



**Pennsylvania  
State Board of Higher Education**

**Pennsylvania State Board of Higher Education  
Postsecondary Data Dashboards  
Technical Appendix**

**May 2026**

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## Introduction

Act 69 of 2024 authorized the State Board of Higher Education (SBHE) to “[c]reate and maintain a database for the collection and analysis of postsecondary data to inform the board's policy recommendations and assess the progress of the strategic plan goals, including postsecondary education and workforce outcomes.” The Act further states that any data collection necessary to fulfil this duty should be “limited and reduced to the extent feasible.”

To that end, SBHE began assembling higher education and workforce data from existing federal and state sources to serve as the basis of the Commonwealth’s first set of comprehensive data dashboards depicting several key aspects of higher education; otherwise known as SBHE data dashboards. The SBHE data dashboards can be accessed at <https://www.pa.gov/agencies/sbhe/data-dashboards.html>.

The data dashboards provide concrete information on five key areas of higher education:

- Enrollment
- Attainment
- College Costs
- Higher Education Finance
- Postsecondary Credential Supply, Workforce Demand, and Gaps

This Technical Appendix explains the data sources, definitions, and decisions used to construct the datasets used in the SBHE data dashboards published in May 2026. The goal for this Technical Appendix is to provide users with all the necessary information and steps to replicate the analyses shown in the dashboards.

## Data Sources

The data used in these data dashboards were obtained from a variety of sources. Table 1 summarizes each data source, including the specific survey and years used, their availability, and level of aggregation. No additional data submission from any Pennsylvania higher education institution was requested or required to create the SBHE dashboards.

**TABLE 1. Overview of Data Sources**

Data Source and Years	Description	Data are Publicly Available or Already Reported?
<p>U.S. Department of Education:  <a href="#">Integrated Postsecondary Education Data System</a> (IPEDS)</p> <p>Surveys included:</p> <ul style="list-style-type: none"> <li>• Institutional Characteristics (AY2010-11 to AY2023-24)</li> <li>• 12-month and Fall Enrollment (AY2010-11 to AY2023-24)</li> <li>• Student Financial Aid (AY2015-16 to AY2023-24)</li> <li>• Completions (AY2017-18 to AY2023-24)</li> <li>• Graduation Rates (AY2017-18 to AY2023-24)</li> <li>• Outcomes Measures (AY2017-18 to AY2023-24)</li> </ul>	<p>IPEDS is a federal system of institutional surveys conducted annually that gathers data from every college, university, and technical and vocational institution that participates in federal student financial aid programs.</p>	<p>Data are aggregated at the institutional level and publicly available</p>
<p>U.S. Department of Education:  <a href="#">College Scorecard</a>            (AY2017-18 to AY2023-24)</p>	<p>College Scorecard is an annual federal survey that collects aggregate cost, student borrowing/debt/repayment amounts, and employment data from higher education institutions in the United States.</p>	<p>Data are aggregated at the institution level and publicly available</p>
<p><a href="#">Lightcast</a></p>	<p>Lightcast is a global labor market intelligence platform offering comprehensive workforce data across 165</p>	<p>Data are extracted from public sources and available</p>

(Ten-year employment projections from 2024 to 2034, converted to average annual job openings)	countries, covering over 2.5 billion job postings and 800 million career profiles. They provide data and tools for skills-based hiring, workforce planning, business attraction, and education program design. At present, the Pennsylvania Departments of Education, Community and Economic Development, and Labor and Industry subscribe to Lightcast.	via paid subscription. There are no restrictions on publishing the data for entities with a subscription.
<a href="#">State Higher Education Finance</a> (SHEF) (2014 to 2024)	An annual survey conducted by the State Higher Education Executive Officers (SHEEO) of state-level governing, policy, and coordinating boards to collect a range of data on higher education funding and revenue sources.	Data are aggregated at the state level and publicly available
<a href="#">Partnerships for Regional Economic Performance</a> (PREP) Regions	The Partnerships for Regional Economic Performance (PREP) regions are ten clusters of counties determined by the Pennsylvania Department of Community and Economic Development to support economic development.	Data are publicly available. PREP regions are used in the dashboard as a filter that allows users to examine data on a regional level.
Advance CTE's <a href="#">Career Clusters</a>	A publicly available, national framework, commonly used by states and postsecondary institutions, that examines emergent skills, skills required to enter and advance in an occupation, and industry trends and combines key attributes across sector (cluster) and occupations (sub-cluster).	Data are publicly available
U.S. Department of Health and Human Services' <a href="#">Poverty Thresholds</a>	U.S. Department of Health and Human Services publishes annual guidelines listing the thresholds where families of different sizes fall above or below poverty.	Data are publicly available. Poverty Thresholds are used as a filter in some dashboards.

## Unit of Analysis by Data Source

Depending on the dashboard, data are displayed at the institutional, state and regional, and occupation levels. Each level and their corresponding data source is described in this section.

### Institutional Level

For the Enrollment, Attainment and College Costs data dashboards, institutions are the unit of analysis. The primary institutional-level data sources are the Integrated Postsecondary Education Data System (IPEDS) and College Scorecard. These two data sources are described below.

### Integrated Postsecondary Education Data System (IPEDS)

IPEDS is a system of annual interrelated institutional- and system-level surveys conducted by the U.S. Department of Education's National Center for Education Statistics (NCES). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs (e.g., Title IV financial aid programs) report data on enrollments, program completions, graduation rates, finances, institutional prices, and student financial aid. As such, IPEDS gathers information from every college, university, and technical and vocational institution that participates in the federal student financial aid programs.

Based on IPEDS' Institutional Characteristics survey, the Enrollment, Attainment and College Costs dashboards display postsecondary institutions that were open and located in Pennsylvania during the specified academic year. Private licensed schools, which offer postsecondary entry-level career training, are also included if they award federal student aid. Administrative units are not included in the dashboards.

It is important to understand the number of postsecondary institutions represented in any given year in the dashboards as new postsecondary institutions open and existing ones close over the years. Thus, the total number of Pennsylvania higher education institutions represented in the dashboards by academic year are shown in Table 2 and listed by name, institution type, and academic years open in Appendix A.

**TABLE 2. Number of Pennsylvania postsecondary institutions reporting to IPEDS, 2010-11 academic year through 2023-24 academic year**

<b>Academic Year</b>	<b>Number of Postsecondary Institutions in Pennsylvania Reporting to IPEDS</b>
2023-24	314
2022-23	319
2021-22	328
2020-21	336
2019-20	338
2018-19	352
2017-18	364
2016-17	379
2015-16	386
2014-15	394
2013-14	400
2012-13	402
2011-12	400
2010-11	397

### *Institution Type*

Pennsylvania’s higher education sector contains multiple institution types. To best capture this diversity, postsecondary institutions are classified into the eight categories shown below. The dashboards customize IPEDS institutional classifications to reflect categories that are commonly used by the Pennsylvania Department of Education. These categories are:

- PASSHE – Public four-year universities within the Pennsylvania State System of Higher Education.
- State-Related Main Campus – A state-related university receives state funding through an annual nonpreferred appropriation from the General Assembly and offers a tuition discount to Pennsylvania residents. Each state-related

university is governed by a board that includes Commonwealth officials and other members. There are four state-related main campuses in Pennsylvania—Pennsylvania State University, University of Pittsburgh, Temple University, and Lincoln University.

- State-Related Regional Campus - Regional campuses of Pennsylvania State University and University of Pittsburgh, as well as Pennsylvania College of Technology.
- Community College – Public two-year institutions that primarily confer Associate’s degrees and certificates.
- Other Public Two-Year – Publicly-funded two-year institutions not categorized as community colleges. This includes Northern Pennsylvania Regional College and Thaddeus Stevens College of Technology, which primarily offer Associate’s degrees and certificates.
- Independent Non-Profit Four-Year – Independent, non-profit colleges and universities granting Bachelor’s or higher degrees.
- Private Licensed School – Privately operated, state-licensed schools offering postsecondary entry-level career training.
- Specialized Institutions – Institutions that do not fit any of the above categories, including but not limited to cosmetology schools, schools of nursing, career and technical centers, and religiously-affiliated institutions and theological seminaries.

#### *Reporting of Regional Campus Data for Pennsylvania State University*

For most of the years included in the data dashboards, the main and regional campuses of Pennsylvania State University (PSU) and the University of Pittsburgh were reported as individual institutions. However, beginning with the winter collection period of the 2019-20 academic year and concluding in the 2021-2022 academic year, PSU reported to IPEDS as a single consolidated unit that included both main and regional campuses. Table 3 shows how PSU reported to IPEDS prior, during, and after the affected reporting periods.

**TABLE 3. IPEDS reporting by Pennsylvania State University main and regional campus and as one university**

<b>Fall 2019-20</b>	<b>Fall 2020-21</b>	<b>Fall 2021-22</b>	<b>Fall 2022-23</b>
<b>24 Separate Campuses</b>	<b>Reported as One University</b>	<b>Reported as One University</b>	<b>22 Separate Campuses</b>
Main Campus	The Pennsylvania State University	The Pennsylvania State University	Main Campus**
Penn State Abington			Penn State Abington
Penn State Altoona			Penn State Altoona
Penn State Beaver			Penn State Beaver
Penn State Berks			Penn State Berks
Penn State Brandywine			Penn State Brandywine
Penn State DuBois			Penn State DuBois
Penn State Erie-Behrend College			Penn State Erie-Behrend College
Penn State Fayette- Eberly			Penn State Fayette- Eberly
Penn State Great Valley			Penn State Great Valley
Penn State Greater Allegheny			Penn State Greater Allegheny
Penn State Harrisburg			Penn State Harrisburg
Penn State Hazleton			Penn State Hazleton
Penn State Lehigh Valley			Penn State Lehigh Valley
Penn State Mont Alto			Penn State Mont Alto
Penn State New Kensington			Penn State New Kensington
Penn State Schuylkill			Penn State Schuylkill
Penn State Scranton			Penn State Scranton
Penn State Shenango			Penn State Shenango
Penn State Wilkes-Barre			Penn State Wilkes-Barre
Penn State York			Penn State York
World Campus			World Campus
Dickinson Law			
Penn State College of Medicine			

Note: \*\* Dickinson Law and Penn State College of Medicine now report under the Main Campus.

In future iterations of the data dashboards PSU will provide SBHE with data for each of its regional campus.

## College Scorecard

The College Scorecard is one part of the comprehensive College Affordability and Transparency Center, which is managed by the U.S. Department of Education and designed to provide greater transparency into the full annual cost of attending and net price<sup>1</sup> of college. Unlike IPEDS, College Scorecard does not rely on institutional surveys but combines institutional reporting from IPEDS with aggregate administrative records from the National Student Loan Data System (NSLDS) and tax data from the U.S. Department of the Treasury. This provides a unique look into post-completions outcomes, such as median earnings of graduates and debt burden of students who receive federal financial aid.

