



Mohammed Choudhury
State Superintendent of Schools

December 1, 2021

The Honorable Larry Hogan
State House
100 State Circle
Annapolis, Maryland 21401-1925

The Honorable Bill Ferguson
Senate President
State House, H107
Annapolis, Maryland 21401

The Honorable Adrienne A. Jones
Speaker of the House
State House, H101
Annapolis, Maryland 21401

Dear Governor Hogan, President Ferguson, and Speaker Jones:

The Maryland State Department of Education (MSDE) is required to report annually to the Governor and General Assembly on the progress toward attaining the goals established in subsections (a) and (b) of section 21-204 of the Career Youth and Public Sector Apprenticeship Act (Chapter 403, Acts of 2018) and the More Jobs for Marylanders Act of 2017 (Chapter 149, Acts of 2017). Attached is the required report.

Should you have any questions regarding this report, please contact Ary Amerikaner, Chief of Staff, at ary.amerikaner@maryland.gov or 410-767-0090.

Best Regards,

Mohammed Choudhury
State Superintendent of Schools



More Jobs for Marylanders Act Annual Report

Division of Career and College Readiness

November 2021 Legislative Report



MARYLAND STATE DEPARTMENT OF EDUCATION

Mohammed Choudhury

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Background

The Maryland State Department of Education (MSDE) is committed to ensuring that all students have the opportunity to engage in career and technical education (CTE) programs of study that align to high-skill, high-wage, or in-demand careers; lead to earning industry-recognized and/or postsecondary credentials that will allow entrance and/or advancement in a specific career field; and provide work-based learning experiences that require the application of academic and technical knowledge and skills in a work setting.

There are over 100 CTE programs of study implemented in Maryland public schools that are aligned to academic and industry standards and designed to fulfill Maryland's current and future workforce needs. A CTE program of study is a sequence of increasingly rigorous, non-duplicative courses that equip students with the knowledge and skills for entry or advancement in current or emerging professions. Statewide articulation agreements for each state-developed CTE program of study (except for cosmetology) allow students from any local school system to earn credits at two- or four-year colleges or universities. Industry partnerships provide the opportunity for students to complete internships, apprenticeships, or other work-based learning experiences. Enrollment in CTE programs continue to increase. In the 2020-2021 school year, 44.18% of Maryland public high school students are enrolled in a CTE program of study, representing a 9.3% increase from the previous year.

The goal for CTE is established in The More Jobs for Marylanders Act and Career Youth and Public Sector Apprenticeship Act, which states that by January 1, 2025, 45% of high school students prior to graduation will complete a CTE program of study, earn an industry-recognized credential, or complete a registered youth or other apprenticeship. The State Board of Education is required to provide an annual report to the Governor and General Assembly on progress towards attainment of the 45% goal. This report shares the progress towards attainment of the 45% goal by 2025.

Defining Career and Technical Education Completion, Industry Credentials, and Apprenticeships

The 45% goal established by legislation can be met through completing a CTE program of study, earning an industry credential, or completing a registered apprenticeship. Data shared in this report is informed by the definition for each of the aforementioned categories.

COMPLETING A CTE PROGRAM

CTE completion requires students to fulfill all requirements of a MSDE-approved CTE program of study and exit high school with a diploma or certificate.

EARNING AN INDUSTRY-RECOGNIZED OCCUPATIONAL OR SKILL CREDENTIAL

An industry-recognized occupational or skill credential is a verification of an individual's qualification and competence in a specific career area. Credentials are issued by a qualified third-party such as a vendor, industry association, or governing board after an individual has completed an assessment demonstrating proficiency for a specific skill set. Credentials are recognized by business and industry at the local, state, or national level.

Only state-approved industry credentials aligned with a MSDE-approved CTE program of study are identified in this report. This report identifies industry credentials earned by CTE concentrators prior to graduation. CTE concentrators are students that have completed two courses in a CTE program of study and have enrolled in a third course.

