December 2025

H.B. 1388 2026 Analysis

Examining Career and Technical Education in Mississippi's K-12 System

SLDS
Statewide Longitudinal
Data System

Prepared by Mississippi State University's NSPARC

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RECOMMENDED CITATION:

ABOUT MISSISSIPPI'S SLDS

Mississippi's Statewide Longitudinal Data System (SLDS) is one of the most comprehensive systems in the country and includes administrative records from more than 25 education, workforce, and human service agencies in the state. The SLDS allows for the alignment of multiple sources of de-identified administrative data over time to evaluate educational or workforce strategies in terms of real outcomes, such as entrance into employment, wages, and skill gains.

PREPARED BY MISSISSIPPI STATE UNIVERSITY'S NSPARC

The National Strategic Planning & Analysis Research Center (NSPARC) at Mississippi State University is a nationally recognized research center that supports data-driven decision-making across workforce development, education, economic development, and public policy. With over two decades of experience, NSPARC specializes in integrating and analyzing data from multiple sources to address complex challenges faced by state agencies, policymakers, educational institutions, and private-sector partners.

NSPARC's interdisciplinary team—including experts in sociology, economics, computer engineering, and public policy, along with professionals in data analytics and machine learning—produces research that is practical, actionable, and impactful. The center's collaborative approach and cross-domain expertise enable it to generate insights that help stakeholders design and implement solutions with real-world relevance.

To learn more, contact NSPARC at nsparc@nsparc.msstate.edu or 662-325-9242.

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The following report was created to fulfill the requirements described in H.B. 1388 and was commissioned by AccelerateMS.

OVERVIEW

Enacted on March 23, 2022, House Bill 1388 (HB1388) charged AccelerateMS to align K-12 career and technical education (CTE) clusters with postsecondary credential programs, employer demand, and occupations that pay a family-sustaining wage. HB1388 requires an annual study be conducted examining postsecondary and workforce outcomes of students who enroll in CTE clusters as part of their high school education. As the first annual study was conducted in 2023, this report presents findings pertaining to the fourth annual study. AccelerateMS commissioned Mississippi State University's NSPARC to conduct a study of these outcomes from Academic Year (AY) 2019 through AY 2023.

This study addresses the following objectives:

Objective 1: Measure High School Outcomes of K-12 CTE Students –
Provide information on the number of K-12 CTE students in the state, the types of CTE clusters in which these students enroll, and the number of these students who have prepared for continuing education by earning early postsecondary credit through Dual Enrollment.

Objective 2: Measure Postsecondary and Employment Outcomes of K-12 CTE Students –
Determine the extent to which K-12 CTE students continue to follow their CTE cluster after high school. For students who graduate and continue to postsecondary education, this study examines if their declared major aligns with their CTE cluster and measures student retention rates. For students who enter the workforce after graduating or dropping out of high school, this study examines if their industry of employment aligns with their CTE cluster and measure their earnings. For students who are not enrolled in postsecondary education or employed, this analysis assesses alternative outcomes, such as whether the graduate has received public assistance or unemployment benefits.

DATA SOURCES

Data for this study came from Mississippi's State Longitudinal Data System (SLDS), which includes administrative records from more than 25 state agencies. Data from the following SLDS data contributors were used:

Mississippi Department of Education – Data from Mississippi's public schools are contributed to the SLDS by the Mississippi Department of Education (MDE). These data include information on enrollment, school, grade, course, and graduation.

Mississippi Department of Employment Security – Employer wage records are contributed to the SLDS by the Mississippi Department of Employment Security (MDES). Employer wage records are collected from Mississippi employers that participate in the state's covered employment system. Data fields include information on quarterly earnings, company of employment, industry of employment, and county location of employer.

Mississippi Community Colleges – Data on community college graduates are contributed to the SLDS by Mississippi's 15 community colleges and the Mississippi Community College Board (MCCB). These data include information on enrollment, county of residence, academic major, and graduation.

Mississippi Public Universities – Data on 4-year public university graduates are contributed to the SLDS by Mississippi's eight public universities and the Institutions for Higher Learning (IHL). These data include information on enrollment, county of residence, academic major, and graduation.

METHODOLOGY

Definitions for CTE Participants and CTE Concentrators were provided by MDE. Students are grouped according to the level of CTE courses completed: MDE categorizes courses into less advanced Level 1 courses and more advanced Level 2 courses. All students who complete a CTE course - regardless of the level - are considered to be CTE Participants, whereas students who complete the more advanced Level 2 courses are considered to be CTE Concentrators. For this analysis, MDE provided a list of courses that are categorized as Level 1 and Level 2.

The application of this definition allows readers to interpret the results pertaining to K-12 CTE Participants as results for all K-12 CTE students, whereas results for K-12 CTE Concentrators should be interpreted as results for students who have completed the more advanced Level 2 courses. It should be noted that a student can complete a Level 2 course without having previously completed a Level 1 course.

To account for any annual fluctuations in CTE enrollment, each of the measurements presented in this report are calculated with the most recent five years (AY2019-AY2023) of data available. Using five years of data enables this report to present a comprehensive picture of students and student outcomes before, during, and, in some cases, after the academic interruptions caused by COVID-19. Results from AY2019 to AY2022 were carried

forwarded from the H.B 1388 2025 Analysis, except for Ecosystems 1 and 2. For those two ecosystems, AccelerateMS updated definitions that differ from the ones used in the H.B. 1388 2025 Analysis. Results are presented for each year, and as a five-year average.

In accordance with SLDS Rules and Regulations, numeric values less than 10 are suppressed along with the accompanying percentages. These suppressed values are replaced with the "<10" symbol, and the accompanying percent is replaced with the "---" symbol. Additionally, information calculated using MDE data is suppressed if the percentage is either less than 5% or greater than 95%. Suppressed values are replaced with the "<5.00" and ">95.00" symbols, respectively, and the accompanying numeric values are replaced with the "--" symbol.

The primary analysis for this report is conducted at the state level. Each state-level result is also presented for each of Mississippi's four Local Workforce Development Areas (LWDAs), and for each of the AccelerateMS Ecosystems. Figure 1 illustrates the geographic coverage of each LWDA, and Figure 2 illustrates the coverage of the eight ecosystems.

In addition to providing results in total and for each ecosystem, the statewide results are broken out by students' K-12 CTE clusters and demographic characteristics. More specifically, the measurements and calculations are disaggregated for each of the following CTE clusters and demographic characteristics, unless otherwise noted:
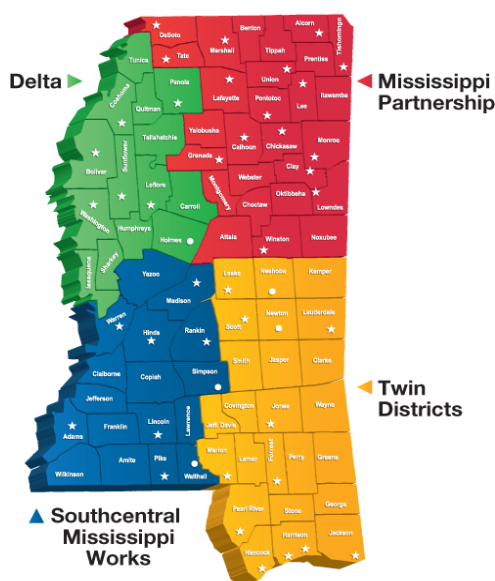
Figure 1: Mississippi's LWDAs
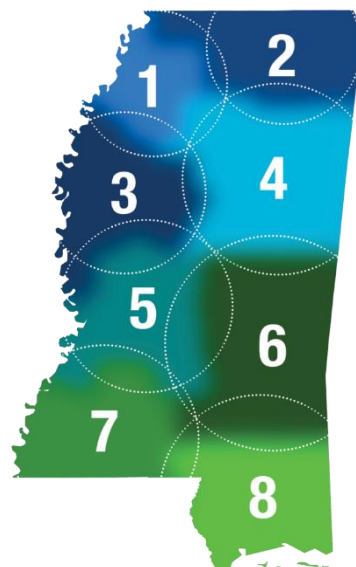
Figure 2: Mississippi's Ecosystems

CTE Clusters
1. Agriculture, Food, and Natural Resources
2. Architecture and Construction
3. Arts, A/V Technology, and Communications
4. Business, Marketing, and Finance
5. Education and Training
6. Health Science
7. Hospitality and Tourism
8. Human Services
9. Information Technology
10. Law, Public Safety, Corrections, and Security
11. Manufacturing
12. Science, Technology, Engineering, and Mathematics
13. Transportation, Distribution, and Logistics
14. CTE Dual Credit Multi-Category[1]

Demographics – Gender:
1. Male
2. Female

Demographics – Race:
1. Black
2. White
3. Other

Demographics – Gender and Race:
1. Black: Male and Female
2. White: Male and Female
3. Other: Male and Female

Demographics – Other:
1. Economically Disadvantaged
2. Children with Disabilities
3. English learner
4. Homeless
5. High school graduate (calculated when appropriate)
6. High school dropout (calculated when appropriate)

Crosswalks used to measure Postsecondary CTE Cluster alignment were provided by AccelerateMS, in coordination with the Mississippi Community College Board and the Mississippi Institutions for Higher Learning. Though public university majors align with the K-12 CTE Education and Training cluster, there are no community college majors which align with the K-12 CTE Education and Training cluster. Information on industry alignment is not available for the CTE Dual Credit Multi-Category Cluster.

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[1] The CTE Dual Credit Multi-Category Cluster was added in AY2022.

RESEARCH ACTIVITIES FOR OBJECTIVE 1: HIGH SCHOOL OUTCOMES OF K-12 CTE STUDENTS

ACTIVITY 1: MEASURE THE NUMBER OF CTE PARTICIPANTS AND CTE CONCENTRATORS IN K-12 SCHOOLS

The following SLDS data were used:

MDE Data – Students enrolled in, AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, and AY 2022-2023.

The following indicators were constructed:

CTE Participants – The number of students enrolled in at least one (1) CTE course.

CTE Concentrators – The number of students enrolled in a Level 2 CTE course.

ACTIVITY 2: MEASURE THE HIGH SCHOOL OUTCOMES FOR CTE STUDENTS

The following SLDS data were used:

MDE Data – The number of CTE students who graduated with a traditional diploma or who dropped out in AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, and AY 2022-2023.

Each indicator is presented separately for CTE Participants and Concentrators who graduated with a traditional diploma, as well as for CTE students who dropped out.

The following indicators were constructed:

CTE Graduates – The number of CTE students who graduated from a K-12 school with a traditional diploma.

CTE Dropouts – The number of CTE students who dropped out from a K-12 school before graduation.

Grade of First CTE Enrollment – A frequency tabulation presenting the grade (9th, 10th, 11th, or 12th) in which a CTE student first enrolled in a CTE course.

CTE Dual Credit – The number of CTE students who graduated from a K-12 school after completing a CTE Dual Credit / Dual Enrollment academic program.

Non-CTE Dual Credit – The number of CTE students who graduated from a K-12 school after completing a Non-CTE Dual Credit / Dual Enrollment academic program.

Work-Based Learning – The number of CTE students who graduated from a K-12 school after completing a Career Pathway Experience (course code 990001 and 990004) prior to AY 2020-2021 or Work-Based Learning (course codes 9995010 and 995011) for AY 2020-2021 and after.

ACTIVITIES TO ACHIEVE OBJECTIVE 2: POSTSECONDARY AND EMPLOYMENT OUTCOMES OF K-12 CTE STUDENTS

ACTIVITY 1: MEASURE THE POSTSECONDARY EDUCATION OUTCOMES FOR CTE STUDENTS AND DETERMINE IF THEIR POSTSECONDARY EDUCATION ALIGNS WITH THEIR K-12 CTE CLUSTER.

The following SLDS data were used:

MDE Data – Students who graduated with a traditional diploma in AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, and AY 2022-2023.

Mississippi Community College Data – Students enrolled in AY 2019-2020, AY 2020-2021, AY 2021-2022, AY 2022-2023, AY 2023-2024, and AY 2024-2025.

Mississippi Public University Data – Students enrolled in AY 2019-2020, AY 2020-2021, AY 2021-2022, AY 2022-2023, AY 2023-2024, and AY 2024-2025.

Each indicator is presented separately for CTE Participants and Concentrators who graduated with a traditional diploma and who enrolled in a postsecondary institution within one year of graduation.

The following indicators were constructed:

Enrollment in a Mississippi Community College – The number of graduates who enrolled in a Mississippi Community College within one year of K-12 graduation. In addition to the typical breakdown by CTE cluster that is provided for all indicators, this indicator is also broken out by students' declared majors.

Enrollment in a Mississippi Public University – The number of graduates who enrolled in a Mississippi Public University within one year of K-12 graduation. In addition to the typical breakdown by CTE cluster that is provided for all indicators, this indicator is also broken out by the students' declared majors.

Retention in a Mississippi Community College – The number of graduates who enrolled in a Mississippi Public Community College and who continued to be enrolled in the subsequent Fall semester of the second academic year.

Retention in a Mississippi Public University – The number of graduates who enrolled in a Mississippi Public University and who continued to be enrolled in the subsequent Fall semester of the second academic year.

Community College CTE Cluster Alignment – The number of graduates enrolled in a Mississippi Community Colleges and whose declared major aligns with their K-12 CTE cluster. This alignment is determined by comparing the enrolled graduates' declared majors to their K-12 CTE cluster. A crosswalk of matching clusters and majors is provided in Appendix A. This crosswalk was provided by AccelerateMS, in coordination with the Mississippi Community College Board.

University CTE Cluster Alignment – The number of graduates enrolled in a Mississippi Public University whose declared major aligns with their K-12 CTE cluster. This alignment is determined by comparing the enrolled graduates' declared majors to their K-12 CTE cluster. A crosswalk of matching clusters and majors is provided in Appendix A. This crosswalk was provided by AccelerateMS, in coordination with the Mississippi Institutions for Higher Learning.

ACTIVITY 2: MEASURE THE WORKFORCE OUTCOMES FOR CTE STUDENTS AND DETERMINE IF THEIR INDUSTRY OF EMPLOYMENT ALIGNS WITH THEIR K-12 CTE CLUSTER.

The following SLDS data were used:

MDE Data – Students who graduated with a traditional diploma or dropped out in AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, and AY 2022-2023.

MDES Data – Employment and wage records from Calendar Year (CY) 2019, CY 2020, CY 2021, CY 2022, CY 2023, and CY 2024.

Each indicator is presented separately for CTE Participants and Concentrators who graduated with a traditional diploma but who did not enroll in a postsecondary institution within one year of graduation.

The following indicators were constructed:

Employment of CTE Graduates – The number of graduates employed within one year of graduation. Results will be presented in total, and by industry of employment.

Median Annual Earnings – The median annualized earnings of those employed within one year of graduation. Wage records in the second quarter at one year after graduation were multiplied by four to create the annualized earnings for each observation window, and the median of these earnings are reported. Results are presented in total, and by industry of employment.

Workforce CTE Cluster Alignment – The number of graduates employed in an industry that aligns with their K-12 CTE cluster. This alignment is determined by examining the North American Industry Classification (NAICS) codes reported by each graduate's employer, then comparing these industry codes to the graduate's K-12 CTE cluster. A crosswalk of matching clusters and industries is provided in Appendix B. This crosswalk was provided by AccelerateMS, in coordination with the Mississippi Department of Education and Mississippi State University's RCU.

Receipt of Public Assistance – The number of graduates not enrolled in Mississippi public postsecondary education programs who received Supplemental Nutritional Aid Program (SNAP), Temporary Aid for Needy Families (TANF), or Unemployment Insurance (UI) benefits.