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<sup>1</sup> Net price refers to the advertised price for tuition, fees, books, supplies, and the average living costs at the school (on-campus, off-campus not with family, and off-campus with family) after subtracting the average grant and/or scholarship aid (e.g., Pell grants, school-based grants, merit scholarships).

## State and Regional Level

For the Higher Education Finance dashboard, states are the primary unit of analysis. This is the only dashboard that allows for inter-state comparisons. The primary data source for state-level higher education finance estimates is the State Higher Education Executive Officers' State Higher Education Finance (SHEF) survey. SHEF data are available at <https://shef.sheeo.org/data-downloads/>. In the other dashboards, a region filter is included to compare across different parts of Pennsylvania.

A brief description of both data sources are provided below.

### State Higher Education Finance

Each year, SHEF collects data from states on their average annual state higher education appropriations, state financial aid, and net tuition and fees.<sup>2</sup> State-level data for public higher education institutions are adjusted for inter-state enrollment differences, referred to as Enrollment Mix Index [EMI], based on the proportion of enrollment in public higher education institutions in each state compared to the national proportions of enrollment in public higher education institutions by Carnegie Classification. The financial metrics are adjusted down in states with a more expensive enrollment mix and up in states with a less expensive enrollment mix. This allows for more accurate comparisons, albeit separately, of states' contributions to public and independent higher education institutions. EMI adjustments are not made in the analysis of state appropriations and state financial aid to independent non-profit four-year and for-profit institutions.

Finance data shown in the Higher Education Finance dashboard are also adjusted for inflation using the first six-month average of the Consumer Price Index (CPI) for 2024. Unless stated otherwise, all amounts are shown in 2024 dollars. Historical CPI tables were taken from <https://www.bls.gov/cpi/tables/supplemental-files/>

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<sup>2</sup> Net tuition and fees is defined as gross tuition and fee revenue minus state-funded student financial aid, institutional tuition discounts and waivers, and tuition paid by medical students.

## Region

Most of the dashboards contain a Region filter. This filter utilizes the ten Partnerships for Regional Economic Performance (PREP) regions, which were developed by the Department of Community and Economic Development to encourage regional coordination in economic development efforts. These ten regions are also used by local workforce development boards to coordinate regional planning collaboration.

The ten PREP regions and the counties that comprise each region are as follows:

- Central (Centre, Clinton, Columbia, Juniata, Lycoming, Mifflin, Montour, Northumberland, Snyder, and Union)
- Lehigh Valley (Lehigh and Northampton)
- North Central (Cameron, Clearfield, Elk, Jefferson, McKean, and Potter)
- Northeast (Carbon, Lackawanna, Luzerne, Monroe, Pike, Schuylkill, and Wayne)
- Northern Tier (Bradford, Sullivan, Susquehanna, Tioga, and Wyoming)
- Northwest (Clarion, Crawford, Erie, Forest, Lawrence, Mercer, Venango, and Warren)
- South Alleghenies (Bedford, Blair, Cambria, Fulton, Huntingdon, and Somerset)
- South Central (Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry, and York)
- Southeast (Berks, Bucks, Chester, Delaware, Montgomery, and Philadelphia)
- Southwest (Allegheny, Armstrong, Beaver, Butler, Fayette, Greene, Indiana, Washington, and Westmoreland)

To learn more about PREP regions, visit <https://dced.pa.gov/programs/prep/>

## Occupation Level

One of the main units of analysis for the Postsecondary Credential Supply, Workforce Demand, and Gaps dashboard is occupations, specifically how many jobs across nearly 800 occupations will be needed each year to meet projected demand in 10 years. These annual calculations are provided by Lightcast, which is a widely used source of employment projections for states. A brief description of this data source is provided below.

### Lightcast

Employment data is taken from Lightcast, whose Pennsylvania-specific data are drawn from the Pennsylvania Department of Labor and Industry (DLI), as well as from federal and private data sources.<sup>3</sup> While DLI projections rely primarily on Unemployment Insurance (UI) covered wage and salary employment derived from U.S. Department of Labor’s Bureau of Labor Statistics’ Quarterly Census of Employment and Wages (QCEW) and Current Employment Statistics (CES) surveys, Lightcast uses an expanded definition of the workforce. Lightcast projections encompass four classes of workers: QCEW employees, non-QCEW employees, self-employed individuals, and business proprietors. This helps prevent the undercounting of job opportunities in sectors where self-employment and independent contracting are prevalent.

Workforce demand is measured by the average annual number of job openings within a specific region. Regions are described in more detail in the previous section. Job openings are a combination of both new jobs and replacement jobs. The latter uses Bureau of Labor Statistics separation methodology to count workers who are permanently leaving an occupation, either through occupation transfers (finding employment in another occupation) or by leaving the labor force entirely.

Occupations are initially classified using the 2018 [Standard Occupational Classification](#) (SOC) system but then aggregated into 14 career clusters. These clusters are based on Advance CTE’s career cluster taxonomy, which are aligned to—and drawn from—students’ career interests, sense of purpose, and the impact they want to make on their communities. Advance CTE’s career clusters are described in more detail in the next section.

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<sup>3</sup> Full list of data sources used by Lightcast can be viewed here: <https://kb.lightcast.io/en/articles/6957488-what-s-the-complete-list-of-sources-lightcast-uses-in-us-data>.

## Career Clusters

As noted above, career clusters are used on the Postsecondary Credential Supply, Workforce Demand, and Gaps dashboard. Career clusters are taken from Advance CTE’s National Career Clusters Framework, which was unveiled in 2002 and modernized in 2024. Advance CTE’s 14-cluster model uses industry sectors defined by real-world labor market data. For higher education, the career clusters can be used to align educational programs with the modern workforce. For example, a student might earn a CNA certificate (a short-term credential), return for an Associate’s degree in Nursing (mid-term credential), and later pursue a Bachelor’s degree in Health Administration, with each step aligned to industry-validated Healthcare & Human Services cluster and sub-clusters.

The career cluster framework can also map Classification of Instructional Programs (CIP) codes to Standard Occupational Classification (SOC) codes. This allows institutions to establish the labor market value of their degrees.

The 14 career clusters are:

Advanced Manufacturing	Construction	Supply Chain & Transportation
Arts, Entertainment, & Design	Hospitality, Events, & Tourism	Financial Services
Education	Healthcare & Human Services	Public Service & Safety
Agriculture	Energy & Natural Resources	Digital Technology
Marketing & Sales	Management & Entrepreneurship	

Additional information about Advance CTE’s career clusters can be accessed at: <https://careertech.org/career-clusters/>

## Federal Poverty Thresholds

Different thresholds for poverty are used in the Postsecondary Credential Supply, Workforce Demand, and Gaps dashboard. The U.S. Department of Health and Human Services publishes annual guidelines listing the thresholds of where families of different sizes fall above or below federal poverty level (FPL) indicators. As used in the Postsecondary Credential Supply, Workforce Demand, and Gaps dashboard, the FPL thresholds for one adult and one child in 2024 are:

- Below 150% or \$30,660;
- Between 150% and 200% or between \$30,660 and \$40,880; and
- More the 200% or \$40,880.

State longitudinal data systems and campus-based programs use these guidelines to target support services. Programs like TRIO (Upward Bound, Student Support Services) and campus Basic Needs centers, which provide SNAP assistance or emergency grants, often use a 150% or 200% FPL cutoff to identify students at risk of food or housing insecurity.

Federal Poverty Levels are utilized as a filter in the Postsecondary Credential Supply, Workforce Demands, and Gap dashboard to sort wage levels of job openings and credential gap (difference between the annual production of postsecondary credentials and demand for employees with some postsecondary education or credential).

To learn more about federal poverty levels, visit

<https://aspe.hhs.gov/sites/default/files/documents/7240229f28375f54435c5b83a3764cd1/detailed-guidelines-2024.pdf>

## Description of Dashboards

## Enrollment Dashboard

Data for the Enrollment dashboard are sourced from IPEDS 12-month and Fall Enrollment surveys. Using the roster of IPEDS-based postsecondary institutions (see Appendix A), the following data elements were either used directly from the two surveys or derived in ways explained in this section. Institution Type and Region are used throughout this dashboard as filters and have already been described above.

Below is a description of the data elements used in this dashboard.

### Student Type

- **Undergraduate Student** – Per IPEDS’s definition, students registered in at least one credit course at a postsecondary institution and who are working in a baccalaureate degree program or other formal program below the baccalaureate, such as an associate’s degree, vocational, or technical program (LSTUDY = 1).
- **Graduate Student** – Per IPEDS’s definition, students holding a Bachelor's or equivalent degree who are taking credit courses in postbaccalaureate study, including master’s, doctoral, or professional programs (LSTUDY = 2 or 3).

### 12-Month Enrollment

- **12-Month Enrollment** - Per IPEDS's definition, 12-month enrollment (EFFYALEV = 1) is the unduplicated headcount (EFYTOTLT) of undergraduate and graduate students enrolled over a 12-month period. Because this enrollment measure encompasses an entire year, it provides a more complete picture of the number of students at institutions that enroll students year-round or in short-term programs. Total undergraduate enrollment (EFFYALEV = 2) and total graduate enrollment (EFFYALEV = 12) over a 12-month period are also provided.
  - **Full-Time Equivalent (FTE) Enrollment** - Per IPEDS's definition, full-time equivalent (FTE) enrollment (FTEUG = undergraduate students, FTEGP = graduate students, FTEGP = Doctor’s professional practice) is calculated based on the total hours students are engaged in an instructional activity over a 12-month period. FTE provides a meaningful combination of full- and part-time students enrolled in credit-bearing courses across institutions that operate on different calendar systems. Total graduate FTE enrollment is the sum of FTEGP and FTEGP.

## Fall Enrollment

- **Fall Enrollment** - Per IPEDS's definition, fall enrollment (EFALEVEL = 1) measures undergraduate and graduate student access to higher education at a single point in time (e.g., Fall term). The counts include students who were enrolled in credit-bearing, degree- or certificate-seeking courses/programs and those who were enrolled in credit-bearing, non-degree- or certificate-seeking programs. Total undergraduate enrollment (EFFYALEV = 2) and total graduate enrollment (EFFYALEV = 12) during the Fall term are also provided.
  - **Full-Time Enrollment** – Per IPEDS's definition, full-time enrollment consists of twelve or more credit hours per term for undergraduate students and nine or more credit hours per term for graduate students (EFALEVEL = 22 and EFALEVEL = 32, respectively).
  - **Part-Time Enrollment** – Per IPEDS's definition, part-time enrollment consists of less than twelve credit hours per term or less than twenty-four clock hours per week for undergraduate students and less than nine credit hours per term or less than 900 contact hours for graduate students (EFALEVEL = 42 and EFALEVEL = 52, respectively).

