

December 2024

H.B. 1388 2025 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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December 2024

RECOMMENDED CITATION:

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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 third annual study. AccelerateMS commissioned Mississippi State University's NSPARC to conduct a study of these outcomes from Academic Year (AY) 2018 through AY 2022.

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 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 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:

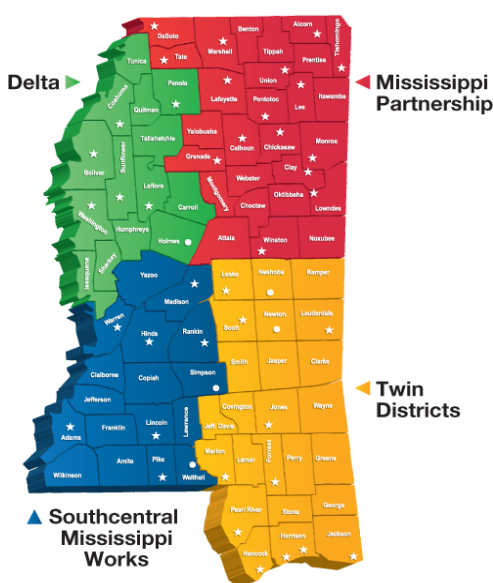


Figure 1: Mississippi's LWDAs

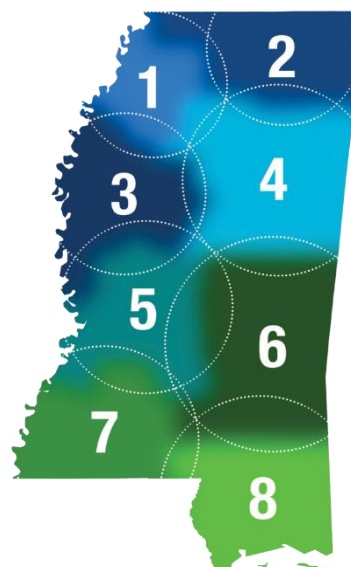


Figure 2: Mississippi's Ecosystems

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-Category¹

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.

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 2017-2018, AY 2018-2019, AY 2019-2020, AY 2020-2021, and AY 2021-2022.

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 2017-2018, AY 2018-2019, AY 2019-2020, AY 2020-2021, and AY 2021-2022.

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 2017-2018, AY 2018-2019, AY 2019-2020, AY 2020-2021, and AY 2021-2022.

Mississippi Community College Data – Students enrolled in AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, AY 2022-2023, and AY 2023-2024.

Mississippi Public University Data – Students enrolled in AY 2018-2019, AY 2019-2020, AY 2020-2021, AY 2021-2022, AY 2022-2023, and AY 2023-2024.

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 2017-2018, AY 2018-2019, AY 2019-2020, AY 2020-2021, and AY 2021-2022.

MDES Data – Employment and wage records from Calendar Year (CY) 2018, CY 2019, CY 2020, CY 2021, CY 2022, and CY 2023.

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.

Average Annualized Earnings – The average annualized earnings of those employed within one year of graduation. 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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	27,024	27,144	28,231	26,527	28,193	27,424
Gender						
Female	13,546	13,812	14,379	13,547	14,238	13,904
Male	13,478	13,332	13,852	12,980	13,955	13,519
Race						
Black	12,991	12,813	12,807	11,883	12,048	12,508
White	12,714	12,888	13,681	12,916	14,125	13,265
Other	1,319	1,443	1,743	1,728	2,020	1,651
Race & Gender						
Black, Female	7,202	7,170	7,157	6,663	6,648	6,968
Black, Male	5,789	5,643	5,650	5,220	5,400	5,540
White, Female	5,699	5,932	6,347	6,006	6,591	6,115
White, Male	7,015	6,956	7,334	6,910	7,534	7,150
Other, Female	645	710	875	878	999	821
Other, Male	674	733	868	850	1,021	829
Other Demographics						
1. Economically Disadvantaged	16,768	17,035	18,061	17,779	18,520	17,633
2. Children with Disabilities	2,293	2,198	2,299	2,082	2,236	2,222
3. English learner	369	380	493	447	475	433
4. Homeless	528	389	407	321	228	375
Ecosystem of School						
Ecosystem 1	2,066	1,985	2,021	1,870	2,035	1,995
Ecosystem 2	3,411	3,558	3,668	3,462	3,878	3,595
Ecosystem 3	1,824	1,959	1,675	1,566	1,307	1,666
Ecosystem 4	3,065	3,202	3,548	3,354	3,513	3,336
Ecosystem 5	4,276	4,412	4,921	4,490	5,255	4,671
Ecosystem 6	3,933	3,835	4,000	4,018	4,119	3,981
Ecosystem 7	2,275	2,110	2,145	2,077	1,823	2,086
Ecosystem 8	6,174	6,083	6,253	5,690	6,263	6,093
WIOA Region of School						
Delta	2,882	2,989	2,676	2,528	2,349	2,685
MS Partnership	7,484	7,715	8,236	7,724	8,384	7,909
South Central	6,551	6,522	7,066	6,567	7,078	6,757
Twin Districts	10,107	9,918	10,253	9,708	10,382	10,074
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	4,713	4,323	4,690	4,253	4,598	4,515
2. Architecture and Construction	2,481	2,516	2,487	2,263	2,307	2,411
3. Arts, A/V Technology, and Communications	1,139	1,328	1,427	1,276	1,252	1,284
4. Business, Marketing, and Finance	2,601	2,151	2,212	2,004	1,944	2,182
5. Education and Training	1,383	1,467	1,568	1,520	1,767	1,541
6. Health Science	5,064	5,490	5,767	5,579	5,860	5,552
7. Hospitality and Tourism	1,889	1,861	1,900	1,868	1,900	1,884
8. Human Services	1,354	1,874	1,752	1,265	1,097	1,468
9. Information Technology	519	538	567	520	614	552
10. Law, Public Safety, Corrections, and Security	1,069	1,228	1,207	1,409	1,480	1,279

Table 1 Continued on the Next Page

Table 1 Continued

11. Manufacturing	1,822	1,902	2,228	2,254	2,277	2,097
12. Science, Technology, Engineering, and Mathematics	1,504	1,435	1,487	1,359	1,784	1,514
13. Transportation, Distribution, and Logistics	2,097	1,711	1,671	1,527	1,659	1,733
14. CTE Dual Credit Multi-Category*	-	-	-	-	127	127

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	10,183	9,509	10,036	9,816	9,168	9,742
Gender						
Female	4,995	4,858	5,167	5,074	4,715	4,962
Male	5,188	4,651	4,869	4,742	4,453	4,781
Race						
Black	4,751	4,521	4,666	4,632	3,794	4,473
White	4,976	4,537	4,802	4,566	4,758	4,728
Other	456	451	568	618	616	542
Race & Gender						
Black, Female	2,623	2,610	2,664	2,626	2,206	2,546
Black, Male	2,128	1,911	2,002	2,006	1,588	1,927
White, Female	2,153	2,023	2,221	2,122	2,195	2,143
White, Male	2,823	2,514	2,581	2,444	2,563	2,585
Other, Female	219	225	282	326	314	273
Other, Male	237	226	286	292	302	269
Other Demographics						
1. Economically Disadvantaged	6,240	6,031	6,527	6,728	6,014	6,308
2. Children with Disabilities	889	766	752	721	668	759
3. English learner	129	120	147	143	127	133
4. Homeless	205	126	151	128	74	137
Ecosystem of School						
Ecosystem 1	612	656	665	677	661	654
Ecosystem 2	1,374	1,091	1,171	1,069	1,163	1,174
Ecosystem 3	754	584	657	697	407	620
Ecosystem 4	1,059	956	1,104	1,129	1,131	1,076
Ecosystem 5	1,392	1,798	1,852	1,558	1,503	1,621
Ecosystem 6	1,598	1,300	1,325	1,524	1,364	1,422
Ecosystem 7	816	781	798	823	618	767
Ecosystem 8	2,578	2,343	2,464	2,339	2,321	2,409
WIOA Region of School						
Delta	1,052	915	999	1,059	747	954
MS Partnership	2,747	2,372	2,598	2,513	2,615	2,569
South Central	2,208	2,579	2,650	2,381	2,121	2,388
Twin Districts	4,176	3,643	3,789	3,863	3,685	3,831
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	2,045	1,226	1,304	1,094	1,187	1,371
2. Architecture and Construction	929	882	898	910	747	873
3. Arts, A/V Technology, and Communications	403	333	464	510	423	427
4. Business, Marketing, and Finance	930	782	724	746	597	756
5. Education and Training	509	489	588	586	557	546
6. Health Science	1,938	2,010	2,154	2,175	2,066	2,069
7. Hospitality and Tourism	595	639	603	654	535	605
8. Human Services	535	966	950	529	426	681
9. Information Technology	142	153	172	160	151	156
10. Law, Public Safety, Corrections, and Security	290	340	376	481	464	390

Table 2 Continued on the Next Page

Table 2 Continued

11. Manufacturing	670	644	765	902	754	747
12. Science, Technology, Engineering, and Mathematics	509	500	494	538	609	530
13. Transportation, Distribution, and Logistics	766	601	598	576	504	609
14. CTE Dual Credit Multi-Category*	-	-	-	-	49	49

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	12,859	12,473	13,134	12,616	13,281	12,873
Gender						
Female	6,575	6,345	6,823	6,523	6,858	6,625
Male	6,284	6,128	6,311	6,093	6,423	6,248
Race						
Black	6,463	6,020	6,397	6,084	6,230	6,239
White	5,859	5,860	6,064	5,796	6,219	5,960
Other	537	593	673	736	832	674
Race & Gender						
Black, Female	3,604	3,406	3,642	3,413	3,484	3,510
Black, Male	2,859	2,614	2,755	2,671	2,746	2,729
White, Female	2,718	2,650	2,844	2,721	2,967	2,780
White, Male	3,141	3,210	3,220	3,075	3,252	3,180
Other, Female	253	289	337	389	407	335
Other, Male	284	304	336	347	425	339
Other Demographics						
1. Economically Disadvantaged	2,885	3,227	3,859	4,649	4,559	3,836
2. Children with Disabilities	269	306	406	523	490	399
3. English learner	57	88	117	134	199	119
4. Homeless	105	88	114	130	123	112
Ecosystem of School						
Ecosystem 1	948	976	1,071	950	887	966
Ecosystem 2	1,682	1,649	1,705	1,601	1,736	1,675
Ecosystem 3	870	881	798	779	841	834
Ecosystem 4	1,414	1,412	1,618	1,477	1,530	1,490
Ecosystem 5	2,014	1,862	1,987	2,021	2,325	2,042
Ecosystem 6	1,837	1,807	1,851	1,791	1,867	1,831
Ecosystem 7	1,016	1,037	1,015	1,038	1,000	1,021
Ecosystem 8	3,078	2,849	3,089	2,959	3,095	3,014
WIOA Region of School						
Delta	1,337	1,322	1,296	1,259	1,215	1,286
MS Partnership	3,577	3,596	3,896	3,548	3,779	3,679
South Central	3,030	2,899	3,002	3,059	3,325	3,063
Twin Districts	4,915	4,656	4,940	4,750	4,962	4,845
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	2,485	2,283	2,437	2,315	2,341	2,372
2. Architecture and Construction	1,251	1,285	1,317	1,223	1,261	1,267
3. Arts, A/V Technology, and Communications	571	628	682	722	710	663
4. Business, Marketing, and Finance	1,798	1,430	1,349	1,213	1,196	1,397
5. Education and Training	784	737	795	796	813	785
6. Health Science	2,591	2,544	2,807	2,807	2,905	2,731
7. Hospitality and Tourism	909	912	1,059	951	1,002	967
8. Human Services	685	694	802	723	1,003	781
9. Information Technology	252	240	256	313	392	291
10. Law, Public Safety, Corrections, and Security	515	568	612	593	777	613

Table 3 Continued on the Next Page

Table 3 Continued

11. Manufacturing	849	954	1,034	1,049	1,142	1,006
12. Science, Technology, Engineering, and Mathematics	794	849	848	848	949	858
13. Transportation, Distribution, and Logistics	1,158	1,061	1,026	857	826	986
14. CTE Dual Credit Multi-Category*	-	-	-	-	41	41

*Cluster added in AY2022.