COMPLETING A REGISTERED YOUTH OR OTHER APPRENTICESHIP

Completion of a registered youth or other apprenticeship is defined as the completion of a work-based learning experience included as part of a school-to-apprenticeship program in collaboration with selected sponsors of registered apprenticeship programs, the Apprenticeship Maryland program, and/or other apprenticeship training programs approved by the Maryland Apprenticeship and Training Council (MATC) in accordance with § 11-405 of the labor and employment article.

Apprenticeship work-based learning experiences must take place at a work site and must be a paid experience (at least minimum wage) with a minimum of 450 hours. Youth apprenticeship programs are administered in partnership with local school systems. This report identifies registered apprenticeship programs, Apprenticeship Maryland programs, and other apprenticeship training programs approved by the MATC completed by students prior to graduation.

Baseline and Projected Data

In 2017, the Governor’s Workforce Development Board, Maryland Department of Labor, and MSDE collaborated to establish projected targets to meet the 45% goal by January 2025. The December 2017 More Jobs for Marylanders Act Report identified that in the class of 2016, 22.84% of high school graduates completed a CTE program of study and 3.7% of students earned an industry credential as a CTE concentrator. At that time, data was not available on students completing a youth or other registered apprenticeship. Based on the reported CTE enrollment and program offerings in 2016, it was projected that to reach the 45% goal by January 2025, the following interim goals would be both ambitious and attainable:

TABLE 1: PROJECTIONS ESTABLISHED IN 2017 TO REACH THE 45% GOAL BASED ON 2016 DATA

Reporting Year	2017	2018	2019	2020	2021	2022	2023	2024
Percent of students meeting 45% goal	26.5%	27.5%	29.0%	31.0%	33.5%	36.5%	40.0%	45.0%
Number of students meeting 45% goal	15,423	15,962	16,832	17,993	19,444	21,185	23,217	26,119

Since 2016, CTE completion rates have shown an upward trend. Of the 58,887 high school students who graduated in 2021, **14,075** high school graduates completed a CTE program of study; **3,347** high school graduates earned an industry credential as a CTE concentrator; and **162** high school graduates completed a registered youth or other apprenticeship.

In 2021, many high school graduates completed more than one of the 45% measures (e.g., completed a CTE program and earned an industry credential, or completed an apprenticeship and earned an industry credential). The data in this report avoids duplicate counting of students. The 2021 outcomes reveal that 25.03% of the class of 2021 completed a CTE program, earned an industry credential as a CTE concentrator, or completed a registered youth or other apprenticeship as identified in [Table 2](#). This demonstrates a slight increase from the prior year.

Based on analysis of actual outcomes reported toward the 45% state goal, local school systems in Maryland will need to increase the number of high school graduates who complete a CTE program of study, earn an industry credential, or complete an apprenticeship to nearly twice as many students (from 14,740 to 27,253). [Table 2](#) identifies the revised interim goals based on actual data from 2017 through 2021.

TABLE 2: REVISED PROJECTIONS TO REACH THE 45% GOAL BASED ON 2017- 2021 DATA

Reporting Year	<u>Actual Percent and Number of Students Meeting 45% Goal</u>					<u>Projected Percent and Number of Students Required to Meet 45% Goal</u>			
	2017	2018	2019	2020	2021	2022	2023	2024	
Percent of students meeting 45% goal	22.47%	23.44%	24.21%	23.24%	25.03%	33.00%	39.00%	45.00%	
Number of students meeting 45% goal	12,990	13,654	14,001	14,075	14,740	19,985	23,620	27,253	

2021 Outcome Data

Data for this report was submitted by each of Maryland's 24 school systems and The SEED School of Maryland to the Division of Career and College Readiness and the Division of Assessment, Accountability, and Performance Reporting at MSDE in alignment with data collection protocols. Data represented in this report identifies the number of high school students who, prior to graduation, completed a CTE program of study, earned an industry-recognized occupational or skill credential as a CTE concentrator, or completed a registered youth or other apprenticeship.

Table 3 identifies the number and percentage of graduates in each high school that completed a CTE program of study, earned an industry credential as a CTE concentrator, or completed a registered youth or other apprenticeship. Once a student meets criteria for one category, then the student is removed from additional category counts. For example, a student that completed a CTE program of study and earned an industry credential is only counted as completing a CTE program of study. This avoids counting the same student multiple times in calculating the 45% goal attainment.