## Attainment Dashboard

Data for the Attainment dashboard are sourced from IPEDS Completions, Graduation Rate, and Outcomes Measures surveys. Using the roster of IPEDS-based postsecondary institutions (see Appendix A), the following data elements were either used directly from the two surveys or derived in ways explained in this section. Institution Type and Region are used throughout this dashboard as filters and have already been described above.

Below is a description of the data elements used in this dashboard.

- **Bachelor's Degree Attainment** - Per IPEDS's definition, Bachelor's degree attainment (GRTOTLT13 divided by GRTOTLT8) refers to the percentage of first-time, full-time Bachelor's degree-seeking undergraduates at four-year institutions who attained their desired degree after four years. The measure is only reported for PASSHE, state-related main and regional campuses, and independent non-profit four-year institutions.
- **Cohort Year** - For outcomes that measure student outcomes over time, cohort year is used. Cohort year shows the first year that students are enrolled. For example, the 2021 cohort year for students enrolled in two-year institutions refers to the three years between initial enrollment during the 2021-22 academic year and when outcomes are observed (i.e., during the 2023-24 academic year).
- **Completion** – Per IPEDS's definition, completion (CTOTALT) refers to the total number of students who receive a degree, diploma, certificate, or other recognized postsecondary credential at a given postsecondary institution. Completions for first and second majors (MAJORNUM = 1 and 2) are counted separately.
- **Eight-Year Outcomes** - An IPEDS metric that tracks progression and completion outcomes for a broad set of undergraduate students enrolled in credit programs, including first-time, non-first-time, full-time, and part-time students. First-time students are students who have no prior postsecondary education experience attending any institution for the first time at the undergraduate level. This includes students enrolled in academic or occupational programs. It also includes students enrolled in the fall term who attended college for the first time in the prior summer session, and students who entered with advanced standing (college credits or recognized postsecondary credential

earned before graduation from high school). Conversely, non-first-time students have some prior postsecondary education experience. Outcomes are measured after eight years from entry at the referent (initial) postsecondary institution to provide a fuller picture of student progress and attainment compared to institutional graduation rates. They are:

- Attainment of an undergraduate certificate at the referent institution within eight years (OMCERT8);
  - Attainment of an Associate's degree at the referent institution within eight years (OMASSC8);
  - Attainment of a Bachelor's degree at the referent institution within eight years (OMBACH8);
  - Still enrolled at the referent institution after eight years (OMENRYI);
  - Transferred to another institution after eight years (OMENRAI); and
  - Attainment of a postsecondary credential was not observed and no longer enrolled at the referent institution after eight years (OMENRUN).
- **Graduation Rate** – Per IPEDS's definition, graduation rates refer to the percentage of first-time, full-time (FTFT) degree- or certificate-seeking undergraduates who completed their credit program within 150% of normal time. The length of time given to students to complete their credit program differs by the type of institution initially enrolled in:
    - **Students at Two-Year Institutions** - For FTFT students enrolled in credit programs at two-year institutions, credential outcomes are measured three years after initial enrollment (GRTOTLT30, GRTOTLT33, GRTOTLT47, and GRTOTLT48 divided by GRTOTLT29).
    - **Students at Four-Year Institutions** - For Bachelor's degree-seeking FTFT students enrolled in credit programs at four-year institutions, Bachelor's degree outcomes are measured four- and six-years after initial enrollment (GRTOTLT13 divided by GRTOTLT8 for Bachelor's degree attainment after four years; GRTOTLT9, GRTOTLT16, GRTOTLT43, and GRTOTLT44 divided by GRTOTLT8 for outcomes after six years). This measure is based on the adjusted entering cohort and is reported annually.
  - **Program of Study** - A federal classification system that groups broad programs of study by their two-digit Classification of Instruction Programs (CIP). CIP codes were last updated in 2020. For the 2017-18 and 2018-19 academic years, the 2010 version of the CIP codes were provided in IPEDS but were updated to the 2020 version to maintain consistency

across all academic years. To learn more about 2010 and 2020 CIP codes and 2010-2020 crosswalk, visit <https://nces.ed.gov/ipeds/cipcode/default.aspx?y=56>.

- **Type of Award** – Per IPEDS's definition, a classification that identifies the credential a student earns upon completing a certain number of course credits and/or credit hours in a postsecondary program:
  - **Undergraduate Certificate** – A postsecondary credential between 300 clock hours and less than four academic years that is conferred upon the satisfactory completion of a postsecondary education program.
  - **Associate's Degree** – An award that normally requires at least 2 but less than 4 years of full-time equivalent college work.
  - **Bachelor's Degree** – An undergraduate degree typically requiring four to five years of full-time equivalent study, including accelerated and cooperative programs. Bachelor's certificates are included in this category.
  - **Master's Degree** – A graduate degree requiring one to two years of full-time equivalent study beyond the bachelor's degree. Master's certificates are included in this category.
  - **Doctoral Degree** – The highest level of academic award, conferred for advanced graduate study across a wide range of professional and academic fields.

## College Costs Dashboard

Data for the College Costs dashboard are sourced from federal IPEDS Student Financial Aid survey and College Scorecard surveys. The College Scorecard survey is a federal data collection involving postsecondary institutions. Unlike IPEDS, College Scorecard data focus on college costs, student debt, and post-college earnings. Dashboard cost of attendance and net price are taken from College Scorecard data. Using the roster of IPEDS-based postsecondary institutions (see Appendix A), the following data elements were either drawn directly from the two surveys or derived in ways explained in this section. Institution Type and Region are used throughout this dashboard as filters and have already been described above.

Below is a description of the data elements used in this dashboard.

### Cost of Attendance

- **In-Sponsorship Area Tuition and Fees** - Per IPEDS's definition, in-sponsorship area tuition and fees (TUITION1 and FEE1) refer to the advertised amount charged by the institution, typically community colleges and other public two-year institutions, to full-time students residing in an area that provides local sponsorship dollars to the institution. In-sponsorship area tuition is lower than tuition charged by institutions to students residing in areas that do not sponsor the institutions. Fees are a fixed sum charged to students for items not covered by tuition.
- **In-State/Non-Sponsorship Area Tuition and Fees** - Per IPEDS's definition, in-state/non-sponsorship tuition and fees (TUITION2 and FEE2) refer to the advertised amount charged by public institutions to full-time students enrolled for a full academic year who meet the state's residency requirements but do not meet a given community college's or other public two-year institution's in-sponsorship area residency requirements. Fees are a fixed sum charged to students for items not covered by tuition. In Pennsylvania, independent non-profit four-year institutions do not make a distinction between in-state/non-sponsorship area tuition and fees and out-of-state tuition and fees. They publish a single tuition and fees charge for full-time students enrolled for a full academic year.
- **Books and Supplies** - Per IPEDS's definition, books and supplies (CHG4AY3) measure the average cost of books, course materials, supplies, and equipment for a typical student for an entire academic year (or program). The value does not include unusual costs for special groups of students (e.g., engineering or art majors), unless they constitute the majority of students at an institution.

- **Living On-Campus** - Per IPEDS's definition, living on-campus (CHG5AY3) refers to the average living costs for first-time, full-time students who receive federal financial aid and live on-campus. The amount includes books and supplies, food, housing, and other living expenses (CHG6AY3). However, the amount may not reflect a specific student's living costs.
- **Living Off-Campus With Family** - Per IPEDS's definition, living off-campus with family support (CHG9AY3) refers to the average living costs for first-time, full-time students who receive federal financial aid, live off-campus, and are financially supported by their family as estimated by postsecondary institutions. The amount includes books and supplies and other living expenses. However, the amount may not reflect a specific student's living costs.
- **Living Off-Campus Without Family** - Per IPEDS's definition, living off-campus without family support (CHG7AY3) refers to the average living costs for first-time, full-time students who receive federal financial aid, live off-campus, and are not financially supported by their family as estimated by postsecondary institutions. The amount includes books and supplies, food, housing, and other living expenses (CHG8AY3). However, the amount may not reflect a specific student's living costs.

## Grants/Scholarships

- **Federal Grants** - Per IPEDS's definition, federal grants (FGRNT\_A) refer to grants originating from federal agencies, such as the U.S. Department of Education, including Title IV Pell Grants and Supplemental Educational Opportunity Grants (SEOG). This value also includes need-based and merit-based educational assistance funds and training vouchers provided by other federal agencies and/or federally sponsored educational benefits programs.
- **State and Local Grants/Scholarships** - Per IPEDS's definition, state and local grants/scholarships (SGRNT\_A) include all grants, scholarships, fellowships, and waivers that are funded or awarded by the state and local governments where the institution is located, including the state matching share of Leveraging Educational Assistance Partnerships (LEAP), the Special Leveraging Educational Assistance Program (SLEAP), the Grants for Access and Persistence (GAP) Program, and other awards to students. This value includes need- and merit-based grants or scholarships provided by a state or local government, as well as tuition and fee, waivers, and employee exemptions for which an institution was reimbursed by a state or local government agency.

- **Institutional Grants/Scholarships** - Per IPEDS's definition, institutional grants/scholarships (IGRNT\_A) refer to fellowships and waivers that are funded or awarded by an institution and/or individual departments within the institution limited to students attending the institution. They include scholarships that target certain individuals (e.g., based on state of residence, major, or participation in athletic activities) for which the institution designates the recipient. Also includes institutional tuition and fee waivers, and employee exemptions for which an institution was not reimbursed by a state or local government agency. Includes institutional grants, and the non-work-study portion of scholarships, fellowships, and waivers used to satisfy matching requirements for other programs.
- **Weighted Total: Grants/Scholarships** - The overall average amount of grants/scholarships received by first-time, full-time (FTFT) students varies by the percentage of FTFT students who receive federal, state, or institutional grants/scholarships. For this reason, a weighted average of grants/scholarships for each institution is calculated. This is done by first multiplying the average amounts of federal, state, and institutional grants/scholarships by the percentage of FTFT students receiving each type of grant or scholarship. These average amounts are then summed together and divided by the sum of the percentage of FTFT students who receive federal, state, or institutional grants/scholarships.