RESULTS

TABLE 1: ANNUAL K-12 CTE PARTICIPANTS; NUMBER OF STUDENTS ENROLLED IN AT LEAST ONE CTE COURSE

	Year Student Enrolled in CTE Course					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*27,144*	*28,231*	*26,527*	*28,193*	*29,896*	*27,998*
Gender						
Female	13,812	14,379	13,547	14,238	15,517	14,299
Male	13,332	13,852	12,980	13,955	14,379	13,700
Race						
Black	12,813	12,807	11,883	12,048	13,356	12,581
White	12,888	13,681	12,916	14,125	14,154	13,553
Other	1,443	1,743	1,728	2,020	2,386	1,864
Race & Gender						
Black, Female	7,170	7,157	6,663	6,648	7,544	7,036
Black, Male	5,643	5,650	5,220	5,400	5,812	5,545
White, Female	5,932	6,347	6,006	6,591	6,733	6,322
White, Male	6,956	7,334	6,910	7,534	7,421	7,231
Other, Female	710	875	878	999	1,240	940
Other, Male	733	868	850	1,021	1,146	924
Other Demographics						
1. Economically Disadvantaged	17,035	18,061	17,779	18,520	20,042	18,287
2. Children with Disabilities	2,198	2,299	2,082	2,236	2,314	2,226
3. English learner	380	493	447	475	506	460
4. Homeless	389	407	321	228	246	318
Ecosystem of School						
Ecosystem 1	1,030	1,001	962	1,042	974	1,002
Ecosystem 2	4,513	4,688	4,370	4,871	5,145	4,717
Ecosystem 3	1,959	1,675	1,566	1,307	1,569	1,615
Ecosystem 4	3,202	3,548	3,354	3,513	3,763	3,476
Ecosystem 5	4,412	4,921	4,490	5,255	5,506	4,917
Ecosystem 6	3,835	4,000	4,018	4,119	4,183	4,031
Ecosystem 7	2,110	2,145	2,077	1,823	2,149	2,061
Ecosystem 8	6,083	6,253	5,690	6,263	6,607	6,179
WIOA Region of School						
Delta	2,989	2,676	2,528	2,349	2,543	2,617
MS Partnership	7,715	8,236	7,724	8,384	8,908	8,193
South Central	6,522	7,066	6,567	7,078	7,655	6,978
Twin Districts	9,918	10,253	9,708	10,382	10,790	10,210
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	4,323	4,690	4,253	4,598	4,571	4,487
2. Architecture and Construction	2,516	2,487	2,263	2,307	2,416	2,398
3. Arts, A/V Technology, and Communications	1,328	1,427	1,276	1,252	1,311	1,319
4. Business, Marketing, and Finance	2,151	2,212	2,004	1,944	2,081	2,078
5. Education and Training	1,467	1,568	1,520	1,767	1,965	1,657
6. Health Science	5,490	5,767	5,579	5,860	6,282	5,796
7. Hospitality and Tourism	1,861	1,900	1,868	1,900	2,172	1,940
8. Human Services	1,874	1,752	1,265	1,097	1,218	1,441
9. Information Technology	538	567	520	614	695	587
10. Law, Public Safety, Corrections, and Security	1,228	1,207	1,409	1,480	1,704	1,406

Table 1 Continued on the Next Page

SLDS
Statewide Longitudinal
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Table 1 Continued

11. Manufacturing	1,902	2,228	2,254	2,277	2,293	2,191
12. Science, Technology, Engineering, and Mathematics	1,435	1,487	1,359	1,784	1,740	1,561
13. Transportation, Distribution, and Logistics	1,711	1,671	1,527	1,659	1,720	1,658
14. CTE Dual Credit Multi-Category*	-	-	-	633	688	661

*Cluster added in AY2022.

TABLE 2: TOTAL K-12 CTE CONCENTRATORS; NUMBER OF STUDENTS ENROLLED IN A LEVEL TWO CTE COURSE

	Year Student Enrolled in Level Two CTE Course					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*9,509*	*10,036*	*9,816*	*9,168*	*9,822*	*9,670*
Gender						
Female	4,858	5,167	5,074	4,715	5,070	4,977
Male	4,651	4,869	4,742	4,453	4,752	4,693
Race						
Black	4,521	4,666	4,632	3,794	4,410	4,405
White	4,537	4,802	4,566	4,758	4,646	4,662
Other	451	568	618	616	766	604
Race & Gender						
Black, Female	2,610	2,664	2,626	2,206	2,496	2,520
Black, Male	1,911	2,002	2,006	1,588	1,914	1,884
White, Female	2,023	2,221	2,122	2,195	2,169	2,146
White, Male	2,514	2,581	2,444	2,563	2,477	2,516
Other, Female	225	282	326	314	405	310
Other, Male	226	286	292	302	361	293
Other Demographics						
1. Economically Disadvantaged	6,031	6,527	6,728	6,014	6,618	6,384
2. Children with Disabilities	766	752	721	668	713	724
3. English learner	120	147	143	127	138	135
4. Homeless	126	151	128	74	105	117
Ecosystem of School						
Ecosystem 1	331	342	362	340	325	340
Ecosystem 2	1,416	1,494	1,384	1,484	1,549	1,465
Ecosystem 3	584	657	697	407	469	563
Ecosystem 4	956	1,104	1,129	1,131	1,182	1,100
Ecosystem 5	1,798	1,852	1,558	1,503	1,590	1,660
Ecosystem 6	1,300	1,325	1,524	1,364	1,447	1,392
Ecosystem 7	781	798	823	618	725	749
Ecosystem 8	2,343	2,464	2,339	2,321	2,535	2,400
WIOA Region of School						
Delta	915	999	1,059	747	794	903
MS Partnership	2,372	2,598	2,513	2,615	2,731	2,566
South Central	2,579	2,650	2,381	2,121	2,315	2,409
Twin Districts	3,643	3,789	3,863	3,685	3,982	3,792
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	1,226	1,304	1,094	1,187	911	1,144
2. Architecture and Construction	882	898	910	747	831	854
3. Arts, A/V Technology, and Communications	333	464	510	423	432	432
4. Business, Marketing, and Finance	782	724	746	597	712	712
5. Education and Training	489	588	586	557	633	571
6. Health Science	2,010	2,154	2,175	2,066	2,331	2,147
7. Hospitality and Tourism	639	603	654	535	681	622
8. Human Services	966	950	529	426	431	660
9. Information Technology	153	172	160	151	200	167
10. Law, Public Safety, Corrections, and Security	340	376	481	464	494	431

Table 2 Continued on the Next Page

Table 2 Continued

11. Manufacturing	644	765	902	754	883	790
12. Science, Technology, Engineering, and Mathematics	500	494	538	609	541	536
13. Transportation, Distribution, and Logistics	601	598	576	504	600	576
14. CTE Dual Credit Multi-Category*	-	-	-	245	217	231

*Cluster added in AY2022.

TABLE 3: GRADUATING K-12 CTE PARTICIPANTS;
NUMBER OF CTE PARTICIPANTS WHO GRADUATED FROM K-12 WITH TRADITIONAL DIPLOMA

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*12,473*	*13,134*	*12,616*	*13,281*	*13,365*	*12,974*
Gender						
Female	6,345	6,823	6,523	6,858	6,851	6,680
Male	6,128	6,311	6,093	6,423	6,514	6,294
Race						
Black	6,020	6,397	6,084	6,230	6,076	6,161
White	5,860	6,064	5,796	6,219	6,371	6,062
Other	593	673	736	832	918	750
Race & Gender						
Black, Female	3,406	3,642	3,413	3,484	3,366	3,462
Black, Male	2,614	2,755	2,671	2,746	2,710	2,699
White, Female	2,650	2,844	2,721	2,967	3,001	2,837
White, Male	3,210	3,220	3,075	3,252	3,370	3,225
Other, Female	289	337	389	407	484	381
Other, Male	304	336	347	425	434	369
Other Demographics						
1. Economically Disadvantaged	3,227	3,859	4,649	4,559	5,306	4,320
2. Children with Disabilities	306	406	523	490	643	474
3. English learner	88	117	134	199	194	146
4. Homeless	88	114	130	123	116	114
Ecosystem of School						
Ecosystem 1	441	498	480	374	470	453
Ecosystem 2	2,184	2,278	2,071	2,249	2,336	2,224
Ecosystem 3	881	798	779	841	693	798
Ecosystem 4	1,412	1,618	1,477	1,530	1,697	1,547
Ecosystem 5	1,862	1,987	2,021	2,325	2,288	2,097
Ecosystem 6	1,807	1,851	1,791	1,867	1,897	1,843
Ecosystem 7	1,037	1,015	1,038	1,000	899	998
Ecosystem 8	2,849	3,089	2,959	3,095	3,085	3,015
WIOA Region of School						
Delta	1,322	1,296	1,259	1,215	1,163	1,251
MS Partnership	3,596	3,896	3,548	3,779	4,033	3,770
South Central	2,899	3,002	3,059	3,325	3,187	3,094
Twin Districts	4,656	4,940	4,750	4,962	4,982	4,858
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	2,283	2,437	2,315	2,341	2,337	2,343
2. Architecture and Construction	1,285	1,317	1,223	1,261	1,247	1,267
3. Arts, A/V Technology, and Communications	628	682	722	710	765	701
4. Business, Marketing, and Finance	1,430	1,349	1,213	1,196	1,061	1,250
5. Education and Training	737	795	796	813	993	827
6. Health Science	2,544	2,807	2,807	2,905	2,986	2,810
7. Hospitality and Tourism	912	1,059	951	1,002	1,118	1,008
8. Human Services	694	802	723	1,003	920	828
9. Information Technology	240	256	313	392	355	311
10. Law, Public Safety, Corrections, and Security	568	612	593	777	811	672

Table 3 Continued on the Next Page

Table 3 Continued

11. Manufacturing	954	1,034	1,049	1,142	1,162	1,068
12. Science, Technology, Engineering, and Mathematics	849	848	848	949	921	883
13. Transportation, Distribution, and Logistics	1,061	1,026	857	826	869	928
14. CTE Dual Credit Multi-Category*	-	-	-	206	373	290

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*8,177*	*8,308*	*8,254*	*8,756*	*8,870*	*8,473*
Gender						
Female	4,208	4,373	4,350	4,551	4,627	4,422
Male	3,969	3,935	3,904	4,205	4,243	4,051
Race						
Black	3,779	3,933	3,864	4,090	3,906	3,914
White	4,006	3,967	3,904	4,140	4,364	4,076
Other	392	408	486	526	600	482
Race & Gender						
Black, Female	2,223	2,317	2,245	2,331	2,213	2,266
Black, Male	1,556	1,616	1,619	1,759	1,693	1,649
White, Female	1,786	1,846	1,834	1,962	2,089	1,903
White, Male	2,220	2,121	2,070	2,178	2,275	2,173
Other, Female	199	210	271	258	325	253
Other, Male	193	198	215	268	275	230
Other Demographics						
1. Economically Disadvantaged	2,084	2,438	3,058	3,087	3,444	2,822
2. Children with Disabilities	208	238	326	300	417	298
3. English learner	52	63	91	112	121	88
4. Homeless	57	72	85	76	75	73
Ecosystem of School						
Ecosystem 1	277	260	305	244	314	280
Ecosystem 2	1,351	1,269	1,096	1,296	1,320	1,266
Ecosystem 3	540	533	522	570	386	510
Ecosystem 4	822	948	950	929	1,077	945
Ecosystem 5	1,167	1,245	1,332	1,636	1,624	1,401
Ecosystem 6	1,239	1,186	1,150	1,236	1,264	1,215
Ecosystem 7	653	665	741	676	586	664
Ecosystem 8	2,128	2,202	2,158	2,169	2,299	2,191
WIOA Region of School						
Delta	817	793	827	814	700	790
MS Partnership	2,173	2,217	2,046	2,225	2,397	2,212
South Central	1,820	1,910	2,073	2,312	2,210	2,065
Twin Districts	3,367	3,388	3,308	3,405	3,563	3,406
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	1,219	1,057	948	903	926	1,011
2. Architecture and Construction	767	804	757	821	754	781
3. Arts, A/V Technology, and Communications	370	359	409	382	423	389
4. Business, Marketing, and Finance	799	714	650	602	626	678
5. Education and Training	470	507	520	508	593	520
6. Health Science	1,830	1,954	2,060	1,983	2,113	1,988
7. Hospitality and Tourism	548	577	537	562	623	569
8. Human Services	457	483	492	801	703	587
9. Information Technology	143	156	127	159	156	148
10. Law, Public Safety, Corrections, and Security	251	321	324	465	427	358

Table 4 Continued on the Next Page

Table 4 Continued

11. Manufacturing	625	638	703	741	738	689
12. Science, Technology, Engineering, and Mathematics	444	459	476	557	537	495
13. Transportation, Distribution, and Logistics	581	554	520	516	494	533
14. CTE Dual Credit Multi-Category*	-	-	-	106	232	169

*Cluster added in AY2022.

TABLE 5: K-12 CTE PARTICIPANT DROPOUTS;
NUMBER OF CTE PARTICIPANTS WHO DROPPED OUT FROM K-12 BEFORE GRADUATION

	Year Student Dropped Out from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*385*	*284*	*401*	*475*	*253*	*360*
Gender						
Female	146	97	122	178	85	126
Male	239	187	279	297	168	234
Race						
Black	181	125	133	210	105	151
White	190	145	244	235	140	191
Other	14	14	24	30	<10	18
Race & Gender						
Black, Female	70	47	33	75	34	52
Black, Male	111	78	100	135	71	99
White, Female	73	47	79	86	48	67
White, Male	117	98	165	149	92	124
Other, Female	<10	<10	10	17	<10	<10
Other, Male	11	11	14	13	<10	11
Other Demographics						
1. Economically Disadvantaged	112	89	168	205	110	137
2. Children with Disabilities	25	29	41	46	20	32
3. English learner	<10	<10	<10	10	<10	<10
4. Homeless	<10	<10	<10	15	<10	<10
Ecosystem of School						
Ecosystem 1	15	21	13	16	17	16
Ecosystem 2	84	50	108	111	68	84
Ecosystem 3	37	21	28	50	30	33
Ecosystem 4	38	47	54	84	28	50
Ecosystem 5	52	25	33	49	20	36
Ecosystem 6	61	52	58	56	25	50
Ecosystem 7	32	29	38	36	27	32
Ecosystem 8	66	39	69	73	38	57
WIOA Region of School						
Delta	52	42	41	66	47	50
MS Partnership	122	97	162	195	96	134
South Central	84	54	71	85	47	68
Twin Districts	127	91	127	129	63	107
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	118	93	145	137	86	116
2. Architecture and Construction	58	31	45	68	25	45
3. Arts, A/V Technology, and Communications	18	<10	11	14	<10	12
4. Business, Marketing, and Finance	42	17	31	30	13	27
5. Education and Training	11	11	18	24	<10	14
6. Health Science	26	19	16	32	15	22
7. Hospitality and Tourism	24	15	21	28	17	21
8. Human Services	15	23	15	26	15	19
9. Information Technology	<10	<10	10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	24	11	26	42	16	24

Table 5 Continued on the Next Page

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Table 5 Continued

11. Manufacturing	39	42	63	47	33	45
12. Science, Technology, Engineering, and Mathematics	11	15	23	31	12	18
13. Transportation, Distribution, and Logistics	48	34	40	39	34	39
14. CTE Dual Credit Multi-Category*	-	-	-	<10	<10	<10

*Cluster added in AY2022.

TABLE 6: K-12 CTE CONCENTRATOR DROPOUTS;
NUMBER OF CTE CONCENTRATORS WHO DROPPED OUT FROM K-12 BEFORE GRADUATION

	Year Student Dropped Out from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*74*	*59*	*83*	*101*	*42*	*72*
Gender						
Female	25	18	22	38	18	24
Male	49	41	61	63	24	48
Race						
Black	21	21	27	41	15	25
White	49	34	51	55	26	43
Other	<10	<10	<10	<10	<10	<10
Race & Gender						
Black, Female	<10	12	<10	16	<10	10
Black, Male	14	<10	19	25	<10	15
White, Female	17	<10	13	20	10	13
White, Male	32	28	38	35	16	30
Other, Female	<10	<10	<10	<10	<10	<10
Other, Male	<10	<10	<10	<10	<10	<10
Other Demographics						
1. Economically Disadvantaged	14	23	39	53	20	30
2. Children with Disabilities	<10	<10	<10	<10	<10	<10
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	<10	<10	<10	<10	<10
Ecosystem 2	24	12	25	20	10	18
Ecosystem 3	<10	<10	<10	22	<10	<10
Ecosystem 4	<10	<10	10	11	<10	<10
Ecosystem 5	<10	<10	10	13	<10	<10
Ecosystem 6	15	11	13	12	<10	11
Ecosystem 7	<10	<10	<10	<10	<10	<10
Ecosystem 8	12	<10	12	10	<10	<10
WIOA Region of School						
Delta	<10	<10	<10	26	<10	11
MS Partnership	31	20	35	31	15	26
South Central	<10	16	17	22	<10	14
Twin Districts	27	18	25	22	<10	20
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	29	21	18	17	<10	19
2. Architecture and Construction	11	<10	13	13	<10	<10
3. Arts, A/V Technology, and Communications	<10	<10	<10	<10	<10	<10
4. Business, Marketing, and Finance	<10	<10	<10	<10	<10	<10
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	<10	<10	<10	<10	<10	<10
7. Hospitality and Tourism	<10	<10	<10	<10	<10	<10
8. Human Services	<10	<10	<10	11	<10	<10
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	11	<10	<10

Table 6 Continued on the Next Page

Table 6 Continued

11. Manufacturing	<10	<10	18	15	<10	11
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	<10	<10	<10	10	<10	<10
14. CTE Dual Credit Multi-Category*	-	-	-	<10	<10	<10

*Cluster added in AY2022.

