy or service.	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul date ('1/1/9999')		2014-2022	
Connecticut Coalition to End H	Project Start Date	Record the month, day, and year of each client's project start. The project start date indicates a client	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul date ('1/1/9999')		2014-2022	
Connecticut Coalition to End H	Relationship to Head of Household	Identify one member of a household to whom all other household members can be associated.	Universal Project Stay Ele all		1. G; 2. H, I	enable description of popul int		2014-2022	

P20 WIN Personal Statement of Confidentiality

As a Data Recipient, before you are allowed access to the information through the Preschool through Twenty and Workforce Information Network (P20 WIN) for Disconnected and Disengaged Youth in Connecticut (DR-0043), you are required to read, agree and execute the following statement of your knowledge, obligation and responsibility with respect to any data exchanged through P20 WIN.

- As an employee of _____ (Data Recipient), I have access to information provided through P20 WIN. This data shall not be used to make any decisions about the rights, benefits or privileges of those individuals identified through the matching process. Further, P20 WIN information is confidential, and may be used solely for the purposes of work defined in the approved Data Sharing Request Form, attached as Exhibit A to the Data Sharing Agreement (DSA).
- I have been informed and understand that all information related to this DSA is confidential and may not be disclosed to unauthorized persons. I agree that I am responsible for maintaining this confidentiality. I agree not to divulge, transfer, sell, or otherwise make known to unauthorized persons any information contained in this system. I agree to abide by all federal and state laws and regulations regarding confidentiality and disclosure of the information related to this DSA.
- I will not use the data for any purpose other than as described in Exhibit A to the DSA and I will not facilitate or tolerate by others any unauthorized use of information provided or generated.
- I agree to store the query data on a desktop or a laptop computer and not to store or transmit query data, in print or electronic form, on a portable storage device or mobile storage device, such as but not limited to USB flash drive, cell phone, external hard drive or though unencrypted e-mail with the exception of system backup tapes and files. For purposes of this agreement, a definition of "portable storage device" includes, but is not limited to, notebooks, palmtops, PDAs, iPods®, Blackberry® devices, and cell phones with internet browsing capability.
- I agree to destroy all confidential information obtained through this agreement as soon as such information is no longer needed.
- I agree that the Data Governing Board of P20 WIN will be allowed access to monitor all authorized users to ensure such users observe the confidentiality requirements of the information obtained under this DSA.
- I agree to notify my supervisor immediately of any breach or unauthorized disclosure of any information related to this Agreement.

This statement of confidentiality shall be valid for a period of one year from the date of signature.

P20 WIN DR-0043 Exhibit C

Data Recipient Employee or User: I have read and understand the above Personal Statement of Confidentiality.

Signature _____

Printed Name _____

Organization _____

Job Title _____

E-mail Address _____

Date _____

List of Persons with Access to Resultant Data for an Approved Data Request

Request: P20 WIN Data Request #0043

Project Title: Disengaged and Disconnected Youth in Connecticut

List of persons with access to Resultant Data described in P20 WIN DSA Section VI.H.

Name	Role	Title	Organization	Email
Lane McBride	Principal Investigator	Managing Director and Senior Partner	BCG	Mcbride.Lane@bcg.com
Claudia Newman-Martin	Researcher	Partner	BCG	NewmanMartin.Claudia@bcg.com
Kentaro Watari	Researcher	Project Leader	BCG	Watari.Ken@bcg.com
Vidya Sekaran	Researcher	Consultant	BCG	Sekaran.Vidya@bcg.com
Sika Kodzi	Researcher	Associate	BCG	Kodzi.Sika@bcg.com
Deepak Trehan	Data scientist	Senior Data and Analytics Manager	BCG	Trehan.Deepak@bcg.com
Kruthika Nagaraj	Data scientist	Data and Analytics Manager	BCG	Nagaraj.Kruthika@bcg.com
Min Jin	Data scientist	Data and Analytics Manager	BCG	Jin.Min@bcg.com
Gowtham Sekkilar	Data scientist	Senior Data Engineer	BCG	Sekkilar.Gowtham@bcg.com
Rishi Saxena	Data scientist	Senior Data Analyst	BCG	Saxena.Rishi@bcg.com
Shashank Gupta	Data scientist	Data Analyst	BCG	Gupta.Shashank@bcg.com
Mengwei Sun	Data scientist	Data and Analytics Lead, GeoAnalytics	BCG	Sun.Mengwei@bcg.com
Yiran Li	Data scientist	Analyst, GeoAnalytics	BCG	Li.Yiran@bcg.com



STATE OF CONNECTICUT
DEPARTMENT OF MENTAL HEALTH AND ADDICTION SERVICES
A Healthcare Service Agency

NED LAMONT
GOVERNOR

NANCY NAVARRETTA, MA, LPC, NCC
COMMISSIONER

NOTICE OF EXEMPT DETERMINATION

April 25, 2023

Title of Study: Research on disengaged and disconnected youth in CT
Principal Investigator: Lane McBride, Managing Director and Senior Partner
Reference Number: 23-02
Type of Review: Exempt

Dear Lane McBride:

Your research was reviewed on April 25, 2023 and found to be exempt from federal policy for the protection of human subjects in accordance with 45CFR 46.101 This research was eligible for exempt review under Category 4.

As outlined in the *DMHAS IRB Policy*, please note the following requirements:

- Revision of the approved protocol may not be made without IRB approval. If any changes to the research are contemplated, an *Application for Approval of Study Revision* must be submitted to the IRB for review and approval before implementation.
- The IRB must be informed of any adverse events, protocol deviations, complaints or other unanticipated problem involving risks to research participants related to your study.
- The IRB requests notification of the completion of the study and a final report.

The *DMHAS IRB Policy and Application for Approval of Study Revision* may be found on the DMHAS IRB web page by clicking [here](#).

If you have any questions related to the IRB review, please feel free to contact me at 860-418-6897. The DMHAS IRB appreciates your commitment to the protection of human research subjects.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Brown", with a long horizontal line extending to the right.

Justin Brown
Chair, DMHAS Institutional Review Board

(860) 418-7000
410 Capitol Avenue, P.O. Box 341431, Hartford CT 06134
<https://portal.ct.gov/dmhas>
An Affirmative Action/Equal Opportunity Employer



STATE OF CONNECTICUT
DEPARTMENT OF MENTAL HEALTH AND ADDICTION SERVICES
A Healthcare Service Agency

NED LAMONT
GOVERNOR

NANCY NAVARRETTA, MA, LPC, NCC
COMMISSIONER

April 25, 2023

Ken Watari
Boston Consulting Group
369 Franking St #201
Cambridge, MA 02139

Dear Mr. Watari,

Thank you for inviting us to join with you in your project entitled “Research on Disengaged and Disconnected Youth in Connecticut”, via the Preschool through Twenty Workforce Initiative (P20WIN) program. Your project has the potential to improve outcomes for those students and young adults in the state who have become disconnected and/or disengaged from their educational and other supportive environments. As part of the process of collecting necessary outcome data for the evaluation, the Department of Mental Health and Addiction Services will work with Connecticut’s P20WIN to provide data on young adults between the ages of 18 – 26 who have received services from DMHAS-operated and DMHAS-funded programs.

We will work with P20WIN to ensure that the data sharing agreement will grant you access to de-identified data that is within the scope of your project. Working with P20WIN, we will create the necessary steps to protect the confidentiality of individuals who receive behavioral health services from DMHAS-operated and DMHAS-funded programs.

We wish you success in your project and look forward to reviewing the results of your analysis.

Sincerely,

A handwritten signature in blue ink that reads "Nancy Navarretta".

Nancy Navarretta, MA, LPC, NCC
Commissioner
Department of Mental Health and Addiction Services

P20 WIN Data Destruction Certificate

This form is completed in order to document that the unit record data received through P20 WIN has been destroyed. Data destruction is required at the end of a project or in the event of a termination of the Data Sharing Agreement for a P20 WIN Data Request. The timeframe by which unit record data must be destroyed is specified in the Data Sharing Agreement. The Data Destruction Certificate must be completed and provided to the P20 WIN System Administrator within 3 working days of the destruction of data. The Data Requestor shall retain the original certificate for a period of one year after its submission to the Board.

SECTION 1 – BASIC INFORMATION	
1.	Approved Requestor Name:
2.	P20 WIN Data Request Name: P20 WIN DR #0043
3.	Approved timeframe: _____ to _____ List extensions as appropriate: Extension to _____ granted on _____ Extension to _____ granted on _____
4.	Date of data destruction:
5.	Method of data destruction:
SECTION 2 – AFFIRMATION OF DESTRUCTION	
I hereby affirm that the unit record data provided as a part of the Data Request Number listed above has been completely destroyed including all original unit record data and any copies of the unit record data that were made in paper or electronic form.	
_____ Signature of Approved Requestor or Agency Representative	_____ Date

P20 WIN
ENTERPRISE MEMORANDUM OF UNDERSTANDING
Between
State Board of Education, Office of Early Childhood, Connecticut State Colleges and Universities,
Connecticut Department of Labor, University of Connecticut,
Connecticut Conference of Independent Colleges,
Connecticut Department of Social Services, Connecticut Office of Higher Education,
Connecticut Department of Children and Families,
Connecticut Coalition to End Homelessness,
Connecticut Department of Mental Health and Addiction Services,
Judicial Branch Court Support Services Division
Connecticut Technical Education and Career System
And
Connecticut Office of Policy and Management (as the “Operating Group”)
And
Connecticut Department of Labor (as the “Data Integration Hub”)

WHEREAS, data sharing is an indispensable component of cross-system collaboration needed to achieve the best government solutions for the residents of the State of Connecticut;

WHEREAS, it is important to make interagency data sharing more streamlined and efficient, increasing the integration and analysis of data across agencies and programs;

WHEREAS, the State is committed to protecting and strengthening the data security and individual critical privacy safeguards and confidentiality requirements pursuant to federal and state laws;

WHEREAS, the State recognizes that persons and communities of color often face disparate impacts and are overrepresented in certain agencies’ administrative data;

WHEREAS, cross- agency data sharing shall only occur under principles that advance the equitable use of data;

WHEREAS, certain state agencies and entities agree to securely exchange data as permitted or required by applicable law in order to improve the services they provide and programs they operate for the benefit of residents of the State of Connecticut;

WHEREAS, the Connecticut Preschool through Twenty and Workforce Information Network (“P20 WIN”) consortium of agencies and entities has accomplished a tremendous amount of work and demonstrated success in sharing data for program evaluation and research purposes involving education and workforce development;

WHEREAS, there is momentum and mutual motivation in the executive and legislative branches of Connecticut government to build on the success of P20 WIN and other initiatives reliant on successful data sharing, including the Two-Generational (“2Gen”) Initiative, the Governor’s Workforce Council and the Governor’s Task Force on Housing and Supports for Vulnerable Populations;