## Student Loans

- **Federal Student Loans** - Per IPEDS's definition, federal student loans (FLOAN\_A) refer to money borrowed from the federal government that must be repaid for which the student is the designated borrower. It includes all Title IV federal student loan aid such as Subsidized Direct Loans and Unsubsidized Direct Loans. It also includes Health Professions Student Loans, Loans for Disadvantaged Students, Nursing Student Loans, Primary Care Loans, and other federal student loans.
- **Non-Federal Loans** - Per IPEDS's definition, non-federal loans (OLOAN\_A) refer to all short-term and long-term education loans to students made by the institution or its Schools, Colleges, or student organizations, including emergency education loans backed by a surety (i.e., financial guarantee). They also include other loans or monies that must be repaid to the lending institution for which the student is the designated borrower. This includes all institutionally and privately sponsored loans such as Income Share Agreements.
- **Weighted Total: Student Loans** - The overall average amount of loans received by first-time, full-time (FTFT) students varies by the percentage of FTFT students who receive federal or non-federal loans. For this reason, a weighted average

of student loans for each institution is calculated. This is done by first multiplying the average amounts of federal and non-federal loans by the percentage of FTFT students receiving each type of federal or non-federal loan. These average amounts are then summed together and divided by the sum of the percentage of FTFT students receiving federal or non-federal loans.

## Net Price

- **Net Price** - Per College Scorecard definition, average net price (NPT4\_PUB for public postsecondary institutions and NPT4\_PRIV for private postsecondary institutions) is calculated by adding the advertised price for tuition and fees, books, supplies, and the average housing and other expenses based on the proportion of students who live on-campus, off-campus but not with family, or off-campus with family (collectively referred to as the cost of attendance) and subtracting the average grant and/or scholarship aid (e.g., Pell grants, school-based grants, merit scholarships). For public postsecondary institutions, only the average net price of in-state students is provided. Net price is calculated as the average cost over all first-time, full-time students who receive federal financial aid and may not reflect a specific student's annual costs.

## Higher Education Finance Dashboard

Data for the Finance Dashboard is primarily sourced from the State Higher Education Executive Officer's (SHEEO) State Higher Education Finance Survey (SHEF) survey. The primary sources of SHEF data are SHEEO's member agencies, who are typically statewide governing or coordinating boards of postsecondary education. The survey is conducted annually, and the source data can be found at: <https://shef.sheeo.org/data-downloads/>.

SHEF also provides full-time equivalent (FTE) enrollment from IPEDS 12-Month Enrollment survey to normalize results across full-and part-time students at public institutions. For the independent sector, FTE enrollment for independent non-profit four-year and for-profit institutions was calculated by SBHE staff using data from the same source as SHEF (e.g., IPEDS 12-Month Enrollment survey).

The following two sources of SHEF data were used to create this dashboard:

### Data Sources

#### *2024 Report Data*

The SHEF report dataset provides timely insight into state appropriations, state financial aid, and tuition revenue in public higher education. Selected information regarding state support, specifically appropriations and state financial aid, of independent higher education institutions is also collected. The SHEF dataset offers the earliest possible review of funding levels and distributions for the most recently completed fiscal year, helping policymakers and researchers understand how state policy choices shape higher education finance within and across states.

#### *State Effort and Capacity Data*

The SHEF State Effort and Capacity to Fund Higher Education dataset provides context for understanding state higher education funding beyond per-student appropriations. While traditional FTE-based measures describe funding levels, they do not capture states' differing fiscal capacities or the relative effort they invest in higher education. To address this, the dataset combines SHEF funding data with publicly available economic and tax data to estimate state tax capacity and tax effort. This data does not include federal stimulus funding.

For both sources, SHEEO developed an adjustment for interstate enrollment differences, referred to as Enrollment Mix Index [EMI], based on the proportion of public sector enrollment in each state compared to the national proportions of public sector enrollment by Carnegie Classification. Financial metrics in the SHEF report are adjusted down in states with a more expensive enrollment mix and up in states with a less expensive enrollment mix. This allows for more accurate comparisons on a state's contribution to public higher education. For Pennsylvania, EMI is only applied to visualizations that represent public higher education institutions.

Estimates are also adjusted for inflation using the first six-month average of the Consumer Price Index (CPI) for 2024. Unless stated otherwise, all amounts are shown in 2024 dollars. Historical CPI tables were taken from <https://www.bls.gov/cpi/tables/supplemental-files/>

Lastly, an indicator for states that share a border with Pennsylvania--namely, Delaware, Maryland, New Jersey, New York, Ohio, and West Virginia--was added to most visualizations in this dashboard.

Below is a description of the data elements used in this dashboard.

- **Full-Time Equivalent (FTE) Enrollment** - Calculated based on the total hours students are engaged in for-credit instructional activity. FTE provides a meaningful combination of full- and part-time undergraduate and graduate students enrolled in credit-bearing courses across institutions that operate on different calendar systems. FTE enrollment is provided by SHEF for public higher education institutions. For independent higher education institutions, FTE enrollment of independent non-profit four-year and for-profit institutions was calculated by SBHE staff using data from IPEDS's Enrollment survey.
- **Higher Education Appropriations** - Per SHEEO's definition, higher education appropriations measures state and local support available for public higher education operating expenses, excluding student financial aid, research, hospitals, and medical education, expressed on a per-student basis using full-time equivalent enrollment (FTE). The metric subtracts state public financial aid from higher education appropriations, including federal stimulus funding and agency funding, then divides by net FTE, which standardizes enrollment across states and sectors by converting aggregate credit hours into an equivalent count of full-time students. See SHEEO's definitions for higher education

appropriations, state public financial aid, and net FTE enrollment. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2024.

- **Net Tuition and Fees Funding** - Per SHEEO's definition, net tuition and fees funding measures the resources available from tuition and fees to support instruction and related operations at public higher education institutions on a per full-time equivalent (FTE) student basis. This variable is calculated by dividing net tuition revenue—gross tuition and fee revenue minus state-funded student financial aid, institutional tuition discounts and waivers, and tuition paid by medical students—by net FTE, which standardizes enrollment across states and sectors by converting aggregate credit hours into an equivalent count of full-time students. See SHEEO's definitions for net tuition and fees revenue and net FTE enrollment. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2024.
- **Public Higher Education Institutions** - A public higher education institution is any university or community college that is either owned by the state or designated as state-related, and that is authorized to operate under state law and regulations. In Pennsylvania, PASSHE, state-related universities and their regional campuses, community colleges, Thaddeus Stevens College of Technology, and the Northern Pennsylvania Regional College are public-supported institutions.
- **Independent Higher Education Institutions** - For this dashboard, independent higher education institutions include independent non-profit four-year colleges and universities and for-profit institutions. The latter are included because their students are also eligible for state-funded student financial aid in Pennsylvania. State funds to independent higher education institutions are used to calculate the following:
  - **Operating Expenses** - Per SHEEO's definitions, state allocations to independent higher education institutions for operating expenses, such as instruction, research activities, academic support, and student services to name a few.
  - **Financial Aid** - Per SHEEO's definitions, state allocations to state scholarships or other state financial aid for students attending in-state independent higher education institutions. This variable includes all aid that is not expected to be repaid, such as conditional and non-conditional grant and scholarship programs, work-study, and student-funded tuition waivers, and excludes any allocation to state loan programs. This variable was adjusted for inflation using the first six-month average CPI for 2024.

- **State and Local Funding** - State and local funding measures state and local funding available for public higher education operating expenses and student financial aid, excluding research, hospitals, and medical education, expressed on a per-student basis using full-time equivalent enrollment (FTE). The metric divides higher education appropriations (including federal stimulus funding and agency funding) by net FTE, which standardizes enrollment across states and sectors by converting aggregate credit hours into an equivalent count of full-time students. See SHEEO's definitions for higher education appropriations and net FTE Enrollment. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2024.
- **State-Funded Student Financial Aid** - Per SHEEO's definition, state-funded student financial aid measures state-appropriated student financial aid for public higher education institutions, which includes grants and scholarships and excludes loans and aid for medical students, on a per full-time equivalent (FTE) student basis, and may include support for both tuition and living expenses, as well as unawarded funds reverted to the state in some cases. The measure divides state public financial aid by net FTE, which standardizes enrollment across states and sectors by converting aggregate credit hours into an equivalent count of full-time students. See SHEEO's definitions for state public financial aid and net FTE enrollment. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2024.
- **State Financial Aid as a Percent of Higher Education Appropriations to Public Higher Education Institutions** - Per SHEEO's definition, allocations to state scholarships or other state financial aid for students attending public higher education institutions, as a proportion of total state and local support available for public higher education operating expenses, excluding spending for research, agricultural, and medical education.
- **Student Share** - Per SHEEO's definition, student share is the proportion of total higher education funding at public-supported higher education institutions that come from students and their families (measured as net tuition revenue). Net tuition revenue used for capital debt service is included in net tuition revenue but excluded from total higher education revenue in calculating this figure.
- **State Support Per Capita** - Per SHEEO's definition, state support, which includes higher education appropriations and state-funded student financial aid to both public and independent higher education institutions, is normalized by a state's population. States with larger populations generally should have a broader tax base and, therefore, may be able

to direct greater resources toward higher education. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2023.

- **Total Higher Education Funding** - Per SHEEO's definition, total higher education funding measures the combined resources available to support public higher education operations, calculated as the sum of higher education appropriations and net tuition revenue, excluding net tuition used for capital debt service. The measure divides total education revenue, including applicable federal stimulus funding at the state level by net FTE, which standardizes enrollment across states and sectors by converting aggregate credit hours into an equivalent count of full-time students. See SHEEO's definitions for total higher education revenue and net FTE enrollment. This variable was adjusted for EMI, as well as inflation using the first six-month average CPI for 2024.

## Postsecondary Credential Supply, Workforce Demand, and Gaps Dashboard

Data for the Postsecondary Workforce Credential Supply, Demand and Gaps Dashboard are primarily sourced from the Integrated Postsecondary Education Data System (IPEDS) Completions survey and Lightcast. Each are briefly described below.

### Data Sources

#### *IPEDS Completions*

The available supply of postsecondary graduates is derived from IPEDS Completions data. To create the supply-side datafile, a five-year average—from 2019-20 academic year through 2023-24 academic year—of completions across different types of credentials and six-digit CIP codes were calculated for each Partnerships for Regional Economic Performance (PREP) region.

#### *Lightcast*

The demand-side datafile containing employment data was derived from Lightcast, a labor market analytics firm whose data are widely used by states to analyze employment trends and align occupations (using SOC codes) to educational programs (using CIP codes). As described in more detail below, Lightcast data was used to estimate the labor market demand for employees with a postsecondary credential by PREP region. Moreover, the 2018 CIP-SOC crosswalk, which was developed by the National Center for Education Statistics (<https://nces.ed.gov/ipeds/cipcode/post3.aspx?y=56>), was used to perform the occupation-educational program alignment in this dashboard.