TABLE 7: GRADE OF FIRST K-12 CTE ENROLLMENT;
FREQUENCY TABULATION OF THE GRADE CTE STUDENTS FIRST ENROLLED IN A K-12 CTE COURSE,
MEASURED FOR STUDENTS WHO GRADUATED

Grade of First Enrollment in any CTE Course	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
9th Grade	1,946	2,009	2,395	2,693	2,910	2,391
10th Grade	5,843	6,125	5,741	6,200	5,716	5,925
11th Grade	4,248	4,544	4,129	3,750	4,291	4,192
12th Grade	436	456	338	583	393	441

TABLE 8: K-12 CTE PARTICIPANTS WHO GRADUATED WITH CTE DUAL CREDIT; NUMBER OF K-12 CTE PARTICIPANTS WHO GRADUATED AFTER COMPLETING A CTE DUAL CREDIT / DUAL ENROLLMENT ACADEMIC PROGRAM

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*298*	*509*	*613*	*1,009*	*1,176*	*721*
Gender						
Female	123	245	303	499	622	358
Male	175	264	310	510	554	363
Race						
Black	180	323	335	490	618	389
White	109	170	251	470	489	298
Other	<10	16	27	49	69	34
Race & Gender						
Black, Female	90	187	198	273	353	220
Black, Male	90	136	137	217	265	169
White, Female	30	53	91	207	237	124
White, Male	79	117	160	263	252	174
Other, Female	<10	<10	14	19	32	15
Other, Male	<10	11	13	30	37	19
Other Demographics						
1. Economically Disadvantaged	79	171	181	287	465	237
2. Children with Disabilities	<10	18	16	32	44	23
3. English learner	<10	<10	<10	12	11	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	21	25	46	54	31
Ecosystem 2	33	37	13	30	40	31
Ecosystem 3	<10	<10	<10	<10	11	<10
Ecosystem 4	27	83	24	41	31	41
Ecosystem 5	139	244	396	532	590	380
Ecosystem 6	34	37	85	140	248	109
Ecosystem 7	17	20	18	22	21	20
Ecosystem 8	39	65	48	191	181	105
WIOA Region of School						
Delta	<10	23	29	53	65	36
MS Partnership	60	120	37	71	71	72
South Central	156	264	414	554	611	400
Twin Districts	73	102	133	331	429	214
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	31	44	42	75	62	51
2. Architecture and Construction	34	46	48	64	48	48
3. Arts, A/V Technology, and Communications	15	51	85	127	114	78
4. Business, Marketing, and Finance	27	85	76	198	177	113
5. Education and Training	12	<10	16	79	189	60
6. Health Science	62	92	149	254	315	174
7. Hospitality and Tourism	19	42	39	43	43	37
8. Human Services	33	95	63	223	252	133
9. Information Technology	28	42	15	69	52	41
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	11	35	11

Table 8 Continued on the Next Page

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Table 8 Continued

11. Manufacturing	46	73	99	113	77	82
12. Science, Technology, Engineering, and Mathematics	13	32	18	110	113	57
13. Transportation, Distribution, and Logistics	25	49	70	68	42	51
14. CTE Dual Credit Multi-Category*	-	-	-	206	373	290

*Cluster added in AY2022.

TABLE 9: K-12 CTE CONCENTRATORS WHO GRADUATED WITH CTE DUAL CREDIT; NUMBER OF K-12 CTE CONCENTRATORS WHO GRADUATED AFTER COMPLETING A CTE DUAL CREDIT / DUAL ENROLLMENT ACADEMIC PROGRAM

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*155*	*306*	*444*	*681*	*857*	*489*
Gender						
Female	64	133	205	338	462	240
Male	91	173	239	343	395	248
Race						
Black	87	178	216	339	455	255
White	63	115	207	311	354	210
Other	<10	13	21	31	48	24
Race & Gender						
Black, Female	46	99	120	192	258	143
Black, Male	41	79	96	147	197	112
White, Female	16	30	75	135	184	88
White, Male	47	85	132	176	170	122
Other, Female	<10	<10	10	11	20	<10
Other, Male	<10	<10	11	20	28	14
Other Demographics						
1. Economically Disadvantaged	44	94	121	206	335	160
2. Children with Disabilities	<10	12	12	22	37	17
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	12	13	13	26	14
Ecosystem 2	22	21	11	24	32	22
Ecosystem 3	<10	<10	<10	<10	<10	<10
Ecosystem 4	13	35	10	19	19	19
Ecosystem 5	47	142	287	419	455	270
Ecosystem 6	17	29	75	87	197	81
Ecosystem 7	13	18	15	16	16	16
Ecosystem 8	34	47	31	99	105	63
WIOA Region of School						
Delta	<10	14	15	17	33	18
MS Partnership	35	56	21	43	51	41
South Central	60	160	302	435	471	286
Twin Districts	51	76	106	186	302	144
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	16	22	17	13	21	18
2. Architecture and Construction	27	34	39	35	22	31
3. Arts, A/V Technology, and Communications	10	36	69	81	84	56
4. Business, Marketing, and Finance	14	30	34	66	97	48
5. Education and Training	<10	<10	12	27	103	30
6. Health Science	26	45	97	133	196	99
7. Hospitality and Tourism	10	30	20	25	15	20
8. Human Services	<10	21	41	197	206	94
9. Information Technology	18	23	<10	<10	<10	12
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	13	<10

Table 9 Continued on the Next Page

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Table 9 Continued

11. Manufacturing	20	52	76	50	28	45
12. Science, Technology, Engineering, and Mathematics	<10	13	<10	42	45	23
13. Transportation, Distribution, and Logistics	<10	17	45	26	<10	20
14. CTE Dual Credit Multi-Category*	-	-	-	106	232	169

*Cluster added in AY2022.

TABLE 10: K-12 CTE Participants who Graduated with Non-CTE Dual Credit; Number of K-12 CTE Participants who Graduated after Completing a Non-CTE Dual Credit / Dual Enrollment Academic Program

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*4,272*	*4,500*	*4,101*	*4,321*	*4,915*	*4,422*
Gender						
Female	2,705	2,918	2,670	2,754	3,068	2,823
Male	1,567	1,582	1,431	1,567	1,847	1,599
Race						
Black	1,826	1,719	1,510	1,511	1,723	1,658
White	2,244	2,537	2,330	2,528	2,810	2,490
Other	202	244	261	282	382	274
Race & Gender						
Black, Female	1,275	1,227	1,085	1,066	1,194	1,169
Black, Male	551	492	425	445	529	488
White, Female	1,315	1,543	1,414	1,526	1,629	1,485
White, Male	929	994	916	1,002	1,181	1,004
Other, Female	115	148	171	162	245	168
Other, Male	87	96	90	120	137	106
Other Demographics						
1. Economically Disadvantaged	1,055	1,185	1,382	1,377	1,833	1,366
2. Children with Disabilities	42	36	39	45	75	47
3. English learner	15	20	23	44	58	32
4. Homeless	29	32	32	36	23	30
Ecosystem of School						
Ecosystem 1	190	190	160	105	188	167
Ecosystem 2	704	723	676	829	934	773
Ecosystem 3	257	179	192	189	192	202
Ecosystem 4	504	522	458	433	608	505
Ecosystem 5	729	727	623	649	692	684
Ecosystem 6	625	629	576	596	702	626
Ecosystem 7	250	307	278	293	277	281
Ecosystem 8	1,013	1,223	1,138	1,227	1,322	1,185
WIOA Region of School						
Delta	447	369	352	294	380	368
MS Partnership	1,208	1,245	1,134	1,262	1,542	1,278
South Central	979	1,034	901	942	969	965
Twin Districts	1,638	1,852	1,714	1,823	2,024	1,810
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	646	673	646	722	844	706
2. Architecture and Construction	279	255	233	260	327	271
3. Arts, A/V Technology, and Communications	214	278	219	202	268	236
4. Business, Marketing, and Finance	598	523	480	369	402	474
5. Education and Training	253	264	252	279	325	275
6. Health Science	1,406	1,553	1,501	1,509	1,628	1,519
7. Hospitality and Tourism	263	329	271	256	423	308
8. Human Services	222	226	184	254	219	221
9. Information Technology	70	71	106	137	138	104
10. Law, Public Safety, Corrections, and Security	152	166	153	211	240	184

Table 10 Continued on the Next Page

Table 10 Continued

11. Manufacturing	138	147	118	174	218	159
12. Science, Technology, Engineering, and Mathematics	355	359	333	390	377	363
13. Transportation, Distribution, and Logistics	154	181	131	103	172	148
14. CTE Dual Credit Multi-Category*	-	-	-	<10	<10	<10

*Cluster added in AY2022.

TABLE 11: K-12 CTE CONCENTRATORS WHO GRADUATED WITH NON-CTE DUAL CREDIT; NUMBER OF K-12 CTE CONCENTRATORS WHO GRADUATED AFTER COMPLETING A NON-CTE DUAL CREDIT / DUAL ENROLLMENT ACADEMIC PROGRAM

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*2,849*	*2,990*	*2,882*	*3,088*	*3,481*	*3,058*
Gender						
Female	1,853	1,982	1,930	1,997	2,213	1,995
Male	996	1,008	952	1,091	1,268	1,063
Race						
Black	1,207	1,158	1,087	1,156	1,243	1,170
White	1,497	1,675	1,601	1,732	1,970	1,695
Other	145	157	194	200	268	193
Race & Gender						
Black, Female	865	845	802	819	868	840
Black, Male	342	313	285	337	375	330
White, Female	901	1,040	997	1,064	1,168	1,034
White, Male	596	635	604	668	802	661
Other, Female	87	97	131	114	177	121
Other, Male	58	60	63	86	91	72
Other Demographics						
1. Economically Disadvantaged	710	819	979	1,011	1,284	961
2. Children with Disabilities	31	23	30	35	54	35
3. English learner	<10	11	20	32	42	23
4. Homeless	21	23	23	25	20	22
Ecosystem of School						
Ecosystem 1	129	121	112	85	157	121
Ecosystem 2	431	414	364	476	559	449
Ecosystem 3	146	117	131	140	113	129
Ecosystem 4	314	321	343	307	429	343
Ecosystem 5	474	463	416	498	510	472
Ecosystem 6	427	423	406	405	465	425
Ecosystem 7	172	216	214	221	195	204
Ecosystem 8	756	915	896	956	1,053	915
WIOA Region of School						
Delta	275	238	243	225	270	250
MS Partnership	745	735	707	783	988	792
South Central	646	679	630	719	705	676
Twin Districts	1,183	1,338	1,302	1,361	1,518	1,340
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	337	295	272	267	309	296
2. Architecture and Construction	146	147	149	173	209	165
3. Arts, A/V Technology, and Communications	120	138	113	113	149	127
4. Business, Marketing, and Finance	326	272	280	214	246	268
5. Education and Training	166	184	174	194	223	188
6. Health Science	1,087	1,174	1,202	1,173	1,281	1,183
7. Hospitality and Tourism	144	179	158	149	254	177
8. Human Services	130	162	124	212	171	160
9. Information Technology	41	47	51	62	76	55
10. Law, Public Safety, Corrections, and Security	67	89	85	144	143	106

Table 11 Continued on the Next Page

Table 11 Continued

11. Manufacturing	95	85	81	122	155	108
12. Science, Technology, Engineering, and Mathematics	194	224	221	295	269	241
13. Transportation, Distribution, and Logistics	76	87	77	69	105	83
14. CTE Dual Credit Multi-Category*	-	-	-	<10	<10	<10

*Cluster added in AY2022.

TABLE 12: WORK-BASED LEARNING FOR K-12 CTE PARTICIPANTS; NUMBER OF K-12 CTE PARTICIPANTS WHO COMPLETED A WORK-BASED LEARNING COURSE PRIOR TO K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,015*	*1,145*	*1,115*	*1,943*	*2,017*	*1,447*
Gender						
Female	533	635	592	1,025	1,024	762
Male	482	510	523	918	993	685
Race						
Black	376	447	488	769	755	567
White	602	643	563	1,060	1,141	802
Other	37	55	64	114	121	78
Race & Gender						
Black, Female	251	311	290	456	457	353
Black, Male	125	136	198	313	298	214
White, Female	266	296	267	517	505	370
White, Male	336	347	296	543	636	432
Other, Female	16	28	35	52	62	39
Other, Male	21	27	29	62	59	40
Other Demographics						
1. Economically Disadvantaged	242	285	376	643	747	459
2. Children with Disabilities	13	29	34	57	70	41
3. English learner	<10	<10	<10	24	27	15
4. Homeless	10	<10	12	13	17	12
Ecosystem of School						
Ecosystem 1	43	65	56	73	87	65
Ecosystem 2	243	250	214	345	405	291
Ecosystem 3	49	28	21	71	60	46
Ecosystem 4	69	102	76	125	180	110
Ecosystem 5	151	203	313	408	395	294
Ecosystem 6	111	122	99	312	277	184
Ecosystem 7	30	30	27	98	90	55
Ecosystem 8	319	345	309	511	523	401
WIOA Region of School						
Delta	92	93	77	144	147	111
MS Partnership	312	352	290	470	585	402
South Central	181	233	340	506	485	349
Twin Districts	430	467	408	823	800	586
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	185	196	167	333	370	250
2. Architecture and Construction	110	107	86	172	155	126
3. Arts, A/V Technology, and Communications	54	55	60	138	152	92
4. Business, Marketing, and Finance	114	82	71	149	147	113
5. Education and Training	64	66	73	140	174	103
6. Health Science	218	282	300	469	430	340
7. Hospitality and Tourism	71	97	104	128	140	108
8. Human Services	38	64	85	258	236	136
9. Information Technology	24	15	20	37	40	27
10. Law, Public Safety, Corrections, and Security	26	52	32	90	105	61

Table 12 Continued on the Next Page

Table 12 Continued

11. Manufacturing	108	116	125	208	240	159
12. Science, Technology, Engineering, and Mathematics	57	77	51	124	146	91
13. Transportation, Distribution, and Logistics	100	103	84	122	129	108
14. CTE Dual Credit Multi-Category*	-	-	-	44	106	75

*Cluster added in AY2022.

TABLE 13: WORK-BASED LEARNING FOR K-12 CTE CONCENTRATORS; NUMBER OF K-12 CTE CONCENTRATORS WHO COMPLETED A WORK-BASED LEARNING COURSE PRIOR TO K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*791*	*918*	*867*	*1,558*	*1,634*	*1,154*
Gender						
Female	405	510	447	816	854	606
Male	386	408	420	742	780	547
Race						
Black	287	348	348	611	613	441
White	472	529	467	861	928	651
Other	32	41	52	86	93	61
Race & Gender						
Black, Female	190	239	204	357	389	276
Black, Male	97	109	144	254	224	166
White, Female	200	248	216	419	420	301
White, Male	272	281	251	442	508	351
Other, Female	15	23	27	40	45	30
Other, Male	17	18	25	46	48	31
Other Demographics						
1. Economically Disadvantaged	186	211	285	517	573	354
2. Children with Disabilities	<10	23	27	45	59	33
3. English learner	<10	<10	<10	22	21	13
4. Homeless	<10	<10	<10	<10	15	<10
Ecosystem of School						
Ecosystem 1	36	45	40	55	59	47
Ecosystem 2	146	166	138	249	287	197
Ecosystem 3	31	21	20	51	44	33
Ecosystem 4	41	69	53	101	136	80
Ecosystem 5	124	180	220	349	335	242
Ecosystem 6	107	111	90	248	233	158
Ecosystem 7	21	23	26	79	73	44
Ecosystem 8	285	303	280	426	467	352
WIOA Region of School						
Delta	67	66	60	106	103	80
MS Partnership	187	235	191	350	423	277
South Central	145	203	246	428	408	286
Twin Districts	392	414	370	674	700	510
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	101	116	72	160	168	123
2. Architecture and Construction	82	84	69	122	93	90
3. Arts, A/V Technology, and Communications	42	38	41	84	92	59
4. Business, Marketing, and Finance	82	61	55	70	90	72
5. Education and Training	47	49	53	103	122	75
6. Health Science	177	240	233	357	364	274
7. Hospitality and Tourism	51	76	69	80	103	76
8. Human Services	29	41	68	236	209	117
9. Information Technology	14	<10	15	28	29	19
10. Law, Public Safety, Corrections, and Security	17	28	23	64	63	39

Table 13 Continued on the Next Page

Table 13 Continued

11. Manufacturing	97	84	91	163	178	123
12. Science, Technology, Engineering, and Mathematics	40	56	39	95	121	70
13. Transportation, Distribution, and Logistics	57	74	60	91	92	75
14. CTE Dual Credit Multi-Category*	-	-	-	23	60	42

*Cluster added in AY2022.