WHEREAS, to build on the success of P20 WIN and its authority to establish and implement policies related to cross-agency data sharing management, including, but not limited to data privacy, confidentiality and security in alignment with the vision for P20 WIN and any applicable law, and to further the participation in data sharing between state agencies and other organizations for legitimate governmental purposes, to inform policy and practice for education, workforce and supportive service efforts, including but not limited to conducting research, audits, studies and evaluations of federal or state programs as prescribed in C.G.S. § 10a-57g and applicable federal laws, and any additional purposes authorized in the future through statutory changes by the Connecticut General Assembly and approved by the P20 WIN Executive Board, the P20 WIN Parties agree to the terms and conditions of this Enterprise Memorandum of Understanding (“E-MOU”), in collaboration with the Office of Policy and Management (“OPM”) pursuant to its statutory mandate (C.S.G. § 4-67n) to securely and effectively integrate and share data between agencies, and develop policies and procedures to support the same;

WHEREAS, C.G.S. § 10a-57g (6) defines “Participating Agency” as including the Connecticut State Colleges and Universities, Department of Education, Department of Labor, the Office of Early Childhood, the University of Connecticut, the Connecticut Conference of Independent Colleges, as well as “any entity that has executed an enterprise memorandum of understanding for participation in the P20 WIN and has been approved for participation pursuant to the terms of this E-MOU;”

WHEREAS, the entities that comprise P20 WIN and new state agencies or entities agree to enter into this E-MOU setting forth the terms and conditions of such data sharing; such state agencies and entities include the State Board of Education (“SBOE”), the Office of Early Childhood (“OEC”), the Connecticut State Colleges and Universities (“CSCU”), the Connecticut Department of Labor (“DOL”), the University of Connecticut (“UConn”), the Connecticut Conference of Independent Colleges (“CCIC”), the Connecticut Department of Social Services (“DSS”), the Office of Higher Education (“OHE”), the Connecticut Department of Children and Families (“DCF”), the Connecticut Coalition to End Homelessness (“CCEH”), the Connecticut Department of Mental Health and Addiction Services (“DMHAS”), the Judicial Branch Court Support Services Division (“JBCSSD”), the Connecticut Technical Education and Career System (“CTECS”), and any other state agency or entity that is approved by the Parties to join and that agrees to the terms and conditions of this E-MOU in the future (individually referred to as a “Participating Agency” or collectively “Participating Agencies”), and the Connecticut Office of Policy and Management (“OPM” or the “Operating Group”) and the Connecticut Department of Labor (the Data Integration Hub)(collectively or individually, these entities may be referred to as a “Party” or “Parties”); and

WHEREAS, C.G.S. § 10a-57g(8)(d) authorizes the Executive Board of P20 WIN to appoint advisory committees to make recommendations on data stewardship, data system expansion and processes, and such other areas that will advance the work of CP20 WIN.

NOW, THEREFORE, the Parties mutually agree to the provisions set forth in this E-MOU.

I. PRELIMINARY STATEMENT

It is specifically understood that by entering this E-MOU and agreeing to its terms and conditions, each Participating Agency is not forfeiting any of its rights to its data, its autonomy to determine the use of and the sharing of any of its data or limit the re-disclosure of the shared data, or whether to share any of its data for a particular purpose. The Parties understand that the goal of this E-MOU is to increase data sharing for legitimate governmental purposes, including but not limited to the evidence-based policy-making to improve supportive services, education and workforce development outcomes in the State of Connecticut, the determination of resources and services allocation, and to make Data Sharing, when approved and authorized by the Participating Agency, more efficient and effective.

II. DEFINITIONS

For purpose of this E-MOU, the following definitions shall apply:

Anonymized Data (“Anonymized Data”) refers to Data that cannot be linked back to an individual and, as such, are not useful for monitoring the progress and performance of Individuals; however, such Data can be used for other research or training purposes.

Breach(es) (“Breach” or “Breaches”) shall mean all known or suspected incidents that result in or could reasonably result in the unauthorized access, use, or disclosure of any data transmitted or shared pursuant to this E-MOU that is protected by federal or state laws.

Data (“Data”) means statistical or other information that: (A) is reflected in a list, table, graph, chart, or other non-narrative form that can be digitally transmitted or processed; (B) is regularly created and maintained by or on behalf of an Participating Agency; and (C) records a measurement, transaction or determination related to the mission of the Participating Agency or is provided to such Participating Agency by any third party as required by any provision of law or contract.

Data Definitions (“Data Definitions”) are the plain language descriptions of Data Elements. The definitions should be specific enough to allow Users to fully understand the Data Elements.

Data Dictionary (“Data Dictionary”) is a listing of the names of a set of Data Elements, their definitions and additional Meta-data. A Data Dictionary does not contain any actual data; rather it serves to provide information about the data in a data set.

Data Elements (“Data Elements”) are units of information as they are stored or accessed in any data system. For example, education data elements about a student’s academic history could include: student ID number, course code, credits attempted, cumulative grade point average, etc.

Data Integration Hub (“Data Integration Hub”) is the Connecticut Department of Labor (DOL) and is the centralized enterprise Data matching service for P20 WIN with the Participating Agencies.

Data Recipient (“Data Recipient”) means any person, entity or organization that is a party to an approved Data Sharing Agreement that receives Data sets from Participating Agencies for legitimate state purposes.

Data Request Management (“Data Request Management”) means the required review and approval process for each Data Sharing request as described in full in this E-MOU and its Appendices, attached and incorporated hereto.

Data Sharing (“Data Sharing”) means the act of securely transferring Data with multiple users or applications, integrating different data sets between the Participating Agencies, the Data Integration Hub and Data Recipients. Data Sharing shall encompass the utilization of personally-identifiable information for the creation of anonymized personal information and aggregate information.

Data Sharing Agreement (“Data Sharing Agreement” or “DSA”) is a specific agreement that includes the specific terms and conditions that govern how Data are transferred, stored, matched and managed. It also outlines the role and responsibilities of the Data Recipient who has requested the data and includes the project objectives, methodology, Data fields and Data security plan (e.g., plan to mitigate the risk of re-identification in research project), dissemination plan, and timeline of project completion. The DSA will be signed by two (2) or more Participating Agencies providing their Data, the Data Integration Hub, and the Data Recipient and must be in compliance with this E-MOU. A DSA’s terms and conditions may differ depending on each Participating Agencies’ confidentiality and privacy requirements.

De-identification of Data or De-identified Data (“De-identification of Data” or “De-identified Data”) refers to the process of removing or obscuring any personally-identifiable information in a way that minimizes the risk of unintended disclosure of the identity of individuals and information about them. Specific steps and methods used to de-identify information may vary depending on the circumstances, but should be appropriate to protect the confidentiality of in the Individuals. While it may not be possible to remove the disclosure risk completely, de-identification is considered successful when there is no reasonable basis to believe that the remaining information provided through a single release or through a combination of multiple releases can be used to identify an Individual. De-identified Data is the result of the De-Identification of Data

Digital Credentials (“Digital Credentials”) means a mechanism, such as a public-key infrastructure or electronic signature that enables Participating Agencies to electronically prove their identity and their authority to conduct a Data transmittal to the Data Integration Hub.

Effective Date (“Effective Date”) shall mean the date of execution of this E-MOU by at least two (2) or more Participating Agencies, the Data Integration Hub, and OPM.

Individual (“Individual”) shall mean a client, person or entity whose data is maintained by a Participating Agency and potentially subject to exchange with other Participating Agencies.

Operating Group (“Operating Group”) is the Connecticut Office of Policy and Management (OPM) that facilitates the smooth and efficient operation of P20 WIN for the benefit of the Participating Agencies and the greater benefit of the State of Connecticut.

Personally-Identifiable Information (“PII”) means information capable of being associated with a particular individual through one or more identifiers, as defined in state and /or federal law, including but not limited to C.G.S. §§ 4e-70(4), 10-234aa(4), 10a-42h, 31-254, 31-701b(a), and 42-471; 20 CFR §603; 34 CFR Part 99.

Re-disclosure (“Re-disclosure”) means transfer or disclosure of PII to any other person or entity whose access to such PII or other identifying Data is not specifically authorized in this E-MOU.

Resultant Data (“Resultant Data”) is the Data provided by the Participating Agencies and the Data Integration Hub to the Data Recipient pursuant to a Data Sharing Agreement signed by two (2) or more Participating Agencies. Resultant Data includes original Data files received for analysis from Participating Agencies and a crosswalk of unique generic identifiers used to connect the analyzed data together. It also includes the working documents and derivative tables that are created from this analyzed data before the documents and tables have been reviewed according to the DSA and subsequently approved as appropriately aggregated for access to Users beyond those names in the DSA.

Specifications (“Specifications”) shall mean the specifications established by applicable federal and state law or adopted by the Data Governing Board that prescribe the Data content, privacy, confidentiality, technical and security requirements needed to enable the Participating Agencies and the Data Integration Hub to Transmit Data and protect Data at rest. Specifications may include, but are not limited to specific standards, services, and policies applicable to Transmission of Data pursuant to this E-MOU.

Transmit/Transmittal/Transmission of Data or Data Transmittal (“Transmit”, “Transmittal”, “Transmission of Data” or “Data Transmittal”) shall mean, in varying tenses, to share Data electronically using technology allowed by the Specifications.

User or Users (“User” or “Users”) shall mean employee of a Participating Agency or Data Integration Hub, or individual, agent, or entity (e.g., an independent contractor), who has been authorized to access the Data in accordance with the applicable DSA and any applicable Federal and State laws.

III. GOVERNANCE STRUCTURE, ROLES AND RESPONSIBILITIES

P20 WIN shall have a cross-agency data governance system that provides the structure to create and implement the necessary policies and procedures for a multi-agency Data Sharing system to address

broad policy questions and state needs. To achieve this goal, pursuant to P20 WIN's authority set forth in C.G.S. § 10a-57g to establish boards and advisory committees, there shall be an Executive Board, a Data Governing Board and a Resident Advisory Board whose tasks are set forth below. Together these groups shall provide P20 WIN Data Sharing process leadership, policy creation, system implementation, maintenance, and improvement. All members of the Boards will be voting members, each with one (1) vote, except that any member that is not a representative of a state agency shall be disqualified from participating and voting in decisions pertaining to the use of public funds or resources.

- A. Together, the P20WIN governance bodies shall work in concert to ensure that the following processes operate smoothly:
 1. Response to data requests. The Operating Group shall receive and manage the Data Sharing Request Forms (Exhibit A to the Data Sharing Agreement and support the Data Governing Board members involved in the Request in accordance with the Data Sharing Management procedure described in Section XI.
 2. Determination of authorized Users and access rights. In accordance with applicable law and this E-MOU, the Data Governing Board shall: (a) establish a process to approve the Users who are to have access to data (de-identified or identified) and are named in the Data Sharing Request Form, and (b) establish the parameters for Data Transmission and Data destruction.
 3. Development and maintenance of cross-agency Data Dictionary. The Data Governing Board shall be responsible for ensuring that the Data Dictionary for each Participating Agency is complete and up-to-date.
 4. Addition, Suspension and Readmission of Participating Agencies. The Executive Board shall approve a protocol for expanding the Data Sharing process to include additional agencies or organizations or additional Data so that the technical infrastructure is expanded, and new Participating Agencies have representation in the named committees. New Participating Agencies shall be added in accordance with Appendix 1. The suspension and readmission of Participating Agencies shall also be determined by the Executive Board in accordance with Appendix 1.
 5. Responsibility for P20WIN Policies, Staffing and Financial Support. The Executive Board shall have overall fiscal and policy responsibility to sustain and improve the Data Sharing process, including how the Operating Group and the Data Integration Hub will be staffed and supported financially.
 6. Modification of policy. The Data Governing Board may make recommendations to the Executive Board to modify policies and procedures in accordance with Appendices 3 and 4.