Lightcast data also serves as the basis of an out-migration adjustment to the counts of postsecondary credentials awarded. According to Lightcast estimates, more than 50% of postsecondary credential earners leave the Commonwealth after their undergraduate graduation. Specifically, 40% of certificate or Associate's degree earners, 50% of Bachelor's degree earners, and 65% of graduate degree earners do not stay in the Commonwealth after graduating.<sup>4</sup> In addition, roughly 22% of certificate and Associate's degree holders immediately re-enrolled in another postsecondary<sup>5</sup> and nationally one-quarter of 25–34-year-

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<sup>4</sup> Lightcast estimates were taken from <https://kb.lightcast.io/en/articles/6957504-profiles-methodology>.

<sup>5</sup> According to the weighted average for certificate and Associate's degree completions of postsecondary institutions in Pennsylvania using the percentages provided by the National Student Clearinghouse Research Center's [Snapshot Report – Degree Pathways](#).

old Bachelor’s degree recipients earned a graduate degree after obtaining their bachelor’s degree.<sup>6</sup> In all, after making these out-migration and re-enrollment adjustments, 47% of certificate and Associate’s credential supply remain to enter the Pennsylvania workforce, 38% for Bachelor’s degrees, and 33% for graduate degrees. Actual and adjusted credential production are shown in Table 4 below.

**TABLE 4. Actual and adjusted annual credential production by type of credential**

<b>Type of credential</b>	<b>Annual credential production (based on five-year average, 2019-20 to 2023-24)</b>	<b>Percentage of students who remain in Pennsylvania and do not immediately re-enroll in graduate school</b>	<b>Adjusted credential production</b>
Undergraduate certificate and Associate’s degree	45,612	47%	21,232
Bachelor’s degree	98,727	38%	37,042
Master’s and doctoral degree	54,993	33%	18,390
<b>Total</b>	<b>199,331</b>	<b>38%</b>	<b>76,664</b>

### Datafile Construction: Supply

The first step in constructing the supply-side datafile was to omit all credentials that are tied to residency programs that prepare medical doctors (MD), osteopaths (DO), dentists (DDS, DMD), veterinarians (DVM), and podiatrists (DPM) for certification. These programs are not present in the CIP-SOC crosswalk because they are postgraduate, non-degree training programs, and the crosswalk is designed to map pre-graduation education to occupations. As such, they cannot be matched to an occupation via their SOC code.

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<sup>6</sup> Data provided by the U.S. Census’ Current Population Survey, Annual Social and Economic Supplement indicated that 29% of 25–34-year-old Bachelor’s earners had earned a graduate degree. This ratio was reduced to 25% to reflect that some students enter the workforce before going on to earn a second degree.

From there, using the CIP-to-career cluster crosswalk (<https://careertech.org/resource/framework-crosswalk/>), individual programs were assigned to a career cluster. If a program, measured at the six-digit CIP code level, is assigned more than one career cluster, the total number of credentials for that program of study was divided by the number of assigned career clusters.

For example, on average, 10 Bachelor’s degrees in Environmental Health (CIP = 51.2202) are awarded by postsecondary institutions in the Southeast PREP region. This program lies in both the Healthcare and Human Services and Energy and Natural Resources career clusters. After making the out-migration and re-enrollment adjustments mentioned above (e.g., 38% of Bachelor's degree earners remain in Pennsylvania after graduation and do not immediately re-enroll in graduate education), each cluster was apportioned 2 Bachelor’s degrees. This apportionment is necessary to prevent the double counting of postsecondary credentials and, thus, supply of college graduates in each PREP region.

### Datafile Construction: Demand

The demand-side datafile relies on occupation-level data from Lightcast; specifically, average annual number of job openings and the entry-level of education needed for those occupations. Occupational data was extracted separately for each of the 10 PREP regions. Lightcast reports occupations with fewer than 10 job openings per year as zero.

Typically, SOC codes are used to identify specific occupations, but in some instances Lightcast aggregates individual SOC codes into larger categories. They include:

<b>Lightcast SOC code</b>	<b>Occupation Name</b>	<b>Original SOC codes</b>
13-1028	Buyers and Purchasing Agents	13-1021, 13-1022, 13-1023
13-2028	Property Appraisers and Assessors	13-2022, 13-2023
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	21-1011, 21-1014
25-1099	Postsecondary Teachers	25-1011, 25-1021, 25-1022, 25-1031, 25-1032, 25-1041, 25-1042, 25-1043, 25-1051, 25-1052, 25-1053, 25-1054,

		25-1061, 25-1062, 25-1063, 25-1064, 25-1065, 25-1066, 25-1067, 25-1069, 25-1071, 25-1072, 25-1081, 25-1082, 25-1111, 25-1112, 25-1113, 25-1121, 25-1122, 25-1123, 25-1124, 25-1125, 25-1126, 25-1192, 25-1193, 25-1194, 25-1199
25-2052	Special Education Teachers, Kindergarten and Elementary School	25-2055, 25-2056
25-9045	Teaching Assistants, Except Postsecondary	25-9042, 25-9043, 25-9049
29-2018	Clinical Laboratory Technologists and Technicians	29-2011, 29-2012

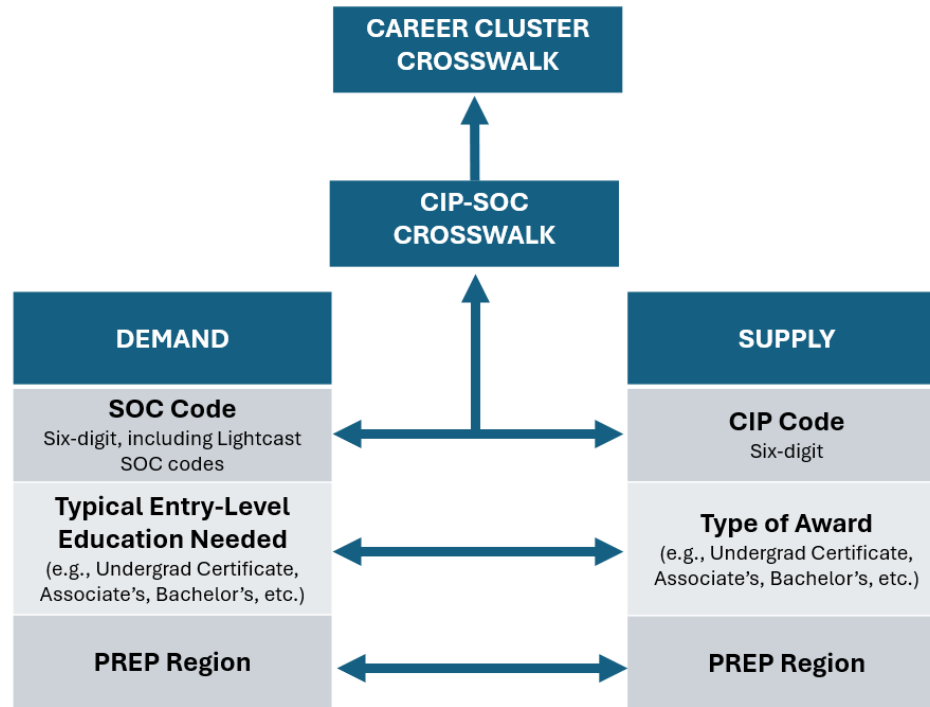
Each occupation now has both the traditional SOC code and the Lightcast revised SOC code associated with it, along with the average number of job openings and entry-level of education needed.

Additionally, there are three programs in the demand-side datafile that are not present in the CIP-SOC crosswalk but should be based on the criteria above. The occupations and their imputed CIP codes are:

<b>Occupation Name</b>	<b>Imputed CIP code</b>	<b>Imputed Program based on CIP code</b>
Substitute Teachers, Short-Term	13.9999	Education, Other
Tutors	13.9999	Education, Other
Sales Engineers	52.1803	Retailing and Retail Operations

As depicted in Figure 1 below, this combination of data elements, along with the CIP-SOC and career cluster crosswalks, were used to uniquely identify all the data used for this dashboard and to assign occupations and credentials to career clusters.

**FIGURE 1. Depiction of data linkages used to construct Demand and Supply datafiles**



A similar process to that described above was used to apportion average annual job openings per occupation across career clusters. In short, if an occupation was assigned to multiple career clusters, the number of job openings was divided by the number of those career clusters so that the overall totals are unaffected.

Below is a description of the data elements used in this dashboard.

- **Average Annual Number of Job Openings** - Derived by Lightcast, annual job openings are the total of both new jobs and replacement jobs (e.g., jobs that become available after workers permanently leave the occupation). The annual job openings estimate of 185,626 was calculated by dividing the total new and replacement jobs by the time span of interest--in this case, 11 years (2024 to 2034).
- **Annual Production of Credentials** - Calculated using IPEDS Completions data, the average production of credentials from credit-bearing programs of study is a five-year average--from 2019-20 academic year to 2023-24 academic year--of each type of credential awarded by Pennsylvania higher education institutions. The value represents the current supply of college-educated workers in a given region.
- **Career Clusters** - A publicly available, national classification system created by Advance CTE in 2002, and modernized in 2024, to serve as a bridge between education and work. There are 14 career clusters. Occupations in the same field of work that require similar skills are clustered together. In some cases, an occupation and an educational program are linked together on the CIP-SOC crosswalk at the six-digit CIP code and six-digit SOC code, respectively, but do not match to a career cluster. For example, Accounting and Computer Science (CIP = 30.1601) and Computer and Information Systems Managers (SOC = 11-3021) are matched together on the CIP-SOC crosswalk but this combination is missing from the career cluster list. In these instances, the unmatched occupation-program combination are not shown in the Career Cluster view. To learn more about Advance CTE's occupational clusters, visit <https://careertech.org/career-clusters/>.
- **Earnings Exceed Poverty Thresholds** – A categorical indicator for median annual earnings that are (1) below 150% of the federal poverty level, (2) between 150% and 200% of the federal poverty level, or (3) exceed 200% of the federal poverty level for one adult and one child in 2024. The 150% and 200% federal poverty thresholds for one adult and one child are \$30,660 and \$40,880, respectively. To learn more about federal poverty levels, visit

<https://aspe.hhs.gov/sites/default/files/documents/7240229f28375f54435c5b83a3764cd1/detailed-guidelines-2024.pdf>

- **Job Growth from 2024 to 2034** – A categorical indicator for the level of growth that a given occupation is projected to experience from 2024 to 2034 based Lightcast estimates. The categories are:
  - No job growth
  - 0-2.5% growth
  - 2.5%-5% growth
  - 5%-7.5% growth
  - More than 7.5% growth
- **Postsecondary Credential Gap** - A postsecondary credential gap exists when the demand for an occupation that requires a certain type of credential exceeds the supply of credentials of the same type being produced in the region or state.
- **Program of Study** - A federal classification system that groups credit-bearing programs of study by their six-digit Classification of Instruction Programs (CIP). CIP codes were last updated in 2020. To learn more about 2020 CIP code, visit <https://nces.ed.gov/ipeds/cipcode/default.aspx?y=56>.
- **Type of Credential** – Adapted from IPEDS's definition, the type of credential identifies the credential a student earns upon completing a certain number of course credits and/or credit hours in a postsecondary program. Credentials can be one of the following:
  - **Undergraduate Certificate** – A postsecondary credential between 300 clock hours and less than 4 academic years that is conferred upon the satisfactory completion of a postsecondary education program.
  - **Associate's Degree** – An award that normally requires at least 2 but less than 4 years of full-time equivalent college work.
  - **Bachelor's Degree** – An undergraduate degree typically requiring four to five years of full-time equivalent study, including accelerated and cooperative programs. Post-Bachelor's certificates are also included in this category.