The table identifies:

- **Total Number of Graduates** – Total number of students that graduated in the school.
- **Total Number of Graduates that Completed a CTE Program** – Total number of students that graduated and completed a CTE program in the school.
- **Total Number of Graduates that were CTE Concentrators and Earned an Industry Credential** – Total number of CTE concentrators that graduated and earned an industry credential. These students were not included in the count for CTE graduates that completed a CTE program of study or in the apprenticeship count.
- **Total Number of Graduates that Completed a Registered Youth or Apprenticeships** – Total number of students that completed an apprenticeship. These students were not included in the count for CTE graduates or students that earned a credential.

The table also identifies the total number of graduates meeting 45% goal, percentage of graduates meeting 45% goal, and number of additional graduates needed to meet 45% goal.

TABLE 3: 2021 HIGH SCHOOL OUTCOME DATA TOWARD REACHING THE 45%

School System	School	Total Number of Graduates	Total Number of Graduates that Completed a CTE Program	Total Number of Graduates that were CTE Concentrators and Earned an Industry Credential	Total Number of Graduates that Completed a Registered Youth/Other Apprenticeship	Total Number of Graduates Meeting 45% Goal	Percentage of Graduates Meeting 45% Goal	Number of Additional Graduates Needed to Meet 45% Goal
Allegany	Allegany High	156	28	0	0	28	17.95	42
Allegany	Center for Career & Technical Education	113	109	0	0	109	96.46	0
Allegany	Fort Hill High	145	17	0	0	17	11.72	48
Allegany	Mountain Ridge High School	158	16	0	0	16	10.13	55
Anne Arundel	Annapolis High	413	*	*	*	46	11.14	140
Anne Arundel	Anne Arundel Evening High	85	13	0	0	13	15.29	25
Anne Arundel	Arundel High	507	*	*	*	58	11.44	170
Anne Arundel	Broadneck High	515	*	*	*	52	10.10	180
Anne Arundel	Central Special School	*	0	0	0	0	0.00	*
Anne Arundel	Chesapeake High	332	49	0	0	49	14.76	100
Anne Arundel	Chesapeake Science Point	55	0	0	0	0	0.00	25
Anne Arundel	Glen Burnie High	480	78	0	0	78	16.25	138
Anne Arundel	Marley Glen School	*	0	0	0	0	0.00	*
Anne Arundel	Meade High	413	*	*	*	60	14.53	126
Anne Arundel	North County High	475	*	*	*	42	8.84	172
Anne Arundel	Northeast High	349	83	0	0	83	23.78	74

School System	School	Total Number of Graduates	Total Number of Graduates that Completed a CTE Program	Total Number of Graduates that were CTE Concentrators and Earned an Industry Credential	Total Number of Graduates that Completed a Registered Youth/Other Apprenticeship	Total Number of Graduates Meeting 45% Goal	Percentage of Graduates Meeting 45% Goal	Number of Additional Graduates Needed to Meet 45% Goal
Anne Arundel	Old Mill High	566	59	0	0	59	10.42	196
Anne Arundel	Phoenix Academy	*	*	*	*	*	36.36	*
Anne Arundel	Ruth Parker Eason School	*	0	0	0	0	0.00	*
Anne Arundel	Severna Park High	489	18	0	0	18	3.68	202
Anne Arundel	South River High	504	*	*	*	57	11.31	170
Anne Arundel	Southern High	236	49	0	0	49	20.76	57
Baltimore City	Academy for College and Career Exploration	*	*	*	*	*	3.39	*
Baltimore City	Achievement Academy at Harbor City High	*	*	*	*	*	17.07	*
Baltimore City	Augusta Fells Savage Institute of Visual Arts	*	*	*	*	*	10.00	*
Baltimore City	Baltimore City College	300	0	0	0	0	0.00	135
Baltimore City	Baltimore Design School	63	39	0	0	39	61.90	0
Baltimore City	Baltimore Leadership School for Young Women	47	0	0	0	0	0.00	21
Baltimore City	Baltimore Polytechnic Institute	375	49	0	0	49	13.07	120
Baltimore City	Baltimore School for the Arts	109	0	0	0	0	0.00	49
Baltimore City	Bard High School Early College	97	0	0	0	0	0.00	44
Baltimore City	Benjamin Franklin High School at Masonville Cove	65	20	0	0	20	30.77	10