IV. EXECUTIVE BOARD

The Executive Board is a multi-agency committee that shall provide vision, oversight and leadership for the data governance structure. The Executive Board shall consist of the members as defined in C.G.S. § 10a-57g. The Executive Board shall have ultimate policy decision-making authority for the P20WIN Data Sharing process. Each member shall hold staff within their respective agencies accountable to the goals

of the system. Executive Board members shall work to support and continue to secure resources for the Data Sharing process and its efficient operation, thereby adding value to their respective agencies and to Connecticut as a whole.

The Executive Board shall elect a Chairperson. The Chairperson shall be a State official or employee and shall conduct all Executive Board meetings, represent the P20WIN Data Sharing process, and work with all Participating Agency leaders and political leaders to assure agency-to-agency coordination and to further data sharing to improve services provided to the residents of Connecticut. The Chairperson shall lead the Executive Board to set the direction for the Data Sharing process and shall work with the Operating Group on agenda setting and operational matters. The Chairperson shall be elected by the full Executive Board and will serve a term of two (2) years. On matters requiring votes, the Chairperson shall vote to break a tie.

A. Responsibilities:

1. Attend regular Executive Board meetings to be held quarterly.
2. Define, develop and advance a vision and supporting policies to use the Data Sharing process for legitimate State purposes, including but not limited to informing operations and service delivery, conducting research, studies, audits and evaluations, developing reports and indicators and any additional purposes in the future through statutory changes by the Connecticut General Assembly and approved by the Executive Board, subject to all federal and state laws and regulations.
3. Each member shall identify a representative to serve on the Data Governing Board.
4. Convene to respond to escalated issues from the Data Governing Board.
5. Have overall fiscal and policy responsibility for P20WIN.
6. Identify and work to secure resources necessary to sustain the P20 WIN.
7. Champion the implementation, maintenance and improvement of P20 WIN by advocating for the Data Sharing process in regard to policy, legislation and resources.
8. Members shall not only represent the interests of their Participating Agency and clients and, consistent with applicable law and their Participating Agency's authority, shall work to support the state's vision of Data Sharing and improved Data Sharing using the Data Integration Hub.
9. Assist the Data Sharing process to ensure that the work always promotes equity and that research and data sharing efforts do not disparately impact consumers or families.
10. Make recommendations to the Operating Group regarding fiscal and budgetary issues for the Data Sharing process.
11. Ensure the proper use of and monitor circumstances in which public funds or resources that are to be jointly utilized with those from private entities (such arrangements are governed by appropriate Data Sharing Agreement).
12. Add, suspend and readmit Participating Agencies in accordance with Appendix
13. Establish bylaws to govern its procedures.

- B. The Executive Board shall have the authority to create standing or special committees (e.g., legal committee; data steward committee) when necessary.

The Executive Board will meet, with appropriate prior publication of notice of the meeting consistent with the requirements of Chapter 14, including but not limited to C.G.S. §§ 1-206 and 1-225 -232.

The role and responsibilities of the Executive Board shall not replace the role of an Institutional Review Board.

V. DATA GOVERNING BOARD

Pertaining to any Data Sharing pursuant to this E-MOU, and in compliance with federal and state laws, the Data Governing Board shall establish policies related to cross-agency data management, including but not limited to, data privacy, confidentiality and security in conformance with applicable law. It shall also develop recommendations on policies and practices that need to be developed or improved and shall be responsible for implementing the processes necessary to carry out the approved policies. The Data Governing Board shall provide oversight for the technical implementation of the Data Sharing process and shall be responsible for ensuring the availability, privacy, confidentiality, security and quality of data shared through the Data Integration Hub and with Data Recipient(s). Each Party shall appoint to the Data Governing Board one (1) staff to fulfill the responsibilities defined in C.G.S. § 10a-57g. Members shall work collaboratively to develop policies necessary for the implementation, maintenance, security, privacy, confidentiality and improvement of the Data Sharing process.

A. Responsibilities:

1. Attend regular Data Governing Board meetings to be held monthly.
2. Establish data governance policies to enable, improve and sustain the Data Sharing process and the Data Sharing Requests from the point of application through completion, including but not limited to the Data Sharing Management procedures pursuant to Section XI of this E-MOU. All policies and actions of the Data Governing Board shall further
3. the vision of P20WIN, including the prioritized research agenda established by the Executive Board and shall be consistent with this E-MOU. In accordance with applicable law and this E-MOU, provide the appropriate Data from their respective Participating Agency source systems to support the accurate and effective implementation of the Data Sharing process.
4. Review and approve Data Sharing Requests, data output and resulting publications prior to release in accordance with applicable law and in accordance with Section XI of this E-MOU and pursuant to the Participating Agencies agreeing to share their data pursuant to a signed Data Sharing Agreement.
5. Identify, as needed, additional data stewards and subject matter experts to implement the Data Sharing process and to provide recommendations to the Data Governing Board to improve the Data Sharing process.
6. Specify and produce guidance for reports that the Data Sharing process produces on a regular basis.

7. Establish a process to regularly review, and on an annual basis, produce a report on the efforts of P20 WIN to promote equity and that research and data sharing efforts do not disparately impact consumers or families.
8. Maintain a protocol for expanding the Data Sharing system to include additional agencies or data pursuant to Appendix 1.
9. Members of the Data Governing Board shall not only represent the interests of their Participating Agency and/or clients but consistent with applicable law and their agency's authority, work to support the State's vision of data sharing and the Data Sharing process.
10. Develop data standards and data cleansing processes.
11. Develop, document and monitor Data Definitions and Metadata for shared Data Elements within the cross-agency Data Dictionary, using State guidance on Metadata standards.
12. Evaluate the quality of the technical process for matching data and quality of the data available through the P20 WIN Data Sharing system.
13. Develop policies and procedures, including but not limited to policies and procedures to ensure data privacy, confidentiality and security.
14. Receive reports of a Breach or a suspected Breach pursuant to Appendix 2, and receive confirmation from Participating Agencies and the Data Integration Hub when the security of their systems has been restored after Breaches. Notification of a Breach to the Data Governing Board does not relieve the Participating Agency and the Data Integration Hub of its responsibilities or possible liabilities under applicable state and federal law, including but not limited to any required notifications that a Breach has occurred and any related notifications required due to a Breach of any shared information, including but not limited to the Attorney General's Data Security Department.
15. Consult with OPM, in accordance with the provisions of C.G.S. §§ 4-67n, 4-67p and 10a-57g and other applicable statutes and policies.
16. Manage the amendment process of this E-MOU in accordance with Appendix 3 and Appendix 4.
17. Provide recommendations to the Executive Board whether to agree to the creation of additional centralized enterprise Data matching services, available to the Participating Agencies, in accordance with Appendices 3 and 4.
18. Establish bylaws to govern its procedures.

The role and responsibilities of the Data Governing Board shall not replace the role of an Institutional Review Board.

VI. RESIDENT ADVISORY BOARD

Data sharing by governmental agencies should incorporate the knowledge and expertise of the persons whose data are being used. In order to be proactive and transparent, the Executive Board shall develop a plan to create a Resident Advisory Board with members representing residents of Connecticut, including a majority of persons who receive or received state services and benefits. The Resident

Advisory Board shall provide advice and guidance to the Executive Board and the Data Governing Board on how to communicate its work and mission to State residents:

- A. Responsibilities:
 - 1. Advise the Participating Agencies in earning public trust in the work of the Data Sharing process.
 - 2. Invited to attend regular Data Governing Board meetings.
 - 3. Assist the Data Sharing process to ensure that the P20 WIN promotes equity and that research, evaluation and data sharing efforts do not disparately impact consumers or families.
 - 4. Share insight on projects, policies and procedures, and how to prevent any use of data for malevolent purposes, or that might result in profiling or other malevolent impact, specifically on issues of informed consent, assent, notice, privacy, data retention and destruction, and equity in data.

- B. The Resident Advisory Board members are or were recipients and end users of State services, and shall provide insight and recommendations from their life experiences. The members of the Resident Advisory Board shall be compensated for their time and contributions.
 - 1. Participating Agencies and the Operating Group will work to identify funding sources, through shared resources, philanthropic organizations or federal grants, to provide training, administrative support and other assistance to the Resident Advisory Board members.
 - 2. Funds accumulated from fees paid by Data Recipients through the data request process may be a funding source for this purpose.

- C. Members of the Resident Advisory Board shall be nominated by the Executive Board. Each member shall serve for a 2-year period, except for the first group of members who shall have staggered terms for different time periods.

The role and responsibilities of the Resident Advisory Board shall not replace the role of an Institutional Review Board.

VII. OPERATING GROUP AND DATA INTEGRATION HUB

The following is the delineation of the roles and responsibilities of the Operating Group (OPM) and the Data Integration Hub (DOL). The goals of the Operating Group and the Data Integration Hub are to provide the P20 WIN Data Sharing process with quality service, timely resolution to issues and superior performance that will enable the participating agencies to achieve the P20 WIN vision. The Operating Group and Data Integration Hub have shared responsibility to host and operate P20 WIN, with the Operating Group serving as the lead agency responsible for the operations of P20 WIN and the Data Integration Hub responsible for hosting, linking and Transmitting Data.

- A. Operating Group (OPM)

1. Responsibilities:
 - a. Support the Executive Board and the Data Governing Board and facilitate a smooth and efficient operation for the benefit of the Participating Agencies and the greater benefit of the State and its residents.
 - b. In collaboration with the Participating Agencies, develop a budget for each biennial budget term to support costs across all Participating Agencies associated with ongoing operation, maintenance and improvement of the Data Sharing process.
 - c. Develop and submit a budget request for the Operating Group and the P20 WIN Data Sharing process costs, based on recommendations from the Executive Board.
 - d. In collaboration with Participating Agencies, develop appropriate and necessary legal documents to distribute funds for the P20 WIN Data Sharing system as defined in the approved budget.
 - e. Provide financial back-office support for managing the receipt and distribution of funds according to the fully executed Data Sharing Agreement.
 - f. Provide program management to support the continued operation, maintenance and improvement of the Data Integration Hub as a resource for the Participating Agencies and the State.
 - g. Serve as the primary point of contact for incoming Data Sharing Requests and coordinate communication between Data Recipients and the Participating Agencies as necessary to support the completion of documents required by the Data Sharing process.
 - h. For each approved DSA, facilitate communication between the Data Recipient, Participating Agencies and the Data Integration Hub to ensure the process for fulfilling the terms of the DSA are progressing.
 - i. Provide for meeting space and materials for the Executive Board and the Data Governing Board meetings as needed, including public notice as required.
 - j. Coordinate and prepare reports on Data Sharing activities and outcomes for legislative and funding stakeholders.
 - k. Facilitate any audits that are requested and required by any Party.
 - l. Implement the current fee policy from Data Recipients.
 - m. Maintain the official, executed version of this E-MOU, along with all Appendices , in an electronic form.