- **Master's Degree** – A graduate degree requiring one to two years of full-time equivalent study beyond the bachelor's degree. Master's degree certificates are also included in this category.
- **Doctoral Degree** – The highest level of academic award, conferred for advanced graduate study across a wide range of professional and academic fields.
- **Typical Entry-Level Education Needed** - The education level most often required by an employer to enter an occupation. Typical entry-level education is reported at the national level, so alternate paths to employment and hiring/retention practices may exist. For matching purposes, the education categories were combined to align with Type of Credential definition above. Occupations that require postsecondary nondegree awards or some college but no degree are assigned to the Undergraduate Certificate.

# APPENDIX A

## List of Higher Education Institutions in Pennsylvania, 2010-11 to 2023-24

UNITID	Institution Name	Institution Type	PREP Region	Academic Year													
				2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
210456	Abington Memorial Hospital Dixon School of Nursing	Specialized Institution	Southeast	X	X	X	X	X	X	X	X						
210474	Jolie Hair and Beauty Academy-Hazleton	Private Licensed School	Northeast	X	X	X	X	X	X	X	X	X	X	X			
210483	Keystone Technical Institute	Private Licensed School	South Central	X	X	X	X	X	X	X							
210492	Bryn Athyn College of the New Church	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210508	Academy of Vocal Arts	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210571	Albright College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210599	All-State Career School	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210605	Community College of Allegheny County	Community College	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210669	Allegheny College	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

210711	The Beauty Institute	Specialized Institution	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210739	DeSales University	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210748	Altoona Beauty School Inc	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210775	Alvernia University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210784	The Beauty Institute-Ambler	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210809	American College of Financial Services	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
210890	Antonelli Institute	Private Licensed School	Southeast	X	X	X	X	X	X	X	X						
210906	The Art Institutes of York-PA	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X						
210942	The Art Institute of Philadelphia	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X					
210951	Career Training Academy-Lower Burrell	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X					
210960	The Art Institute of Pittsburgh	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X					
211006	Automotive Training Center-Exton	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

211024	Clarks Summit University	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211079	Community College of Beaver County	Community College	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211088	Arcadia University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211130	Missio Theological Seminary	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211149	Bidwell Training Center Inc	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X				
211158	Bloomsburg University of Pennsylvania	PASSHE	Central	X	X	X	X	X	X	X	X	X	X	X	X		
211200	Bradford School	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X					
211273	Bryn Mawr College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211291	Bucknell University	Independent Non-Profit Four-Year	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211307	Bucks County Community College	Community College	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211316	Bucks County School of Beauty Culture Inc	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211334	Butler Beauty Academy	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211343	Butler County Community College	Community College	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

211352	Cabrini University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211361	California University of Pennsylvania	PASSHE	Southwest	X	X	X	X	X	X	X	X	X	X	X	X		
211370	Calvary Baptist Theological Seminary	Specialized Institution	Southeast	X	X	X	X										
211398	Cambria-Rowe Business College-Johnstown	Specialized Institution	South Alleghenies	X	X	X	X	X	X								
211431	Carlton University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211440	Carnegie Mellon University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211468	Cedar Crest College	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211477	Central Penn College	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211556	Chatham University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211583	Chestnut Hill College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211608	Cheyney University of Pennsylvania	PASSHE	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211617	Brightwood Career Institute-Philadelphia Mills	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X					
211635	Citizens School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

211644	Clarion University of Pennsylvania	PASSHE	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211750	YTI Career Institute-Capital Region	Private Licensed School	South Central	X	X	X	X										
211802	DLP Conemaugh Memorial Medical Center	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211820	Consolidated School of Business-York	Private Licensed School	South Central	X	X	X	X	X	X	X	X						
211893	Curtis Institute of Music	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211909	Dean Institute of Technology	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X					
211927	Delaware County Community College	Community College	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
211954	Delaware Valley Academy of Medical and Dental Assistants	Private Licensed School	Southeast	X													
211981	Delaware Valley University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212009	Dickinson College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212018	Pennsylvania State University-Dickinson Law	State-Related Regional Campus	South Central	X	X	X	X	X	X	X	X	X	X	X	X		

212045	Douglas Education Center	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212054	Drexel University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212072	Du Bois Business College-Du Bois	Private Licensed School	North Central	X	X	X	X	X	X								
212090	Everest Institute-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X								
212106	Duquesne University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212115	East Stroudsburg University of Pennsylvania	PASSHE	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212133	Eastern University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212160	Edinboro University of Pennsylvania	PASSHE	Northwest	X	X	X	X	X	X	X	X	X	X	X	X		
212197	Elizabethtown College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212212	Empire Beauty School-State College	Specialized Institution	Central	X	X	X	X	X	X								
212230	Empire Beauty School-Lebanon	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212267	Empire Beauty School-York	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X

212276	Empire Beauty School-Lancaster	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212285	Empire Beauty School-Williamsport	Specialized Institution	Central	X	X	X	X	X	X								
212294	Empire Beauty School-Shamokin Dam	Specialized Institution	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212300	Empire Beauty School-Pottsville	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212328	Empire Beauty School-Lehigh Valley	Specialized Institution	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212355	Empire Beauty School-Wyoming Valley	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212373	Empire Beauty School-Warminster	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X					
212382	Empire Beauty School-Harrisburg	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212391	Empire Beauty School-Reading	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212407	Episcopal School of Nursing	Specialized Institution	Southeast	X													
212425	Erie Business Center-Erie	Private Licensed School	Northwest	X	X	X	X	X									
212434	Erie Institute of Technology Inc	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212443	Evangelical Theological Seminary	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X		
212568	Aria Health School of Nursing	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X				
212577	Franklin and Marshall College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X

212601	Gannon University	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212656	Geneva College	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212674	Gettysburg College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212683	Empire Beauty School-Exton	Specialized Institution	Southeast	X	X	X	X	X									
212753	Empire Beauty School-NE Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212771	Gratz College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212805	Grove City College	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212832	Gwynedd Mercy University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212869	Harcum College	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212878	Harrisburg Area Community College	Community College	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212911	Haverford College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212975	Commonwealth Technical Institute	Private Licensed School	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X

212984	Holy Family University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
212993	Hussian College-Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213002	Brightwood Career Institute-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X					
213011	Immaculata University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213020	Indiana University of Pennsylvania-Main Campus	PASSHE	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213057	Pennsylvania School of Business	Private Licensed School	Lehigh Valley	X	X	X	X										
213163	UPMC Jameson School of Nursing	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213181	Great Lakes Institute of Technology	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213215	Jolie Hair and Beauty Academy-Wilkes-Barre	Private Licensed School	Northeast	X	X	X	X	X	X	X	X	X	X	X			
213233	Johnson College	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213251	Juniata College	Independent Non-Profit Four-Year	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X

213303	Keystone College	Independent Non-Profit Four-Year	Northeast	X													
213303	Keystone College	Independent Non-Profit Four-Year	Northern Tier		X	X	X	X	X	X	X	X	X	X	X	X	X
213312	Anthem Institute-Springfield	Private Licensed School	Southeast	X	X	X	X										
213321	King's College	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213330	Butler Beauty Academy-Kittanning Beauty Academy	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213349	Kutztown University of Pennsylvania	PASSHE	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213358	La Roche University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213367	La Salle University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213376	Lackawanna College	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213385	Lafayette College	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213400	Lancaster Bible College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X

213446	Lancaster Theological Seminary	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213455	Lancaster School of Cosmetology & Therapeutic Bodywork	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213473	Lansdale School of Business	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213491	Lansdale School of Cosmetology Inc	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213507	Lebanon Valley College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213525	Lehigh Carbon Community College	Community College	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213534	Miller-Motte College-Berks Technical Institute	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213543	Lehigh University	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213552	Levittown Beauty Academy	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X			
213570	Lincoln Technical Institute-Allentown	Private Licensed School	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213589	Lincoln Technical Institute-Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213598	Lincoln University	State-Related Main Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213613	Lock Haven University	PASSHE	Central	X	X	X	X	X	X	X	X	X	X	X	X		

213622	UPMC St. Margaret School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213631	United Lutheran Seminary	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213640	Lutheran Theological Seminary at Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X							
213659	Luzerne County Community College	Community College	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213668	Lycoming College	Independent Non-Profit Four-Year	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213686	Erie Business Center-New Castle	Private Licensed School	Northwest	X	X	X	X	X									
213774	Manor College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213783	Mansfield University of Pennsylvania	PASSHE	Northern Tier	X	X	X	X	X	X	X	X	X	X	X	X		
213826	Marywood University	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213871	McCann School of Business & Technology	Private Licensed School	Northeast								X	X					
213914	Vet Tech Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213932	Roxborough Memorial Hospital School of Nursing	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

213987	Mercyhurst University	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
213996	Messiah University	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214023	ASPIRA City College	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214041	Millersville University of Pennsylvania	PASSHE	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214069	Misericordia University	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214111	Montgomery County Community College	Community College	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214148	Moore College of Art and Design	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214157	Moravian University	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214166	Mount Aloysius College	Independent Non-Profit Four-Year	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214175	Muhlenberg College	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214254	Brightwood Career Institute-Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X					

214272	Neumann University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214290	New Castle School of Trades	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214315	Newport Business Institute-Lower Burrell	Private Licensed School	Southwest	X	X	X	X										
214379	Northampton County Area Community College	Community College	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214476	Heritage Valley Health System School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214528	Orleans Technical College	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214546	Pennsylvania Academy of Cosmetology Arts and Sciences-Johnstown	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X							
214564	Salus University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214582	Pennsylvania Institute of Technology	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214591	Pennsylvania State University-Penn State Erie-Behrend College	State-Related Regional Campus	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214607	Pennsylvania State University-Penn State Great Valley	State-Related Regional Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