**TABLE 4: GRADUATING K-12 CTE CONCENTRATORS;
NUMBER OF CTE CONCENTRATORS WHO GRADUATED FROM K-12 WITH TRADITIONAL DIPLOMA**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	8,395	8,177	8,308	8,254	8,756	8,378
Gender						
Female	4,300	4,208	4,373	4,350	4,551	4,356
Male	4,095	3,969	3,935	3,904	4,205	4,022
Race						
Black	4,050	3,779	3,933	3,864	4,090	3,943
White	3,982	4,006	3,967	3,904	4,140	4,000
Other	363	392	408	486	526	435
Race & Gender						
Black, Female	2,316	2,223	2,317	2,245	2,331	2,286
Black, Male	1,734	1,556	1,616	1,619	1,759	1,657
White, Female	1,809	1,786	1,846	1,834	1,962	1,847
White, Male	2,173	2,220	2,121	2,070	2,178	2,152
Other, Female	175	199	210	271	258	223
Other, Male	188	193	198	215	268	212
Other Demographics						
1. Economically Disadvantaged	1,894	2,084	2,438	3,058	3,087	2,512
2. Children with Disabilities	180	208	238	326	300	250
3. English learner	36	52	63	91	112	71
4. Homeless	64	57	72	85	76	71
Ecosystem of School						
Ecosystem 1	545	597	572	533	544	558
Ecosystem 2	1,092	1,031	957	868	996	989
Ecosystem 3	576	540	533	522	570	548
Ecosystem 4	890	822	948	950	929	908
Ecosystem 5	1,176	1,167	1,245	1,332	1,636	1,311
Ecosystem 6	1,195	1,239	1,186	1,150	1,236	1,201
Ecosystem 7	684	653	665	741	676	684
Ecosystem 8	2,237	2,128	2,202	2,158	2,169	2,179
WIOA Region of School						
Delta	858	817	793	827	814	822
MS Partnership	2,245	2,173	2,217	2,046	2,225	2,181
South Central	1,860	1,820	1,910	2,073	2,312	1,995
Twin Districts	3,432	3,367	3,388	3,308	3,405	3,380
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	1,354	1,219	1,057	948	903	1,096
2. Architecture and Construction	781	767	804	757	821	786
3. Arts, A/V Technology, and Communications	360	370	359	409	382	376
4. Business, Marketing, and Finance	870	799	714	650	602	727
5. Education and Training	416	470	507	520	508	484
6. Health Science	1,822	1,830	1,954	2,060	1,983	1,930
7. Hospitality and Tourism	544	548	577	537	562	554
8. Human Services	468	457	483	492	801	540
9. Information Technology	146	143	156	127	159	146
10. Law, Public Safety, Corrections, and Security	229	251	321	324	465	318

Table 4 Continued on the Next Page

Table 4 Continued

11. Manufacturing	523	625	638	703	741	646
12. Science, Technology, Engineering, and Mathematics	487	444	459	476	557	485
13. Transportation, Distribution, and Logistics	697	581	554	520	516	574
14. CTE Dual Credit Multi-Category*	-	-	-	-	21	21

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	434	385	284	401	475	396
Gender						
Female	135	146	97	122	178	136
Male	299	239	187	279	297	260
Race						
Black	182	181	125	133	210	166
White	239	190	145	244	235	211
Other	13	14	14	24	30	19
Race & Gender						
Black, Female	59	70	47	33	75	57
Black, Male	123	111	78	100	135	109
White, Female	73	73	47	79	86	72
White, Male	166	117	98	165	149	139
Other, Female	<10	<10	<10	10	17	<10
Other, Male	10	11	11	14	13	12
Other Demographics						
1. Economically Disadvantaged	113	112	89	168	205	137
2. Children with Disabilities	22	25	29	41	46	33
3. English learner	<10	<10	<10	<10	10	<10
4. Homeless	<10	<10	<10	<10	15	<10
Ecosystem of School						
Ecosystem 1	27	36	28	26	38	31
Ecosystem 2	92	63	43	95	89	76
Ecosystem 3	28	37	21	28	50	33
Ecosystem 4	43	38	47	54	84	53
Ecosystem 5	59	52	25	33	49	44
Ecosystem 6	69	61	52	58	56	59
Ecosystem 7	43	32	29	38	36	36
Ecosystem 8	73	66	39	69	73	64
WIOA Region of School						
Delta	40	52	42	41	66	48
MS Partnership	150	122	97	162	195	145
South Central	102	84	54	71	85	79
Twin Districts	142	127	91	127	129	123
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	126	118	93	145	137	124
2. Architecture and Construction	52	58	31	45	68	51
3. Arts, A/V Technology, and Communications	<10	18	<10	11	14	11
4. Business, Marketing, and Finance	51	42	17	31	30	34
5. Education and Training	13	11	11	18	24	15
6. Health Science	19	26	19	16	32	22
7. Hospitality and Tourism	27	24	15	21	28	23
8. Human Services	16	15	23	15	26	19
9. Information Technology	<10	<10	<10	10	<10	<10
10. Law, Public Safety, Corrections, and Security	19	24	11	26	42	24

Table 5 Continued on the Next Page

Table 5 Continued

11. Manufacturing	65	39	42	63	47	51
12. Science, Technology, Engineering, and Mathematics	15	11	15	23	31	19
13. Transportation, Distribution, and Logistics	71	48	34	40	39	46
14. CTE Dual Credit Multi-Category*	-	-	-	-	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	94	74	59	83	101	82
Gender						
Female	20	25	18	22	38	25
Male	74	49	41	61	63	58
Race						
Black	33	21	21	27	41	29
White	59	49	34	51	55	50
Other	<10	<10	<10	<10	<10	<10
Race & Gender						
Black, Female	<10	<10	12	<10	16	10
Black, Male	28	14	<10	19	25	19
White, Female	14	17	<10	13	20	14
White, Male	45	32	28	38	35	36
Other, Female	<10	<10	<10	<10	<10	<10
Other, Male	<10	<10	<10	<10	<10	<10
Other Demographics						
1. Economically Disadvantaged	19	14	23	39	53	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	23	21	10	21	18	19
Ecosystem 3	12	<10	<10	<10	22	10
Ecosystem 4	<10	<10	<10	10	11	<10
Ecosystem 5	<10	<10	<10	10	13	<10
Ecosystem 6	18	15	11	13	12	14
Ecosystem 7	<10	<10	<10	<10	<10	<10
Ecosystem 8	12	12	<10	12	10	11
WIOA Region of School						
Delta	14	<10	<10	<10	26	12
MS Partnership	32	31	20	35	31	30
South Central	18	<10	16	17	22	16
Twin Districts	30	27	18	25	22	24
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	32	29	21	18	17	23
2. Architecture and Construction	10	11	<10	13	13	11
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	<10	11	<10
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	11	<10

Table 6 Continued on the Next Page

Table 6 Continued

11. Manufacturing	15	<10	<10	18	15	13
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	13	<10	<10	<10	10	<10
14. CTE Dual Credit Multi-Category*	-	-	-	-	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
9th Grade	1,768	1,946	2,009	2,395	2,693	2,162
10th Grade	6,364	5,843	6,125	5,741	6,200	6,055
11th Grade	4,311	4,248	4,544	4,129	3,750	4,196
12th Grade	416	436	456	338	583	446

**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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	343	298	509	613	1,009	554
Gender						
Female	140	123	245	303	499	262
Male	203	175	264	310	510	292
Race						
Black	223	180	323	335	490	310
White	114	109	170	251	470	223
Other	<10	<10	16	27	49	21
Race & Gender						
Black, Female	112	90	187	198	273	172
Black, Male	111	90	136	137	217	138
White, Female	27	30	53	91	207	82
White, Male	87	79	117	160	263	141
Other, Female	<10	<10	<10	14	19	<10
Other, Male	<10	<10	11	13	30	13
Other Demographics						
1. Economically Disadvantaged	69	79	171	181	287	157
2. Children with Disabilities	11	<10	18	16	32	16
3. English learner	<10	<10	<10	<10	12	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	22	37	56	36	61	42
Ecosystem 2	<10	<10	<10	<10	15	<10
Ecosystem 3	<10	<10	<10	<10	<10	<10
Ecosystem 4	<10	27	83	24	41	36
Ecosystem 5	207	139	244	396	532	304
Ecosystem 6	50	34	37	85	140	69
Ecosystem 7	27	17	20	18	22	21
Ecosystem 8	26	39	65	48	191	74
WIOA Region of School						
Delta	<10	<10	23	29	53	23
MS Partnership	32	60	120	37	71	64
South Central	234	156	264	414	554	324
Twin Districts	76	73	102	133	331	143
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	41	31	44	42	75	47
2. Architecture and Construction	20	34	46	48	64	42
3. Arts, A/V Technology, and Communications	32	15	51	85	127	62
4. Business, Marketing, and Finance	30	27	85	76	198	83
5. Education and Training	37	12	<10	16	79	30
6. Health Science	39	62	92	149	254	119
7. Hospitality and Tourism	31	19	42	39	43	35
8. Human Services	29	33	95	63	223	89
9. Information Technology	23	28	42	15	69	35
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	11	<10

Table 8 Continued on the Next Page

Table 8 Continued

11. Manufacturing	70	46	73	99	113	80
12. Science, Technology, Engineering, and Mathematics	21	13	32	18	110	39
13. Transportation, Distribution, and Logistics	20	25	49	70	68	46
14. CTE Dual Credit Multi-Category*	-	-	-	-	41	41

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	144	155	306	444	681	346
Gender						
Female	55	64	133	205	338	159
Male	89	91	173	239	343	187
Race						
Black	85	87	178	216	339	181
White	56	63	115	207	311	150
Other	<10	<10	13	21	31	15
Race & Gender						
Black, Female	43	46	99	120	192	100
Black, Male	42	41	79	96	147	81
White, Female	11	16	30	75	135	53
White, Male	45	47	85	132	176	97
Other, Female	<10	<10	<10	10	11	<10
Other, Male	<10	<10	<10	11	20	<10
Other Demographics						
1. Economically Disadvantaged	33	44	94	121	206	100
2. Children with Disabilities	<10	<10	12	12	22	11
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	13	27	33	23	27	25
Ecosystem 2	<10	<10	<10	<10	10	<10
Ecosystem 3	<10	<10	<10	<10	<10	<10
Ecosystem 4	<10	13	35	10	19	16
Ecosystem 5	67	47	142	287	419	192
Ecosystem 6	24	17	29	75	87	46
Ecosystem 7	19	13	18	15	16	16
Ecosystem 8	13	34	47	31	99	45
WIOA Region of School						
Delta	<10	<10	14	15	17	11
MS Partnership	21	35	56	21	43	35
South Central	86	60	160	302	435	209
Twin Districts	37	51	76	106	186	91
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	18	16	22	17	13	17
2. Architecture and Construction	11	27	34	39	35	29
3. Arts, A/V Technology, and Communications	17	10	36	69	81	43
4. Business, Marketing, and Finance	19	14	30	34	66	33
5. Education and Training	<10	<10	<10	12	27	<10
6. Health Science	15	26	45	97	133	63
7. Hospitality and Tourism	11	10	30	20	25	19
8. Human Services	13	<10	21	41	197	56
9. Information Technology	13	18	23	<10	<10	14
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	<10	<10