B. Data Integration Hub (DOL)

1. Responsibilities:
 - a. Enter into Data Sharing Agreements with Participating Agencies and Data Recipients.
 - b. Maintain a secure server that supports approved data matching software and/or methods so that matches can be conducted at optimum speed, privacy, security and accuracy.
 - c. Retain data matching software, implement procedures, and document data matching methods that have been approved by the Data Governing Board for the purpose of facilitating Data requests using the Data Integration Hub.

- d. Utilize the data matching software and/or methods approved by the Data Governing Board to conduct matches between Data sets from participating agencies for approved Data Sharing Requests.
- e. Comply with the provisions of the applicable federal and state data security, confidentiality and privacy requirements. Nothing in this E-MOU may be construed to allow the Data Integration Hub to maintain, use, disclose, or share data in a manner inconsistent with applicable federal and state laws and regulations or inconsistent with the terms of this E-MOU.
- f. Transmission and storage of all Data received by a Data Integration Hub shall be in full compliance with all state and federal legislative and regulatory requirements related to information security, including but not limited to, commercially-available and widespread precautionary measures, such as firewall implementation, virus scanning, security access control software, encryption of data as it leaves the data boundary, secure tunnels and limitation of physical access to confidential information and personally identifiable information.
- g. Upon the written request from a Party, the Data Integration Hub shall disclose and permit a Party to inspect and audit data confidentiality, privacy or security protocols, practices, and policies to ensure compliance with the terms of this E-MOU and applicable federal and state laws.
- h. The Data Integration Hub shall:
 - 1) Only utilize Data received to fulfill an authorized Data Sharing Request pursuant to a Data Sharing Agreement in accordance with applicable federal and state laws and regulations. Authorization given by Participating Agencies via a Data Sharing Agreement to the Data Integration Hub to use Data for one purpose does not confer approval to use it for any other purpose.
 - 2) Not re-disclose, duplicate or disseminate (except as necessary to fulfill the stated purpose of a particular Data Sharing Agreement), or convey ownership of any portion of the shared Data and records in any media format without the prior written approval from the particular Participating Agency which provided the Data.
 - 3) Transmit all Data via a secure connection approved by the State Information Technology Policy, such as a Virtual Private Network (VPN) or Secure File Transfer Protocol (SFTP) connectivity.
 - 4) Only transmit, via electronic mail, Data Sets that have been appropriately de-identified according to applicable privacy, confidentiality, and security requirements, as outlined in the Data Sharing Agreement. No protected Data will be transmitted via electronic mail.
 - 5) Take all necessary steps to ensure that any protected identifiable information or other identifiable or confidential Data in the possession or control of the Data Integration Hub are destroyed in a timely fashion as provided in the Data Sharing Agreement; and

- 6) Abide by policies and procedures recommended by the Data Governing Board and adopted by the Executive Board.

VIII. DUTIES AND RESPONSIBILITIES OF PARTICIPATING AGENCIES

Each Participating Agency shall be responsible for the Data that reside in its respective system(s). This E-MOU shall only apply to Data that is shared with the Data Integration Hub through P20 WIN Data Sharing requests at the unit and aggregate levels. Notwithstanding any provision of this E-MOU or any Appendix hereto, each Participating Agency reserves the right to refuse to share or disclose any Data Elements or decline the Data Sharing request in its entirety, in its sole discretion, with documentation as to the reason for the refusal. Participating Agency agrees to:

- A. Execute this E-MOU. In doing so, the Participating Agency affirms that it has the requisite authority to enter and perform this E-MOU. The Participating Agency Executive or designee shall be the representative authorized to sign this E-MOU on behalf of the Participating Agency.
- B. Serve on the Executive and Data Governing Boards as described in this E-MOU.
- C. Comply with the provisions of this E-MOU and its Appendices.
- D. Participate in data governance processes in accord with this E-MOU and its Appendices.
- E. Prior to agreeing to provide its Data for a Data Sharing Request, verify and confirm that the Data required for the request is available and may be shared for the requested purpose.
- F. Abide by all policies and procedures recommended by the Data Governing Board and adopted by the Executive Board.

IX. DATA SOVEREIGNTY

Sovereignty of all data collected and maintained by each Participating Agency remains with the Participating Agency. The transmission of Participating Agencies' Data via the Data Integration Hub and subsequent data matching and disclosure of any Resultant Data pursuant to this E-MOU via a Data Sharing Agreement (DSA) do not change the ownership of the Participating Agency's Data and do not additionally assign any such rights to any other Party, entity or person. The DSA between the Participating Agencies, the Data Integration Hub and the Data Recipient ONLY controls the use and disclosure of such Data to the Data Recipient, and where approved by an Institutional Review Board (IRB).

X. FREEDOM OF INFORMATION ACT REQUESTS

If there is a request to a Party pursuant to the Freedom of Information Act (“FOIA”) for Data in the possession of the Party which is owned by another Party, such Party shall coordinate with the Party that owns the Data to respond to the request. Such coordination shall be initiated within 24 hours, and no later than 48 hours of the receipt of the FOIA request.

XI. DATA SHARING MANAGEMENT

This Section describes the process for Data Sharing from more than one Participating Agency. If Data is requested from only one Participating Agency, this process and documentation does not apply and the Data Recipient may directly contact the specific Participating Agency.

- A. With support from the Operating Group, the Participating Agencies providing Data and the Data Recipient shall identify details specifying the intended purpose, data content, security expectations, availability and dependency requirements in the DSA and the Data Sharing Request Form (Exhibit A to the Data Sharing Agreement) which shall address, including but not limited to the following:
 1. Scope of Project
 - a. What is the proposed Data Sharing project?
 - b. What is the purpose of the Data Sharing Request (and that it meets all Federal and State law requirements for Data Sharing)?
 - c. Does it further the vision, purpose and research agenda of the P20 WIN?
 - d. What specific data fields and elements are to be queried/linked?
 - e. When will the Data Recipient destroy or return the Resultant Data?
 2. Entities Involved
 - a. Who are the Participating Agencies sharing the data?
 - b. What is the Data Requesting entity?
 - c. Who are the Participating Agency contacts?
 - d. Who are the Data Requesting contacts?
 3. Identify any applicable federal and state laws and regulations to determine whether all confidentiality/privacy requirements are being met.
 4. Document the plans for data analysis and reporting of findings from the Resultant Data.
 5. Data Recipient shall provide information whether the Data Recipient is able to meet the Data security requirements and conduct the Data analysis in a secure environment.
 6. Determine the Participating Agencies’ confidentiality and privacy requirements, permissions and limitations for Data Recipient’s dissemination or publication of the results before release beyond the Data Recipient(s) named in the DSA.
 7. Signed approval from Participating Agencies.
- B. The Data Recipient shall submit the completed Data Sharing Request Form (Exhibit A to the Data Sharing Agreement) to the Operating Group for completeness review, including for support from the Participating Agencies. The Operating Group shall prepare the Data Sharing Request

Form for review by the Data Governing Board representatives from the Participating Agencies whose data are requested in the Data Sharing Request Form. The Data Governing Board representatives from the Participating Agencies whose Data are requested in the Data Sharing Request shall make one of the following decisions:

1. Approval: Data Recipient(s) receive notification of the decision, and that each Participating Agency has verified the availability of the requested Data and agrees to share the Data for the specific purpose of the request.
2. Conditional Approval: Data Recipient (s) shall receive notification of the decision, subject to Data Governing Board's request and review of additional information. The Participating Agencies and the Data Recipient shall be allowed to provide additional information, and/or address the comments or concerns of the Data Governing Board and resubmit the request.
3. Disapproval: Data Recipient (s) shall receive notification of the decision and the supporting reasons for the decision not to share or match Data based on the given Data Sharing Request Form.

The Participating Agencies' representatives do not have to meet in person and the Participating Agencies' votes may be virtual, including but not limited to telephonic. The Operating Group shall be responsible for notifying the Data Recipient of the applicable decision.

XII. METHODOLOGY

The Participating Agencies in the Data Sharing Request shall, in accordance with the DSA, provide the Data Integration Hub with the requested Data files and will describe the Data flow process in the DSA. Each Participating Agency input file shall contain a generic identifier for each Individual record. The generic unique identifier, used solely for the Data Sharing process using the Data Integration Hub, will bear no resemblance to or contain any part of an individual's identifiable data.

The Operating Group shall coordinate and schedule the Transmission of Data from Participating Agencies with Data that was approved to be a part of the Data request. Each Participating Agency with Data that was approved to be a part of the Data request and who approved the use of their Data will produce the input Data sets required to satisfy the request:

- A. The file used for data matching will be structured so that there is one unique record per Individual represented. Data that may have been pulled from a dimensional data source will be flattened to produce an input file in this format.
- B. Participating Agency shall structure the file with a unique generic ID to each unique record in the file that identifies the Participating Agency which is providing the Data.

Each Participating Agency shall utilize the Specifications under this E-MOU when responding to a P20WIN Data Sharing Request.

The Participating Agencies may jointly advise the revision of these Specifications, and the Data Governing Board may recommend to the Executive Board the adoption of amendments to, or repeal and replacement of, the Specifications for integrating data for matching services at any time in accordance with Appendix 4 of this E-MOU.

Upon receipt of all required input Data sets, the Data Integration Hub shall utilize data matching software and/or methods approved by the Data Governing Board to integrate the Data sets.