TABLE 14: ENROLLMENT OF K-12 CTE PARTICIPANTS AT MISSISSIPPI COMMUNITY COLLEGE; NUMBER OF K-12 CTE PARTICIPANTS WHO GRADUATED K-12 AND SUBSEQUENTLY ENROLLED IN MISSISSIPPI COMMUNITY COLLEGE WITHIN ONE YEAR OF GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*6,365*	*6,133*	*5,573*	*5,815*	*5,887*	*5,955*
Gender						
Female	3,556	3,550	3,170	3,280	3,299	3,371
Male	2,809	2,583	2,403	2,535	2,588	2,584
Race						
Black	3,058	2,862	2,545	2,525	2,501	2,698
White	3,075	3,011	2,750	2,962	3,006	2,961
Other	232	260	278	328	380	296
Race & Gender						
Black, Female	1,858	1,777	1,563	1,533	1,482	1,643
Black, Male	1,200	1,085	982	992	1,019	1,056
White, Female	1,575	1,623	1,434	1,574	1,600	1,561
White, Male	1,500	1,388	1,316	1,388	1,406	1,400
Other, Female	123	150	173	173	217	167
Other, Male	109	110	105	155	163	128
Other Demographics						
1. Economically Disadvantaged	1,634	1,792	2,089	1,972	2,321	1,962
2. Children with Disabilities	114	152	189	182	234	174
3. English learner	33	36	33	65	81	50
4. Homeless	37	36	51	46	40	42
Ecosystem of School						
Ecosystem 1	237	217	196	169	202	204
Ecosystem 2	1,096	1,044	916	1,023	1,091	1,034
Ecosystem 3	409	350	265	287	262	315
Ecosystem 4	779	837	719	702	787	765
Ecosystem 5	862	824	847	846	812	838
Ecosystem 6	999	930	862	948	947	937
Ecosystem 7	555	485	455	471	439	481
Ecosystem 8	1,428	1,446	1,313	1,369	1,347	1,381
WIOA Region of School						
Delta	646	567	461	456	464	519
MS Partnership	1,875	1,881	1,635	1,725	1,878	1,799
South Central	1,417	1,309	1,302	1,317	1,251	1,319
Twin Districts	2,427	2,376	2,175	2,317	2,294	2,318
Major						
Agriculture and Life Sciences	203	254	187	213	184	208
Architecture, Art, and Design	<10	12	20	14	12	13
Arts and Sciences	3,124	2,977	2,648	2,626	2,828	2,841
Business	365	416	383	435	426	405
Education	1,096	1,047	965	1,016	977	1,020
Engineering	468	472	408	447	464	452
Fine Arts	253	220	217	209	228	225
Legal Studies	148	140	129	116	116	130
Production	695	582	599	631	644	630
Undeclared	<10	13	17	108	<10	30

Table 14 Continued on the Next Page

Table 14 Continued

Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	1,240	1,178	1,080	1,114	1,104	1,143
2. Architecture and Construction	610	533	473	505	493	523
3. Arts, A/V Technology, and Communications	316	322	320	282	334	315
4. Business, Marketing, and Finance	758	594	532	525	497	581
5. Education and Training	455	447	382	393	480	431
6. Health Science	1,422	1,576	1,488	1,508	1,453	1,489
7. Hospitality and Tourism	454	509	440	405	489	459
8. Human Services	378	376	316	439	408	383
9. Information Technology	109	125	127	169	150	136
10. Law, Public Safety, Corrections, and Security	270	272	252	340	316	290
11. Manufacturing	414	356	352	387	439	390
12. Science, Technology, Engineering, and Mathematics	397	379	362	373	336	369
13. Transportation, Distribution, and Logistics	429	374	304	266	304	335
14. CTE Dual Credit Multi-Category*	-	-	-	85	140	113

*Cluster added in AY2022.

TABLE 15: ENROLLMENT OF K-12 CTE CONCENTRATORS AT MISSISSIPPI COMMUNITY COLLEGE; NUMBER OF K-12 CTE CONCENTRATORS WHO GRADUATED K-12 AND SUBSEQUENTLY ENROLLED IN MISSISSIPPI COMMUNITY COLLEGE WITHIN ONE YEAR OF GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*4,255*	*3,964*	*3,773*	*4,016*	*4,010*	*4,004*
Gender						
Female	2,441	2,338	2,211	2,283	2,289	2,312
Male	1,814	1,626	1,562	1,733	1,721	1,691
Race						
Black	1,986	1,787	1,676	1,739	1,641	1,766
White	2,122	2,014	1,901	2,059	2,120	2,043
Other	147	163	196	218	249	195
Race & Gender						
Black, Female	1,269	1,155	1,075	1,066	977	1,108
Black, Male	717	632	601	673	664	657
White, Female	1,088	1,089	1,006	1,108	1,155	1,089
White, Male	1,034	925	895	951	965	954
Other, Female	84	94	130	109	157	115
Other, Male	63	69	66	109	92	80
Other Demographics						
1. Economically Disadvantaged	1,085	1,147	1,425	1,407	1,555	1,324
2. Children with Disabilities	82	103	113	128	158	117
3. English learner	17	22	28	40	49	31
4. Homeless	20	25	40	33	26	29
Ecosystem of School						
Ecosystem 1	149	115	128	119	138	130
Ecosystem 2	680	610	488	599	656	607
Ecosystem 3	259	243	176	209	155	208
Ecosystem 4	451	486	493	457	492	476
Ecosystem 5	541	503	555	614	568	556
Ecosystem 6	688	608	563	659	653	634
Ecosystem 7	368	331	337	322	291	330
Ecosystem 8	1,119	1,068	1,033	1,037	1,057	1,063
WIOA Region of School						
Delta	408	358	304	328	293	338
MS Partnership	1,131	1,096	981	1,056	1,148	1,082
South Central	909	834	892	936	859	886
Twin Districts	1,807	1,676	1,596	1,696	1,710	1,697
Major						
Agriculture and Life Sciences	140	156	117	144	146	141
Architecture, Art, and Design	<10	<10	12	10	<10	<10
Arts and Sciences	2,069	1,919	1,806	1,834	1,883	1,902
Business	236	237	226	276	271	249
Education	696	671	665	684	663	676
Engineering	348	321	270	308	310	311
Fine Arts	163	138	144	142	168	151
Legal Studies	82	88	94	81	75	84
Production	513	417	432	473	479	463
Undeclared	<10	<10	<10	64	<10	18

Table 15 Continued on the Next Page

Table 15 Continued

Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	649	514	448	423	435	494
2. Architecture and Construction	368	303	288	346	317	324
3. Arts, A/V Technology, and Communications	187	168	184	157	189	177
4. Business, Marketing, and Finance	451	320	288	284	304	329
5. Education and Training	298	287	252	280	301	284
6. Health Science	1,049	1,121	1,122	1,083	1,068	1,089
7. Hospitality and Tourism	273	276	259	244	282	267
8. Human Services	258	234	216	361	315	277
9. Information Technology	61	81	53	81	77	71
10. Law, Public Safety, Corrections, and Security	127	147	150	213	174	162
11. Manufacturing	265	237	246	267	281	259
12. Science, Technology, Engineering, and Mathematics	220	218	221	232	198	218
13. Transportation, Distribution, and Logistics	226	201	187	168	172	191
14. CTE Dual Credit Multi-Category*	-	-	-	35	88	62

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,524*	*1,469*	*1,503*	*1,781*	*1,921*	*1,640*
Gender						
Female	954	951	991	1,146	1,216	1,052
Male	570	518	512	635	705	588
Race						
Black	861	781	774	920	1,000	867
White	609	616	637	764	813	688
Other	54	72	92	97	108	85
Race & Gender						
Black, Female	590	557	549	637	685	604
Black, Male	271	224	225	283	315	264
White, Female	335	361	384	450	469	400
White, Male	274	255	253	314	344	288
Other, Female	29	33	58	59	62	48
Other, Male	25	39	34	38	46	36
Other Demographics						
1. Economically Disadvantaged	407	328	432	534	752	491
2. Children with Disabilities	12	<10	<10	13	38	16
3. English learner	<10	<10	<10	10	11	<10
4. Homeless	10	<10	14	14	15	12
Ecosystem of School						
Ecosystem 1	32	57	60	42	65	51
Ecosystem 2	194	205	194	222	237	210
Ecosystem 3	179	114	114	148	153	142
Ecosystem 4	142	171	157	166	225	172
Ecosystem 5	389	319	361	498	547	423
Ecosystem 6	142	139	147	182	182	158
Ecosystem 7	120	99	110	90	96	103
Ecosystem 8	326	365	360	433	416	380
WIOA Region of School						
Delta	211	171	174	190	218	193
MS Partnership	336	376	351	388	462	383
South Central	509	418	471	588	643	526
Twin Districts	468	504	507	615	598	538
Major						
Agriculture and Life Sciences	295	307	310	322	363	319
Architecture, Art, and Design	<10	12	15	11	23	14
Arts and Sciences	369	363	367	438	404	388
Business	155	143	157	190	235	176
Education	344	334	361	375	456	374
Engineering	236	202	212	318	287	251
Fine Arts	55	59	38	61	67	56
Legal Studies	56	48	43	59	80	57
Production	<10	<10	<10	<10	<10	<10
Undeclared	<10	<10	<10	<10	<10	<10

Table 16 Continued on the Next Page

Table 16 Continued

Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	147	142	141	173	166	154
2. Architecture and Construction	100	74	76	102	101	91
3. Arts, A/V Technology, and Communications	99	116	102	119	131	113
4. Business, Marketing, and Finance	213	203	190	195	161	192
5. Education and Training	81	80	104	118	182	113
6. Health Science	511	499	555	606	693	573
7. Hospitality and Tourism	92	106	102	133	164	119
8. Human Services	77	84	83	130	149	105
9. Information Technology	29	37	58	85	69	56
10. Law, Public Safety, Corrections, and Security	68	63	54	85	114	77
11. Manufacturing	31	34	26	48	45	37
12. Science, Technology, Engineering, and Mathematics	177	157	153	216	227	186
13. Transportation, Distribution, and Logistics	60	50	30	37	53	46
14. CTE Dual Credit Multi-Category*	-	-	-	15	32	24

*Cluster added in AY2022.

TABLE 17: ENROLLMENT OF K-12 CTE CONCENTRATORS AT MISSISSIPPI PUBLIC UNIVERSITY; NUMBER OF K-12 CTE CONCENTRATORS WHO GRADUATED K-12 AND SUBSEQUENTLY ENROLLED IN MISSISSIPPI PUBLIC UNIVERSITY WITHIN ONE YEAR OF GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,002*	*946*	*996*	*1,175*	*1,336*	*1,091*
Gender						
Female	625	631	661	780	883	716
Male	377	315	335	395	453	375
Race						
Black	541	531	498	646	716	586
White	417	372	430	464	547	446
Other	44	43	68	65	73	59
Race & Gender						
Black, Female	372	381	355	457	507	414
Black, Male	169	150	143	189	209	172
White, Female	230	228	263	280	334	267
White, Male	187	144	167	184	213	179
Other, Female	23	22	43	43	42	35
Other, Male	21	21	25	22	31	24
Other Demographics						
1. Economically Disadvantaged	259	224	276	367	501	325
2. Children with Disabilities	<10	<10	<10	10	29	12
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	10	<10	<10	13	12	<10
Ecosystem of School						
Ecosystem 1	23	37	41	31	50	36
Ecosystem 2	117	100	101	113	127	112
Ecosystem 3	94	72	74	100	91	86
Ecosystem 4	90	104	105	108	165	114
Ecosystem 5	256	204	243	361	410	295
Ecosystem 6	106	103	100	116	119	109
Ecosystem 7	76	73	75	63	68	71
Ecosystem 8	240	253	257	283	306	268
WIOA Region of School						
Delta	117	109	115	131	141	123
MS Partnership	207	204	206	221	292	226
South Central	332	277	318	424	478	366
Twin Districts	346	356	357	399	425	377
Major						
Agriculture and Life Sciences	199	206	216	234	282	227
Architecture, Art, and Design	<10	<10	<10	<10	19	<10
Arts and Sciences	239	229	245	265	258	247
Business	98	84	88	112	149	106
Education	232	230	243	271	341	263
Engineering	160	124	144	206	185	164
Fine Arts	33	37	28	35	45	36
Legal Studies	34	28	23	39	53	35
Production	<10	<10	<10	<10	<10	<10
Undeclared	<10	<10	<10	<10	<10	<10

Table 17 Continued on the Next Page

Table 17 Continued

Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	88	64	51	61	58	64
2. Architecture and Construction	47	49	42	70	68	55
3. Arts, A/V Technology, and Communications	56	55	58	56	75	60
4. Business, Marketing, and Finance	113	102	96	96	96	101
5. Education and Training	52	48	67	62	105	67
6. Health Science	391	369	421	421	512	423
7. Hospitality and Tourism	49	61	54	69	104	67
8. Human Services	40	43	57	108	113	72
9. Information Technology	21	18	21	24	24	22
10. Law, Public Safety, Corrections, and Security	29	37	24	46	50	37
11. Manufacturing	19	14	18	32	27	22
12. Science, Technology, Engineering, and Mathematics	107	89	97	145	138	115
13. Transportation, Distribution, and Logistics	28	26	19	22	27	24
14. CTE Dual Credit Multi-Category*	-	-	-	<10	13	10

*Cluster added in AY2022.

TABLE 18: COLLEGE RETENTION OF K-12 CTE PARTICIPANTS; NUMBER OF K-12 CTE PARTICIPANTS WHO ENROLLED IN COMMUNITY COLLEGE AFTER K-12 GRADUATION AND THEN CONTINUED TO BE ENROLLED IN THE SUBSEQUENT FALL SEMESTER OF THE SECOND ACADEMIC YEAR

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*4,131*	*3,818*	*3,618*	*3,874*	*4,042*	*3,897*
Gender						
Female	2,446	2,311	2,141	2,269	2,349	2,303
Male	1,685	1,507	1,477	1,605	1,693	1,593
Race						
Black	1,924	1,730	1,603	1,629	1,632	1,704
White	2,046	1,920	1,825	2,012	2,110	1,983
Other	161	168	190	233	300	210
Race & Gender						
Black, Female	1,259	1,136	1,044	1,030	1,002	1,094
Black, Male	665	594	559	599	630	609
White, Female	1,094	1,075	980	1,109	1,171	1,086
White, Male	952	845	845	903	939	897
Other, Female	93	100	117	130	176	123
Other, Male	68	68	73	103	124	87
Other Demographics						
1. Economically Disadvantaged	1,037	1,105	1,300	1,297	1,555	1,259
2. Children with Disabilities	61	80	108	103	133	97
3. English learner	22	26	20	48	67	37
4. Homeless	23	16	30	34	26	26
Ecosystem of School						
Ecosystem 1	144	131	121	109	139	129
Ecosystem 2	732	667	601	715	800	703
Ecosystem 3	275	214	169	175	163	199
Ecosystem 4	484	493	421	494	541	487
Ecosystem 5	586	533	530	554	528	546
Ecosystem 6	617	539	553	600	635	589
Ecosystem 7	373	315	316	333	312	330
Ecosystem 8	920	926	907	894	924	914
WIOA Region of School						
Delta	419	345	290	284	302	328
MS Partnership	1,216	1,160	1,022	1,209	1,341	1,190
South Central	959	848	846	887	840	876
Twin Districts	1,537	1,465	1,460	1,494	1,559	1,503
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	793	734	690	748	743	742
2. Architecture and Construction	359	305	273	302	324	313
3. Arts, A/V Technology, and Communications	213	186	201	183	212	199
4. Business, Marketing, and Finance	513	395	339	340	353	388
5. Education and Training	291	291	242	287	338	290
6. Health Science	1,027	1,093	1,052	1,089	1,081	1,068
7. Hospitality and Tourism	291	287	288	254	343	293
8. Human Services	252	220	200	289	266	245
9. Information Technology	80	90	77	112	113	94
10. Law, Public Safety, Corrections, and Security	180	161	149	210	218	184