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Baltimore City	Bluford Drew Jemison STEM Academy West	*	0	0	0	0	0.00	*
Baltimore City	Carver Vocational-Technical High	133	*	*	*	111	83.46	0
Baltimore City	City Neighbors High	90	0	0	0	0	0.00	41
Baltimore City	Claremont School	10	0	0	0	0	0.00	5
Baltimore City	ConneXions: A Community Based Arts School	42	0	0	0	0	0.00	19
Baltimore City	Coppin Academy	65	0	0	0	0	0.00	29
Baltimore City	Digital Harbor High School	175	101	0	0	101	57.71	0
Baltimore City	Edmondson-Westside High	158	130	0	0	130	82.28	0
Baltimore City	Excel Academy at Francis M. Wood High	55	15	0	0	15	27.27	10
Baltimore City	Forest Park High	98	39	0	0	39	39.80	5
Baltimore City	Frederick Douglass High	104	*	*	*	13	12.50	34
Baltimore City	George W. F. McMechen High	*	0	0	0	0	0.00	*
Baltimore City	Green Street Academy	106	50	0	0	50	47.17	0
Baltimore City	Independence School Local I	29	0	0	0	0	0.00	13
Baltimore City	Joseph C. Briscoe Academy	*	*	*	*	*	14.29	*
Baltimore City	Mergenthaler Vocational-Technical High	296	*	*	*	265	89.53	0

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Baltimore City	National Academy Foundation	106	64	0	0	64	60.38	0
Baltimore City	New Era Academy	40	15	0	0	15	37.50	3
Baltimore City	Patterson High	192	91	0	0	91	47.40	0
Baltimore City	Paul Laurence Dunbar High	144	32	0	0	32	22.22	33
Baltimore City	Reginald F. Lewis High	*	*	*	*	*	4.76	*
Baltimore City	Renaissance Academy	18	0	0	0	0	0.00	9
Baltimore City	The Reach! Partnership School	93	54	0	0	54	58.06	0
Baltimore City	Vivien T. Thomas Medical Arts Academy	54	45	0	0	45	83.33	0
Baltimore City	Western High	282	78	0	0	78	27.66	49
Baltimore City	William S. Baer School	*	0	0	0	0	0.00	*
Baltimore Co.	BCDC Educational Center	*	0	0	0	0	0.00	*
Baltimore Co.	Catonsville High	406	79	0	0	79	19.46	104
Baltimore Co.	Chesapeake High	232	76	0	0	76	32.76	28
Baltimore Co.	Dulaney High	458	79	0	0	79	17.25	127
Baltimore Co.	Dundalk High	348	155	0	0	155	44.54	2
Baltimore Co.	Eastern Technical High School	275	217	0	0	217	78.91	0

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Baltimore Co.	Franklin High	348	52	0	0	52	14.94	105
Baltimore Co.	George W. Carver Center for Arts & Technology	242	71	0	0	71	29.34	38
Baltimore Co.	Hereford High	323	40	0	0	40	12.38	105
Baltimore Co.	Kenwood High	352	118	0	0	118	33.52	40
Baltimore Co.	Lansdowne High	300	61	0	0	61	20.33	74
Baltimore Co.	Loch Raven High	*	*	*	*	*	3.83	*
Baltimore Co.	Maiden Choice School	*	0	0	0	0	0.00	*
Baltimore Co.	Milford Mill Academy	292	*	*	*	80	27.40	51
Baltimore Co.	New Town High	254	34	0	0	34	13.39	80
Baltimore Co.	Overlea High	189	31	0	0	31	16.40	54
Baltimore Co.	Owings Mills High	215	34	0	0	34	15.81	63
Baltimore Co.	Parkville High	418	125	0	0	125	29.90	63
Baltimore Co.	Patapsco High and Center for Arts	333	68	0	0	68	20.42	82
Baltimore Co.	Perry Hall High	511	116	0	0	116	22.70	114
Baltimore Co.	Pikesville High	259	89	0	0	89	34.36	28
Baltimore Co.	Randallstown High	218	40	0	0	40	18.35	58
Baltimore Co.	Ridge/Ruxton School	*	0	0	0	0	0.00	*