XIII. USE OF DATA

- A. All Parties to this E-MOU, and specifically, the Data Integration Hub, shall only use Data for the authorized Data Sharing Request purpose and no other purpose in accordance with applicable federal and state law, this E-MOU and the Data Sharing Agreement. Each Party shall monitor the use of Data by its Users, employees, vendors and any other person or entity that receives, sends, or has access to Data pursuant to this E-MOU. Nothing in this E-MOU may be construed to allow any Party, person or entity to maintain, use, disclose or share Data in a manner inconsistent with the terms of this E-MOU or its Appendices and applicable federal and state laws and regulations.
- B. The Parties agree that they will comply with any operational measures necessary due to changes in applicable law.
- C. Each Participating Agency agrees that unless permitted or required to share Data by applicable federal and/or state law, it may obtain the appropriate authorization to disclose the Data for the Individual, pursuant to the terms and conditions of this E-MOU and its Appendices. If a signed consent to share the Data is required, the Participating Agency may take steps to obtain the Individual's consent to release the Data. Where the Individual is a minor, the Participating Agency may take steps to obtain the Individual's parent or legal guardian consent. If the Individual has a representative authorized to act on her/his behalf, the Participating Agency may take steps to obtain the Individual's representative consent.
 - 1. Tracking of Authorizations. The Participating Agencies agree to track the expiration and/or revocation of the Individuals consent authorization in compliance with the applicable federal and state laws.
 - 2. Defective authorization. Individuals consent authorization is not valid if the document has any of the following defects: (a) the expiration date has passed or the expiration event is known by the Participating Agency to have occurred; (b) the authorization has not been completely filled out, with respect to a required element by federal and/or state law; (c) the authorization is known by the Participating Agency to have been revoked; (d) the authorization creates a compound authorization or violates the prohibition on conditioning the provision of services or benefits on conditioning authorizations; (e) any material information in an authorization is known by the Participating Agency to be false.

3. Revocations of authorizations. Individuals may revoke a consent authorization provided under this section at any time for subsequent Data Sharing requests, provided that the revocation is given in writing to the Participating Agency, except to the extent that the Data has already been shared or actions have taken place in reliance on the prior consent authorization. The confidentiality and privacy policies of each Participating Agency shall govern the Individuals revocation of consent authorizations.

XIV. P20 WIN DATA SHARING SYSTEM ACCESS POLICIES

- A. Each Participating Agency acknowledges that Participating Agency access and disclosure policies may differ among them as a result of differing applicable laws and business practices. Each Participating Agency agrees to be responsible for encrypting data in transit and at rest, using current industry standard algorithms agreed on by the Participating Agencies involved and the Data Integration Hub before transmission occurs based on the application of its Participating Agency Access and Disclosure policies to the requested data. Each Participating Agency shall comply with applicable federal and state law, this E-MOU, and all applicable Specifications in Transmittal of Data.
- B. Each Participating Agency agrees to employ an approved credentialing service, through which the Participating Agency, or its designee, uses the Digital Credentials to verify the identity of each User prior to enabling such user to Transmit Data. The “approved credentialing service” must meet state, federal and industry standards. It must also be commonly used, verifiable, and known as being used in existing data exchange systems.

XV. ENTERPRISE SECURITY SPECIFICATIONS

- A. Each Participating Agency agrees:
 1. To implement and maintain a security program that, at a minimum, includes all controls identified in NIST Special Publication 800-171. Furthermore, each Participating Agency shall be responsible for maintaining a secure environment compliant with state policies, standards and guidelines, and other applicable federal and state law that supports the Transmission of Data in compliance with the Specifications.
 2. To comply with additional safeguards recommended by the Data Governing Board and/or required by the Executive Board, including but not limited to encryption of Data in transit and at rest using current industry standard algorithms agreed on by the Parties involved before transmission occurs.
 3. As appropriate under applicable federal and state law, have written privacy and security policies, including Access and Disclosure policies.
 4. To the extent permissible under applicable federal and state law, comply with Specifications that define expectations with respect to data privacy and security standards in this E-MOU.

- B. The Data Integration Hub agrees:
1. To implement and maintain a security program that, at a minimum, includes all controls identified in NIST Special Publication 800-171.
 2. That each Participating Agency shall, through its agents, employees, and independent contractors have the ability to audit the processes at the Data Integration Hub related to this E-MOU for Data security purposes: to clarify, the Participating Agency has the ability to monitor the access to and use of the Data Integration Hub, but not the records or the Data being provided
 3. That all Data from each Participating Agency, in the possession of the Data Integration Hub, shall be encrypted at rest (storage) and in motion (Transmittal) including all Participating Agency Data sent to the Data Recipient.
 4. To develop procedures to notify Participating Agencies when a breach or suspected breach of the Data Integration Hub has occurred.
- C. In accordance with applicable federal and state law, each Party shall be responsible for procuring and assuring that its User(s) have or have access to equipment and software necessary to fulfill its responsibilities under this E-MOU.
- D. Security Standards for Transmission of Data and for Data at Rest. The Transmission of Data shall be encrypted to appropriate framework, using current industry standard algorithms agreed on by the Parties involved. Electronic signatures shall be used in the Data Transmission and Data at rest to identify the source and destination.
- E. Exception Process. A Participating Agency which does not fully meet the standards set forth in this Section XV may submit a proposed plan to share Data to the Data Governing Board during the process of coming into full compliance with the stated requirements.
- F. Applicability of Privacy and Security Regulations. To maintain the privacy, confidentiality, and security of the Data, and in determining Data security (including but not limited to where the Data shall be maintained and who has access to the Data), each Party shall comply with applicable federal and state law and this E-MOU and the data privacy and security standards.
- G. Safeguards. Each Party shall use reasonable and appropriate administrative, physical and technical safeguards in conformity with NIST SP 800-171 requirements.
- H. Breach Notification. If a breach occurs while the Data is in the possession of a Party, such Party shall comply with the applicable federal and state law requirements regarding reporting of a breach or a potential breach, including but not limited to the Attorney General's Data Security Department, C.G.S. § 36a-701b, that affect Data covered under a Data Sharing Agreement (DSA) and comply with the requirements contained in Appendix 2 hereto.

- I. Conflict of Obligations. This Section shall not be deemed to supersede a Participating Agency's obligations (if any) under relevant security incident, breach notification or confidentiality provisions of applicable federal and law.
- J. Conflict of Compliance. Compliance with this Section shall not relieve any Party of any security incident or breach reporting requirements under applicable federal and state law including, but not limited to, those related to Individuals.

XVI. ONBOARDING NEW PARTICIPATING AGENCIES, AND SUSPENSION AND REINSTATEMENT OF PARTICIPATING AGENCIES

Onboarding of new entities for data sharing and suspending and reinstating Participating Agencies shall be in accordance with Appendix 1.

XVII. AUDITS

The Operating Group will facilitate any required confidentiality, privacy or security audits related to the P20 WIN Data Sharing process that are requested by any of the Participating Agencies. To perform this duty, the Operating Group shall:

- A. Facilitate any Participating Agency to audit or assess the Data Integration Hub's data sharing confidentiality, privacy or security protocols and practices to ensure compliance with applicable laws and this E-MOU.
- B. Ensure maintenance of logs to track a) Data files received; b) matches conducted; c) Data files maintained; and d) the output files sent to approved Data Recipient(s). Logged information shall specifically document when Data was transferred, who received and sent Data, Data Elements involved, Data Sharing Request to which the Transferred Data pertain, dates of Data destruction and other relevant information.
- C. Regularly monitor Users at the Data Integration Hub with access to Data to determine whether the job responsibilities of those persons continue to require access to Participating Agencies' Data. The Data Integration Hub shall immediately facilitate the removal of access for any person who is determined to no longer require such access.

XVIII. MISCELLANEOUS PROVISIONS

- A. Amendments. An amendment of the E-MOU and its Appendices and the DSA and its Exhibits may be recommended by the Data Governing Board to the Executive Board in accordance with Appendix 3 and Appendix 4. To be considered, all members of the Executive Board must be present (including telephonically or virtually) for the vote. Revisions to this E-MOU must be approved by the Executive Board by a unanimous vote of the Executive Board.

After such vote, if a member participated by telephonically or virtually, the Operating Group shall follow up with such member and capture their vote for inclusion. A formal written amendment shall memorialize the approved revisions to this E-MOU, and shall not be effective until executed by all Parties to the E-MOU.

- B. Term and Termination. The term of this E-MOU is for a period of three (3) years. This E-MOU shall remain in full force and effect for the entire term of the E-MOU period stated herein, unless terminated by any Participating Agency on behalf of itself as a Party to the E-MOU with thirty (30) days written notice to the Operating Group. If this E-MOU is found by a court or tribunal of competent jurisdiction to be in conflict with any federal or state laws or with any rule, regulation, or guideline, it shall be null and void to the extent of such conflict. Notwithstanding this termination provision, if any Party to this E-MOU is found to have breached the confidentiality provisions contained herein, the remaining Parties may immediately terminate their participation without notice.
- C. Notices. All notices to be made under this E-MOU shall be in writing and given to the authorized Participating Agency's contact at the address listed below. The Participating Agencies shall notify each other in writing of any change to this designation within ten (10) business days:
1. State Department of Education
Ajit Gopalakrishnan, Chief Performance Officer
Connecticut State Department of Education
450 Columbus Boulevard, Suite 710
Hartford, CT 06103
Phone: 830.713.6888
Email: ajit.gopalakrishnan@ct.gov
 2. State Department of Labor
Patrick Flaherty, Acting Director of Research and Information
Connecticut Department of Labor
200 Folly Brook Boulevard
Wethersfield, CT 06109
Phone: 860.263.6281
Email: Patrick.flaherty@ct.gov
 3. State Office of Early Childhood
Eileen McMurrer, Coordinator – Division of Research, Planning and Technology
Connecticut Office of Early Childhood
450 Columbus Blvd
Hartford, CT 06103
Phone: 860.500.4417
Email: eileen.mcmurrer@ct.gov

4. Connecticut State Colleges and Universities
Jan Kiehne, Senior Associate for Decision Support Resources & Data Privacy Officer
Connecticut State Colleges and Universities
61 Woodland Street
Hartford, CT 06105
Phone: 860.723.0236
Email: jkiehne@commnet.edu

5. University of Connecticut
Lauren Jorgensen, Director
Office of Institutional Research and Effectiveness
University of Connecticut
Phone: 860.486.1904
Email: Lauren.Jorgensen@uconn.edu

6. Connecticut Independent College and University Institute for Research and Public Services
Jennifer Widness, President
CT Independent College & University Institute for Research and Public Service, Inc.
71 Raymond Road
West Hartford, CT 06107
Phone: 860.678.0005
Email: widnessj@theccic.org

7. Connecticut Department of Social Services
Susan Smith, Director of Business Intelligence and Analytics
Connecticut Department of Social Services
55 Farmington Avenue
Hartford, CT 06105
Phone: 860.550.6436
Email: Susan.Smith@ct.gov

8. Connecticut Office of Higher Education
Ram Aberasturia, Chief Operating Officer
Connecticut Office of Higher Education
450 Columbus Blvd, Suite 707
Hartford, CT 06103
Phone: 860.947.1819
Email: Ram.Aberasturia@ct.gov

9. Connecticut Department of Children and Families

Fred North, Program Director, DCF Bureau of Strategic Planning, Data Reporting and Evaluation
Connecticut Department of Children and Families
505 Hudson Street
Hartford, CT 06106
Phone: 860.560.5065
Email: Fred.North@ct.gov

10. Connecticut Coalition to End Homelessness
Paul Schmitz, Director of HMIS and Strategic Analysis
Connecticut Coalition to End Homelessness
257 Lawrence Street
Hartford, CT 06106
Phone: 860.690.0123
Email: pschmitz@cceh.org