214616	Pennsylvania State University-College of Medicine	State-Related Regional Campus	South Central	X	X	X	X	X	X	X	X	X	X	X	X		
214625	Pennsylvania State University-Penn State New Kensington	State-Related Regional Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214634	Pennsylvania State University-Penn State Shenango	State-Related Regional Campus	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214643	Pennsylvania State University-Penn State Wilkes-Barre	State-Related Regional Campus	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214652	Pennsylvania State University-Penn State Scranton	State-Related Regional Campus	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214670	Pennsylvania State University-Penn State Lehigh Valley	State-Related Regional Campus	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214689	Pennsylvania State University-Penn State Altoona	State-Related Regional Campus	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214698	Pennsylvania State University-Penn State Beaver	State-Related Regional Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

214704	Pennsylvania State University-Penn State Berks	State-Related Regional Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214713	Pennsylvania State University-Penn State Harrisburg	State-Related Regional Campus	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214731	Pennsylvania State University-Penn State Brandywine	State-Related Regional Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214740	Pennsylvania State University-Penn State DuBois	State-Related Regional Campus	North Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214759	Pennsylvania State University-Penn State Fayette- Eberly	State-Related Regional Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214768	Pennsylvania State University-Penn State Hazleton	State-Related Regional Campus	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214777	Pennsylvania State University-Main Campus	State-Related Main Campus	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214786	Pennsylvania State University-Penn State Greater Allegheny	State-Related Regional Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

214795	Pennsylvania State University-Penn State Mont Alto	State-Related Regional Campus	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214801	Pennsylvania State University-Penn State Abington	State-Related Regional Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214810	Pennsylvania State University-Penn State Schuylkill	State-Related Regional Campus	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214829	Pennsylvania State University-Penn State York	State-Related Regional Campus	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214838	Pace Institute	Private Licensed School	Southeast	X	X	X	X	X									
214883	Peirce College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214892	Penn Commercial Business/Technical School	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214944	Pennco Tech-Bristol	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
214962	Pennsylvania Academy of Cosmetology Arts and Sciences-Du Bois	Specialized Institution	North Central	X	X	X	X	X	X	X							

214971	Pennsylvania Academy of the Fine Arts	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215008	Pennsylvania Gunsmith School	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215026	Pennsylvania Institute of Taxidermy Inc	Private Licensed School	South Alleghenies	X	X	X	X	X	X								
215044	Cortiva Institute	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215053	Pennsylvania College of Art and Design	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215062	University of Pennsylvania	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215099	Jefferson (Philadelphia University + Thomas Jefferson University)	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X						
215105	University of the Arts	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215114	Cairn University-Langhorne	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215123	Philadelphia College of Osteopathic Medicine	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215132	University of the Sciences	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X		

215239	Community College of Philadelphia	Community College	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215266	University of Pittsburgh-Bradford	State-Related Regional Campus	North Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215275	University of Pittsburgh-Greensburg	State-Related Regional Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215284	University of Pittsburgh-Johnstown	State-Related Regional Campus	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215293	University of Pittsburgh-Pittsburgh Campus	State-Related Main Campus	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215309	University of Pittsburgh-Titusville	State-Related Regional Campus	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215336	Beaver Falls Beauty Academy	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215381	Pittsburgh Institute of Aeronautics	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215390	Pittsburgh Institute of Mortuary Science Inc	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215415	Pittsburgh Technical College	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

215424	Pittsburgh Theological Seminary	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215433	Prism Career Institute-Upper Darby	Private Licensed School	Southeast	X	X	X	X	X	X								
215442	Point Park University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215479	Joseph F McCloskey School of Nursing	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215530	The Salon Professional Academy-Altoona	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215585	Reading Area Community College	Community College	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215594	Reading Hospital School of Health Sciences	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215619	Reconstructionist Rabbinical College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215628	Reformed Presbyterian Theological Seminary	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X			
215637	Walnut Hill College	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215646	Brightwood Career Institute-Broomall	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X					
215655	Robert Morris University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215682	Rosedale Technical College	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

215691	Rosemont College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215743	Saint Francis University	Independent Non-Profit Four-Year	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215770	Saint Joseph's University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215798	Saint Vincent College	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215813	Saint Vincent Seminary	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215886	Schuylkill Technology Center	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215929	University of Scranton	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215947	Seton Hill University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215965	Heritage Valley Sewickley School of Nursing	Specialized Institution	Southwest	X	X	X											
215974	UPMC Shadyside School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215983	Sharon Regional School of Nursing	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
215992	Laurel Technical Institute	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

216010	Shippensburg University of Pennsylvania	PASSHE	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216038	Slippery Rock University of Pennsylvania	PASSHE	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216047	Saint Charles Borromeo Seminary-Overbrook	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216074	South Hills Beauty Academy	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216083	South Hills School of Business & Technology	Private Licensed School	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216162	St Lukes Hospital School of Nursing	Specialized Institution	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216180	St Tikhon's Orthodox Theological Seminary	Specialized Institution	Northeast	X													
216223	The Beauty Institute	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216278	Susquehanna University	Independent Non-Profit Four-Year	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216287	Swarthmore College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216296	Thaddeus Stevens College of Technology	Other Public Two-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216311	Talmudical Yeshiva of Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216339	Temple University	State-Related Main Campus	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

216348	Theological Seminary of the Reformed Episcopal Church	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216357	Thiel College	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216366	Thomas Jefferson University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216418	Fortis Institute-Erie	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X			
216427	Triangle Tech Inc-Erie	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X				
216436	Triangle Tech Inc-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216445	Triangle Tech Inc-Greensburg	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216454	Triangle Tech Inc-Dubois	Private Licensed School	North Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216463	Trinity Episcopal School for Ministry	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216524	Ursinus College	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216542	University of Valley Forge	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

216551	Valley Forge Military College	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216579	Venus Beauty Academy	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216597	Villanova University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216630	Washington Health System School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216649	Washington Hospital School of Radiologic Technology	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X					
216667	Washington & Jefferson College	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216694	Waynesburg University	Independent Non-Profit Four-Year	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216746	Welder Training and Testing Institute	Private Licensed School	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216764	West Chester University of Pennsylvania	PASSHE	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216773	Western Pennsylvania Hospital School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216782	Pittsburgh Career Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	
216807	Westminster College	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X

216816	Westminster Theological Seminary	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216825	Westmoreland County Community College	Community College	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216852	Widener University	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216931	Wilkes University	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
216940	Williamson College of the Trades	Specialized Institution	Southeast									X	X	X	X	X	X
216986	Newport Business Institute-Williamsport	Private Licensed School	Central	X	X	X	X										
217013	Wilson College	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
217040	Yeshivath Beth Moshe	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
217059	York College of Pennsylvania	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
217077	YTI Career Institute-York	Private Licensed School	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
217086	Yorktowne Business Institute	Private Licensed School	South Central	X	X	X	X	X									
246071	Career Technology Center of Lackawanna County	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X

248624	Fayette County Career & Technical Institute Practical Nursing Program	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
248633	Franklin County Career and Technology Center	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
249609	Fortis Institute-Forty Fort	Private Licensed School	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
250027	Laurel Business Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
250072	Antonelli Medical and Professional Institute	Private Licensed School	Southeast	X	X	X	X	X	X	X	X						
250285	Aviation Institute of Maintenance-Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
250407	Sanford-Brown Institute-Trevose	Private Licensed School	Southeast	X	X	X	X	X									
251075	Brightwood Career Institute-Harrisburg	Private Licensed School	South Central	X	X	X	X	X	X	X	X	X					
260354	Consolidated School of Business-Lancaster	Private Licensed School	South Central	X	X	X	X	X	X	X	X						
260363	Greene County Career and Technology Center	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
261861	West Virginia Junior College-United Career Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	

364618	Lawrence County Career and Technical Center- Practical Nursing Program	Specialized Institution	Northwest	X	X	X	X											
365383	Wilkes-Barre Area Career and Technical Center Practical Nursing	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
366252	Pennsylvania College of Technology	State-Related Regional Campus	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
366632	Mercer County Career Center	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
367413	Le Cordon Bleu Institute of Culinary Arts- Pittsburgh	Private Licensed School	Southwest	X	X	X												
367431	Butler Beauty Academy- New Castle Beauty Academy	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
368407	Western Area Career & Technology Center	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
369668	Central Pennsylvania Institute of Science and Technology	Private Licensed School	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
369817	Bethel Seminary of the East	Specialized Institution	Southeast	X	X													
375939	YTI Career Institute- Altoona	Private Licensed School	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
375948	DPT Business School	Private Licensed School	Southeast	X	X	X												

375966	Eastern Center for Arts and Technology	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
375984	Empire Beauty School-Center City Philadelphia	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
376039	Oakbridge Academy of Arts	Private Licensed School	Southwest	X	X	X	X											
376136	Sanford-Brown Institute-Wilkins Township	Private Licensed School	Southwest	X	X	X	X	X										
383367	Greater Altoona Career & Technology Center	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
383400	Northeastern Hospital School of Nursing	Specialized Institution	Southeast	X	X	X	X	X	X									
383899	Star Career Academy-Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X								
385503	Fortis Institute-Scranton	Private Licensed School	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
402828	Widener University-Commonwealth Law School	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X									
406413	DCI Career Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X		
406422	Central Susquehanna Intermediate Unit LPN Career	Specialized Institution	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
406556	Philadelphia School of Radiologic Technology	Specialized Institution	Southeast	X														

407629	Lake Erie College of Osteopathic Medicine	Independent Non-Profit Four-Year	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
408312	Career Training Academy-Monroeville	Specialized Institution	Southwest	X	X	X	X	X	X	X	X						
408729	Laurel Technical Institute	Private Licensed School	Northwest					X	X	X	X	X	X	X	X	X	
414540	Jean Madeline Aveda Institute	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
414841	ITT Technical Institute-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X	X							
414911	Pennsylvania Highlands Community College	Community College	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
415039	Empire Beauty School-Hanover	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
417840	Prism Career Institute-Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418409	York County School of Technology-Adult & Continuing Education	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418427	Chester County Intermediate Unit	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418445	Jefferson County Dubois Area Vocational Technical Practical Nursing Program	Specialized Institution	North Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418454	Greater Johnstown Career and Technology Center	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X

418481	Mifflin County Academy of Science and Technology	Specialized Institution	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418506	Hanover Public School District Practical Nursing Program	Specialized Institution	South Central	X	X	X	X	X									
418515	Lenape Technical School Practical Nursing Program	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418524	Venango County Area Vocational Technical School	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418533	Lancaster County Career and Technology Center	Private Licensed School	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418542	Lebanon County Area Vocational Technical School	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418560	Indiana County Technology Center	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418588	Northern Tier Career Center	Specialized Institution	Northern Tier	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418603	Clarion County Career Center Practical Nursing Program	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X					
418612	Hazleton Area Career Center	Specialized Institution	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
418658	All-State Career School-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
419332	Forbes Road Career and Technology Center	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	