Table 9 Continued on the Next Page

Table 9 Continued

11. Manufacturing	23	20	52	76	50	44
12. Science, Technology, Engineering, and Mathematics	<10	<10	13	<10	42	15
13. Transportation, Distribution, and Logistics	<10	<10	17	45	26	19
14. CTE Dual Credit Multi-Category*	-	-	-	-	21	21

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	3,600	4,272	4,500	4,101	4,321	4,159
Gender						
Female	2,267	2,705	2,918	2,670	2,754	2,663
Male	1,333	1,567	1,582	1,431	1,567	1,496
Race						
Black	1,395	1,826	1,719	1,510	1,511	1,592
White	2,046	2,244	2,537	2,330	2,528	2,337
Other	159	202	244	261	282	230
Race & Gender						
Black, Female	943	1,275	1,227	1,085	1,066	1,119
Black, Male	452	551	492	425	445	473
White, Female	1,240	1,315	1,543	1,414	1,526	1,408
White, Male	806	929	994	916	1,002	929
Other, Female	84	115	148	171	162	136
Other, Male	75	87	96	90	120	94
Other Demographics						
1. Economically Disadvantaged	720	1,055	1,185	1,382	1,377	1,144
2. Children with Disabilities	20	42	36	39	45	36
3. English learner	<10	15	20	23	44	22
4. Homeless	21	29	32	32	36	30
Ecosystem of School						
Ecosystem 1	311	385	435	357	361	370
Ecosystem 2	482	509	478	479	573	504
Ecosystem 3	179	257	179	192	189	199
Ecosystem 4	434	504	522	458	433	470
Ecosystem 5	494	729	727	623	649	644
Ecosystem 6	480	625	629	576	596	581
Ecosystem 7	205	250	307	278	293	267
Ecosystem 8	1,015	1,013	1,223	1,138	1,227	1,123
WIOA Region of School						
Delta	325	447	369	352	294	357
MS Partnership	1,081	1,208	1,245	1,134	1,262	1,186
South Central	699	979	1,034	901	942	911
Twin Districts	1,495	1,638	1,852	1,714	1,823	1,704
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	646	673	646	722	667
2. Architecture and Construction	193	279	255	233	260	244
3. Arts, A/V Technology, and Communications	142	214	278	219	202	211
4. Business, Marketing, and Finance	594	598	523	480	369	513
5. Education and Training	212	253	264	252	279	252
6. Health Science	1,213	1,406	1,553	1,501	1,509	1,436
7. Hospitality and Tourism	194	263	329	271	256	263
8. Human Services	136	222	226	184	254	204
9. Information Technology	64	70	71	106	137	90
10. Law, Public Safety, Corrections, and Security	115	152	166	153	211	159

Table 10 Continued on the Next Page

Table 10 Continued

11. Manufacturing	95	138	147	118	174	134
12. Science, Technology, Engineering, and Mathematics	284	355	359	333	390	344
13. Transportation, Distribution, and Logistics	139	154	181	131	103	142
14. CTE Dual Credit Multi-Category*	-	-	-	-	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	2,423	2,849	2,990	2,882	3,088	2,846
Gender						
Female	1,566	1,853	1,982	1,930	1,997	1,866
Male	857	996	1,008	952	1,091	981
Race						
Black	939	1,207	1,158	1,087	1,156	1,109
White	1,365	1,497	1,675	1,601	1,732	1,574
Other	119	145	157	194	200	163
Race & Gender						
Black, Female	647	865	845	802	819	796
Black, Male	292	342	313	285	337	314
White, Female	851	901	1,040	997	1,064	971
White, Male	514	596	635	604	668	603
Other, Female	68	87	97	131	114	99
Other, Male	51	58	60	63	86	64
Other Demographics						
1. Economically Disadvantaged	479	710	819	979	1,011	800
2. Children with Disabilities	10	31	23	30	35	26
3. English learner	<10	<10	11	20	32	15
4. Homeless	15	21	23	23	25	21
Ecosystem of School						
Ecosystem 1	210	260	264	220	251	241
Ecosystem 2	298	300	271	256	310	287
Ecosystem 3	110	146	117	131	140	129
Ecosystem 4	284	314	321	343	307	314
Ecosystem 5	277	474	463	416	498	426
Ecosystem 6	329	427	423	406	405	398
Ecosystem 7	133	172	216	214	221	191
Ecosystem 8	782	756	915	896	956	861
WIOA Region of School						
Delta	216	275	238	243	225	239
MS Partnership	686	745	735	707	783	731
South Central	410	646	679	630	719	617
Twin Districts	1,111	1,183	1,338	1,302	1,361	1,259
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	326	337	295	272	267	299
2. Architecture and Construction	130	146	147	149	173	149
3. Arts, A/V Technology, and Communications	76	120	138	113	113	112
4. Business, Marketing, and Finance	307	326	272	280	214	280
5. Education and Training	122	166	184	174	194	168
6. Health Science	933	1,087	1,174	1,202	1,173	1,114
7. Hospitality and Tourism	107	144	179	158	149	147
8. Human Services	85	130	162	124	212	143
9. Information Technology	41	41	47	51	62	48
10. Law, Public Safety, Corrections, and Security	44	67	89	85	144	86

Table 11 Continued on the Next Page

Table 11 Continued

11. Manufacturing	54	95	85	81	122	87
12. Science, Technology, Engineering, and Mathematics	189	194	224	221	295	225
13. Transportation, Distribution, and Logistics	75	76	87	77	69	77
14. CTE Dual Credit Multi-Category*	-	-	-	-	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	870	1,015	1,145	1,115	1,943	1,218
Gender						
Female	456	533	635	592	1,025	648
Male	414	482	510	523	918	569
Race						
Black	322	376	447	488	769	480
White	512	602	643	563	1,060	676
Other	36	37	55	64	114	61
Race & Gender						
Black, Female	215	251	311	290	456	305
Black, Male	107	125	136	198	313	176
White, Female	227	266	296	267	517	315
White, Male	285	336	347	296	543	361
Other, Female	14	16	28	35	52	29
Other, Male	22	21	27	29	62	32
Other Demographics						
1. Economically Disadvantaged	208	242	285	376	643	351
2. Children with Disabilities	14	13	29	34	57	29
3. English learner	<10	<10	<10	<10	24	10
4. Homeless	<10	10	<10	12	13	10
Ecosystem of School						
Ecosystem 1	54	61	85	80	117	79
Ecosystem 2	245	225	230	190	301	238
Ecosystem 3	29	49	28	21	71	40
Ecosystem 4	65	69	102	76	125	87
Ecosystem 5	124	151	203	313	408	240
Ecosystem 6	77	111	122	99	312	144
Ecosystem 7	30	30	30	27	98	43
Ecosystem 8	246	319	345	309	511	346
WIOA Region of School						
Delta	65	92	93	77	144	94
MS Partnership	328	312	352	290	470	350
South Central	154	181	233	340	506	283
Twin Districts	323	430	467	408	823	490
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	181	185	196	167	333	212
2. Architecture and Construction	105	110	107	86	172	116
3. Arts, A/V Technology, and Communications	55	54	55	60	138	72
4. Business, Marketing, and Finance	78	114	82	71	149	99
5. Education and Training	54	64	66	73	140	79
6. Health Science	174	218	282	300	469	289
7. Hospitality and Tourism	40	71	97	104	128	88
8. Human Services	48	38	64	85	258	99
9. Information Technology	21	24	15	20	37	23
10. Law, Public Safety, Corrections, and Security	36	26	52	32	90	47

Table 12 Continued on the Next Page

Table 12 Continued

11. Manufacturing	63	108	116	125	208	124
12. Science, Technology, Engineering, and Mathematics	48	57	77	51	124	71
13. Transportation, Distribution, and Logistics	107	100	103	84	122	103
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	675	791	918	867	1,558	962
Gender						
Female	343	405	510	447	816	504
Male	332	386	408	420	742	458
Race						
Black	237	287	348	348	611	366
White	409	472	529	467	861	548
Other	29	32	41	52	86	48
Race & Gender						
Black, Female	158	190	239	204	357	230
Black, Male	79	97	109	144	254	137
White, Female	172	200	248	216	419	251
White, Male	237	272	281	251	442	297
Other, Female	13	15	23	27	40	24
Other, Male	16	17	18	25	46	24
Other Demographics						
1. Economically Disadvantaged	159	186	211	285	517	272
2. Children with Disabilities	12	<10	23	27	45	23
3. English learner	<10	<10	<10	<10	22	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	30	46	49	54	89	54
Ecosystem 2	176	136	162	124	215	163
Ecosystem 3	22	31	21	20	51	29
Ecosystem 4	39	41	69	53	101	61
Ecosystem 5	98	124	180	220	349	194
Ecosystem 6	64	107	111	90	248	124
Ecosystem 7	20	21	23	26	79	34
Ecosystem 8	226	285	303	280	426	304
WIOA Region of School						
Delta	47	67	66	60	106	69
MS Partnership	220	187	235	191	350	237
South Central	118	145	203	246	428	228
Twin Districts	290	392	414	370	674	428
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	102	101	116	72	160	110
2. Architecture and Construction	72	82	84	69	122	86
3. Arts, A/V Technology, and Communications	48	42	38	41	84	51
4. Business, Marketing, and Finance	46	82	61	55	70	63
5. Education and Training	38	47	49	53	103	58
6. Health Science	139	177	240	233	357	229
7. Hospitality and Tourism	27	51	76	69	80	61
8. Human Services	37	29	41	68	236	82
9. Information Technology	12	14	<10	15	28	15
10. Law, Public Safety, Corrections, and Security	19	17	28	23	64	30

Table 13 Continued on the Next Page

Table 13 Continued

11. Manufacturing	48	97	84	91	163	97
12. Science, Technology, Engineering, and Mathematics	44	40	56	39	95	55
13. Transportation, Distribution, and Logistics	80	57	74	60	91	72
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	6,785	6,365	6,133	5,573	5,815	6,134
Gender						
Female	3,762	3,556	3,550	3,170	3,280	3,464
Male	3,023	2,809	2,583	2,403	2,535	2,671
Race						
Black	3,393	3,058	2,862	2,545	2,525	2,877
White	3,173	3,075	3,011	2,750	2,962	2,994
Other	219	232	260	278	328	263
Race & Gender						
Black, Female	1,999	1,858	1,777	1,563	1,533	1,746
Black, Male	1,394	1,200	1,085	982	992	1,131
White, Female	1,655	1,575	1,623	1,434	1,574	1,572
White, Male	1,518	1,500	1,388	1,316	1,388	1,422
Other, Female	108	123	150	173	173	145
Other, Male	111	109	110	105	155	118
Other Demographics						
1. Economically Disadvantaged	1,557	1,634	1,792	2,089	1,972	1,809
2. Children with Disabilities	129	114	152	189	182	153
3. English learner	21	33	36	33	65	38
4. Homeless	49	37	36	51	46	44
Ecosystem of School						
Ecosystem 1	428	447	430	376	373	411
Ecosystem 2	942	886	831	736	819	843
Ecosystem 3	414	409	350	265	287	345
Ecosystem 4	821	779	837	719	702	772
Ecosystem 5	1,000	862	824	847	846	876
Ecosystem 6	1,080	999	930	862	948	964
Ecosystem 7	573	555	485	455	471	508
Ecosystem 8	1,527	1,428	1,446	1,313	1,369	1,417
WIOA Region of School						
Delta	639	646	567	461	456	554
MS Partnership	1,966	1,875	1,881	1,635	1,725	1,816
South Central	1,573	1,417	1,309	1,302	1,317	1,384
Twin Districts	2,607	2,427	2,376	2,175	2,317	2,380
Major						
Agriculture and Life Sciences	223	203	254	187	213	216
Architecture, Art, and Design	<10	<10	12	20	14	12
Arts and Sciences	3,615	3,124	2,977	2,648	2,626	2,998
Business	421	365	416	383	435	404
Education	1,031	1,096	1,047	965	1,016	1,031
Engineering	444	468	472	408	447	448
Fine Arts	211	253	220	217	209	222
Legal Studies	123	148	140	129	116	131
Production	696	695	582	599	631	641
Undeclared	17	<10	13	17	108	32