Table 18 Continued on the Next Page

Table 18 Continued

11. Manufacturing	206	177	185	218	257	209
12. Science, Technology, Engineering, and Mathematics	268	232	254	250	247	250
13. Transportation, Distribution, and Logistics	239	190	194	148	189	192
14. CTE Dual Credit Multi-Category*	-	-	-	42	75	59

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*2,818*	*2,522*	*2,522*	*2,722*	*2,801*	*2,677*
Gender						
Female	1,731	1,566	1,545	1,612	1,658	1,622
Male	1,087	956	977	1,110	1,143	1,055
Race						
Black	1,293	1,113	1,091	1,136	1,093	1,145
White	1,423	1,297	1,296	1,432	1,506	1,391
Other	102	112	135	154	202	141
Race & Gender						
Black, Female	893	755	742	726	675	758
Black, Male	400	358	349	410	418	387
White, Female	773	745	714	801	852	777
White, Male	650	552	582	631	654	614
Other, Female	65	66	89	85	131	87
Other, Male	37	46	46	69	71	54
Other Demographics						
1. Economically Disadvantaged	700	730	918	951	1,058	871
2. Children with Disabilities	42	56	66	72	91	65
3. English learner	10	17	18	29	43	23
4. Homeless	16	12	23	24	20	19
Ecosystem of School						
Ecosystem 1	85	75	81	82	97	84
Ecosystem 2	459	403	339	419	491	422
Ecosystem 3	174	145	115	130	103	133
Ecosystem 4	291	286	306	338	351	314
Ecosystem 5	373	331	347	399	364	363
Ecosystem 6	435	364	370	432	444	409
Ecosystem 7	255	215	237	229	205	228
Ecosystem 8	746	703	727	693	746	723
WIOA Region of School						
Delta	259	220	196	212	200	217
MS Partnership	750	689	645	757	842	737
South Central	628	546	584	628	569	591
Twin Districts	1,181	1,067	1,097	1,125	1,190	1,132
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	409	315	300	282	279	317
2. Architecture and Construction	219	178	178	214	211	200
3. Arts, A/V Technology, and Communications	121	100	120	103	121	113
4. Business, Marketing, and Finance	304	214	187	191	222	224
5. Education and Training	199	199	166	212	209	197
6. Health Science	775	792	807	799	820	799
7. Hospitality and Tourism	183	151	175	158	206	175
8. Human Services	173	143	143	238	213	182
9. Information Technology	46	56	37	58	59	51
10. Law, Public Safety, Corrections, and Security	89	89	92	135	113	104

Table 19 Continued on the Next Page

Table 19 Continued

11. Manufacturing	132	124	129	154	176	143
12. Science, Technology, Engineering, and Mathematics	156	145	161	160	144	153
13. Transportation, Distribution, and Logistics	120	102	122	100	113	111
14. CTE Dual Credit Multi-Category*	-	-	-	18	46	32

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,171*	*1,075*	*1,145*	*1,385*	*1,477*	*1,251*
Gender						
Female	752	699	758	890	931	806
Male	419	376	387	495	546	445
Race						
Black	632	538	552	663	713	620
White	496	478	516	636	672	560
Other	43	59	77	86	92	71
Race & Gender						
Black, Female	449	390	393	459	491	436
Black, Male	183	148	159	204	222	183
White, Female	281	281	316	379	391	330
White, Male	215	197	200	257	281	230
Other, Female	22	28	49	52	49	40
Other, Male	21	31	28	34	43	31
Other Demographics						
1. Economically Disadvantaged	300	232	300	391	542	353
2. Children with Disabilities	12	<10	<10	10	22	11
3. English learner	<10	<10	<10	10	10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	21	43	43	31	47	37
Ecosystem 2	164	166	159	178	198	173
Ecosystem 3	113	75	76	101	100	93
Ecosystem 4	114	107	115	121	169	125
Ecosystem 5	315	253	278	412	440	340
Ecosystem 6	111	97	111	129	134	116
Ecosystem 7	90	67	90	69	69	77
Ecosystem 8	243	267	273	344	320	289
WIOA Region of School						
Delta	134	118	119	132	147	130
MS Partnership	278	273	274	299	367	298
South Central	405	320	368	481	509	417
Twin Districts	354	364	384	473	454	406
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	120	95	108	133	122	116
2. Architecture and Construction	64	45	53	79	70	62
3. Arts, A/V Technology, and Communications	78	93	73	87	99	86
4. Business, Marketing, and Finance	158	151	142	148	131	146
5. Education and Training	63	49	79	88	138	83
6. Health Science	425	396	443	506	555	465
7. Hospitality and Tourism	64	74	70	95	118	84
8. Human Services	53	56	63	97	112	76
9. Information Technology	26	27	46	68	57	45
10. Law, Public Safety, Corrections, and Security	51	40	40	66	78	55

Table 20 Continued on the Next Page

Table 20 Continued

11. Manufacturing	23	24	13	36	28	25
12. Science, Technology, Engineering, and Mathematics	131	110	120	175	191	145
13. Transportation, Distribution, and Logistics	35	32	22	26	35	30
14. CTE Dual Credit Multi-Category*	-	-	-	12	23	18

*Cluster added in AY2022.

**TABLE 21: UNIVERSITY RETENTION OF K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS WHO ENROLLED IN PUBLIC UNIVERSITY AFTER K-12
GRADUATION AND THEN CONTINUED TO BE ENROLLED IN THE
SUBSEQUENT FALL SEMESTER OF THE SECOND ACADEMIC YEAR**

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*784*	*697*	*758*	*922*	*1,031*	*838*
Gender						
Female	501	471	506	618	687	557
Male	283	226	252	304	344	282
Race						
Black	408	375	356	475	517	426
White	343	287	345	390	450	363
Other	33	35	57	57	64	49
Race & Gender						
Black, Female	288	273	256	339	370	305
Black, Male	120	102	100	136	147	121
White, Female	197	179	214	242	282	223
White, Male	146	108	131	148	168	140
Other, Female	16	19	36	37	35	29
Other, Male	17	16	21	20	29	21
Other Demographics						
1. Economically Disadvantaged	191	159	186	273	367	235
2. Children with Disabilities	<10	<10	<10	<10	16	<10
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	15	28	30	22	39	27
Ecosystem 2	103	83	83	92	105	93
Ecosystem 3	59	53	49	69	62	58
Ecosystem 4	73	63	76	79	124	83
Ecosystem 5	215	161	189	306	327	240
Ecosystem 6	84	73	76	80	88	80
Ecosystem 7	57	49	60	51	50	53
Ecosystem 8	178	187	195	223	236	204
WIOA Region of School						
Delta	74	81	79	91	101	85
MS Partnership	176	146	159	171	229	176
South Central	272	210	249	357	377	293
Twin Districts	262	260	271	303	324	284
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	77	48	37	47	45	51
2. Architecture and Construction	30	27	29	54	45	37
3. Arts, A/V Technology, and Communications	45	46	39	42	55	45
4. Business, Marketing, and Finance	82	73	70	67	76	74
5. Education and Training	41	28	54	48	72	49
6. Health Science	326	298	338	353	416	346
7. Hospitality and Tourism	32	43	37	49	73	47
8. Human Services	26	30	40	83	86	53
9. Information Technology	18	12	16	21	22	18
10. Law, Public Safety, Corrections, and Security	23	24	20	36	37	28

Table 21 Continued on the Next Page

Table 21 Continued

11. Manufacturing	12	10	11	24	16	15
12. Science, Technology, Engineering, and Mathematics	83	62	78	116	120	92
13. Transportation, Distribution, and Logistics	19	17	12	14	16	16
14. CTE Dual Credit Multi-Category*	-	-	-	<10	10	<10

*Cluster added in AY2022.

TABLE 22: COLLEGE ALIGNMENT OF K-12 CTE PARTICIPANTS;
NUMBER OF K-12 CTE PARTICIPANTS WHO ENROLLED IN A MISSISSIPPI COMMUNITY COLLEGE AFTER K-12 GRADUATION AND SUBSEQUENTLY DECLARE A MAJOR THAT IS ALIGNED WITH THEIR K-12 CTE CLUSTER

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*531*	*514*	*394*	*439*	*430*	*462*
Gender						
Female	162	178	108	125	127	140
Male	369	336	286	314	303	322
Race						
Black	241	233	167	173	179	199
White	274	255	208	235	223	239
Other	16	26	19	31	28	24
Race & Gender						
Black, Female	97	111	54	60	68	78
Black, Male	144	122	113	113	111	121
White, Female	58	60	47	55	50	54
White, Male	216	195	161	180	173	185
Other, Female	<10	<10	<10	10	<10	<10
Other, Male	<10	19	12	21	19	16
Other Demographics						
1. Economically Disadvantaged	136	154	163	162	187	160
2. Children with Disabilities	16	18	28	29	31	24
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	14	12	10	13	12	12
Ecosystem 2	74	72	66	75	92	76
Ecosystem 3	24	33	22	18	28	25
Ecosystem 4	54	56	55	44	58	53
Ecosystem 5	74	60	46	59	40	56
Ecosystem 6	81	90	68	80	66	77
Ecosystem 7	55	32	29	28	35	36
Ecosystem 8	155	159	98	122	99	127
WIOA Region of School						
Delta	38	45	32	31	40	37
MS Partnership	128	128	121	119	150	129
South Central	129	92	75	87	75	92
Twin Districts	236	249	166	202	165	204
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	17	19	14	12	15	15
2. Architecture and Construction	102	91	88	87	70	88
3. Arts, A/V Technology, and Communications	28	21	19	11	12	18
4. Business, Marketing, and Finance	44	40	21	30	28	33
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	45	62	18	32	35	38
7. Hospitality and Tourism	38	29	31	28	32	32
8. Human Services	40	42	28	30	28	34
9. Information Technology	<10	24	11	20	27	18
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	<10	<10

Table 22 Continued on the Next Page

Table 22 Continued

11. Manufacturing	123	111	96	120	120	114
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	82	65	61	64	56	66
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*413*	*378*	*304*	*346*	*333*	*355*
Gender						
Female	130	127	83	103	100	109
Male	283	251	221	243	233	246
Race						
Black	172	165	127	127	143	147
White	226	195	160	192	169	188
Other	15	18	17	27	21	20
Race & Gender						
Black, Female	77	77	41	49	55	60
Black, Male	95	88	86	78	88	87
White, Female	46	43	36	45	37	41
White, Male	180	152	124	147	132	147
Other, Female	<10	<10	<10	<10	<10	<10
Other, Male	<10	11	11	18	13	12
Other Demographics						
1. Economically Disadvantaged	108	109	126	131	149	125
2. Children with Disabilities	15	17	23	23	26	21
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	10	<10	<10	10	<10
Ecosystem 2	57	57	41	57	72	57
Ecosystem 3	18	22	15	17	22	19
Ecosystem 4	32	42	38	37	34	37
Ecosystem 5	52	37	37	47	30	41
Ecosystem 6	63	60	54	63	51	58
Ecosystem 7	42	24	25	21	32	29
Ecosystem 8	141	126	86	99	82	107
WIOA Region of School						
Delta	26	32	23	22	32	27
MS Partnership	89	99	79	94	106	93
South Central	94	61	62	68	62	69
Twin Districts	204	186	140	162	133	165
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	15	<10	<10	<10	10	<10
2. Architecture and Construction	82	66	66	69	57	68
3. Arts, A/V Technology, and Communications	24	16	17	11	<10	15
4. Business, Marketing, and Finance	37	35	15	18	23	26
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	27	36	14	27	29	27
7. Hospitality and Tourism	33	24	25	25	26	27
8. Human Services	34	34	21	28	23	28
9. Information Technology	<10	22	<10	16	18	14
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	<10	<10

Table 23 Continued on the Next Page

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Table 23 Continued

11. Manufacturing	94	88	81	93	92	90
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	59	44	46	49	40	48
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

TABLE 24: UNIVERSITY ALIGNMENT OF K-12 CTE PARTICIPANTS;
NUMBER OF K-12 CTE PARTICIPANTS WHO ENROLLED IN A MISSISSIPPI PUBLIC UNIVERSITY AFTER K-12 GRADUATION AND SUBSEQUENTLY DECLARE A MAJOR THAT IS ALIGNED WITH THEIR K-12 CTE CLUSTER

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*424*	*409*	*420*	*502*	*542*	*459*
Gender						
Female	237	245	265	292	335	275
Male	187	164	155	210	207	185
Race						
Black	213	202	177	218	248	212
White	189	182	210	252	260	219
Other	22	25	33	32	34	29
Race & Gender						
Black, Female	141	140	130	148	179	148
Black, Male	72	62	47	70	69	64
White, Female	88	92	118	129	137	113
White, Male	101	90	92	123	123	106
Other, Female	<10	13	17	15	19	14
Other, Male	14	12	16	17	15	15
Other Demographics						
1. Economically Disadvantaged	106	90	125	111	193	125
2. Children with Disabilities	<10	<10	<10	<10	<10	<10
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	10	<10	10	<10	<10
Ecosystem 2	50	57	66	53	74	60
Ecosystem 3	34	18	15	30	24	24
Ecosystem 4	44	49	48	42	55	48
Ecosystem 5	101	93	94	152	173	123
Ecosystem 6	36	43	35	49	50	43
Ecosystem 7	30	20	31	21	22	25
Ecosystem 8	125	119	122	145	135	129
WIOA Region of School						
Delta	38	28	24	40	33	33
MS Partnership	94	106	114	95	129	108
South Central	131	113	125	173	195	147
Twin Districts	161	162	157	194	185	172
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	26	18	16	20	26	21
2. Architecture and Construction	11	15	12	20	12	14
3. Arts, A/V Technology, and Communications	17	19	17	14	12	16
4. Business, Marketing, and Finance	45	46	46	46	43	45
5. Education and Training	29	24	27	34	55	34
6. Health Science	133	138	154	139	167	146
7. Hospitality and Tourism	13	19	<10	15	23	16
8. Human Services	<10	<10	<10	13	12	10
9. Information Technology	16	20	26	49	43	31
10. Law, Public Safety, Corrections, and Security	<10	11	12	17	17	13

Table 24 Continued on the Next Page

Table 24 Continued

11. Manufacturing	<10	<10	<10	<10	<10	<10
12. Science, Technology, Engineering, and Mathematics	111	85	94	130	122	108
13. Transportation, Distribution, and Logistics	<10	<10	<10	<10	<10	<10
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

TABLE 25: UNIVERSITY ALIGNMENT OF K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS WHO ENROLLED IN A MISSISSIPPI PUBLIC UNIVERSITY AFTER K-12
GRADUATION AND SUBSEQUENTLY DECLARE A MAJOR THAT IS ALIGNED WITH THEIR K-12 CTE CLUSTER

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*318*	*297*	*297*	*345*	*380*	*327*
Gender						
Female	176	189	190	213	249	203
Male	142	108	107	132	131	124
Race						
Black	155	153	119	155	171	151
White	146	124	152	168	183	155
Other	17	20	26	22	26	22
Race & Gender						
Black, Female	103	108	88	108	126	107
Black, Male	52	45	31	47	45	44
White, Female	67	70	88	91	106	84
White, Male	79	54	64	77	77	70
Other, Female	<10	11	14	14	17	12
Other, Male	11	<10	12	<10	<10	10
Other Demographics						
1. Economically Disadvantaged	80	72	76	80	130	88
2. Children with Disabilities	<10	<10	<10	<10	<10	<10
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	<10	<10	<10	<10	<10	<10
Ecosystem 2	37	32	36	32	44	36
Ecosystem 3	24	14	10	18	12	16
Ecosystem 4	32	39	37	30	41	36
Ecosystem 5	72	63	72	110	123	88
Ecosystem 6	29	37	27	34	38	33
Ecosystem 7	20	15	17	12	13	15
Ecosystem 8	101	89	94	100	102	97
WIOA Region of School						
Delta	27	22	14	27	19	22
MS Partnership	69	71	73	62	85	72
South Central	92	78	89	122	136	103
Twin Districts	130	126	121	134	140	130
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	21	13	<10	10	15	13
2. Architecture and Construction	<10	12	<10	16	10	11
3. Arts, A/V Technology, and Communications	14	10	11	<10	<10	10
4. Business, Marketing, and Finance	30	29	24	21	30	27
5. Education and Training	22	20	21	21	32	23
6. Health Science	113	118	125	116	146	124
7. Hospitality and Tourism	10	14	<10	11	15	11
8. Human Services	<10	<10	<10	11	<10	<10
9. Information Technology	10	12	14	16	16	14
10. Law, Public Safety, Corrections, and Security	<10	10	<10	12	13	<10