419341	Jna Institute of Culinary Arts	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
419484	Crawford County Career and Technical Center Practical Nursing Program	Specialized Institution	Northwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
428329	Cambria-Rowe Business College-Indiana	Private Licensed School	Southwest	X	X	X	X	X	X								
430227	Empire Beauty School-Monroeville	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
430351	ITT Technical Institute-Harrisburg	Private Licensed School	South Central	X	X	X	X	X	X	X							
430360	ITT Technical Institute-Tarentum	Private Licensed School	Southwest	X	X	X	X	X	X	X							
430908	Clearfield County Career and Technology Center	Specialized Institution	North Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
430971	Delaware County Technical School-Practical Nursing Program	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
431600	UPMC Mercy School of Nursing	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
434380	LT International Beauty School	Specialized Institution	Southeast	X	X	X	X	X	X	X	X						
438212	McCann School of Business & Technology	Private Licensed School	Northeast	X	X	X	X	X	X	X	X						

438221	Miller-Motte College-McCann-Lewisburg	Private Licensed School	Central							X	X	X	X	X	X	X	X
438610	University of Phoenix-Philadelphia Campus	Specialized Institution	Southeast	X	X	X	X										
438629	University of Phoenix-Pittsburgh Campus	Specialized Institution	Southwest	X	X	X	X										
439303	Du Bois Business College-Huntingdon	Private Licensed School	South Alleghenies	X	X	X	X	X	X								
439312	Du Bois Business College-Oil City	Private Licensed School	Northwest	X	X	X	X	X	X								
439756	NAWCC School of Horology	Private Licensed School	South Central	X	X	X											
440174	Career Training Academy-Pittsburgh	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X					
440217	Huntingdon County Career and Technology Center	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
440642	ITT Technical Institute-Levittown	Private Licensed School	Southeast	X	X	X	X	X	X	X							
441089	Wyotech-Blairsville	Private Licensed School	Southwest	X	X	X	X	X	X	X	X						
441672	Susquehanna County Career and Technology Center	Specialized Institution	Northern Tier	X	X	X	X	X	X	X	X	X	X	X	X	X	X

442037	Lincoln Technical Institute-Northeast Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X								
442046	Lincoln Technical Institute-Center City Philadelphia	Private Licensed School	Southeast	X	X	X	X	X	X	X								
442064	Won Institute of Graduate Studies	Independent Non-Profit Four-Year	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
442347	ITT Technical Institute-Plymouth Meeting	Private Licensed School	Southeast	X	X	X	X	X	X	X								
442356	Pennsylvania College of Health Sciences	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
442824	DeVry University-Pennsylvania	Specialized Institution	Southeast	X	X	X												
443377	Triangle Tech Inc-Sunbury	Private Licensed School	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
443395	McCann School of Business & Technology	Private Licensed School	Northeast								X	X						
443784	Strayer University-Pennsylvania	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
443988	DeVry University's Keller Graduate School of Management-Pennsylvania	Specialized Institution	Southeast		X	X												
444103	Byzantine Catholic Seminary of Saints Cyril and Methodius	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

444307	Empire Beauty School- West Mifflin	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
444811	PITC Institute	Private Licensed School	Southeast		X	X	X	X	X	X	X	X	X	X	X	X	X
445009	Montgomery County Community College-West Campus	Community College Branch Campus	Southeast	X	X												
445799	Universal Technical Institute of Pennsylvania Inc	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
446455	Precision Manufacturing Institute	Private Licensed School	Northwest	X	X	X	X	X	X	X	X	X	X	X	X		
446640	Harrisburg University of Science and Technology	Independent Non-Profit Four-Year	South Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
446996	Chambersburg Beauty School	Specialized Institution	South Central	X	X	X	X	X	X	X	X	X	X	X			
448105	Northwest Regional Technology Institute	Private Licensed School	Northwest	X	X	X	X	X	X								
448114	National Massage Therapy Institute	Specialized Institution	Southeast	X	X	X	X	X									
448460	ITT Technical Institute- Dunmore	Private Licensed School	Northeast	X	X	X	X	X	X	X							
448691	International Institute for Restorative Practices	Independent Non-Profit Four-Year	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X

448770	Automotive Training Center-Warminster	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
448831	University of Phoenix-Harrisburg Campus	Specialized Institution	South Central	X	X	X	X										
448859	Triangle Tech Inc-Bethlehem	Private Licensed School	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
449737	Pennsylvania Myotherapy Institute	Private Licensed School	South Central	X													
450438	Academy of Court Reporting and Technology-Pittsburgh	Specialized Institution	Southwest	X	X												
450605	Empire Beauty School-North Hills	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X	X	X	X	X	X
451495	CDE Career Institute	Private Licensed School	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
451662	The Art Institute of Pittsburgh-Online Division	Specialized Institution	Southwest	X	X	X	X	X	X	X	X	X					
455309	Kimberly's Beauty School	Specialized Institution	Southeast	X	X												
455318	International Beauty Academy	Specialized Institution	Southeast	X	X	X											
455938	Education and Technology Institute	Private Licensed School	Southwest	X	X	X	X	X	X	X	X	X					
455947	Pulse Beauty Academy	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X					

456542	Geisinger Commonwealth School of Medicine	Independent Non-Profit Four-Year	Northeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
456579	Miller-Motte College-McCann-Allentown	Private Licensed School	Lehigh Valley							X	X	X	X	X	X	X	X
457943	Somerset County Technology Center	Specialized Institution	South Alleghenies	X	X	X	X	X	X	X	X	X	X	X	X	X	X
457952	Metro Beauty Academy	Specialized Institution	Lehigh Valley	X	X	X	X	X	X	X	X	X	X	X	X	X	X
457961	Barone Beauty Academy	Specialized Institution	Central	X	X	X	X	X	X	X							
458450	McCann School of Business & Technology	Private Licensed School	South Central							X	X						
458830	Empire Beauty School-Springfield	Specialized Institution	Southeast	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460385	Geisinger-Lewistown Hospital School of Nursing	Specialized Institution	Central	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460598	Harris School of Business-Upper Darby Campus	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X	X	X			
461041	Star Career Academy-Audubon	Private Licensed School	Southeast		X	X	X	X	X	X							
461193	Bella Capelli Academy	Specialized Institution	Southwest		X	X	X	X	X	X	X	X	X	X	X	X	X
461218	Institute of Medical Careers	Private Licensed School	Southwest		X	X	X	X	X	X	X	X	X	X	X	X	X

469586	Cortiva Institute-York	Private Licensed School	South Central	X	X	X	X	X	X	X	X	X						
474997	All-State Career School-Allied Health Campus	Private Licensed School	Southeast	X	X	X	X	X	X	X	X	X						
475088	International Academy of Medical Reflexology	Specialized Institution	Lehigh Valley	X	X	X												
476328	Everest Institute-Bensalem	Private Licensed School	Southeast		X	X	X											
479549	ITT Technical Institute-Philadelphia	Private Licensed School	Southeast		X	X	X	X	X									
479956	Pennsylvania State University-World Campus	State-Related Regional Campus	Central		X	X	X	X	X	X	X	X	X	X	X	X	X	X
480134	Elizabethtown College School of Continuing and Professional Studies	Independent Non-Profit Four-Year	South Central		X	X	X	X	X	X	X							
480189	Mercyhurst Municipal Police Training Academy	Specialized Institution	Northwest		X	X	X	X	X	X	X	X	X					
480684	NewCourtland Education Center	Private Licensed School	Southeast			X												
481021	Berks Career & Technology Center	Specialized Institution	Southeast			X	X	X	X	X	X	X	X	X	X	X	X	X
481067	World A Cuts Barber Institute	Specialized Institution	South Central			X	X											X
482608	DeVry University-Pennsylvania	Specialized Institution	Southeast			X	X	X	X	X	X	X	X	X	X	X		

482927	McCann School of Business & Technology	Private Licensed School	Northeast						X	X					
483054	Barber School of Pittsburgh	Specialized Institution	Southwest		X	X	X	X	X	X	X	X	X	X	X
483346	Barber and Beauty Academy of Pennsylvania	Specialized Institution	South Central			X	X	X	X	X	X	X	X	X	X
483753	Champ's Barber School	Specialized Institution	South Central			X	X	X	X	X	X	X	X	X	X
483823	Philadelphia Technician Training	Private Licensed School	Southeast			X	X	X	X	X	X	X	X	X	X
484783	University of Phoenix-Pennsylvania	Specialized Institution	Southeast			X	X	X	X	X	X	X			
485236	Fountain of Youth Academy of Cosmetology	Specialized Institution	Southwest			X	X	X	X	X	X	X	X	X	X
485397	Empire Beauty School-Cheltenham	Specialized Institution	Southeast			X	X	X	X	X	X	X	X	X	X
485856	Studio Incamminati	Private Licensed School	Southeast				X	X	X	X	X	X	X	X	X
486105	Professional Academy of Cosmetology	Specialized Institution	Southeast				X	X	X	X	X	X	X	X	
486831	Cambria Rowe Business College-School of Technology	Private Licensed School	South Alleghenies					X							
488369	Premier Barber Institute	Specialized Institution	Southeast						X	X	X	X	X	X	X
490258	American Barber and Beauty Academy	Specialized Institution	Southeast							X	X	X	X	X	X
491598	European Medical School of Massage	Private Licensed School	Southeast								X	X	X	X	X

491677	Lehigh Valley Barber School	Specialized Institution	Lehigh Valley		X	X	X	X	X	X
493558	Central Pennsylvania Diesel Institute	Private Licensed School	South Central			X	X	X	X	X
493576	PMCA Pittsburgh Multicultural Cosmetology Academy	Specialized Institution	Southwest			X	X	X	X	X
493585	Health and Technology Training Institute	Private Licensed School	Southeast			X	X	X	X	X
493813	Falcon Institute of Health and Science	Specialized Institution	Lehigh Valley			X	X	X	X	X
494755	West Virginia Junior College-United Career Institute	Private Licensed School	Southwest			X	X	X	X	X
494959	Northern Pennsylvania Regional College	Other Public Two-Year	Northwest				X	X	X	X
495767	The Pennsylvania State University	State-Related Main Campus	Central				X	X		
496265	Triangle Tech-Chambersburg	Private Licensed School	South Central				X	X	X	X
497189	The Rapha School	Private Licensed School	Southwest					X	X	X
498359	The Salon Professional Academy	Specialized Institution	Southeast						X	X
498562	Commonwealth University of Pennsylvania	PASSHE	Central						X	X

498571	Pennsylvania Western University	PASSHE	Southwest	X	X
498739	Lehigh Career & Technical Institute	Specialized Institution	Lehigh Valley		X
498818	Cutting Edge Barber Academy	Specialized Institution	South Central		X
499033	Champ's Barber School-Lebanon	Specialized Institution	South Central		X