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	1,388	1,240	1,178	1,080	1,114	1,200
2. Architecture and Construction	575	610	533	473	505	539
3. Arts, A/V Technology, and Communications	305	316	322	320	282	309
4. Business, Marketing, and Finance	944	758	594	532	525	671
5. Education and Training	486	455	447	382	393	433
6. Health Science	1,553	1,422	1,576	1,488	1,508	1,509
7. Hospitality and Tourism	497	454	509	440	405	461
8. Human Services	381	378	376	316	439	378
9. Information Technology	131	109	125	127	169	132
10. Law, Public Safety, Corrections, and Security	246	270	272	252	340	276
11. Manufacturing	374	414	356	352	387	377
12. Science, Technology, Engineering, and Mathematics	364	397	379	362	373	375
13. Transportation, Distribution, and Logistics	498	429	374	304	266	374
14. CTE Dual Credit Multi-Category*	-	-	-	-	17	17

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	4,458	4,255	3,964	3,773	4,016	4,093
Gender						
Female	2,469	2,441	2,338	2,211	2,283	2,348
Male	1,989	1,814	1,626	1,562	1,733	1,745
Race						
Black	2,125	1,986	1,787	1,676	1,739	1,863
White	2,178	2,122	2,014	1,901	2,059	2,055
Other	155	147	163	196	218	176
Race & Gender						
Black, Female	1,266	1,269	1,155	1,075	1,066	1,166
Black, Male	859	717	632	601	673	696
White, Female	1,126	1,088	1,089	1,006	1,108	1,083
White, Male	1,052	1,034	925	895	951	971
Other, Female	77	84	94	130	109	99
Other, Male	78	63	69	66	109	77
Other Demographics						
1. Economically Disadvantaged	1,035	1,085	1,147	1,425	1,407	1,220
2. Children with Disabilities	86	82	103	113	128	102
3. English learner	15	17	22	28	40	24
4. Homeless	28	20	25	40	33	29
Ecosystem of School						
Ecosystem 1	245	279	231	214	243	242
Ecosystem 2	614	550	494	402	475	507
Ecosystem 3	277	259	243	176	209	233
Ecosystem 4	502	451	486	493	457	478
Ecosystem 5	588	541	503	555	614	560
Ecosystem 6	707	688	608	563	659	645
Ecosystem 7	393	368	331	337	322	350
Ecosystem 8	1,132	1,119	1,068	1,033	1,037	1,078
WIOA Region of School						
Delta	404	408	358	304	328	360
MS Partnership	1,234	1,131	1,096	981	1,056	1,100
South Central	981	909	834	892	936	910
Twin Districts	1,839	1,807	1,676	1,596	1,696	1,723
Major						
Agriculture and Life Sciences	150	140	156	117	144	141
Architecture, Art, and Design	<10	<10	<10	12	10	<10
Arts and Sciences	2,329	2,069	1,919	1,806	1,834	1,991
Business	272	236	237	226	276	249
Education	645	696	671	665	684	672
Engineering	332	348	321	270	308	316
Fine Arts	148	163	138	144	142	147
Legal Studies	72	82	88	94	81	83
Production	499	513	417	432	473	467
Undeclared	<10	<10	<10	<10	64	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	746	649	514	448	423	556
2. Architecture and Construction	363	368	303	288	346	334
3. Arts, A/V Technology, and Communications	193	187	168	184	157	178
4. Business, Marketing, and Finance	451	451	320	288	284	359
5. Education and Training	265	298	287	252	280	276
6. Health Science	1,088	1,049	1,121	1,122	1,083	1,093
7. Hospitality and Tourism	295	273	276	259	244	269
8. Human Services	264	258	234	216	361	267
9. Information Technology	75	61	81	53	81	70
10. Law, Public Safety, Corrections, and Security	108	127	147	150	213	149
11. Manufacturing	228	265	237	246	267	249
12. Science, Technology, Engineering, and Mathematics	230	220	218	221	232	224
13. Transportation, Distribution, and Logistics	309	226	201	187	168	218
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*Cluster added in AY2022.

**TABLE 16: ENROLLMENT OF K-12 CTE PARTICIPANTS AT MISSISSIPPI PUBLIC UNIVERSITY;
NUMBER OF K-12 CTE PARTICIPANTS WHO GRADUATED K-12 AND SUBSEQUENTLY ENROLLED IN
MISSISSIPPI PUBLIC UNIVERSITY WITHIN ONE YEAR OF GRADUATION**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	1,664	1,524	1,469	1,503	1,781	1,588
Gender						
Female	1,036	954	951	991	1,146	1,016
Male	628	570	518	512	635	573
Race						
Black	992	861	781	774	920	866
White	599	609	616	637	764	645
Other	73	54	72	92	97	78
Race & Gender						
Black, Female	651	590	557	549	637	597
Black, Male	341	271	224	225	283	269
White, Female	346	335	361	384	450	375
White, Male	253	274	255	253	314	270
Other, Female	39	29	33	58	59	44
Other, Male	34	25	39	34	38	34
Other Demographics						
1. Economically Disadvantaged	340	407	328	432	534	408
2. Children with Disabilities	<10	12	<10	<10	13	10
3. English learner	<10	<10	<10	<10	10	<10
4. Homeless	<10	10	<10	14	14	11
Ecosystem of School						
Ecosystem 1	156	114	140	123	111	129
Ecosystem 2	139	112	122	131	153	131
Ecosystem 3	175	179	114	114	148	146
Ecosystem 4	157	142	171	157	166	159
Ecosystem 5	377	389	319	361	498	389
Ecosystem 6	153	142	139	147	182	153
Ecosystem 7	126	120	99	110	90	109
Ecosystem 8	381	326	365	360	433	373
WIOA Region of School						
Delta	251	211	171	174	190	199
MS Partnership	376	336	376	351	388	365
South Central	503	509	418	471	588	498
Twin Districts	534	468	504	507	615	526
Major						
Agriculture and Life Sciences	326	295	307	310	322	312
Architecture, Art, and Design	10	<10	12	15	11	11
Arts and Sciences	436	369	363	367	438	395
Business	179	155	143	157	190	165
Education	354	344	334	361	375	354
Engineering	235	236	202	212	318	241
Fine Arts	61	55	59	38	61	55
Legal Studies	62	56	48	43	59	54
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	187	147	142	141	173	158
2. Architecture and Construction	117	100	74	76	102	94
3. Arts, A/V Technology, and Communications	95	99	116	102	119	106
4. Business, Marketing, and Finance	246	213	203	190	195	209
5. Education and Training	113	81	80	104	118	99
6. Health Science	507	511	499	555	606	536
7. Hospitality and Tourism	105	92	106	102	133	108
8. Human Services	88	77	84	83	130	92
9. Information Technology	30	29	37	58	85	48
10. Law, Public Safety, Corrections, and Security	78	68	63	54	85	70
11. Manufacturing	37	31	34	26	48	35
12. Science, Technology, Engineering, and Mathematics	170	177	157	153	216	175
13. Transportation, Distribution, and Logistics	62	60	50	30	37	48
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	1,076	1,002	946	996	1,175	1,039
Gender						
Female	698	625	631	661	780	679
Male	378	377	315	335	395	360
Race						
Black	654	541	531	498	646	574
White	373	417	372	430	464	411
Other	49	44	43	68	65	54
Race & Gender						
Black, Female	452	372	381	355	457	403
Black, Male	202	169	150	143	189	171
White, Female	217	230	228	263	280	244
White, Male	156	187	144	167	184	168
Other, Female	29	23	22	43	43	32
Other, Male	20	21	21	25	22	22
Other Demographics						
1. Economically Disadvantaged	220	259	224	276	367	269
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	13	<10
Ecosystem of School						
Ecosystem 1	100	77	82	79	75	83
Ecosystem 2	79	63	55	63	69	66
Ecosystem 3	113	94	72	74	100	91
Ecosystem 4	104	90	104	105	108	102
Ecosystem 5	216	256	204	243	361	256
Ecosystem 6	106	106	103	100	116	106
Ecosystem 7	88	76	73	75	63	75
Ecosystem 8	270	240	253	257	283	261
WIOA Region of School						
Delta	165	117	109	115	131	127
MS Partnership	231	207	204	206	221	214
South Central	304	332	277	318	424	331
Twin Districts	376	346	356	357	399	367
Major						
Agriculture and Life Sciences	230	199	206	216	234	217
Architecture, Art, and Design	<10	<10	<10	<10	<10	<10
Arts and Sciences	251	239	229	245	265	246
Business	110	98	84	88	112	98
Education	250	232	230	243	271	245
Engineering	154	160	124	144	206	158
Fine Arts	39	33	37	28	35	34
Legal Studies	36	34	28	23	39	32
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	105	88	64	51	61	74
2. Architecture and Construction	70	47	49	42	70	56
3. Arts, A/V Technology, and Communications	60	56	55	58	56	57
4. Business, Marketing, and Finance	137	113	102	96	96	109
5. Education and Training	47	52	48	67	62	55
6. Health Science	375	391	369	421	421	395
7. Hospitality and Tourism	62	49	61	54	69	59
8. Human Services	56	40	43	57	108	61
9. Information Technology	21	21	18	21	24	21
10. Law, Public Safety, Corrections, and Security	25	29	37	24	46	32
11. Manufacturing	19	19	14	18	32	20
12. Science, Technology, Engineering, and Mathematics	98	107	89	97	145	107
13. Transportation, Distribution, and Logistics	25	28	26	19	22	24
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	4,413	4,131	3,818	3,618	3,874	3,971
Gender						
Female	2,542	2,446	2,311	2,141	2,269	2,342
Male	1,871	1,685	1,507	1,477	1,605	1,629
Race						
Black	2,106	1,924	1,730	1,603	1,629	1,798
White	2,152	2,046	1,920	1,825	2,012	1,991
Other	155	161	168	190	233	181
Race & Gender						
Black, Female	1,317	1,259	1,136	1,044	1,030	1,157
Black, Male	789	665	594	559	599	641
White, Female	1,153	1,094	1,075	980	1,109	1,082
White, Male	999	952	845	845	903	909
Other, Female	72	93	100	117	130	102
Other, Male	83	68	68	73	103	79
Other Demographics						
1. Economically Disadvantaged	990	1,037	1,105	1,300	1,297	1,146
2. Children with Disabilities	76	61	80	108	103	86
3. English learner	15	22	26	20	48	26
4. Homeless	32	23	16	30	34	27
Ecosystem of School						
Ecosystem 1	275	286	266	239	246	262
Ecosystem 2	654	590	532	483	578	567
Ecosystem 3	248	275	214	169	175	216
Ecosystem 4	547	484	493	421	494	488
Ecosystem 5	641	586	533	530	554	569
Ecosystem 6	654	617	539	553	600	593
Ecosystem 7	382	373	315	316	333	344
Ecosystem 8	1,012	920	926	907	894	932
WIOA Region of School						
Delta	387	419	345	290	284	345
MS Partnership	1,337	1,216	1,160	1,022	1,209	1,189
South Central	1,023	959	848	846	887	913
Twin Districts	1,666	1,537	1,465	1,460	1,494	1,524
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	875	793	734	690	748	768
2. Architecture and Construction	351	359	305	273	302	318
3. Arts, A/V Technology, and Communications	232	213	186	201	183	203
4. Business, Marketing, and Finance	612	513	395	339	340	440
5. Education and Training	319	291	291	242	287	286
6. Health Science	1,110	1,027	1,093	1,052	1,089	1,074
7. Hospitality and Tourism	299	291	287	288	254	284
8. Human Services	234	252	220	200	289	239
9. Information Technology	88	80	90	77	112	89
10. Law, Public Safety, Corrections, and Security	139	180	161	149	210	168

Table 18 Continued on the Next Page

Table 18 Continued

11. Manufacturing	203	206	177	185	218	198
12. Science, Technology, Engineering, and Mathematics	267	268	232	254	250	254
13. Transportation, Distribution, and Logistics	297	239	190	194	148	214
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*Cluster added in AY2022.