Table 25 Continued on the Next Page

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Table 25 Continued

11. Manufacturing	<10	<10	<10	<10	<10	<10
12. Science, Technology, Engineering, and Mathematics	78	51	66	96	81	74
13. Transportation, Distribution, and Logistics	<10	<10	<10	<10	<10	<10
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

TABLE 26: EMPLOYMENT OF K-12 CTE PARTICIPANTS;
NUMBER OF K-12 CTE PARTICIPANTS EMPLOYED WITHIN ONE YEAR OF K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*2,971*	*3,781*	*3,862*	*3,847*	*3,677*	*3,628*
Gender						
Female	1,150	1,542	1,648	1,617	1,490	1,489
Male	1,821	2,239	2,214	2,230	2,187	2,138
Race						
Black	1,419	1,992	2,015	1,971	1,772	1,834
White	1,425	1,639	1,663	1,676	1,682	1,617
Other	127	150	184	200	223	177
Race & Gender						
Black, Female	638	923	956	922	814	851
Black, Male	781	1,069	1,059	1,049	958	983
White, Female	454	557	616	609	578	563
White, Male	971	1,082	1,047	1,067	1,104	1,054
Other, Female	58	62	76	86	98	76
Other, Male	69	88	108	114	125	101
Other Demographics						
1. Economically Disadvantaged	772	1,217	1,469	1,401	1,477	1,267
2. Children with Disabilities	111	153	209	197	246	183
3. English learner	23	31	45	57	48	41
4. Homeless	25	49	43	33	35	37
Ecosystem of School						
Ecosystem 1	116	149	162	116	129	134
Ecosystem 2	605	727	658	652	648	658
Ecosystem 3	148	211	284	266	168	215
Ecosystem 4	332	438	421	448	436	415
Ecosystem 5	385	566	578	729	665	585
Ecosystem 6	483	545	535	517	549	526
Ecosystem 7	221	292	333	294	247	277
Ecosystem 8	681	853	891	825	835	817
WIOA Region of School						
Delta	264	360	446	382	297	350
MS Partnership	937	1,165	1,079	1,100	1,084	1,073
South Central	606	858	911	1,023	912	862
Twin Districts	1,164	1,398	1,426	1,342	1,384	1,343
Industry						
Accommodation/Leisure	922	1,150	1,183	1,111	1,135	1,100
Administrative and Waste Services	360	428	393	358	245	357
Construction	178	194	194	234	242	208
Educational Services	26	16	22	25	34	25
Financial Activities	19	14	22	32	18	21
Health Care and Social Assistance	111	141	146	161	165	145
Information	<10	10	17	24	13	15
Management of Companies and Enterprises	32	<10	12	11	14	14
Manufacturing	367	523	513	494	454	470
Natural Resources	32	28	37	23	32	30
Other Services (except Public Administration)	51	68	67	92	97	75
Professional, Scientific, and Technical Services	24	30	41	48	52	39

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Table 26 Continued

Public Administration	61	54	53	57	83	62
Transportation and Warehousing	55	124	120	167	129	119
Utilities	<10	<10	<10	11	13	<10
Wholesale/Retail Trade	707	990	1,031	996	948	934
Industry not reported	13	<10	<10	<10	<10	<10
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	607	793	770	723	752	729
2. Architecture and Construction	387	510	470	458	467	458
3. Arts, A/V Technology, and Communications	126	135	190	194	183	166
4. Business, Marketing, and Finance	284	359	340	316	249	310
5. Education and Training	146	180	224	198	210	192
6. Health Science	373	438	491	500	511	463
7. Hospitality and Tourism	236	325	306	319	303	298
8. Human Services	144	236	227	302	248	231
9. Information Technology	53	51	66	83	78	66
10. Law, Public Safety, Corrections, and Security	157	184	208	247	250	209
11. Manufacturing	383	488	494	518	489	474
12. Science, Technology, Engineering, and Mathematics	149	203	211	223	210	199
13. Transportation, Distribution, and Logistics	385	444	383	377	359	390
14. CTE Dual Credit Multi-Category*	-	-	-	75	138	107

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,878*	*2,321*	*2,417*	*2,417*	*2,321*	*2,271*
Gender						
Female	691	935	1,018	983	910	907
Male	1,187	1,386	1,399	1,434	1,411	1,363
Race						
Black	829	1,160	1,212	1,197	1,048	1,089
White	963	1,071	1,097	1,102	1,128	1,072
Other	86	90	108	118	145	109
Race & Gender						
Black, Female	378	550	581	559	487	511
Black, Male	451	610	631	638	561	578
White, Female	275	345	392	370	366	350
White, Male	688	726	705	732	762	723
Other, Female	38	40	45	54	57	47
Other, Male	48	50	63	64	88	63
Other Demographics						
1. Economically Disadvantaged	476	756	924	899	905	792
2. Children with Disabilities	71	80	133	110	147	108
3. English learner	16	21	27	26	33	25
4. Homeless	17	29	24	15	20	21
Ecosystem of School						
Ecosystem 1	71	73	102	74	78	80
Ecosystem 2	385	396	356	385	348	374
Ecosystem 3	94	136	194	165	81	134
Ecosystem 4	189	254	233	245	259	236
Ecosystem 5	226	372	379	484	465	385
Ecosystem 6	311	330	332	327	350	330
Ecosystem 7	127	179	230	196	151	177
Ecosystem 8	475	581	591	541	589	555
WIOA Region of School						
Delta	165	209	296	239	159	214
MS Partnership	574	650	589	630	607	610
South Central	353	551	609	680	616	562
Twin Districts	786	911	923	868	939	885
Industry						
Accommodation/Leisure	556	699	733	693	722	681
Administrative and Waste Services	211	261	222	210	144	210
Construction	128	116	130	152	164	138
Educational Services	17	<10	17	14	20	15
Financial Activities	10	10	16	22	<10	13
Health Care and Social Assistance	68	86	96	92	95	87
Information	<10	<10	12	18	<10	11
Management of Companies and Enterprises	11	<10	<10	<10	<10	<10
Manufacturing	238	317	312	296	297	292
Natural Resources	27	11	24	14	22	20
Other Services (except Public Administration)	40	46	37	65	56	49
Professional, Scientific, and Technical Services	14	23	27	37	38	28

Table 27 Continued on the Next Page

Table 27 Continued

Public Administration	48	36	36	44	54	44
Transportation and Warehousing	28	68	86	103	80	73
Utilities	<10	<10	<10	<10	<10	<10
Wholesale/Retail Trade	464	625	654	642	592	595
Industry not reported	<10	<10	<10	<10	<10	<10
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	315	344	323	292	305	316
2. Architecture and Construction	245	322	292	293	258	282
3. Arts, A/V Technology, and Communications	71	75	103	100	96	89
4. Business, Marketing, and Finance	139	198	178	147	136	160
5. Education and Training	85	121	145	110	118	116
6. Health Science	227	272	320	287	302	282
7. Hospitality and Tourism	145	175	166	167	167	164
8. Human Services	95	143	153	232	186	162
9. Information Technology	28	29	26	31	29	29
10. Law, Public Safety, Corrections, and Security	63	93	114	151	132	111
11. Manufacturing	259	297	325	332	313	305
12. Science, Technology, Engineering, and Mathematics	56	84	95	101	113	90
13. Transportation, Distribution, and Logistics	225	247	241	233	217	233
14. CTE Dual Credit Multi-Category*	-	-	-	44	89	67

*Cluster added in AY2022.

TABLE 28: MEDIAN ANNUAL EARNINGS OF EMPLOYED K-12 CTE PARTICIPANTS; EARNINGS OF K-12 CTE PARTICIPANTS WHO ARE EMPLOYED WITHIN ONE YEAR OF K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*$11,965*	*$13,010*	*$14,534*	*$15,338*	*$16,274*	*$14,208*
Gender						
Female	$9,902	$10,067	$12,474	$11,740	$12,580	$11,418
Male	$14,103	$15,498	$17,575	$18,772	$20,643	$17,177
Race						
Black	$10,354	$11,135	$12,820	$13,456	$13,507	$12,197
White	$13,930	$15,789	$17,388	$17,631	$18,721	$16,640
Other	$12,052	$15,734	$18,722	$17,880	$18,384	$17,050
Race & Gender						
Black, Female	$9,802	$9,656	$12,148	$11,602	$11,875	$11,048
Black, Male	$11,031	$12,384	$13,855	$15,345	$15,742	$13,569
White, Female	$9,739	$10,676	$12,618	$11,719	$12,942	$11,689
White, Male	$16,489	$18,711	$21,439	$23,993	$24,504	$20,842
Other, Female	$11,347	$12,454	$14,477	$16,844	$14,409	$13,845
Other, Male	$12,995	$21,361	$23,673	$19,233	$20,820	$20,194
Other Demographics						
1. Economically Disadvantaged	$11,669	$11,884	$14,665	$14,865	$16,073	$13,988
2. Children with Disabilities	$13,828	$15,795	$13,846	$15,869	$17,608	$15,468
3. English learner	$15,857	$14,303	$26,707	$19,648	$20,989	$19,648
4. Homeless	$9,116	$11,548	$16,999	$15,134	$17,518	$13,554
Ecosystem of School						
Ecosystem 1	$11,191	$11,507	$13,105	$13,316	$18,200	$12,828
Ecosystem 2	$12,011	$14,293	$17,690	$18,050	$18,429	$16,185
Ecosystem 3	$8,114	$9,399	$11,512	$11,799	$13,903	$10,804
Ecosystem 4	$11,772	$12,831	$15,002	$15,002	$17,382	$14,398
Ecosystem 5	$11,561	$11,692	$14,206	$15,225	$14,266	$13,565
Ecosystem 6	$13,055	$14,161	$14,175	$15,915	$17,232	$14,919
Ecosystem 7	$11,669	$12,566	$13,793	$13,723	$13,706	$13,203
Ecosystem 8	$12,539	$13,214	$14,621	$15,493	$16,589	$14,527
WIOA Region of School						
Delta	$9,064	$9,857	$12,182	$12,425	$14,900	$11,573
MS Partnership	$11,950	$13,740	$16,750	$16,995	$17,868	$15,429
South Central	$11,569	$12,048	$14,081	$14,510	$13,875	$13,437
Twin Districts	$12,578	$13,532	$14,553	$15,709	$16,823	$14,665
Industry						
Accommodation/Leisure	$9,346	$9,758	$12,039	$12,004	$11,865	$10,975
Administrative and Waste Services	$9,497	$12,754	$14,039	$16,201	$15,864	$13,155
Construction	$23,864	$22,675	$27,597	$32,642	$33,378	$28,320
Educational Services	$6,714	$9,297	$18,986	$17,911	$12,127	$15,010
Financial Activities	$15,827	$15,485	$15,407	$25,468	$17,768	$18,351
Health Care and Social Assistance	$12,110	$11,607	$12,139	$15,194	$15,447	$13,132
Information	---	$8,619	$6,717	$13,032	$14,104	$10,404
Management of Companies and Enterprises	$9,344	---	$10,724	$14,499	$12,028	$9,556
Manufacturing	$19,768	$21,720	$23,428	$23,868	$27,461	$23,448
Natural Resources	$17,875	$17,610	$28,694	$40,311	$23,992	$25,230
Other Services (except Public Administration)	$16,198	$17,640	$20,299	$20,503	$22,315	$19,589
Professional, Scientific, and Technical Services	$12,723	$15,605	$17,972	$10,387	$14,320	$14,257

Table 28 Continued on the Next Page

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Table 28 Continued

Public Administration	$13,907	$19,021	$23,932	$26,646	$24,998	$22,338
Transportation and Warehousing	$11,667	$13,745	$17,035	$17,522	$28,221	$17,100
Utilities	---	---	---	$34,640	$25,943	---
Wholesale/Retail Trade	$12,940	$13,039	$14,241	$14,023	$15,903	$14,039
Industry not reported	$16,000	---	---	---	---	---
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	$14,208	$15,679	$17,726	$19,199	$20,643	$17,547
2. Architecture and Construction	$12,951	$15,312	$17,965	$17,610	$19,894	$16,495
3. Arts, A/V Technology, and Communications	$9,505	$11,558	$13,446	$12,808	$13,209	$12,349
4. Business, Marketing, and Finance	$11,076	$10,597	$13,295	$13,339	$14,263	$12,506
5. Education and Training	$8,482	$9,847	$11,761	$11,586	$12,488	$11,123
6. Health Science	$10,296	$9,033	$11,634	$10,599	$10,526	$10,552
7. Hospitality and Tourism	$11,561	$11,082	$12,988	$13,709	$13,146	$12,290
8. Human Services	$8,995	$10,203	$11,318	$13,179	$13,544	$11,780
9. Information Technology	$14,477	$11,514	$11,226	$15,990	$13,287	$12,970
10. Law, Public Safety, Corrections, and Security	$11,027	$12,902	$12,946	$15,858	$14,344	$13,460
11. Manufacturing	$15,162	$17,369	$19,719	$21,250	$24,761	$19,719
12. Science, Technology, Engineering, and Mathematics	$11,319	$12,120	$14,408	$14,953	$15,737	$13,797
13. Transportation, Distribution, and Logistics	$13,820	$15,832	$20,640	$20,958	$20,817	$18,073
14. CTE Dual Credit Multi-Category*	-	-	-	$17,911	$19,746	$19,440

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*$12,751*	*$13,564*	*$14,926*	*$15,848*	*$16,776*	*$14,782*
Gender						
Female	$11,013	$10,278	$12,341	$11,928	$12,600	$11,652
Male	$14,670	$16,270	$18,392	$20,465	$21,116	$18,024
Race						
Black	$11,087	$11,357	$12,755	$13,909	$13,604	$12,508
White	$15,142	$16,650	$17,802	$18,608	$20,024	$17,379
Other	$12,214	$15,434	$18,331	$17,563	$18,173	$16,785
Race & Gender						
Black, Female	$10,890	$9,842	$11,654	$11,780	$12,341	$11,310
Black, Male	$11,161	$12,996	$13,913	$15,980	$15,245	$13,805
White, Female	$10,999	$11,268	$12,728	$11,632	$12,693	$11,918
White, Male	$17,528	$18,969	$22,366	$24,924	$25,086	$21,659
Other, Female	$11,964	$12,108	$13,597	$16,844	$13,243	$13,799
Other, Male	$12,298	$21,624	$24,611	$20,194	$20,290	$20,589
Other Demographics						
1. Economically Disadvantaged	$13,203	$12,831	$15,651	$15,083	$16,408	$14,773
2. Children with Disabilities	$15,464	$15,672	$14,362	$15,562	$18,509	$16,400
3. English learner	$16,751	$12,251	$27,934	$20,589	$20,167	$19,518
4. Homeless	$11,573	$12,084	$16,355	$15,531	$17,314	$13,554
Ecosystem of School						
Ecosystem 1	$12,919	$12,807	$12,904	$13,316	$18,200	$13,316
Ecosystem 2	$13,593	$16,131	$18,265	$18,255	$20,893	$17,052
Ecosystem 3	$8,264	$9,088	$10,951	$14,205	$12,723	$11,134
Ecosystem 4	$13,965	$15,519	$16,595	$15,946	$18,169	$15,911
Ecosystem 5	$11,795	$11,610	$13,946	$15,862	$14,733	$13,852
Ecosystem 6	$14,075	$13,560	$16,177	$17,323	$17,063	$15,647
Ecosystem 7	$11,669	$13,313	$15,750	$12,956	$14,052	$13,675
Ecosystem 8	$13,829	$14,242	$14,752	$15,858	$16,815	$15,179
WIOA Region of School						
Delta	$10,426	$9,842	$11,687	$14,096	$13,903	$11,994
MS Partnership	$13,688	$15,659	$17,507	$17,464	$20,137	$16,491
South Central	$11,732	$12,215	$14,302	$14,734	$14,569	$13,758
Twin Districts	$13,829	$13,944	$15,344	$16,098	$16,863	$15,289
Industry						
Accommodation/Leisure	$9,679	$9,698	$11,739	$12,577	$12,096	$11,058
Administrative and Waste Services	$10,252	$13,339	$13,430	$17,448	$18,678	$13,783
Construction	$26,885	$22,729	$28,269	$34,723	$33,648	$29,018
Educational Services	$29,380	---	$10,808	$28,351	$7,936	$17,960
Financial Activities	$16,476	$18,462	$15,407	$24,019	---	$18,885
Health Care and Social Assistance	$12,630	$9,974	$12,058	$14,284	$15,889	$12,804
Information	---	---	$8,702	$10,396	---	$10,404
Management of Companies and Enterprises	$10,182	---	---	---	---	---
Manufacturing	$22,123	$24,138	$25,548	$26,850	$28,823	$25,326
Natural Resources	$17,353	$29,876	$28,040	$42,432	$25,713	$28,003
Other Services (except Public Administration)	$16,999	$18,128	$23,289	$21,586	$21,078	$19,953
Professional, Scientific, and Technical Services	$14,151	$16,320	$20,302	$10,622	$16,044	$15,605

Table 29 Continued on the Next Page

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Table 29 Continued

Public Administration	$13,907	$22,391	$23,000	$31,690	$23,760	$22,991
Transportation and Warehousing	$10,436	$14,509	$17,279	$18,800	$26,355	$17,351
Utilities	---	---	---	---	---	---
Wholesale/Retail Trade	$13,475	$14,925	$14,766	$13,910	$16,047	$14,656
Industry not reported	---	---	---	---	---	---
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	$16,672	$16,952	$20,026	$20,503	$21,303	$18,894
2. Architecture and Construction	$12,400	$16,420	$18,331	$17,786	$19,820	$17,000
3. Arts, A/V Technology, and Communications	$10,064	$12,132	$13,307	$14,220	$12,213	$12,705
4. Business, Marketing, and Finance	$12,684	$11,303	$12,981	$11,895	$16,041	$13,018
5. Education and Training	$11,367	$9,077	$10,812	$11,729	$15,068	$11,381
6. Health Science	$11,482	$8,887	$11,062	$10,396	$10,055	$10,304
7. Hospitality and Tourism	$11,876	$11,629	$12,755	$14,077	$12,454	$12,454
8. Human Services	$8,783	$11,135	$11,318	$13,644	$13,461	$12,011
9. Information Technology	$14,066	$8,224	$11,963	$14,269	$15,995	$13,369
10. Law, Public Safety, Corrections, and Security	$12,494	$12,637	$14,112	$16,360	$15,478	$14,445
11. Manufacturing	$16,023	$17,622	$21,356	$23,820	$25,641	$20,834
12. Science, Technology, Engineering, and Mathematics	$11,024	$12,221	$14,158	$14,473	$13,877	$13,586
13. Transportation, Distribution, and Logistics	$15,297	$16,351	$21,147	$21,813	$20,668	$19,200
14. CTE Dual Credit Multi-Category*	-	-	-	$21,006	$20,587	$20,587

*Cluster added in AY2022.