11. Connecticut Department of Mental Health and Addiction Services
Michael Giralamo, Chief Quality & Data Officer
Connecticut Department of Mental Health and Addiction Services
410 Capitol Avenue
Hartford, CT 06106
Phone: 860.418.6919
Email: Michael.Giralamo@ct.gov

12. Connecticut Court Support Services Division
Bryan Sperry, Deputy Director of Information Technology
Judicial Branch, Court Support Services Division
455 Winding Brook Dr.
Glastonbury, CT 06033
Phone: 860.368.3857
Email: bryan.sperry@jud.ct.gov

13. Connecticut Technical Education and Career System
Joe Campbell, Educational Technology Consultant
Connecticut Technical Education and Career System
39 Woodland Street
Hartford, CT 06105
Phone: 860.807.2116
Email: joe.campbell@cttech.org

14. Connecticut Office of Policy and Management
Scott Gaul, Chief Data Officer

Connecticut Office of Policy and Management
450 Capitol Avenue
Hartford, CT 06106
Phone: 860.418.6236
Email: Scott.Gaul@ct.gov

- D. Governing Law. This E-MOU shall be governed by and construed in accordance with applicable laws of the United States and the State of Connecticut.
- E. Validity of Provisions. In the event that any Section, or any part or portion of any Section of this E-MOU, is determined to be invalid, void or otherwise unenforceable, each and every remaining Section or part thereof shall remain in full force and effect.
- F. Priority. In the event of any conflict or inconsistency between a provision in the body of this E-MOU and any Appendix hereto, the terms contained in the body of this E-MOU shall prevail.
- G. Headings. The headings throughout this E-MOU are for reference purposes only, and the words contained therein may in no way be held to explain, modify, or aid in the interpretation or construction of meaning of the provisions of this E-MOU. All references in this instrument to designated "Sections" and other subdivisions are to the designated Sections and other subdivisions of this E-MOU. The words "herein," "hereof," "hereunder," and other words of similar import refer to this E-MOU as a whole and not to any particular Section or other subdivision.
- H. Relationship of the Parties. Nothing in this E-MOU shall be construed to create a partnership, agency relationship, or joint venture among the Parties to this E-MOU. No Party shall have any authority to bind or make commitments on behalf of another Party for any purpose, nor shall any such Party hold itself out as having such authority. No Party shall be held liable for the acts or omissions of another Party.
- I. Effective Date. With respect to the first two (2) Participating Agencies to this E-MOU, the Effective Date shall be the date on which the second Participating Agency executes this E-MOU. For all Participating Agencies thereafter, the Effective Date shall be the date that the Participating Agency executes this E-MOU.
- J. Counterparts. This E-MOU may be executed in any number of counterparts, each of which shall be deemed an original as against the Participating Agency whose signature appears thereon, but all of which taken together shall constitute but one and the same instrument.
- K. Third-Party Beneficiaries. There shall be no right of any person to claim a beneficial interest in this E-MOU or any rights occurring by virtue of this E-MOU.

- L. Force Majeure. A Participating Agency shall not be deemed in violation of any provision of this E-MOU if it is prevented from performing any of its obligations by reason of: (a) severe weather and storms; (b) earthquakes or other disruptive natural occurrences or Acts of God; extensive power failures in durations of over five (5) business days; (d) nuclear or other civil or military emergencies; (e) pandemic proclamations; (f) quarantines (g) terrorist attacks; (h) acts of legislative, judicial, executive, or administrative authorities; or (i) any other circumstances that are not within its reasonable control. This Section shall not apply to obligations imposed under applicable federal and state law.

- M. Court Order or Subpoena. In the event that the Operating Group or the Data Integration Hub receive a request to disclose all or any part of the Data, Data Sharing Request, or Resultant Data under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction or by a Governmental Authority, the Operating Group or the Data Integration Hub shall (i) immediately notify the relevant Participating Agency(ies) of the existence, terms and circumstances surrounding such a request, and shall promptly provide the Participating Agency(ies) with a copy of such court order or lawfully issued subpoena, with a copy to the Participating Agency(ies)' legal department; (ii) consult with the Participating Agency(ies) on the advisability of taking legally available steps to resist or narrow such request; and (iii) if disclosure of such source is required, exercise its best efforts to obtain an order or other reliable assurance that confidential treatment will be accorded to such portion of the disclosed Data of the involved Participating Agency(ies).

- N. Supersedes Prior Agreements. This E-MOU shall supersede all prior agreements and understandings whether written or oral among the Parties, any of them, with respect to the subject matter hereof.

- O. Sovereign Immunity. Nothing in this E-MOU waives the State of Connecticut's sovereign immunity from suit and all of the protections under sovereign immunity.

- P. Entire E-MOU. This E-MOU, together with all Appendices, constitutes the entire agreement. The official, executed version of this E-MOU shall be maintained in an electronic form by the Operating Group.

XIX. ACCEPTANCE AND APPROVALS

- A. For the State Board of Education:
Charlene Russell-Tucker, Commissioner

Signature: _____

Date Signed: _____

- B. For the Connecticut Department of Labor:
Dante Bartolomeo, Commissioner

Signature: Dante Bartolomeo

Date Signed: 4/18/23

- C. For the Office of Early Childhood:
Beth Bye, Commissioner

Signature: _____

Date Signed: _____

- D. For the University of Connecticut:
Lloyd Blanchard, Vice President for Strategic Initiatives

Signature: _____

Date Signed: _____

- E. For the Connecticut Independent College and University Institute for Research and Public Services:
Jennifer Widness, President

Signature: _____

Date Signed: _____

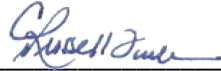
- F. For the Connecticut State Colleges and Universities:
Dr. Hitesh Rai Kathuria, Provost

Signature: _____

Date Signed: _____

XIX. ACCEPTANCE AND APPROVALS

- A. For the State Board of Education:
Charlene Russell-Tucker, Commissioner

Signature: 
Date Signed: May 5, 2023

- B. For the Connecticut Department of Labor:
Dante Bartolomeo, Commissioner

Signature: _____
Date Signed: _____

- C. For the Office of Early Childhood:
Beth Bye, Commissioner

Signature: _____
Date Signed: _____

- D. For the University of Connecticut:
Lloyd Blanchard, Vice President for Strategic Initiatives

Signature: _____
Date Signed: _____

- E. For the Connecticut Independent College and University Institute for Research and Public Services:
Jennifer Widness, President

Signature: _____
Date Signed: _____

- F. For the Connecticut State Colleges and Universities:
Dr. Hitesh Rai Kathuria, Provost

Signature: _____
Date Signed: _____

G. For the Connecticut Department of Social Services:

Andrea Barton-Reeves, Commissioner

Signature: _____

Date Signed: _____

H. For the Connecticut Office of Higher Education:

Tim Larson, Executive Director

Signature:  _____

Date Signed: 4/24/2023

I. For the Connecticut Department of Children and Families:

Vannessa Dorantes, Commissioner

Signature: _____

Date Signed: _____

J. For the Connecticut Coalition to End Homelessness:

Evonne Klein, Executive Director

Signature: _____

Date Signed: _____

K. For the Connecticut Department of Mental Health and Addiction Services

Christopher McClure, Chief of Staff

Signature: _____

Date Signed: _____

L. For the Connecticut Court Support Services Division

Gary Roberge, Executive Director

Signature: _____

Date Signed: _____

M. For the Connecticut Technical Education and Career Services

Ellen Solek, Superintendent & Executive Director

Signature: _____

Date Signed: _____

XIX. ACCEPTANCE AND APPROVALS

- A. For the State Board of Education:
Charlene Russell-Tucker, Commissioner

Signature: _____

Date Signed: _____

- B. For the Connecticut Department of Labor:
Dante Bartolomeo, Commissioner

Signature: _____

Date Signed: _____

- C. For the Office of Early Childhood:
Beth Bye, Commissioner

Signature: B. Bye

Date Signed: 5/3/07

- D. For the University of Connecticut:
Lloyd Blanchard, Vice President for Strategic Initiatives

Signature: _____

Date Signed: _____

- E. For the Connecticut Independent College and University Institute for Research and Public Services:
Jennifer Widness, President

Signature: _____

Date Signed: _____

- F. For the Connecticut State Colleges and Universities:
Dr. Hitesh Rai Kathuria, Provost

Signature: _____

Date Signed: _____

G. For the Connecticut Department of Social Services:

Andrea Barton-Reeves, Commissioner

Signature: _____

Date Signed: _____

H. For the Connecticut Office of Higher Education:

Tim Larson, Executive Director

Signature: _____

Date Signed: _____

I. For the Connecticut Department of Children and Families:

Vannessa Dorantes, Commissioner

Signature: _____

Date Signed: _____

J. For the Connecticut Coalition to End Homelessness:

Evonne Klein, Executive Director

Signature: 

Date Signed: April 26, 2023

K. For the Connecticut Department of Mental Health and Addiction Services

Christopher McClure, Chief of Staff

Signature: _____

Date Signed: _____

L. For the Connecticut Court Support Services Division

Gary Roberge, Executive Director

Signature: _____

Date Signed: _____

M. For the Connecticut Technical Education and Career Services

Ellen Solek, Superintendent & Executive Director

Signature: _____

Date Signed: _____

- G. For the Connecticut Department of Social Services:
Andrea Barton-Reeves, Commissioner

Signature: _____

Date Signed: _____

- H. For the Connecticut Office of Higher Education:
Tim Larson, Executive Director

Signature: _____

Date Signed: _____

- I. For the Connecticut Department of Children and Families:
Vannessa Dorantes, Commissioner

Signature: _____

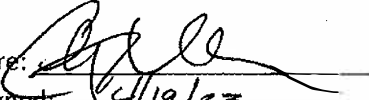
Date Signed: _____

- J. For the Connecticut Coalition to End Homelessness:
Evonne Klein, Executive Director

Signature: _____

Date Signed: _____

- K. For the Connecticut Department of Mental Health and Addiction Services
Christopher McClure, Chief of Staff

Signature:  _____

Date Signed: 4/19/23

- L. For the Connecticut Court Support Services Division
Gary Roberge, Executive Director

Signature: _____

Date Signed: _____

- M. For the Connecticut Technical Education and Career Services
Ellen Solek, Superintendent & Executive Director

Signature: _____

Date Signed: _____

XIX. ACCEPTANCE AND APPROVALS

- A. For the State Board of Education:
Charlene Russell-Tucker, Commissioner

Signature: _____

Date Signed: _____

- B. For the Connecticut Department of Labor:
Dante Bartolomeo, Commissioner

Signature: _____

Date Signed: _____

- C. For the Office of Early Childhood:
Beth Bye, Commissioner

Signature: _____

Date Signed: _____

- D. For the University of Connecticut:
Lloyd Blanchard, Vice President for Strategic Initiatives

Signature: _____

Date Signed: _____

- E. For the Connecticut Independent College and University Institute for Research and Public Services:
Jennifer Widness, President

Signature: _____

Date Signed: _____

- F. For the Connecticut State Colleges and Universities:
Dr. Hitesh Rai Kathuria, Provost