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Baltimore Co.	Rosedale Center	*	0	0	0	0	0.00	*
Baltimore Co.	Southeast EDLP at Dundalk High School	*	0	0	0	0	0.00	*
Baltimore Co.	Sparrows Point High	253	69	0	0	69	27.27	45
Baltimore Co.	Towson High	442	12	0	0	12	2.71	187
Baltimore Co.	Western School of Technology	211	137	0	0	137	64.93	0
Baltimore Co.	Woodlawn High	350	54	0	0	54	15.43	104
Calvert	Calvert Country School	*	0	0	0	0	0.00	*
Calvert	Calvert High	285	146	0	0	146	51.23	0
Calvert	Huntingtown High School	370	*	*	*	153	41.35	14
Calvert	Northern High	363	140	0	0	140	38.57	23
Calvert	Patuxent High	263	104	0	0	104	39.54	14
Caroline	Colonel Richardson High School	121	74	0	0	74	61.16	0
Caroline	North Caroline High School	253	106	*	*	124	49.01	0
Carroll	Carroll Springs School	*	0	0	0	0	0.00	*
Carroll	Century High	287	114	*	*	129	44.95	0
Carroll	Flexible Student Support	*	*	*	*	*	12.50	*
Carroll	Francis Scott Key High	201	*	*	*	100	49.75	0

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Carroll	Gateway School	*	*	*	*	*	21.43	*
Carroll	Liberty High	239	*	*	*	87	36.40	21
Carroll	Manchester Valley High	274	*	*	*	105	38.32	18
Carroll	Post Secondary Program	19	0	0	0	0	0.00	9
Carroll	South Carroll High	248	*	*	*	94	37.90	18
Carroll	Westminster High	405	152	*	*	167	41.23	15
Carroll	Winters Mill High	248	*	*	*	85	34.27	27
Cecil	Bohemia Manor High	141	46	0	0	46	32.62	17
Cecil	Elkton High	236	*	*	*	79	33.47	27
Cecil	North East High	233	*	*	*	89	38.20	16
Cecil	Perryville High	187	*	*	*	50	26.74	34
Cecil	Rising Sun High	263	97	0	0	97	36.88	21
Charles	Henry E. Lackey High School	239	88	0	0	88	36.82	20
Charles	La Plata High School	285	*	*	*	98	34.39	30
Charles	Maurice J. McDonough High School	243	84	0	0	84	34.57	25
Charles	North Point High School	443	*	*	*	245	55.30	0
Charles	St. Charles High School	301	*	*	*	106	35.22	29

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Charles	Thomas Stone High School	250	*	*	*	51	20.40	62
Charles	Westlake High School	260	88	0	0	88	33.85	29
Dorchester	Cambridge-South Dorchester High School	142	*	*	*	43	30.28	21
Dorchester	North Dorchester High School	126	67	0	0	67	53.17	0
Frederick	Brunswick High	184	47	0	0	47	25.54	36
Frederick	Catoctin High	157	50	0	0	50	31.85	21
Frederick	Frederick High	332	70	0	0	70	21.08	79
Frederick	Gov. Thomas Johnson High	386	92	0	0	92	23.83	82
Frederick	Heather Ridge	*	*	*	*	*	28.57	*
Frederick	Linganore High	317	110	0	0	110	34.70	33
Frederick	Middletown High	285	50	0	0	50	17.54	78
Frederick	Oakdale High	314	65	0	0	65	20.70	76
Frederick	Rock Creek	*	0	0	0	0	0.00	*
Frederick	Tuscarora High	360	84	0	0	84	23.33	78
Frederick	Urbana High	460	52	0	0	52	11.30	155
Frederick	Walkersville High	264	62	0	0	62	23.48	57
Garrett	Northern Garrett High School	105	85	0	0	85	80.95	0