TABLE 30: WORKFORCE ALIGNMENT OF K-12 CTE PARTICIPANTS; NUMBER OF K-12 CTE PARTICIPANTS WHO ARE EMPLOYED IN AN ALIGNED INDUSTRY WITHIN ONE YEAR OF K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*733*	*926*	*925*	*944*	*916*	*889*
Gender						
Female	243	336	339	315	310	309
Male	490	590	586	629	606	580
Race						
Black	325	453	447	424	406	411
White	370	443	439	474	463	438
Other	38	30	39	46	47	40
Race & Gender						
Black, Female	127	192	195	176	174	173
Black, Male	198	261	252	248	232	238
White, Female	97	135	132	121	118	121
White, Male	273	308	307	353	345	317
Other, Female	19	<10	12	18	18	15
Other, Male	19	21	27	28	29	25
Other Demographics						
1. Economically Disadvantaged	183	302	356	326	367	307
2. Children with Disabilities	32	51	43	53	60	48
3. English learner	10	<10	10	16	14	12
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	27	32	35	26	24	29
Ecosystem 2	140	161	154	179	177	162
Ecosystem 3	37	45	48	46	36	42
Ecosystem 4	104	132	103	120	113	114
Ecosystem 5	91	138	141	156	150	135
Ecosystem 6	126	130	115	120	123	123
Ecosystem 7	38	56	72	73	53	58
Ecosystem 8	170	232	257	224	240	225
WIOA Region of School						
Delta	64	77	83	72	60	71
MS Partnership	244	293	257	299	290	277
South Central	129	194	213	229	203	194
Twin Districts	296	362	372	344	363	347
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	86	103	96	97	123	101
2. Architecture and Construction	34	35	57	46	52	45
3. Arts, A/V Technology, and Communications	<10	<10	<10	<10	10	<10
4. Business, Marketing, and Finance	83	94	107	93	71	90
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	31	44	43	45	49	42
7. Hospitality and Tourism	168	237	217	223	229	215
8. Human Services	12	18	30	19	24	21
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	24	29	37	33	28	30

Table 30 Continued on the Next Page

Table 30 Continued

11. Manufacturing	85	109	108	123	106	106
12. Science, Technology, Engineering, and Mathematics	49	59	67	70	60	61
13. Transportation, Distribution, and Logistics	175	208	169	202	175	186
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

TABLE 31: WORKFORCE ALIGNMENT OF K-12 CTE CONCENTRATORS; NUMBER OF K-12 CTE CONCENTRATORS WHO ARE EMPLOYED IN AN ALIGNED INDUSTRY WITHIN ONE YEAR OF K-12 GRADUATION

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*453*	*531*	*564*	*544*	*543*	*527*
Gender						
Female	140	205	199	176	176	179
Male	313	326	365	368	367	348
Race						
Black	171	255	253	223	225	225
White	256	260	288	291	289	277
Other	26	16	23	30	29	25
Race & Gender						
Black, Female	73	118	112	95	96	99
Black, Male	98	137	141	128	129	127
White, Female	57	82	79	72	71	72
White, Male	199	178	209	219	218	205
Other, Female	10	<10	<10	<10	<10	<10
Other, Male	16	11	15	21	20	17
Other Demographics						
1. Economically Disadvantaged	112	173	209	186	207	177
2. Children with Disabilities	18	26	27	30	35	27
3. English learner	<10	<10	<10	<10	10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	16	15	20	12	14	15
Ecosystem 2	83	82	86	101	92	89
Ecosystem 3	22	26	30	29	12	24
Ecosystem 4	53	57	41	58	68	55
Ecosystem 5	48	91	89	83	81	78
Ecosystem 6	85	81	78	72	67	77
Ecosystem 7	19	31	51	42	29	34
Ecosystem 8	127	148	169	147	180	154
WIOA Region of School						
Delta	38	41	50	41	26	39
MS Partnership	136	139	127	159	160	144
South Central	67	122	140	125	110	113
Twin Districts	212	229	247	219	247	231
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	54	50	50	44	57	51
2. Architecture and Construction	28	25	43	33	30	32
3. Arts, A/V Technology, and Communications	<10	<10	<10	<10	<10	<10
4. Business, Marketing, and Finance	44	54	69	45	41	51
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	19	25	27	24	27	24
7. Hospitality and Tourism	109	137	123	123	129	124
8. Human Services	11	13	21	18	16	16
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	11	15	16	20	11	15

Table 31 Continued on the Next Page

Table 31 Continued

11. Manufacturing	62	70	84	79	83	76
12. Science, Technology, Engineering, and Mathematics	16	20	26	26	32	24
13. Transportation, Distribution, and Logistics	102	124	102	129	114	114
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

*Cluster added in AY2022. Alignment is not examined as the cluster is multi-industry.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*1,436*	*1,762*	*1,274*	*1,214*	*1,070*	*1,351*
Gender						
Female	688	875	639	594	528	665
Male	748	887	635	620	542	686
Race						
Black	950	1,317	1,004	945	807	1,005
White	429	391	227	224	211	296
Other	57	54	43	45	52	50
Race & Gender						
Black, Female	469	683	522	464	411	510
Black, Male	481	634	482	481	396	495
White, Female	186	164	101	105	92	130
White, Male	243	227	126	119	119	167
Other, Female	33	28	16	25	25	25
Other, Male	24	26	27	20	27	25
Other Demographics						
1. Economically Disadvantaged	432	652	548	510	494	527
2. Children with Disabilities	57	79	93	71	89	78
3. English learner	10	<10	<10	13	16	10
4. Homeless	21	36	22	17	17	23
Ecosystem of School						
Ecosystem 1	79	104	79	51	64	75
Ecosystem 2	201	234	116	110	100	152
Ecosystem 3	157	182	182	194	126	168
Ecosystem 4	180	219	143	154	149	169
Ecosystem 5	197	309	232	266	198	240
Ecosystem 6	193	239	165	135	146	176
Ecosystem 7	136	163	147	122	97	133
Ecosystem 8	293	312	210	182	190	237
WIOA Region of School						
Delta	236	286	261	245	190	244
MS Partnership	381	453	259	264	249	321
South Central	333	472	379	388	295	373
Twin Districts	486	551	375	317	336	413
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	218	278	206	159	179	208
2. Architecture and Construction	207	243	158	156	114	176
3. Arts, A/V Technology, and Communications	57	74	71	68	59	66
4. Business, Marketing, and Finance	169	201	133	107	86	139
5. Education and Training	86	100	90	79	81	87
6. Health Science	157	220	151	155	144	165
7. Hospitality and Tourism	132	169	100	111	109	124
8. Human Services	100	156	97	150	113	123
9. Information Technology	23	18	35	24	21	24
10. Law, Public Safety, Corrections, and Security	91	102	87	81	96	91
11. Manufacturing	145	177	128	147	109	141

Table 32 Continued on the Next Page

Table 32 Continued

12. Science, Technology, Engineering, and Mathematics	85	85	61	70	60	72
13. Transportation, Distribution, and Logistics	162	177	106	91	88	125
14. CTE Dual Credit Multi-Category*	-	-	-	16	44	30
Data after this point will not sum to total row due to students enrolling in multiple programs						
Public Assistance						
SNAP	1,018	1,279	1,244	1,185	1,056	1,156
TANF	14	11	10	<10	<10	10
UI	667	781	48	44	24	313

*Cluster added in AY2022.

	Year Student Graduated from K-12					
	AY2019	AY2020	AY2021	AY2022	AY2023	Average
Total	*885*	*1,034*	*767*	*734*	*645*	*813*
Gender						
Female	413	519	394	356	309	398
Male	472	515	373	378	336	415
Race						
Black	567	754	599	565	472	591
White	280	248	151	141	139	192
Other	38	32	17	28	34	30
Race & Gender						
Black, Female	281	402	323	279	237	304
Black, Male	286	352	276	286	235	287
White, Female	112	100	68	64	57	80
White, Male	168	148	83	77	82	112
Other, Female	20	17	<10	13	15	14
Other, Male	18	15	14	15	19	16
Other Demographics						
1. Economically Disadvantaged	262	393	330	311	305	320
2. Children with Disabilities	31	39	61	39	53	45
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	12	19	14	<10	10	12
Ecosystem of School						
Ecosystem 1	50	46	50	26	35	41
Ecosystem 2	114	111	65	57	46	79
Ecosystem 3	104	122	124	123	58	106
Ecosystem 4	97	113	66	86	82	89
Ecosystem 5	116	201	152	184	148	160
Ecosystem 6	127	132	81	69	88	99
Ecosystem 7	75	96	96	74	59	80
Ecosystem 8	202	213	133	115	129	158
WIOA Region of School						
Delta	154	168	174	149	93	148
MS Partnership	211	224	131	143	128	167
South Central	191	297	248	258	207	240
Twin Districts	329	345	214	184	217	258
Data after this point will not sum to total row due to students enrolling in multiple programs						
CTE Clusters						
1. Agriculture, Food, and Natural Resources	115	105	84	67	60	86
2. Architecture and Construction	120	147	94	90	66	103
3. Arts, A/V Technology, and Communications	33	36	41	35	29	35
4. Business, Marketing, and Finance	83	106	71	51	47	72
5. Education and Training	53	67	59	46	45	54
6. Health Science	88	122	92	85	76	93
7. Hospitality and Tourism	81	85	56	54	52	66
8. Human Services	72	103	70	114	85	89
9. Information Technology	15	10	12	<10	<10	10
10. Law, Public Safety, Corrections, and Security	38	48	45	42	50	45
11. Manufacturing	95	104	71	85	63	84

Table 33 Continued on the Next Page

Table 33 Continued

12. Science, Technology, Engineering, and Mathematics	30	33	27	19	30	28
13. Transportation, Distribution, and Logistics	88	90	59	58	45	68
14. CTE Dual Credit Multi-Category*	-	-	-	<10	29	18
Data after this point will not sum to total row due to students enrolling in multiple programs						
Public Assistance						
SNAP	620	749	749	716	635	694
TANF	11	<10	<10	<10	<10	<10
UI	411	466	32	29	17	191

*Cluster added in AY2022.

APPENDIX A: CTE COURSE CROSSWALK

TABLE 34: COMMUNITY COLLEGE CTE CLUSTER CROSSWALK

CIP Code	Course Title
1. Agriculture, Food, and Natural Resources	
010102	Agribusiness/Agricultural Business Operations
010201	Agricultural Mechanization, General
010299	Agricultural Mechanization, Other
010302	Animal/Livestock Husbandry and Production
010304	Crop Production
010601	Applied Horticulture/Horticulture Operations, General
010605	Landscaping and Groundskeeping
010607	Turf and Turfgrass Management
010907	Poultry Science
011105	Plant Protection and Integrated Pest Management
030511	Forest Technology/Technician
120506	Meat Cutting/Meat Cutter
510808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant
2. Architecture and Construction	
150101	Architectural Engineering Technology/Technician
150303	Electrical, Electronic and Communications Engineering Technology
150305	Telecommunications Technology/Technician
151001	Construction Engineering Technology/Technician
151102	Surveying Technology/Surveying
151301	Drafting and Design Technology/Technician, General
430303	Utility Line Worker
450702	Geographic Information Science and Cartography
460101	Mason/Masonry
460201	Carpentry/Carpenter
460301	Electrical and Power Transmission Installation/Installer, General
460302	Electrician
460303	Lineworker
460401	Building/Property Maintenance
460503	Plumbing Technology/Plumber
460504	Well Drilling/Driller
470101	Electrical/Electronics Equipment Installation and Repair, General
470105	Industrial Electronics Technology/Technician
470201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation
521804	Selling Skills and Sales Operations

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Table 34 Continued

3. Arts, A/V Technology, and Communications

100201	Photographic and Film/Video Technology/Technician and Assistant
100202	Radio and Television Broadcasting Technology/Technician
100299	Audiovisual Communications Technologies/Technicians, Other
110801	Web Page, Digital/Multimedia and Information Resources Design
500409	Graphic Design
500411	Game and Interactive Media Design

4. Business, Marketing, and Finance

161603	Sign Language Interpretation and Translation
500408	Interior Designers
510707	Health Information/Medical Records Technology/Technician
510713	Medical Insurance Coding Specialist/Coder
510716	Medical Administrative/Executive Assistant and Medical Secretary
510799	Health and Medical Administrative Services, Other
520201	Business Administration and Management, General
520208	E-Commerce/Electronic Commerce
520302	Accounting Technology/Technician and Bookkeeping
520401	Administrative Assistant and Secretarial Science, General
520407	Business/Office Automation/Technology/Data Entry
520701	Entrepreneurship/Entrepreneurial Studies
520803	Banking and Financial Support Services
521401	Marketing/Marketing Management, General
521501	Real Estate
521902	Fashion Merchandising

5. Education and Training

No Alignment with Community College Academic Majors

6. Health Science

510601	Dental Assisting/Assistant
510602	Dental Hygiene/Hygienist
510801	Medical/Clinical Assistant
510803	Occupational Therapist Assistant
510805	Pharmacy Technician/Assistant
510806	Physical Therapy Technician/Assistant
510901	Cardiovascular Technology/Technologist
510904	Emergency Medical Technology/Technician (EMT Paramedic)
510908	Respiratory Care Therapy/Therapist
510909	Surgical Technology/Technologist
510910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
510911	Radiologic Technology/Science - Radiographer
510917	Polysomnography
511004	Clinical/Medical Laboratory Technician
511801	Opticianry/Ophthalmic Dispensing Optician