Signature: DocuSigned by: Hitesh Rai Kathuria

Date Signed: 7D9B1ACD138D42A... 4/24/2023

XIX. ACCEPTANCE AND APPROVALS

- A. For the State Board of Education:
Charlene Russell-Tucker, Commissioner

Signature: _____

Date Signed: _____

- B. For the Connecticut Department of Labor:
Dante Bartolomeo, Commissioner

Signature: _____

Date Signed: _____

- C. For the Office of Early Childhood:
Beth Bye, Commissioner

Signature: _____

Date Signed: _____

- D. For the University of Connecticut:
Lloyd Blanchard, Vice President for Strategic Initiatives

Signature: _____

Date Signed: _____

- E. For the Connecticut Independent College and University Institute for Research and Public Services:
Jennifer Widness, President

Signature: Jennifer P. Widness

Date Signed: 4/21/23

- F. For the Connecticut State Colleges and Universities:
Dr. Hitesh Rai Kathuria, Provost

Signature: _____

Date Signed: _____

G. For the Connecticut Department of Social Services:

Andrea Barton-Reeves, Commissioner

Signature: _____

Date Signed: _____

H. For the Connecticut Office of Higher Education:


Tim Larson, Executive Director

Signature: _____

Date Signed: _____

I. For the Connecticut Department of Children and Families:

Vannessa Dorantes, Commissioner

Signature: 

Date Signed: 05/05/23

J. For the Connecticut Coalition to End Homelessness:

Evonne Klein, Executive Director

Signature: _____

Date Signed: _____

K. For the Connecticut Department of Mental Health and Addiction Services

Christopher McClure, Chief of Staff

Signature: _____

Date Signed: _____

L. For the Connecticut Court Support Services Division

Gary Roberge, Executive Director

Signature: _____

Date Signed: _____

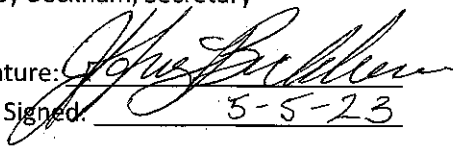
M. For the Connecticut Technical Education and Career Services

Ellen Solek, Superintendent & Executive Director

Signature: _____

Date Signed: _____

N. For the Connecticut Office of Policy and Management:
Jeffrey Beckham, Secretary

Signature: 
Date Signed: 5-5-23

APPENDIX 1

Procedures for Adding a New Participating Agency, Suspending a Participating Agency and Reinstating of a Participating Agency

1. Adding A New Participating Agency

When an Applicant requests to join this E-MOU, the request shall be directed by the Executive Board to the Operating Group to review the authority of the Applicant to access and share the data and potential security, privacy, confidentiality or conflict of interest concerns that might be raised if the Applicant participates in the Data Sharing process. If the Operating Group determines if there are any such concerns, the Operating Group will work with the Applicant to resolve the issues. If no concerns are identified, the Operating Group will recommend to the Executive Board adding the Applicant as a Participating Agency. If the Executive Board, by a unanimous vote, accepts the recommendation of the Operating Group, the Applicant will be considered a Participating Agency. The E-MOU will be amended to add the Applicant as a Participating Agency and all Parties shall sign the revised E-MOU.

2. Suspension of a Participating Agency

A. Voluntarily by the Participating Agency

Participating Agencies or the Data Integration Hub may voluntarily cease Data Sharing with other Parties. Such Participating Agency or Data Integration Hub agrees to notify the Operating Group of the interruption prior to the interruption, if planned, or as soon as reasonably practicable after the interruption begins, if unplanned. The Operating Group shall notify the Executive Board, the Data Governing Board and all other Participating Agencies. In addition, such Participating Agency agrees to be responsible for taking all technical actions necessary to reinstate Data Sharing with other Parties and during this cessation to continue to comply with the terms and conditions of the E-MOU.

B. INVOLUNTARILY – WITH CAUSE

When a complaint, report, or other information indicates that a suspension may be warranted, the Data Governing Board may initiate an investigation of complaint, report, or other information. The Data Governing Board shall immediately notify the Party(ies) in question of the investigation.

When the complaint, report, or other information indicates that a suspension must be implemented immediately and, in the judgment of the Data Governing Board, it is not practical to delay the suspension while the Executive Board is convened, the Data Governing Board shall immediately:

- a. Notify the Executive Board of the recommendation and request that the Executive Board take all actions necessary to carry out the suspension, including, but not limited to, suspension of the Participating Agency's access to Data Sharing service;
- b. Call a special meeting of the Executive Board to evaluate the recommendation of suspension; and
- c. If the Executive Board agrees with the recommendation, notify the suspended Participating Agency of the suspension.

The Data Governing Board shall meet as soon as practicable, but no later than five (5) business days after the receipt of the complaint by the Data Governing Board, to evaluate the suspension action by the Executive Board. The suspension shall remain in effect until the Data Governing Board meets to evaluate the suspension and makes a recommendation to the Executive Board to affirm, modify, or terminate the suspension.

If a member of the Data Governing Board is the designee of the Participating Agency identified by the complaint, the designee will recuse herself/himself from the investigation of the complaint.

If a complaint has not been resolved by the Data Governing Board within thirty (30) days after it was first received (or such longer period as agreed to in writing by the Participating Agency who is a party to the complaint), then the complaint shall be escalated to the Executive Board for resolution. If the Executive Board (if a member of the Executive Board is the designee of the Participating Agency identified by the complaint, the designee will recuse herself/himself from the discussion and vote) cannot decide unanimously on a resolution of the complaint, then the complaint is dismissed with no action taken against the Participating Agency.

If, through the investigation, the Data Governing Board recommends that a Participating Agency is (i) creating an immediate threat, or (ii) will cause irreparable harm to another party, including but not limited to, another Participating Agency, a User, or an individual whose data are shared pursuant to this E-MOU, the Data Governing Board may recommend to the Executive Board to suspend a Participating Agency and that such suspension be tailored to address the threat posed by the Participating Agency. If the Executive Board concurs in the recommendation, the Executive Board shall order the Data Governing Board to take all technical actions necessary to carry out the suspension including, but not limited to, suspension of the Participating Agency's access to the Data Sharing services. As soon as reasonably practicable after suspending a Participating Agency, but in no case longer than twelve (12) business hours, the Data Governing Board shall provide the suspended Participating Agency with a written summary of the reasons for the suspension and notify all other Participating Agencies of the suspension.

The suspended Participating Agency agrees to provide the Data Governing Board with a written plan of correction to the suspension within ten (10) business days of being notified of the suspension.

Any objection shall specify the reason that the Participating Agency feels the suspension is inappropriate. The plan of correction shall describe the action that the Participating Agency is taking to address, mitigate and remediate the issue(s) that caused the Data Governing Board to recommend that a suspension was appropriate and include a timeframe for such actions. The Data Governing Board shall meet and review a suspended Participating Agency's plan of correction or objection within ten (10) business days of receipt from the Participating Agency; determine whether to recommend to the Executive Board to accept or reject the plan of correction or affirm the suspension; and communicate such decision to the Executive Board who will act on such recommendation and provide its decision to the suspended Participating Agency and the Data Governing Board.

If the Data Governing Board rejects the plan of correction, it shall work in good faith with the suspended Participating Agency to develop a mutually acceptable plan of correction. If the Data Governing Board and the suspended Participating Agency cannot reach agreement on the content of the plan of correction or on the reasons supporting the suspension it, the Data Governing Board may submit the Dispute to the Executive Board or make a recommendation to terminate the Participating Agency.

Any suspensions imposed shall remain in effect until the Participating Agency is reinstated or terminated in accordance with this E-MOU. A Participating Agency shall be suspended by the Data Governing Board before the Participating Agency can recommend termination of the Participating Agency.

3. Reinstatement

A. After Voluntary Suspension by a Participating Agency

The Participating Agency that has voluntarily ceased Data Sharing can advise the Operating Group of its decision to resume Data Sharing services. The Operating Group shall advise the Executive Board, the Data Governing Board, and all other Participating Agencies of the resumption of Data Sharing.

B. After Suspension with Cause

When a Participating Agency's ability to participate in the data sharing services has been suspended by the Data Governing Board with cause, the Participating Agency agrees to provide evidence to the Data Governing Board of the Participating Agency's fulfillment of the obligations of its plan of correction. The Data Governing Board shall review such evidence at its next regularly scheduled meeting following receipt from the Participating Agency.

If the Data Governing Board is not satisfied that the Participating Agency has met its obligations under its plan of correction, the Data Governing Board shall inform the Participating Agency of

the deficiencies within five (5) business days of reaching that decision. The Participating Agency will have the ability to submit additional evidence that addresses such deficiencies.

When the Data Governing Board is satisfied that the evidence presented indicates that the Participating Agency has fulfilled its obligations under the plan of correction, it shall recommend that the Executive Board instruct the Data Governing Board to take all actions necessary to reinstate the Participating Agency’s ability to participate in the data sharing services including, but not limited to the reinstatement of the Participating Agency’s access to the Data Sharing services. Such action should be completed as soon as possible but not later than three (3) business days after reaching that decision. The Executive Board shall inform all Participating Agencies of such reinstatement forthwith.

Multiple suspensions with cause may result in a permanent suspension.

Revision Date	Description/ Reason	Revised by	Approved By	Approved Date
4/8/2022	Updated to place primary responsibility on the Operating Group to identify prospective new agencies and determine their eligibility to join P20 WIN	P20 WIN Operating Group	P20 WIN Executive Board	6/22/2022

Appendix 2
Procedures for Breach Notification

1. Procedures for Party Breach Notification

A. Notification Process

Upon initial notification of an actual or potential Breach or reason to believe PII was breached, the Party (ies) responsible for or affected by such Breach shall report such event to the Operating Group for the Data Governing Board. Such reports shall be made as soon as the Party learns of the Breach or potential Breach but no later than 24 hours from when the Participating Agency discovered or had reasonable belief that there was an actual or potential Breach by unauthorized individuals or entities. Party (ies) shall also comply with any federal and state law and regulations regarding Breaches, including but not limited to requirement of notices to the Attorney General's Office pursuant to C.S.G § 36a-701b and to the State Auditor and Comptroller pursuant to C.G.S. § 4-33a(3).

B. Notification Content

The Notification shall include sufficient information for the Data Governing Board to understand the nature of the actual or potential Breach. For instance, such Notification shall include, to the extent available at the time of the notification, the following information:

- 1) One or two sentence description of the actual or potential Breach;
- 2) Description of the roles of the people involved in the actual or potential Breach (e.g. state employees, users, service provider, unauthorized persons, etc.);
- 3) Type of actual or potential data Breach;
- 4) Party (ies) likely impacted by actual or potential Breach;
- 5) Number of users or records impacted/estimated to be impacted by the actual or potential Breach;
- 6) Actions taken by the Party to mitigate the actual or potential Breach;
- 7) Current status of the actual or potential Breach (under investigation or resolved); and
- 8) Corrective action taken and steps planned to be taken to prevent a similar actual or potential Breach.