**TABLE 19: COLLEGE RETENTION OF K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS 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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	3,016	2,818	2,522	2,522	2,722	2,720
Gender						
Female	1,750	1,731	1,566	1,545	1,612	1,641
Male	1,266	1,087	956	977	1,110	1,079
Race						
Black	1,377	1,293	1,113	1,091	1,136	1,202
White	1,523	1,423	1,297	1,296	1,432	1,394
Other	116	102	112	135	154	124
Race & Gender						
Black, Female	882	893	755	742	726	800
Black, Male	495	400	358	349	410	402
White, Female	813	773	745	714	801	769
White, Male	710	650	552	582	631	625
Other, Female	55	65	66	89	85	72
Other, Male	61	37	46	46	69	52
Other Demographics						
1. Economically Disadvantaged	684	700	730	918	951	797
2. Children with Disabilities	53	42	56	66	72	58
3. English learner	11	10	17	18	29	17
4. Homeless	19	16	12	23	24	19
Ecosystem of School						
Ecosystem 1	173	180	153	142	169	163
Ecosystem 2	434	364	325	278	332	347
Ecosystem 3	179	174	145	115	130	149
Ecosystem 4	350	291	286	306	338	314
Ecosystem 5	387	373	331	347	399	367
Ecosystem 6	442	435	364	370	432	409
Ecosystem 7	268	255	215	237	229	241
Ecosystem 8	783	746	703	727	693	730
WIOA Region of School						
Delta	259	259	220	196	212	229
MS Partnership	877	750	689	645	757	744
South Central	655	628	546	584	628	608
Twin Districts	1,225	1,181	1,067	1,097	1,125	1,139
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	459	409	315	300	282	353
2. Architecture and Construction	237	219	178	178	214	205
3. Arts, A/V Technology, and Communications	152	121	100	120	103	119
4. Business, Marketing, and Finance	311	304	214	187	191	241
5. Education and Training	188	199	199	166	212	193
6. Health Science	815	775	792	807	799	798
7. Hospitality and Tourism	174	183	151	175	158	168
8. Human Services	170	173	143	143	238	173
9. Information Technology	53	46	56	37	58	50
10. Law, Public Safety, Corrections, and Security	61	89	89	92	135	93

Table 19 Continued on the Next Page

Table 19 Continued

11. Manufacturing	128	132	124	129	154	133
12. Science, Technology, Engineering, and Mathematics	173	156	145	161	160	159
13. Transportation, Distribution, and Logistics	197	120	102	122	100	128
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*Cluster added in AY2022.

**TABLE 20: UNIVERSITY RETENTION OF K-12 CTE PARTICIPANTS;
NUMBER OF K-12 CTE PARTICIPANTS 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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	1,215	1,171	1,075	1,145	1,385	1,198
Gender						
Female	781	752	699	758	890	776
Male	434	419	376	387	495	422
Race						
Black	693	632	538	552	663	616
White	464	496	478	516	636	518
Other	58	43	59	77	86	65
Race & Gender						
Black, Female	468	449	390	393	459	432
Black, Male	225	183	148	159	204	184
White, Female	281	281	281	316	379	308
White, Male	183	215	197	200	257	210
Other, Female	32	22	28	49	52	37
Other, Male	26	21	31	28	34	28
Other Demographics						
1. Economically Disadvantaged	241	300	232	300	391	293
2. Children with Disabilities	<10	12	<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	116	96	110	97	83	100
Ecosystem 2	113	89	99	105	126	106
Ecosystem 3	109	113	75	76	101	95
Ecosystem 4	106	114	107	115	121	113
Ecosystem 5	293	315	253	278	412	310
Ecosystem 6	105	111	97	111	129	111
Ecosystem 7	85	90	67	90	69	80
Ecosystem 8	288	243	267	273	344	283
WIOA Region of School						
Delta	161	134	118	119	132	133
MS Partnership	283	278	273	274	299	281
South Central	378	405	320	368	481	390
Twin Districts	393	354	364	384	473	394
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	153	120	95	108	133	122
2. Architecture and Construction	65	64	45	53	79	61
3. Arts, A/V Technology, and Communications	77	78	93	73	87	82
4. Business, Marketing, and Finance	175	158	151	142	148	155
5. Education and Training	81	63	49	79	88	72
6. Health Science	400	425	396	443	506	434
7. Hospitality and Tourism	62	64	74	70	95	73
8. Human Services	66	53	56	63	97	67
9. Information Technology	22	26	27	46	68	38
10. Law, Public Safety, Corrections, and Security	49	51	40	40	66	49

Table 20 Continued on the Next Page

Table 20 Continued

11. Manufacturing	23	23	24	13	36	24
12. Science, Technology, Engineering, and Mathematics	133	131	110	120	175	134
13. Transportation, Distribution, and Logistics	32	35	32	22	26	29
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	793	784	697	758	922	791
Gender						
Female	524	501	471	506	618	524
Male	269	283	226	252	304	267
Race						
Black	461	408	375	356	475	415
White	293	343	287	345	390	332
Other	39	33	35	57	57	44
Race & Gender						
Black, Female	326	288	273	256	339	296
Black, Male	135	120	102	100	136	119
White, Female	175	197	179	214	242	201
White, Male	118	146	108	131	148	130
Other, Female	23	16	19	36	37	26
Other, Male	16	17	16	21	20	18
Other Demographics						
1. Economically Disadvantaged	162	191	159	186	273	194
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	73	66	67	66	57	66
Ecosystem 2	66	52	44	47	57	53
Ecosystem 3	68	59	53	49	69	60
Ecosystem 4	69	73	63	76	79	72
Ecosystem 5	171	215	161	189	306	208
Ecosystem 6	71	84	73	76	80	77
Ecosystem 7	64	57	49	60	51	56
Ecosystem 8	211	178	187	195	223	199
WIOA Region of School						
Delta	103	74	81	79	91	86
MS Partnership	173	176	146	159	171	165
South Central	235	272	210	249	357	265
Twin Districts	282	262	260	271	303	276
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	89	77	48	37	47	60
2. Architecture and Construction	37	30	27	29	54	35
3. Arts, A/V Technology, and Communications	48	45	46	39	42	44
4. Business, Marketing, and Finance	93	82	73	70	67	77
5. Education and Training	37	41	28	54	48	42
6. Health Science	300	326	298	338	353	323
7. Hospitality and Tourism	38	32	43	37	49	40
8. Human Services	39	26	30	40	83	44
9. Information Technology	17	18	12	16	21	17
10. Law, Public Safety, Corrections, and Security	13	23	24	20	36	23

Table 21 Continued on the Next Page

Table 21 Continued

11. Manufacturing	10	12	10	11	24	13
12. Science, Technology, Engineering, and Mathematics	78	83	62	78	116	83
13. Transportation, Distribution, and Logistics	14	19	17	12	14	15
14. CTE Dual Credit Multi-Category*	-	-	-	-	<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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	513	531	514	394	439	478
Gender						
Female	155	162	178	108	125	146
Male	358	369	336	286	314	333
Race						
Black	236	241	233	167	173	210
White	256	274	255	208	235	246
Other	21	16	26	19	31	23
Race & Gender						
Black, Female	93	97	111	54	60	83
Black, Male	143	144	122	113	113	127
White, Female	59	58	60	47	55	56
White, Male	197	216	195	161	180	190
Other, Female	<10	<10	<10	<10	10	<10
Other, Male	18	<10	19	12	21	16
Other Demographics						
1. Economically Disadvantaged	118	136	154	163	162	147
2. Children with Disabilities	18	16	18	28	29	22
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	32	32	32	31	33	32
Ecosystem 2	65	56	52	45	55	55
Ecosystem 3	32	24	33	22	18	26
Ecosystem 4	40	54	56	55	44	50
Ecosystem 5	79	74	60	46	59	64
Ecosystem 6	91	81	90	68	80	82
Ecosystem 7	41	55	32	29	28	37
Ecosystem 8	133	155	159	98	122	133
WIOA Region of School						
Delta	50	38	45	32	31	39
MS Partnership	119	128	128	121	119	123
South Central	120	129	92	75	87	101
Twin Districts	224	236	249	166	202	215
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	22	17	19	14	12	17
2. Architecture and Construction	98	102	91	88	87	93
3. Arts, A/V Technology, and Communications	16	28	21	19	11	19
4. Business, Marketing, and Finance	37	44	40	21	30	34
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	56	45	62	18	32	43
7. Hospitality and Tourism	23	38	29	31	28	30
8. Human Services	44	40	42	28	30	37
9. Information Technology	25	<10	24	11	20	17
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	95	123	111	96	120	109
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	90	82	65	61	64	72
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

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

**TABLE 23: COLLEGE ALIGNMENT OF K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS 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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	389	413	378	304	346	366
Gender						
Female	121	130	127	83	103	113
Male	268	283	251	221	243	253
Race						
Black	166	172	165	127	127	151
White	205	226	195	160	192	196
Other	18	15	18	17	27	19
Race & Gender						
Black, Female	70	77	77	41	49	63
Black, Male	96	95	88	86	78	89
White, Female	49	46	43	36	45	44
White, Male	156	180	152	124	147	152
Other, Female	<10	<10	<10	<10	<10	<10
Other, Male	16	<10	11	11	18	13
Other Demographics						
1. Economically Disadvantaged	98	108	109	126	131	114
2. Children with Disabilities	12	15	17	23	23	18
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	21	24	28	25	23	24
Ecosystem 2	54	41	39	24	39	39
Ecosystem 3	24	18	22	15	17	19
Ecosystem 4	33	32	42	38	37	36
Ecosystem 5	52	52	37	37	47	45
Ecosystem 6	65	63	60	54	63	61
Ecosystem 7	31	42	24	25	21	29
Ecosystem 8	109	141	126	86	99	112
WIOA Region of School						
Delta	35	26	32	23	22	28
MS Partnership	97	89	99	79	94	92
South Central	83	94	61	62	68	74
Twin Districts	174	204	186	140	162	173
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	18	15	<10	<10	<10	11
2. Architecture and Construction	75	82	66	66	69	72
3. Arts, A/V Technology, and Communications	13	24	16	17	11	16
4. Business, Marketing, and Finance	25	37	35	15	18	26
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	36	27	36	14	27	28
7. Hospitality and Tourism	21	33	24	25	25	26
8. Human Services	37	34	34	21	28	31
9. Information Technology	22	<10	22	<10	16	15
10. Law, Public Safety, Corrections, and Security	<10	<10	<10	<10	<10	<10