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Table 34 Continued

512299   Public Health, Other

513501   Massage Therapy/Therapeutic Massage

513901   Licensed Practical/Vocational Nurse Training

513902   Nursing Assistant/Aide and Patient Care Assistant/Aide

7. Hospitality and Tourism

120500   Culinary Arts and Related Services

120501   Baking and Pastry Arts/Baker/Pastry Chef

120508   Institutional Food Workers

520901   Hospitality Administration/Management, General

520903   Tourism and Travel Services Management

8. Human Services

120301   Funeral Service Technology

120402   Barbering/Barber

120409   Aesthetician/Esthetician and Skin Care Specialist

120410   Nail Technician/Specialist and Manicurist

120413   Cosmetology, Barber/Styling, and Nail Instructor

190709   Child Care Provider/Assistant

9. Information Technology

110201   Computer Programming/Programmer, General

110202   Computer Programming, Specific Applications

110802   Data Modeling/Warehousing and Database Administration

110901   Computer Systems Networking and Telecommunications

111003   Computer and Information Systems Security/Information Assurance

470104   Computer Installation and Repair Technology/Technician

520407   Business/Office Automation/Technology/Data Entry

521302   Business Statistics

10. Law, Public Safety, Corrections, and Security

030208   Natural Resources Law Enforcement and Protective Services

220302   Legal Assistant/Paralegal

220303   Court Reporting/Court Reporter

430199   Corrections and Criminal Justice, Other

430203   Fire Science/Fire-fighting

430106   Crime Scene Technician

439999   Homeland Security, Law Enforcement, Firefighting and Related

11. Manufacturing

141901   Mechanical Engineering

144201   Mechatronics, Robotics, and Automation Engineering

150404   Instrumentation Technology/Technician

150406   Automation Engineer Technology/Technician

150499   Electromechanical and Instrumentation and Maintenance Technology

150612   Industrial Technology/Technician

150613   Manufacturing Engineering Technology/Technician

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150699	Industrial Production Technologies/Technicians, Other
150701	Occupational Safety and Health Technology/Technician
150903	Petroleum Technology/Technician
190905	Clothing and Textile Service
460502	Pipefitting/Pipefitter and Sprinkler Fitter
469999	Construction Trades, Other
470303	Industrial Mechanics and Maintenance Technology
480501	Machine Tool Technology/Machinist
480508	Welding Technology/Welder
489999	Precision Production, Other

12. Science, Technology, Engineering, and Mathematics

110804	Modeling, Virtual Environments and Simulation
150201	Civil Engineering Technology/Technician
151001	Construction Engineering Technology/Technician
151501	Engineering/Industrial Management
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation

13. Transportation, Distribution, and Logistics

430301	Homeland Security
470702	Hydrography Technology
470302	Heavy Equipment Maintenance Technology/Technician
470603	Autobody/Collision and Repair Technology/Technician
470604	Automobile/Automotive Mechanics Technology/Technician
470605	Diesel Mechanics Technology/Technician
470607	Aviation Maintenance Technology
470615	Engine Machinist
490101	Aeronautics/Aviation/Aerospace Science and Technology, General
490104	Aviation/Airway Management and Operations
490105	Air Traffic Controller
490205	Commercial Truck Driving
490399	Marine Transportation, Other
520203	Logistics, Materials, and Supply Chain Management
521907	Vehicle and Vehicle Parts and Accessories Marketing Operations

CIP Code	Course Title
1. Agriculture, Food, and Natural Resources	
010000	Agriculture, Agriculture Operations, and Related Sciences
010101	Agricultural Business and Management, General
010102	Agribusiness/Agricultural Business Operations
010103	Agricultural Economics
010308	Agroecology and Sustainable Agriculture
010605	Landscaping and Groundskeeping
010901	Animal Sciences, General
010907	Poultry Science
011001	Food Science
011102	Agronomy and Crop Science
011103	Horticultural Science
030101	Natural Resources/Conservation, General
030502	Forest Sciences and Biology
030601	Wildlife, Fish and Wildlands Science and Management
040201	Architecture
040501	Interior Architecture
040601	Landscape Architecture
150101	Architectural Engineering Technology/Technician
150303	Electrical, Electronic and Communications Engineering Technology
150405	Robotics Technology/Technician
150612	Industrial Technology/Technician
150699	Industrial Production Technologies/Technicians, Other
151201	Computer Engineering Technology/Technician
490101	Aeronautics/Aviation/Aerospace Science and Technology, General
490102	Airline/Commercial/Professional Pilot and Flight Crew
522001	Construction Management
2. Architecture and Construction	
010000	Agriculture, Agriculture Operations, and Related Sciences
010101	Agricultural Business and Management, General
010102	Agribusiness/Agricultural Business Operations
010103	Agricultural Economics
010308	Agroecology and Sustainable Agriculture
010605	Landscaping and Groundskeeping
010901	Animal Sciences, General
010907	Poultry Science
011001	Food Science
011102	Agronomy and Crop Science
011103	Horticultural Science
030101	Natural Resources/Conservation, General

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030502	Forest Sciences and Biology
030601	Wildlife, Fish and Wildlands Science and Management
040201	Architecture
040501	Interior Architecture
040601	Landscape Architecture
150101	Architectural Engineering Technology/Technician
150303	Electrical, Electronic and Communications Engineering Technology
150405	Robotics Technology/Technician
150612	Industrial Technology/Technician
150699	Industrial Production Technologies/Technicians, Other
151201	Computer Engineering Technology/Technician
490101	Aeronautics/Aviation/Aerospace Science and Technology, General
490102	Airline/Commercial/Professional Pilot and Flight Crew
522001	Construction Management

3. Arts, A/V Technology, and Communications

090101	Speech Communication and Rhetoric
090102	Mass Communication/Media Studies
090401	Journalism
090702	Digital Communication and Media/Multimedia
090902	Public Relations/Image Management
090903	Advertising
160101	Foreign Languages and Literatures, General
160102	Linguistics
160301	Chinese Language and Literature
160501	German Language and Literature
160901	French Language and Literature
160905	Spanish Language and Literature
161200	Classics and Classical Languages, Literatures, and Linguistics
240101	Liberal Arts and Sciences/Liberal Studies
240102	General Studies
309999	Multi-/Interdisciplinary Studies, Other
380101	Philosophy
450101	Social Sciences, General
450201	Anthropology
450701	Geography
451101	Sociology
500101	Visual and Performing Arts, General
500102	Digital Arts
500301	Dance, General
500501	Drama and Dramatics/Theatre Arts, General
500703	Art History, Criticism and Conservation
500901	Music, General

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Table 35 Continued

501003	Music Management
540101	History, General

4. Business, Marketing, and Finance

190901	Apparel and Textiles, General
450600	Economics
450901	International Relations and Affairs
520101	Business/Commerce, General
520201	Business Administration and Management, General
520301	Accounting
520701	Entrepreneurship/Entrepreneurial Studies
520801	Finance, General
521001	Human Resources Management/Personnel Administration, General
521101	International Business/Trade/Commerce
521201	Management Information Systems, General
521401	Marketing/Marketing Management, General
521499	Marketing, Other
521501	Real Estate
521701	Insurance
521902	Fashion Merchandising
529999	Business, Management, Marketing, and Related Support Service

5. Education and Training

050102	American/United States Studies/Civilization
050122	Regional Studies (US, Canadian, Foreign)
050201	African-American/Black Studies
050207	Women's Studies
131001	Special Education and Teaching, General
131003	Education/Teaching of Individuals with Hearing Impairments Including Deafness
131202	Elementary Education and Teaching
131205	Secondary Education and Teaching
131209	Kindergarten/Preschool Education and Teaching
131301	Agricultural Teacher Education
131303	Business Teacher Education
131305	English/Language Arts Teacher Education
131311	Mathematics Teacher Education
131312	Music Teacher Education
131314	Physical Education Teaching and Coaching
131316	Science Teacher Education/General Science Teacher Education
131317	Social Science Teacher Education
131399	Teacher Education and Professional Development, Specific Subject Areas
139999	Education, Other
190101	Family and Consumer Sciences/Human Sciences, General

Table 35 Continued

190701	Human Development and Family Studies, General
190704	Family Systems
190706	Child Development
230101	English Language and Literature, General
250101	Library and Information Science
310501	Health and Physical Education/Fitness, General
310504	Sport and Fitness Administration/Management
310505	Kinesiology and Exercise Science
422806	Educational Psychology

6. Health Science

190101	Family and Consumer Sciences/Human Sciences, General
190501	Foods, Nutrition, and Wellness Studies, General
510000	Health Professions and Related Programs
510201	Communication Sciences and Disorders, General
510203	Speech-Language Pathology/Pathologist
510204	Audiology/Audiologist and Speech-Language Pathology
510602	Dental Hygiene/Hygienist
510701	Health/Health Care Administration/Management
510706	Health Information/Medical Records Administration
510808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant
510911	Radiologic Technology/Science - Radiographer
510913	Athletic Training/Trainer
511005	Clinical Laboratory Science/Medical Technology/Technologist
511007	Histologic Technology/Histotechnologist
512005	Natural Products Chemistry and Pharmacognosy
512010	Pharmaceutical Sciences
512201	Public Health, General
512202	Environmental Health
512207	Public Health Education and Promotion
513101	Dietetics/Dietitian
513801	Registered Nursing/Registered Nurse
513899	Registered Nursing, Nursing Administration, Nursing Research
519999	Health Professions and Related Clinical Sciences, Other

7. Hospitality and Tourism

120509	Culinary Science/Culinology
120599	Culinary Arts and Related Services, Other
310101	Parks, Recreation and Leisure Studies
310301	Parks, Recreation and Leisure Facilities Management, General
420101	Psychology, General
440701	Social Work
520901	Hospitality Administration/Management, General
520904	Hotel/Motel Administration/Management

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8. Human Services

120509	Culinary Science/Culinology
120599	Culinary Arts and Related Services, Other
310101	Parks, Recreation and Leisure Studies
310301	Parks, Recreation and Leisure Facilities Management, General
420101	Psychology, General
440701	Social Work
520901	Hospitality Administration/Management, General
520904	Hotel/Motel Administration/Management

9. Information Technology

110101	Computer and Information Sciences, General
110301	Data Processing and Data Processing Technology/Technician
111002	System, Networking, and LAN/WAN Management/Manager
111003	Computer and Information Systems Security/Information Assurance
140101	Engineering, General
140201	Aerospace, Aeronautical and Astronautical/Space Engineering
140501	Bioengineering and Biomedical Engineering
140701	Chemical Engineering
140801	Civil Engineering, General
140901	Computer Engineering, General
141001	Electrical and Electronics Engineering
141901	Mechanical Engineering
142401	Ocean Engineering
142501	Petroleum Engineering
143201	Polymer/Plastics Engineering
143501	Industrial Engineering
143901	Geological/Geophysical Engineering
149999	Engineering, Other
260101	Biology/Biological Sciences, General
260202	Biochemistry
260503	Medical Microbiology and Bacteriology
261302	Marine Biology and Biological Oceanography
270101	Mathematics, General
270501	Statistics, General
299999	Military Technologies and Applied Sciences, Other
300101	Biological and Physical Sciences
301101	Gerontology
400101	Physical Sciences
400401	Atmospheric Sciences and Meteorology, General
400501	Chemistry, General
400510	Forensic Chemistry
400599	Chemistry, Other

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400601	Geology/Earth Science, General
400607	Oceanography, Chemical and Physical
400801	Physics, General
419999	Science Technologies/Technicians, Other

10. Law, Public Safety, Corrections, and Security

220001	Pre-Law Studies
220302	Legal Assistant/Paralegal
430103	Criminal Justice/Law Enforcement Administration
430104	Criminal Justice/Safety Studies
430106	Forensic Science and Technology
440401	Public Administration
440501	Public Policy Analysis, General
450401	Criminology
451001	Political Science and Government, General
451201	Urban Studies/Affairs

11. Manufacturing

010000	Agriculture, Agriculture Operations, and Related Sciences
010101	Agricultural Business and Management, General
010102	Agribusiness/Agricultural Business Operations
010103	Agricultural Economics
010308	Agroecology and Sustainable Agriculture
010605	Landscaping and Groundskeeping
010901	Animal Sciences, General
010907	Poultry Science
011001	Food Science
011102	Agronomy and Crop Science
011103	Horticultural Science
030101	Natural Resources/Conservation, General
030502	Forest Sciences and Biology
030601	Wildlife, Fish and Wildlands Science and Management
040201	Architecture
040501	Interior Architecture
040601	Landscape Architecture
150101	Architectural Engineering Technology/Technician
150303	Electrical, Electronic and Communications Engineering Technology
150405	Robotics Technology/Technician
150612	Industrial Technology/Technician
150699	Industrial Production Technologies/Technicians, Other
151201	Computer Engineering Technology/Technician
490101	Aeronautics/Aviation/Aerospace Science and Technology, General
490102	Airline/Commercial/Professional Pilot and Flight Crew
522001	Construction Management

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Table 35 Continued

12. Science, Technology, Engineering, and Mathematics

110101	Computer and Information Sciences, General
110301	Data Processing and Data Processing Technology/Technician
111002	System, Networking, and LAN/WAN Management/Manager
111003	Computer and Information Systems Security/Information Assura
140101	Engineering, General
140201	Aerospace, Aeronautical and Astronautical/Space Engineering
140501	Bioengineering and Biomedical Engineering
140701	Chemical Engineering
140801	Civil Engineering, General
140901	Computer Engineering, General
141001	Electrical and Electronics Engineering
141901	Mechanical Engineering
142401	Ocean Engineering
142501	Petroleum Engineering
143201	Polymer/Plastics Engineering
143501	Industrial Engineering
143901	Geological/Geophysical Engineering
149999	Engineering, Other
260101	Biology/Biological Sciences, General
260202	Biochemistry
260503	Medical Microbiology and Bacteriology
261302	Marine Biology and Biological Oceanography
270101	Mathematics, General
270501	Statistics, General
299999	Military Technologies and Applied Sciences, Other
300101	Biological and Physical Sciences
301101	Gerontology
400101	Physical Sciences
400401	Atmospheric Sciences and Meteorology, General
400501	Chemistry, General
400510	Forensic Chemistry
400599	Chemistry, Other
400601	Geology/Earth Science, General
400607	Oceanography, Chemical and Physical
400801	Physics, General
419999	Science Technologies/Technicians, Other

13. Transportation, Distribution, and Logistics

010000	Agriculture, Agriculture Operations, and Related Sciences
010101	Agricultural Business and Management, General
010102	Agribusiness/Agricultural Business Operations
010103	Agricultural Economics

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010308	Agroecology and Sustainable Agriculture
010605	Landscaping and Groundskeeping
010901	Animal Sciences, General
010907	Poultry Science
011001	Food Science
011102	Agronomy and Crop Science
011103	Horticultural Science
030101	Natural Resources/Conservation, General
030502	Forest Sciences and Biology
030601	Wildlife, Fish and Wildlands Science and Management
040201	Architecture
040501	Interior Architecture
040601	Landscape Architecture
150101	Architectural Engineering Technology/Technician
150303	Electrical, Electronic and Communications Engineering Technology
150405	Robotics Technology/Technician
150612	Industrial Technology/Technician
150699	Industrial Production Technologies/Technicians, Other
151201	Computer Engineering Technology/Technician
490101	Aeronautics/Aviation/Aerospace Science and Technology, General
490102	Airline/Commercial/Professional Pilot and Flight Crew
522001	Construction Management

APPENDIX D: K-12 CTE CLUSTER TO INDUSTRY CROSSWALK

TABLE 36: K-12 CTE CLUSTER TO INDUSTRY CROSSWALK

NAICS Code	Industry Title
1. Agriculture, Food, and Natural Resources	
11	Agriculture, Forestry, Fishing and Hunting
23	Construction
42	Wholesale Trade
2. Architecture and Construction	
22	Utilities
23	Construction
54	Professional, Scientific, and Technical Services
3. Arts, A/V Technology, and Communications	
51	Information
71	Arts, Entertainment, and Recreation
4. Business, Marketing, and Finance	
42	Wholesale Trade
44-45	Retail Trade
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
92	Public Administration
5. Education and Training	
61	Educational Services
6. Health Science	
62	Health Care and Social Assistance
7. Hospitality and Tourism	
44-45	Retail Trade
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)
8. Human Services	
61	Educational Services
62	Health Care and Social Assistance
81	Other Services (except Public Administration)
9. Information Technology	
51	Information
54	Professional, Scientific, and Technical Services
10. Law, Public Safety, Corrections, and Security	
54	Professional, Scientific, and Technical Services
56	Administrative and Support and Waste Management and Remediation Services
92	Public Administration
11. Manufacturing	
31-33	Manufacturing
12. Science, Technology, Engineering, and Mathematics	
21	Mining, Quarrying, and Oil and Gas Extraction
22	Utilities

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Table 36 Continued

23   Construction
31-33   Manufacturing
48-49   Transportation and Warehousing
54   Professional, Scientific, and Technical Services
56   Administrative and Support and Waste Management and Remediation Services
62   Health Care and Social Assistance

13. Transportation, Distribution, and Logistics
42   Wholesale Trade
44-45   Retail Trade
48-49   Transportation and Warehousing
54   Professional, Scientific, and Technical Services
56   Administrative and Support and Waste Management and Remediation Services
92   Public Administration

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