The Notification shall not include any confidential or protected Data. The Party agrees to supplement the information contained in the Notification as it becomes available.

If, on the basis of the information available to the Party, the Party believes that it should temporarily cease providing Data with all other Participating Agencies, it may undergo a service level interruption or voluntary suspension in accordance with Appendix 1 of this E-MOU.

2. Disposition of Breach Alerts and Notifications

A. Review of the Breach by the Data Governing Board

The Data Governing Board shall facilitate a meeting upon receipt of the actual or potential Breach alert or Notification for the purpose of reviewing the Notification and determining the following:

- 1) The impact of the Breach or potential Breach on the privacy, security, confidentiality and integrity of the Data Sharing process;
- 2) Whether the Data Governing Board needs to take any action to suspend the Party(ies) involved in the Breach or potential Breach in accordance with Appendix 1 of this E-MOU;
- 3) Whether the Data Governing Board should take any other measures in response to the notification or alert;
- 4) The Data Governing Board shall, if needed, request additional information from the Party(ies) involved in the Breach or potential Breach to fulfill its responsibilities. However, with respect to potential Breach alerts, the Data Governing Board is encouraged to hold inquiries and request additional information to allow the Party(ies) time to determine whether a Breach actually occurred. After determination of a Breach (whether actual, potential or it is determined that it is not a Breach), there should be documentation kept by the Party(ies) of the event that occurred, in order to maintain records for review in case of audit, etc.

B. Voluntary Suspension of Termination by the Participating Agency

If, on the basis of the actual or potential Breach alert or Notification, a Party(ies) desires to cease Data Sharing with the Participating Agency(ies) involved in the potential or actual Breach, pursuant to Appendix 1 of the E-MOU, such Participating Agency shall notify the Operating Group for the Executive Board Chairperson of such suspension. The Operating Group for the Executive Board's Chairperson shall notify members of the Data Governing Board and all Party(ies) of such suspension and maintain a log of all such suspensions.

C. Determination of Breach Resolution

Once complete information about the Breach becomes available, the Data Governing Board shall meet to determine whether the actions taken by the Party(ies) involved in the actual or potential Breach are sufficient to mitigate the actual or potential Breach and prevent a similar Breach from occurring in the future. Once the Data Governing Board is satisfied that the Party(ies) has taken all appropriate measures, the Data Governing Board shall deem the actual or potential Breach resolved and will so advise the Executive Board of such recommendation.

- 1) This resolution will be communicated to all Party(ies) (by communicating with the appropriate DSG representative) involved in the actual or potential Breach and those Party(ies) that ceased Data Sharing with the Participating Agencies involved in the Breach.

- 2) Lessons learned on the root cause of the actual or potential Breach will be communicated to all Party(ies), including those not involved in the actual or potential Breach, to prevent a recurrence of the event in the future.

Revision Date	Description/ Reason	Revised by	Approved By	Approved Date
4/8/2022	Updated to clarify the notification process during an actual or potential breach. The additional language is intended to clarify existing policy for breach identification and notification	P20 WIN Operating Group	P20 WIN Executive Board	6/22/2022

July 28, 2021

APPENDIX 3
Process to Amend the P20 WIN Enterprise MOU

1. Retention and Dissemination of the E-MOU

The official, executed version of the E-MOU shall be maintained in an electronic form by the Operating Group.

2. Submission of Proposed Amendments to the E-MOU

Any Party may submit in writing to the Executive Board a request for an amendment to the E-MOU. All requests for proposed amendments shall identify:

- The section of the E-MOU that is the subject of the requested amendment;
- A description of why the requested amendment is necessary;
- The proposed language for the requested amendment; and
- An analysis of the expected impact of the requested amendment.

The Executive Board shall forward the request to the Data Governing Board for its review and consideration no later than its next meeting.

3. Consideration of Proposed Amendments to the E-MOU

If, after considering the request, the Data Governing Board determines that the request does not have merit, it shall communicate this determination to the requesting Participating Agency.

If, after considering the request, the Data Governing Board determines that the request has merit, the Data Governing Board shall document the determination by completing the following tasks and forwarding the documentation to the Executive Board:

- A copy of the proposed amendment to the E-MOU;
- Description of why the requested amendment is necessary and any foreseeable impact of the amendment;
- Statement regarding whether the proposed amendment is necessary in order for the Executive Board or the Participating Agencies to comply with state or federal law; and
- Projected effective date for the proposed amendment.

4. Approval or Rejection of Proposed Amendments to the E-MOU

The entire Executive Board shall vote on any proposed amendments to the E-MOU; to approve an amendment to the E-MOU, the vote must be by a unanimous vote of all Parties to the E-MOU, which may be virtual, including but not limited to telephonic.

Once an amendment is approved by the Executive Board, all Party(ies) shall sign the amendment to the E-MOU prior to the effective date of the amendment, or terminate their participation in accordance with Section XIX.B. of this E-MOU.

July 28, 2021

Appendix 4
Change Process for Data Sharing Services

1. Requests for Change

A. Process Changes

The Executive Board shall have the authority to adopt new processes for Data Sharing pursuant to this E-MOU to maintain or improve the integrity of data being exchanged and improve the efficiency and efficacy of how the data is being shared (collectively a “Process Change”) by adopting amendments to the E-MOU. For Process Changes, and upon the request from the Executive Board, the Data Governing Board may evaluate the change and provide comments to the Executive Board.

B. Compliance Changes

The Executive Board shall have the authority to recommend to adopt new processes or to make changes to the existing E-MOU that are necessary for compliance with all applicable state and federal laws and regulations (collectively a “Compliance Change”). For Compliance Changes, and upon request from the Executive Board, the Data Governing Board may evaluate the change and provide comments to the Executive Board.

2. Receipt

All requests for changes shall be directed in writing to the Chairperson of the Executive Board with a copy to the Operating Group. The Operating Group, on behalf of the Executive Board, shall catalog all requests for changes upon receipt. The catalog shall include:

- a) Type of the proposed change (e.g. new, amendment, repeal)
- b) Name and version number of the specification (where applicable);
- c) Whether the proposed change is a Process Change, Compliance Change or a request for consultation;
- d) Brief description of the reasons for the proposed change (e.g. to enhance metadata available about a document, to meet requirements of a new use case or to comply with a specific law or regulations);
- e) Description of the actual changes;
- f) Preliminary analysis of the potential business and technical impact to Participating Agencies and their Users; and
- g) Estimation of cost to implement the proposed change initially and to provide ongoing support and maintenance.
- h) Copy of the specification.

3. Evaluation

The Executive Board, through the Operating Group, shall, within five (5) business days after the receipt of the request, forward the request for change to the Data Governing Board for technical evaluation of the request and to make a recommendation to the Executive Board. During consideration of the request for change, the Data Governing Board may request additional help from Party (ies), or the requesting Party, or a committee appointed by the Executive Board as the Data Governing Board deems reasonably necessary.

A. Evaluation Criteria for Proposed Changes

1) Evaluation of Process Changes

If the change is a Process Change, the Data Governing Board, through the Operating Group, shall ensure that each Party is provided a copy of the original proposed change. Each Party shall respond in writing to the Operating Group by a designated response date with the following information:

- a. Will implementation of the Process Change have a significant adverse operational or financial impact (e.g., cost benefit analysis) on the Party;
- b. Will implementation of the Process Change require the Party to materially modify its existing agreements with its Users or third parties;
- c. Does the Party believe that implementation of the Process Change will require an amendment to the E-MOU, including amendments to the permitted purposes; and
- d. Indicate whether the Party would implement a change if optional.

The Party agrees to provide supporting reasons or rationale for each response where the Party responds in the affirmative. The Data Governing Board may request additional information from Party(ies) to further evaluate the responses.

2) Determination of Process Changes

The Data Governing Board shall review responses to inform its recommendation to the Executive Board about the proposed change. The criteria when considering the proposed change shall include:

- a. If the change has a significant adverse operational or financial impact on any of the Party(ies);
- b. Does the change require any of the Party(ies) to modify their existing agreements with Users or third parties;
- c. Require an amendment to the E-MOU;
- d. The value of the change to the Party(ies), clients of the Participating Agencies, and to the State as a whole; and

- e. The risks of implementing or not implementing the proposed change to the Participating Agencies, clients of the Participating Agencies, and to the State as a whole.

In addition, the Data Governing Board shall consider the implications of the change to the policies and procedures for the Data Sharing.

If a new agency becomes a Participating Agency after the Participating Agencies have been asked to respond to questions about the Process Change but before the designated response date, the new Participating Agency will be given an opportunity to respond by the designated response date.

The Data Governing Board shall present its recommendation to the Executive Board at the Executive Board's next regularly scheduled meeting following the designated response date. The Executive Board shall review the Data Governing Board's recommendation and make a final decision whether the Process Change is an approved change.

3) Evaluation of Compliance Changes

If the proposed change is a Compliance Change, the Data Governing Board shall review the change to assess its impact. The Data Governing Board shall meet with the Executive Board and present its findings and recommendations within thirty (30) days of the Data Governing Board receiving the Compliance Change. The Executive Board shall review the Data Governing Board's recommendation and make a final decision within two (2) weeks of receiving the Data Governing Board's recommendation.

4) Evaluation of the Timeline for Implementation of the Change

For both Process Changes and Compliance Changes, the Data Governing Board shall assess and make recommendations to the Executive Board on the timeline for implementing the change including, but not limited to the amount of time that Party (ies) should be given to migrate to the new specification. The Data Governing Board shall consider:

- a. Whether the change impacts Data Sharing among the Participating Agencies;
- b. All other projects in which the Participating Agencies are engaged, their timelines, the availability of staff and resources and how they would affect the proposed timeline for implementing the new change.
- c. Prior specifications that will be supported for backward compatibility purposes and the business implications of such support:
- d. If multiple versions will be supported, a sunset date for such support as the multiple versions are collapsed;
- e. The business implications for Participating Agencies related to migrating to the new specification;
- f. The number of Participating Agencies and number of transactions that will be impacted by the new specification;

- g. The amount of time that Participating Agencies should be given to migrate to the new specification; and
- h. Sunset dates as “old” specifications are retired.

The Data Governing Board shall present its recommendations regarding implementation to the Executive Board at the same time it presents its other recommendations regarding the same change to the Executive Board. The Executive Board shall review the Data Governing Board’s recommendation and make a final determination regarding the timeline.

B. Response

1) Process Changes

At the conclusion of the response period established during the evaluation of the proposed change, the Executive Board shall evaluate whether to approve the Process Change, if an E-MOU change will be required, and a proposed timeline for implementation. Revisions to the E-MOU mandated by approved Process Changes will be performed in accordance with Appendix 3 of this E-MOU.

2) Compliance Changes

Depending on the responses from the Party(ies), the Executive Board may provide input to all Party(ies) on the impact of the Compliance Change and the recommended timeline for implementation.