Table 23 Continued on the Next Page

Table 23 Continued

11. Manufacturing	65	94	88	81	93	84
12. Science, Technology, Engineering, and Mathematics	<10	<10	<10	<10	<10	<10
13. Transportation, Distribution, and Logistics	73	59	44	46	49	54
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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	440	424	409	420	502	439
Gender						
Female	272	237	245	265	292	262
Male	168	187	164	155	210	177
Race						
Black	233	213	202	177	218	209
White	183	189	182	210	252	203
Other	24	22	25	33	32	27
Race & Gender						
Black, Female	161	141	140	130	148	144
Black, Male	72	72	62	47	70	65
White, Female	99	88	92	118	129	105
White, Male	84	101	90	92	123	98
Other, Female	12	<10	13	17	15	13
Other, Male	12	14	12	16	17	14
Other Demographics						
1. Economically Disadvantaged	89	106	90	125	111	104
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	37	23	33	34	26	31
Ecosystem 2	34	31	34	41	37	35
Ecosystem 3	22	34	18	15	30	24
Ecosystem 4	53	44	49	48	42	47
Ecosystem 5	91	101	93	94	152	106
Ecosystem 6	42	36	43	35	49	41
Ecosystem 7	39	30	20	31	21	28
Ecosystem 8	122	125	119	122	145	127
WIOA Region of School						
Delta	30	38	28	24	40	32
MS Partnership	116	94	106	114	95	105
South Central	130	131	113	125	173	134
Twin Districts	164	161	162	157	194	168
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	26	18	16	20	20
2. Architecture and Construction	14	11	15	12	20	14
3. Arts, A/V Technology, and Communications	19	17	19	17	14	17
4. Business, Marketing, and Finance	54	45	46	46	46	47
5. Education and Training	37	29	24	27	34	30
6. Health Science	139	133	138	154	139	141
7. Hospitality and Tourism	14	13	19	<10	15	14
8. Human Services	13	<10	<10	<10	13	10
9. Information Technology	21	16	20	26	49	26
10. Law, Public Safety, Corrections, and Security	17	<10	11	12	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	86	111	85	94	130	101
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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	318	318	297	297	345	315
Gender						
Female	202	176	189	190	213	194
Male	116	142	108	107	132	121
Race						
Black	164	155	153	119	155	149
White	138	146	124	152	168	146
Other	16	17	20	26	22	20
Race & Gender						
Black, Female	114	103	108	88	108	104
Black, Male	50	52	45	31	47	45
White, Female	79	67	70	88	91	79
White, Male	59	79	54	64	77	67
Other, Female	<10	<10	11	14	14	11
Other, Male	<10	11	<10	12	<10	<10
Other Demographics						
1. Economically Disadvantaged	70	80	72	76	80	76
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	25	20	23	21	22	22
Ecosystem 2	24	20	17	19	19	20
Ecosystem 3	18	24	14	10	18	17
Ecosystem 4	33	32	39	37	30	34
Ecosystem 5	59	72	63	72	110	75
Ecosystem 6	32	29	37	27	34	32
Ecosystem 7	32	20	15	17	12	19
Ecosystem 8	95	101	89	94	100	96
WIOA Region of School						
Delta	23	27	22	14	27	23
MS Partnership	77	69	71	73	62	70
South Central	91	92	78	89	122	94
Twin Districts	127	130	126	121	134	128
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	12	21	13	<10	10	13
2. Architecture and Construction	10	<10	12	<10	16	11
3. Arts, A/V Technology, and Communications	12	14	10	11	<10	11
4. Business, Marketing, and Finance	38	30	29	24	21	28
5. Education and Training	22	22	20	21	21	21
6. Health Science	116	113	118	125	116	118
7. Hospitality and Tourism	10	10	14	<10	11	10
8. Human Services	<10	<10	<10	<10	11	<10
9. Information Technology	17	10	12	14	16	14
10. Law, Public Safety, Corrections, and Security	<10	<10	10	<10	12	<10

Table 25 Continued on the Next Page

Table 25 Continued

11. Manufacturing	<10	<10	<10	<10	<10	<10
12. Science, Technology, Engineering, and Mathematics	61	78	51	66	96	70
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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	2,914	2,971	3,781	3,862	3,847	3,475
Gender						
Female	1,150	1,150	1,542	1,648	1,617	1,421
Male	1,764	1,821	2,239	2,214	2,230	2,054
Race						
Black	1,433	1,419	1,992	2,015	1,971	1,766
White	1,387	1,425	1,639	1,663	1,676	1,558
Other	94	127	150	184	200	151
Race & Gender						
Black, Female	647	638	923	956	922	817
Black, Male	786	781	1,069	1,059	1,049	949
White, Female	457	454	557	616	609	539
White, Male	930	971	1,082	1,047	1,067	1,019
Other, Female	46	58	62	76	86	66
Other, Male	48	69	88	108	114	85
Other Demographics						
1. Economically Disadvantaged	656	772	1,217	1,469	1,401	1,103
2. Children with Disabilities	82	111	153	209	197	150
3. English learner	<10	23	31	45	57	33
4. Homeless	34	25	49	43	33	37
Ecosystem of School						
Ecosystem 1	239	268	337	316	260	284
Ecosystem 2	435	453	539	504	508	488
Ecosystem 3	155	148	211	284	266	213
Ecosystem 4	307	332	438	421	448	389
Ecosystem 5	434	385	566	578	729	538
Ecosystem 6	409	483	545	535	517	498
Ecosystem 7	197	221	292	333	294	267
Ecosystem 8	738	681	853	891	825	798
WIOA Region of School						
Delta	272	264	360	446	382	345
MS Partnership	864	937	1,165	1,079	1,100	1,029
South Central	631	606	858	911	1,023	806
Twin Districts	1,147	1,164	1,398	1,426	1,342	1,295
Industry						
Accommodation/Leisure	957	922	1,150	1,183	1,111	1,065
Administrative and Waste Services	333	360	428	393	358	374
Construction	159	178	194	194	234	192
Educational Services	28	26	16	22	25	23
Financial Activities	18	19	14	22	32	21
Health Care and Social Assistance	111	111	141	146	161	134
Information	<10	<10	10	17	24	14
Management of Companies and Enterprises	25	32	<10	12	11	16
Manufacturing	345	367	523	513	494	448
Natural Resources	37	32	28	37	23	31
Other Services (except Public Administration)	64	51	68	67	92	68
Professional, Scientific, and Technical Services	32	24	30	41	48	35

Table 26 Continued on the Next Page

Table 26 Continued

Public Administration	50	61	54	53	57	55
Transportation and Warehousing	66	55	124	120	167	106
Utilities	<10	<10	<10	<10	11	<10
Wholesale/Retail Trade	671	707	990	1,031	996	879
Industry not reported	<10	13	<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	632	607	793	770	723	705
2. Architecture and Construction	376	387	510	470	458	440
3. Arts, A/V Technology, and Communications	103	126	135	190	194	150
4. Business, Marketing, and Finance	388	284	359	340	316	337
5. Education and Training	120	146	180	224	198	174
6. Health Science	323	373	438	491	500	425
7. Hospitality and Tourism	201	236	325	306	319	277
8. Human Services	144	144	236	227	302	211
9. Information Technology	47	53	51	66	83	60
10. Law, Public Safety, Corrections, and Security	122	157	184	208	247	184
11. Manufacturing	316	383	488	494	518	440
12. Science, Technology, Engineering, and Mathematics	152	149	203	211	223	188
13. Transportation, Distribution, and Logistics	420	385	444	383	377	402
14. CTE Dual Credit Multi-Category*	-	-	-	-	15	15

*Cluster added in AY2022.

**TABLE 27: EMPLOYMENT OF K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS EMPLOYED WITHIN ONE YEAR OF K-12 GRADUATION**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	1,865	1,878	2,321	2,417	2,417	2,180
Gender						
Female	713	691	935	1,018	983	868
Male	1,152	1,187	1,386	1,399	1,434	1,312
Race						
Black	847	829	1,160	1,212	1,197	1,049
White	961	963	1,071	1,097	1,102	1,039
Other	57	86	90	108	118	92
Race & Gender						
Black, Female	382	378	550	581	559	490
Black, Male	465	451	610	631	638	559
White, Female	302	275	345	392	370	337
White, Male	659	688	726	705	732	702
Other, Female	29	38	40	45	54	41
Other, Male	28	48	50	63	64	51
Other Demographics						
1. Economically Disadvantaged	415	476	756	924	899	694
2. Children with Disabilities	54	71	80	133	110	90
3. English learner	<10	16	21	27	26	19
4. Homeless	22	17	29	24	15	21
Ecosystem of School						
Ecosystem 1	135	159	174	173	150	158
Ecosystem 2	291	297	295	285	309	295
Ecosystem 3	98	94	136	194	165	137
Ecosystem 4	195	189	254	233	245	223
Ecosystem 5	252	226	372	379	484	343
Ecosystem 6	253	311	330	332	327	311
Ecosystem 7	122	127	179	230	196	171
Ecosystem 8	519	475	581	591	541	541
WIOA Region of School						
Delta	174	165	209	296	239	217
MS Partnership	545	574	650	589	630	598
South Central	374	353	551	609	680	513
Twin Districts	772	786	911	923	868	852
Industry						
Accommodation/Leisure	587	556	699	733	693	654
Administrative and Waste Services	211	211	261	222	210	223
Construction	106	128	116	130	152	126
Educational Services	18	17	<10	17	14	15
Financial Activities	11	10	10	16	22	14
Health Care and Social Assistance	72	68	86	96	92	83
Information	<10	<10	<10	12	18	10
Management of Companies and Enterprises	17	11	<10	<10	<10	<10
Manufacturing	224	238	317	312	296	277
Natural Resources	26	27	11	24	14	20
Other Services (except Public Administration)	47	40	46	37	65	47
Professional, Scientific, and Technical Services	22	14	23	27	37	25

Table 27 Continued on the Next Page

Table 27 Continued

Public Administration	32	48	36	36	44	39
Transportation and Warehousing	37	28	68	86	103	64
Utilities	<10	<10	<10	<10	<10	<10
Wholesale/Retail Trade	440	464	625	654	642	565
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	337	315	344	323	292	322
2. Architecture and Construction	232	245	322	292	293	277
3. Arts, A/V Technology, and Communications	61	71	75	103	100	82
4. Business, Marketing, and Finance	167	139	198	178	147	166
5. Education and Training	68	85	121	145	110	106
6. Health Science	209	227	272	320	287	263
7. Hospitality and Tourism	125	145	175	166	167	156
8. Human Services	96	95	143	153	232	144
9. Information Technology	23	28	29	26	31	27
10. Law, Public Safety, Corrections, and Security	63	63	93	114	151	97
11. Manufacturing	203	259	297	325	332	283
12. Science, Technology, Engineering, and Mathematics	93	56	84	95	101	86
13. Transportation, Distribution, and Logistics	264	225	247	241	233	242
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10

*Cluster added in AY2022.