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Garrett	Southern Garrett High School	154	122	0	0	122	79.22	0
Harford	Aberdeen High	294	94	0	0	94	31.97	38
Harford	Bel Air High	370	163	0	0	163	44.05	
Harford	C. Milton Wright High	296	120	0	0	120	40.54	13
Harford	Center for Educational Opportunity	22	0	0	0	0	0.00	10
Harford	Edgewood High	281	69	0	0	69	24.56	57
Harford	Fallston High	225	54	0	0	54	24.00	47
Harford	Harford Technical High	240	239	0	0	239	99.58	0
Harford	Havre de Grace High	*	*	*	*	*	0.80	*
Harford	John Archer School	*	*	*	*	*	4.35	*
Harford	Joppatowne High	159	84	0	0	84	52.83	0
Harford	North Harford High	279	144	0	0	144	51.61	0
Harford	Patterson Mill High School	189	46	0	0	46	24.34	39
Howard	Atholton High	389	139	0	0	139	35.73	36
Howard	Cedar Lane Special Center	*	0	0	0	0	0.00	*
Howard	Centennial High	389	63	0	0	63	16.20	112
Howard	Glenelg High	291	79	0	0	79	27.15	52

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Howard	Hammond High	330	66	0	0	66	20.00	83
Howard	Homewood School	30	17	0	0	17	56.67	0
Howard	Howard High	479	*	*	*	144	30.06	72
Howard	Long Reach High	366	*	*	*	114	31.15	51
Howard	Marriotts Ridge High	355	68	0	0	68	19.15	92
Howard	Mount Hebron High	386	99	0	0	99	25.65	75
Howard	Oakland Mills High	273	51	0	0	51	18.68	72
Howard	Reservoir High	429	59	0	0	59	13.75	134
Howard	River Hill High	320	64	0	0	64	20.00	80
Howard	Wilde Lake High	337	68	0	0	68	20.18	84
Kent	Kent County High	144	102	0	0	102	70.83	0
Montgomery	Albert Einstein High	433	42	0	0	42	9.70	153
Montgomery	Bethesda-Chevy Chase High	535	19	*	*	31	5.79	210
Montgomery	Clarksburg High	535	51	*	*	66	12.34	175
Montgomery	Col. Zadok Magruder High	383	70	*	*	88	22.98	84
Montgomery	Damascus High	336	*	*	*	36	10.71	115
Montgomery	Gaithersburg High	497	*	*	*	144	28.97	80

School System	School	Total Number of Graduates	Total Number of Graduates that Completed a CTE Program	Total Number of Graduates that were CTE Concentrators and Earned an Industry Credential	Total Number of Graduates that Completed a Registered Youth/Other Apprenticeship	Total Number of Graduates Meeting 45% Goal	Percentage of Graduates Meeting 45% Goal	Number of Additional Graduates Needed to Meet 45% Goal
Montgomery	James Hubert Blake High	414	*	*	*	24	5.80	162
Montgomery	John F. Kennedy High	399	*	*	*	74	18.55	106
Montgomery	John L Gildner Regional Inst for Children & Adol	*	*	*	*	*	14.29	*
Montgomery	Longview School	*	0	0	0	0	0.00	*
Montgomery	Montgomery Blair High	749	*	*	*	41	5.47	296
Montgomery	Northwest High	646	49	*	*	84	13.00	207
Montgomery	Northwood High School	360	*	*	*	30	8.33	132
Montgomery	Paint Branch High	448	42	*	*	60	13.39	142
Montgomery	Poolesville High	293	*	39	*	53	18.09	79
Montgomery	Quince Orchard High	542	55	*	*	72	13.28	172
Montgomery	Richard Montgomery High	602	*	*	*	26	4.32	245
Montgomery	Rock Terrace School	14	0	0	0	0	0.00	7
Montgomery	Rockville High	332	*	*	*	35	10.54	114
Montgomery	Seneca Valley High	268	*	32	*	62	23.13	59
Montgomery	Sherwood High	491	65	*	*	109	22.20	112
Montgomery	Springbrook High	375	*	70	*	117	31.20	52
Montgomery	Stephen Knolls School	*	0	0	0	0	0.00	*