**TABLE 28: AVERAGE ANNUALIZED 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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	\$11,563	\$11,965	\$13,010	\$14,534	\$15,338	\$13,424
Gender						
Female	\$9,176	\$9,902	\$10,067	\$12,474	\$11,740	\$10,793
Male	\$13,625	\$14,103	\$15,498	\$17,575	\$18,772	\$16,054
Race						
Black	\$9,814	\$10,354	\$11,135	\$12,820	\$13,456	\$11,576
White	\$13,284	\$13,930	\$15,789	\$17,388	\$17,631	\$15,554
Other	\$13,796	\$12,052	\$15,734	\$18,722	\$17,880	\$16,396
Race & Gender						
Black, Female	\$8,664	\$9,802	\$9,656	\$12,148	\$11,602	\$10,500
Black, Male	\$10,751	\$11,031	\$12,384	\$13,855	\$15,345	\$12,880
White, Female	\$9,683	\$9,739	\$10,676	\$12,618	\$11,719	\$11,030
White, Male	\$16,383	\$16,489	\$18,711	\$21,439	\$23,993	\$19,148
Other, Female	\$13,079	\$11,347	\$12,454	\$14,477	\$16,844	\$13,562
Other, Male	\$17,852	\$12,995	\$21,361	\$23,673	\$19,233	\$19,161
Other Demographics						
1. Economically Disadvantaged	\$12,591	\$11,669	\$11,884	\$14,665	\$14,865	\$13,481
2. Children with Disabilities	\$13,685	\$13,828	\$15,795	\$13,846	\$15,869	\$14,508
3. English learner	---	\$15,857	\$14,303	\$26,707	\$19,648	\$18,737
4. Homeless	\$10,231	\$9,116	\$11,548	\$16,999	\$15,134	\$12,618
Ecosystem of School						
Ecosystem 1	\$11,312	\$11,347	\$12,693	\$14,465	\$16,219	\$12,798
Ecosystem 2	\$13,587	\$12,673	\$14,100	\$18,349	\$18,575	\$15,626
Ecosystem 3	\$8,285	\$8,114	\$9,399	\$11,512	\$11,799	\$9,900
Ecosystem 4	\$11,602	\$11,772	\$12,831	\$15,002	\$15,002	\$13,613
Ecosystem 5	\$10,969	\$11,561	\$11,692	\$14,206	\$15,225	\$13,174
Ecosystem 6	\$13,200	\$13,055	\$14,161	\$14,175	\$15,915	\$14,163
Ecosystem 7	\$11,317	\$11,669	\$12,566	\$13,793	\$13,723	\$12,690
Ecosystem 8	\$10,928	\$12,539	\$13,214	\$14,621	\$15,493	\$13,316
WIOA Region of School						
Delta	\$8,449	\$9,064	\$9,857	\$12,182	\$12,425	\$10,625
MS Partnership	\$13,303	\$11,950	\$13,740	\$16,750	\$16,995	\$14,464
South Central	\$11,010	\$11,569	\$12,048	\$14,081	\$14,510	\$13,113
Twin Districts	\$11,312	\$12,578	\$13,532	\$14,553	\$15,709	\$13,675
Industry						
Accommodation/Leisure	\$8,820	\$9,346	\$9,758	\$12,039	\$12,004	\$10,417
Administrative and Waste Services	\$13,261	\$9,497	\$12,754	\$14,039	\$16,201	\$12,993
Construction	\$23,226	\$23,864	\$22,675	\$27,597	\$32,642	\$25,570
Educational Services	\$13,869	\$6,714	\$9,297	\$18,986	\$17,911	\$15,350
Financial Activities	\$15,207	\$15,827	\$15,485	\$15,407	\$25,468	\$18,462
Health Care and Social Assistance	\$12,042	\$12,110	\$11,607	\$12,139	\$15,194	\$12,728
Information	---	---	\$8,619	\$6,717	\$13,032	\$10,396
Management of Companies and Enterprises	\$12,931	\$9,344	---	\$10,724	\$14,499	\$10,753
Manufacturing	\$19,926	\$19,768	\$21,720	\$23,428	\$23,868	\$21,918
Natural Resources	\$30,195	\$17,875	\$17,610	\$28,694	\$40,311	\$26,852
Other Services (except Public Administration)	\$12,464	\$16,198	\$17,640	\$20,299	\$20,503	\$17,640
Professional, Scientific, and Technical Services	\$12,895	\$12,723	\$15,605	\$17,972	\$10,387	\$13,934

Table 28 Continued on the Next Page

Table 28 Continued

Public Administration	\$22,355	\$13,907	\$19,021	\$23,932	\$26,646	\$21,660
Transportation and Warehousing	\$14,376	\$11,667	\$13,745	\$17,035	\$17,522	\$14,893
Utilities	---	---	---	---	\$34,640	---
Wholesale/Retail Trade	\$10,117	\$12,940	\$13,039	\$14,241	\$14,023	\$13,126
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	\$13,515	\$14,208	\$15,679	\$17,726	\$19,199	\$16,219
2. Architecture and Construction	\$13,820	\$12,951	\$15,312	\$17,965	\$17,610	\$15,394
3. Arts, A/V Technology, and Communications	\$8,759	\$9,505	\$11,558	\$13,446	\$12,808	\$11,700
4. Business, Marketing, and Finance	\$10,307	\$11,076	\$10,597	\$13,295	\$13,339	\$11,515
5. Education and Training	\$9,969	\$8,482	\$9,847	\$11,761	\$11,586	\$10,609
6. Health Science	\$8,604	\$10,296	\$9,033	\$11,634	\$10,599	\$10,304
7. Hospitality and Tourism	\$10,032	\$11,561	\$11,082	\$12,988	\$13,709	\$11,991
8. Human Services	\$8,895	\$8,995	\$10,203	\$11,318	\$13,179	\$10,645
9. Information Technology	\$8,547	\$14,477	\$11,514	\$11,226	\$15,990	\$12,044
10. Law, Public Safety, Corrections, and Security	\$12,062	\$11,027	\$12,902	\$12,946	\$15,858	\$13,068
11. Manufacturing	\$16,500	\$15,162	\$17,369	\$19,719	\$21,250	\$18,309
12. Science, Technology, Engineering, and Mathematics	\$10,636	\$11,319	\$12,120	\$14,408	\$14,953	\$12,991
13. Transportation, Distribution, and Logistics	\$14,995	\$13,820	\$15,832	\$20,640	\$20,958	\$16,879
14. CTE Dual Credit Multi-Category*	-	-	-	-	\$17,911	\$17,911

*Cluster added in AY2022.

**TABLE 29: AVERAGE ANNUALIZED EARNINGS OF EMPLOYED K-12 CTE CONCENTRATORS;
EARNINGS OF K-12 CTE CONCENTRATORS WHO ARE EMPLOYED WITHIN ONE YEAR OF K-12 GRADUATION**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	\$11,633	\$12,751	\$13,564	\$14,926	\$15,848	\$13,852
Gender						
Female	\$9,634	\$11,013	\$10,278	\$12,341	\$11,928	\$11,113
Male	\$13,758	\$14,670	\$16,270	\$18,392	\$20,465	\$16,738
Race						
Black	\$9,773	\$11,087	\$11,357	\$12,755	\$13,909	\$11,737
White	\$13,263	\$15,142	\$16,650	\$17,802	\$18,608	\$16,270
Other	\$15,010	\$12,214	\$15,434	\$18,331	\$17,563	\$16,398
Race & Gender						
Black, Female	\$9,358	\$10,890	\$9,842	\$11,654	\$11,780	\$10,805
Black, Male	\$10,059	\$11,161	\$12,996	\$13,913	\$15,980	\$13,037
White, Female	\$9,832	\$10,999	\$11,268	\$12,728	\$11,632	\$11,187
White, Male	\$16,490	\$17,528	\$18,969	\$22,366	\$24,924	\$19,747
Other, Female	\$13,079	\$11,964	\$12,108	\$13,597	\$16,844	\$13,326
Other, Male	\$18,861	\$12,298	\$21,624	\$24,611	\$20,194	\$20,194
Other Demographics						
1. Economically Disadvantaged	\$11,660	\$13,203	\$12,831	\$15,651	\$15,083	\$13,944
2. Children with Disabilities	\$13,585	\$15,464	\$15,672	\$14,362	\$15,562	\$15,008
3. English learner	---	\$16,751	\$12,251	\$27,934	\$20,589	\$18,709
4. Homeless	\$11,624	\$11,573	\$12,084	\$16,355	\$15,531	\$12,618
Ecosystem of School						
Ecosystem 1	\$10,473	\$11,627	\$14,607	\$12,710	\$15,415	\$12,707
Ecosystem 2	\$13,587	\$14,874	\$16,178	\$19,307	\$19,396	\$16,325
Ecosystem 3	\$8,589	\$8,264	\$9,088	\$10,951	\$14,205	\$10,391
Ecosystem 4	\$13,155	\$13,965	\$15,519	\$16,595	\$15,946	\$14,631
Ecosystem 5	\$11,480	\$11,795	\$11,610	\$13,946	\$15,862	\$13,345
Ecosystem 6	\$13,200	\$14,075	\$13,560	\$16,177	\$17,323	\$14,939
Ecosystem 7	\$12,375	\$11,669	\$13,313	\$15,750	\$12,956	\$13,300
Ecosystem 8	\$10,844	\$13,829	\$14,242	\$14,752	\$15,858	\$13,754
WIOA Region of School						
Delta	\$10,041	\$10,426	\$9,842	\$11,687	\$14,096	\$11,406
MS Partnership	\$13,153	\$13,688	\$15,659	\$17,507	\$17,464	\$15,249
South Central	\$11,564	\$11,732	\$12,215	\$14,302	\$14,734	\$13,326
Twin Districts	\$11,253	\$13,829	\$13,944	\$15,344	\$16,098	\$14,026
Industry						
Accommodation/Leisure	\$9,155	\$9,679	\$9,698	\$11,739	\$12,577	\$10,559
Administrative and Waste Services	\$13,138	\$10,252	\$13,339	\$13,430	\$17,448	\$13,166
Construction	\$23,904	\$26,885	\$22,729	\$28,269	\$34,723	\$27,045
Educational Services	\$15,689	\$29,380	---	\$10,808	\$28,351	\$17,712
Financial Activities	\$14,026	\$16,476	\$18,462	\$15,407	\$24,019	\$18,823
Health Care and Social Assistance	\$10,935	\$12,630	\$9,974	\$12,058	\$14,284	\$11,816
Information	---	---	---	\$8,702	\$10,396	\$10,412
Management of Companies and Enterprises	\$12,931	\$10,182	---	---	---	---
Manufacturing	\$19,385	\$22,123	\$24,138	\$25,548	\$26,850	\$23,139
Natural Resources	\$31,050	\$17,353	\$29,876	\$28,040	\$42,432	\$29,450
Other Services (except Public Administration)	\$13,225	\$16,999	\$18,128	\$23,289	\$21,586	\$18,519
Professional, Scientific, and Technical Services	\$13,215	\$14,151	\$16,320	\$20,302	\$10,622	\$14,807

Table 29 Continued on the Next Page

Table 29 Continued

Public Administration	\$22,476	\$13,907	\$22,391	\$23,000	\$31,690	\$22,347
Transportation and Warehousing	\$11,660	\$10,436	\$14,509	\$17,279	\$18,800	\$15,406
Utilities	---	---	---	---	---	---
Wholesale/Retail Trade	\$10,062	\$13,475	\$14,925	\$14,766	\$13,910	\$13,611
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	\$13,515	\$16,672	\$16,952	\$20,026	\$20,503	\$17,090
2. Architecture and Construction	\$13,819	\$12,400	\$16,420	\$18,331	\$17,786	\$15,683
3. Arts, A/V Technology, and Communications	\$9,651	\$10,064	\$12,132	\$13,307	\$14,220	\$12,502
4. Business, Marketing, and Finance	\$9,972	\$12,684	\$11,303	\$12,981	\$11,895	\$11,847
5. Education and Training	\$9,995	\$11,367	\$9,077	\$10,812	\$11,729	\$10,812
6. Health Science	\$8,057	\$11,482	\$8,887	\$11,062	\$10,396	\$9,848
7. Hospitality and Tourism	\$10,742	\$11,876	\$11,629	\$12,755	\$14,077	\$12,209
8. Human Services	\$9,912	\$8,783	\$11,135	\$11,318	\$13,644	\$11,213
9. Information Technology	\$8,664	\$14,066	\$8,224	\$11,963	\$14,269	\$12,088
10. Law, Public Safety, Corrections, and Security	\$10,936	\$12,494	\$12,637	\$14,112	\$16,360	\$13,688
11. Manufacturing	\$15,401	\$16,023	\$17,622	\$21,356	\$23,820	\$18,848
12. Science, Technology, Engineering, and Mathematics	\$11,066	\$11,024	\$12,221	\$14,158	\$14,473	\$13,266
13. Transportation, Distribution, and Logistics	\$15,001	\$15,297	\$16,351	\$21,147	\$21,813	\$17,394
14. CTE Dual Credit Multi-Category*	-	-	-	-	---	---