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Montgomery	Thomas S. Wootton High	522	34	*	*	54	10.34	181
Montgomery	Walt Whitman High	513	*	35	*	49	9.55	182
Montgomery	Walter Johnson High	634	22	0	0	22	3.47	263
Montgomery	Watkins Mill High	353	63	*	*	78	22.10	81
Montgomery	Wheaton High	473	162	*	*	232	49.05	0
Montgomery	Winston Churchill High	535	19	0	0	19	3.55	222
Prince George's	Academy of Health Sciences at PGCC	127	0	0	0	0	0.00	57
Prince George's	Bladensburg High	303	*	*	*	51	16.83	85
Prince George's	Bowie High	618	*	*	*	80	12.94	198
Prince George's	C. Elizabeth Rieg Regional Center	*	0	0	0	0	0.00	*
Prince George's	Career and Technical Education Evening High	*	*	*	*	*	20.00	*
Prince George's	Central High	*	*	*	*	*	5.04	*
Prince George's	Charles Herbert Flowers High	523	*	*	*	116	22.18	119
Prince George's	Chesapeake Math and IT Public Charter	111	0	0	0	0	0.00	50
Prince George's	Chesapeake Math and IT South Public Charter	91	14	0	0	14	15.38	27
Prince George's	College Park Academy	63	0	0	0	0	0.00	28

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Prince George's	Community Based Classrooms	*	*	*	*	*	8.96	*
Prince George's	Croom High	*	*	*	*	*	15.56	*
Prince George's	Crossland Evening/Saturday High	13	0	0	0	0	0.00	6
Prince George's	Crossland High	183	*	*	*	68	37.16	14
Prince George's	Dr. Henry A. Wise, Jr. High	478	*	*	*	92	19.25	123
Prince George's	Duval High	398	76	*	*	87	21.86	92
Prince George's	Eleanor Roosevelt High	*	*	*	*	*	1.41	*
Prince George's	Fairmont Heights High	*	*	*	*	*	3.68	*
Prince George's	Frederick Douglass High	*	*	*	*	*	1.22	*
Prince George's	Friendly High	167	62	0	0	62	37.13	13
Prince George's	Gwynn Park High	221	34	0	0	34	15.38	65
Prince George's	High Point High	409	*	*	*	42	10.27	142
Prince George's	International High School @ Langley Park	50	0	0	0	0	0.00	23
Prince George's	International High school @ Largo	78	0	0	0	0	0.00	35
Prince George's	James E. Duckworth Regional Center	*	*	*	*	*	*	*
Prince George's	Largo High	234	*	*	*	48	20.51	57

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Prince George's	Laurel High	366	*	*	*	52	14.21	113
Prince George's	Northwestern Evening/Saturday High	30	0	0	0	0	0.00	14
Prince George's	Northwestern High	438	41	0	0	41	9.36	156
Prince George's	Oxon Hill High	308	33	11	0	44	14.29	95
Prince George's	Parkdale High	442	*	*	*	52	11.76	147
Prince George's	Potomac High	*	*	*	*	*	3.95	*
Prince George's	Suitland High	344	*	*	*	62	18.02	93
Prince George's	Surrattsville High	139	*	*	*	15	10.79	48
Prince George's	Tall Oaks High	*	*	*	*	*	12.07	*
Queen Anne's	Kent Island High School	271	*	*	*	82	30.26	40
Queen Anne's	Queen Anne's County High School	289	*	*	*	167	57.79	0
SEED	The Seed School of Maryland	*	0	0	0	0	0.00	*
Saint Mary's	Chopticon High	398	*	*	*	187	46.98	0
Saint Mary's	Great Mills High	364	188	0	0	188	51.65	0
Saint Mary's	Leonardtwn High	438	*	*	*	179	40.87	0
Somerset	Crisfield Academy and High School	75	*	*	*	46	61.33	0