*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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	754	733	926	925	944	856
Gender						
Female	246	243	336	339	315	296
Male	508	490	590	586	629	561
Race						
Black	330	325	453	447	424	396
White	404	370	443	439	474	426
Other	20	38	30	39	46	35
Race & Gender						
Black, Female	137	127	192	195	176	165
Black, Male	193	198	261	252	248	230
White, Female	99	97	135	132	121	117
White, Male	305	273	308	307	353	309
Other, Female	10	19	<10	12	18	14
Other, Male	10	19	21	27	28	21
Other Demographics						
1. Economically Disadvantaged	170	183	302	356	326	267
2. Children with Disabilities	23	32	51	43	53	40
3. English learner	<10	10	<10	10	16	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	66	67	70	69	62	67
Ecosystem 2	105	100	123	120	143	118
Ecosystem 3	34	37	45	48	46	42
Ecosystem 4	79	104	132	103	120	108
Ecosystem 5	111	91	138	141	156	127
Ecosystem 6	104	126	130	115	120	119
Ecosystem 7	47	38	56	72	73	57
Ecosystem 8	208	170	232	257	224	218
WIOA Region of School						
Delta	65	64	77	83	72	72
MS Partnership	219	244	293	257	299	262
South Central	158	129	194	213	229	185
Twin Districts	312	296	362	372	344	337
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	81	86	103	96	97	93
2. Architecture and Construction	42	34	35	57	46	43
3. Arts, A/V Technology, and Communications	<10	<10	<10	<10	<10	<10
4. Business, Marketing, and Finance	126	83	94	107	93	101
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	37	31	44	43	45	40
7. Hospitality and Tourism	146	168	237	217	223	198
8. Human Services	10	12	18	30	19	18
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	19	24	29	37	33	28

Table 30 Continued on the Next Page

Table 30 Continued

11. Manufacturing	71	85	109	108	123	99
12. Science, Technology, Engineering, and Mathematics	53	49	59	67	70	60
13. Transportation, Distribution, and Logistics	183	175	208	169	202	187
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					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	452	453	531	564	544	509
Gender						
Female	142	140	205	199	176	172
Male	310	313	326	365	368	336
Race						
Black	191	171	255	253	223	219
White	252	256	260	288	291	269
Other	<10	26	16	23	30	21
Race & Gender						
Black, Female	77	73	118	112	95	95
Black, Male	114	98	137	141	128	124
White, Female	60	57	82	79	72	70
White, Male	192	199	178	209	219	199
Other, Female	<10	10	<10	<10	<10	<10
Other, Male	<10	16	11	15	21	13
Other Demographics						
1. Economically Disadvantaged	103	112	173	209	186	157
2. Children with Disabilities	14	18	26	27	30	23
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	<10	<10	<10	<10	<10	<10
Ecosystem of School						
Ecosystem 1	36	39	37	35	31	36
Ecosystem 2	60	60	60	71	82	67
Ecosystem 3	20	22	26	30	29	25
Ecosystem 4	53	53	57	41	58	52
Ecosystem 5	70	48	91	89	83	76
Ecosystem 6	57	85	81	78	72	75
Ecosystem 7	27	19	31	51	42	34
Ecosystem 8	129	127	148	169	147	144
WIOA Region of School						
Delta	38	38	41	50	41	42
MS Partnership	131	136	139	127	159	138
South Central	97	67	122	140	125	110
Twin Districts	186	212	229	247	219	219
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	49	54	50	50	44	49
2. Architecture and Construction	28	28	25	43	33	31
3. Arts, A/V Technology, and Communications	<10	<10	<10	<10	<10	<10
4. Business, Marketing, and Finance	52	44	54	69	45	53
5. Education and Training	<10	<10	<10	<10	<10	<10
6. Health Science	26	19	25	27	24	24
7. Hospitality and Tourism	88	109	137	123	123	116
8. Human Services	<10	11	13	21	18	14
9. Information Technology	<10	<10	<10	<10	<10	<10
10. Law, Public Safety, Corrections, and Security	<10	11	15	16	20	14

Table 31 Continued on the Next Page

Table 31 Continued

11. Manufacturing	41	62	70	84	79	67
12. Science, Technology, Engineering, and Mathematics	32	16	20	26	26	24
13. Transportation, Distribution, and Logistics	119	102	124	102	129	115
14. CTE Dual Credit Multi-Category*	-	-	-	-	-	-

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

**TABLE 32: RECEIPT OF PUBLIC ASSISTANCE FOR K-12 CTE PARTICIPANTS;
NUMBER OF K-12 CTE PARTICIPANTS RECEIVE PUBLIC ASSISTANCE BENEFITS
WITHIN ONE YEAR OF GRADUATION**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	1,130	1,436	1,762	1,274	1,214	1,363
Gender						
Female	529	688	875	639	594	665
Male	601	748	887	635	620	698
Race						
Black	830	950	1,317	1,004	945	1,009
White	268	429	391	227	224	308
Other	32	57	54	43	45	46
Race & Gender						
Black, Female	408	469	683	522	464	509
Black, Male	422	481	634	482	481	500
White, Female	106	186	164	101	105	132
White, Male	162	243	227	126	119	175
Other, Female	15	33	28	16	25	23
Other, Male	17	24	26	27	20	23
Other Demographics						
1. Economically Disadvantaged	296	432	652	548	510	488
2. Children with Disabilities	24	57	79	93	71	65
3. English learner	<10	10	<10	<10	13	<10
4. Homeless	18	21	36	22	17	23
Ecosystem of School						
Ecosystem 1	92	112	148	99	72	105
Ecosystem 2	86	168	190	96	89	126
Ecosystem 3	141	157	182	182	194	171
Ecosystem 4	126	180	219	143	154	164
Ecosystem 5	176	197	309	232	266	236
Ecosystem 6	156	193	239	165	135	178
Ecosystem 7	111	136	163	147	122	136
Ecosystem 8	242	293	312	210	182	248
WIOA Region of School						
Delta	215	236	286	261	245	249
MS Partnership	230	381	453	259	264	317
South Central	287	333	472	379	388	372
Twin Districts	398	486	551	375	317	425
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	179	218	278	206	159	208
2. Architecture and Construction	159	207	243	158	156	185
3. Arts, A/V Technology, and Communications	37	57	74	71	68	61
4. Business, Marketing, and Finance	210	169	201	133	107	164
5. Education and Training	56	86	100	90	79	82
6. Health Science	122	157	220	151	155	161
7. Hospitality and Tourism	81	132	169	100	111	119
8. Human Services	81	100	156	97	150	117
9. Information Technology	14	23	18	35	24	23
10. Law, Public Safety, Corrections, and Security	41	91	102	87	81	80
11. Manufacturing	98	145	177	128	147	139

Table 32 Continued on the Next Page

Table 32 Continued

12. Science, Technology, Engineering, and Mathematics	57	85	85	61	70	72
13. Transportation, Distribution, and Logistics	151	162	177	106	91	137
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10
Data after this point will not sum to total row due to students enrolling in multiple programs						
Public Assistance						
SNAP	1,118	1,018	1,279	1,244	1,185	1,169
TANF	21	14	11	10	<10	12
UI	15	667	781	48	44	311

*Cluster added in AY2022.

**TABLE 33: RECEIPT OF PUBLIC ASSISTANCE FOR K-12 CTE CONCENTRATORS;
NUMBER OF K-12 CTE CONCENTRATORS WHO RECEIVE PUBLIC ASSISTANCE BENEFITS
WITHIN ONE YEAR OF GRADUATION**

	Year Student Graduated from K-12					
	AY2018	AY2019	AY2020	AY2021	AY2022	Average
Total	689	885	1,034	767	734	822
Gender						
Female	324	413	519	394	356	401
Male	365	472	515	373	378	421
Race						
Black	489	567	754	599	565	595
White	178	280	248	151	141	200
Other	22	38	32	17	28	27
Race & Gender						
Black, Female	243	281	402	323	279	306
Black, Male	246	286	352	276	286	289
White, Female	71	112	100	68	64	83
White, Male	107	168	148	83	77	117
Other, Female	10	20	17	<10	13	13
Other, Male	12	18	15	14	15	15
Other Demographics						
1. Economically Disadvantaged	180	262	393	330	311	295
2. Children with Disabilities	13	31	39	61	39	37
3. English learner	<10	<10	<10	<10	<10	<10
4. Homeless	12	12	19	14	<10	13
Ecosystem of School						
Ecosystem 1	48	66	65	58	34	54
Ecosystem 2	56	98	92	57	49	70
Ecosystem 3	85	104	122	124	123	112
Ecosystem 4	81	97	113	66	86	89
Ecosystem 5	101	116	201	152	184	151
Ecosystem 6	78	127	132	81	69	97
Ecosystem 7	74	75	96	96	74	83
Ecosystem 8	166	202	213	133	115	166
WIOA Region of School						
Delta	128	154	168	174	149	155
MS Partnership	142	211	224	131	143	170
South Central	175	191	297	248	258	234
Twin Districts	244	329	345	214	184	263
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	115	105	84	67	91
2. Architecture and Construction	103	120	147	94	90	111
3. Arts, A/V Technology, and Communications	20	33	36	41	35	33
4. Business, Marketing, and Finance	95	83	106	71	51	81
5. Education and Training	32	53	67	59	46	51
6. Health Science	74	88	122	92	85	92
7. Hospitality and Tourism	46	81	85	56	54	64
8. Human Services	59	72	103	70	114	84
9. Information Technology	<10	15	10	12	<10	10
10. Law, Public Safety, Corrections, and Security	20	38	48	45	42	39
11. Manufacturing	59	95	104	71	85	83

Table 33 Continued on the Next Page

Table 33 Continued

12. Science, Technology, Engineering, and Mathematics	32	30	33	27	19	28
13. Transportation, Distribution, and Logistics	85	88	90	59	58	76
14. CTE Dual Credit Multi-Category*	-	-	-	-	<10	<10
Data after this point will not sum to total row due to students enrolling in multiple programs						
Public Assistance						
SNAP	685	620	749	749	716	704
TANF	15	11	<10	<10	<10	<10
UI	<10	411	466	32	29	189

*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

Table 34 Continued on the Next Page

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

Table 34 Continued on the Next Page

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

Table 34 Continued on the Next Page

Table 34 Continued

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

TABLE 35: UNIVERSITY CTE CLUSTER CROSSWALK

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

Table 35 Continued on the Next Page

Table 35 Continued

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

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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

Table 35 Continued on the Next Page

Table 35 Continued

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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Table 35 Continued

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 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
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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Table 35 Continued

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

Table 36 Continued on the Next Page

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



SLDS

**Statewide Longitudinal
Data System**

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