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Somerset	Washington Academy and High School	80	*	*	*	51	63.75	0
St. Mary's	Chopticon High	398	*	*	*	187	46.98	0
St. Mary's	Great Mills High	364	188	0	0	188	51.65	0
St. Mary's	Leonardtown High	438	*	*	*	179	40.87	18
Talbot	Easton High	275	*	*	*	119	43.27	5
Talbot	St. Michaels Middle/High School	63	39	0	0	39	61.90	0
Washington	Barbara Ingram School for the Arts	90	27	0	0	27	30.00	14
Washington	Boonsboro High	201	106	0	0	106	52.74	0
Washington	Clear Spring High	98	61	0	0	61	62.24	0
Washington	Hancock Middle Senior High	28	19	0	0	19	67.86	0
Washington	Marshall Street School	*	0	0	0	0	0.00	*
Washington	North Hagerstown High	298	*	*	*	96	32.21	38
Washington	Smithsburg High	161	65	0	0	65	40.37	
Washington	South Hagerstown High	215	104	0	0	104	48.37	0
Washington	Washington County Job Development Center	*	*	*	*	*	14.29	*
Washington	Washington County Technical High	265	258	0	0	258	97.36	0

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Washington	Williamsport High	155	77	0	0	77	49.68	0
Wicomico	James M. Bennett High	280	48	0	0	48	17.14	78
Wicomico	Mardela Middle & High	75	31	0	0	31	41.33	3
Wicomico	Parkside High	271	79	0	0	79	29.15	43
Wicomico	Wicomico County Evening High	*	*	*	*	*	9.09	*
Wicomico	Wicomico High	236	57	0	0	57	24.15	49
Worcester	Cedar Chapel Special School	*	0	0	0	0	0.00	*
Worcester	Pocomoke High	83	*	*	*	52	62.65	0
Worcester	Snow Hill High	81	50	0	0	50	61.73	0
Worcester	Stephen Decatur High	314	*	*	*	184	58.60	0
State Total	Maryland	58,887	14,075	662	3	14,740	25.03%	11,759[^]

* - No data provided due to suppression of student groups not meeting the minimum N-size.

[^] -The sum of all the schools' additional graduates needed to reach the 45% goal for each school system does not equal the state's total as all of the local schools that met the 45% goal had students beyond the 45% goal, which contributed to the state's total.

STATEWIDE TRENDS TOWARDS REACHING THE 45% GOAL

[Table 4](#) identifies statewide trend data from 2016-2021 highlighting the progress towards the 45% goal of completing a CTE program of study, earning an industry credential, or completing a registered youth or other apprenticeship by 2025. Twelve school systems - Calvert, Caroline, Dorchester, Garrett, Harford, Kent, Queen Anne's, St. Mary's, Somerset, Talbot, Washington, and Worcester - consistently maintained over 40% of high school graduates meeting Maryland's 45% goal over the last six school years.

TABLE 4: STATEWIDE TREND DATA TOWARD READING THE 45% GOAL

School System	2016 Percent of Graduates Meeting 45% Goal*	2017 Percent of Graduates Meeting 45% Goal*	2018 Percent of Graduates Meeting 45% Goal	2019 Percent of Graduates Meeting 45% Goal	2020 Percent of Graduates Meeting 45% Goal	2021 Percent of Graduates Meeting 45% Goal
Allegany	23.82%	23.08%	24.56%	21.45%	14.10%	29.72%
Anne Arundel	12.35%	11.97%	14.30%	15.01%	12.01%	12.33%
Baltimore City	31.18%	29.48%	31.51%	33.68%	34.05%	34.41%
Baltimore County	23.49%	24.43%	24.89%	25.21%	21.95%	24.75%
Calvert	41.26%	41.95%	40.75%	48.73%	49.69%	42.26%
Caroline	51.08%	35.87%	47.28%	53.41%	57.41%	52.94%
Carroll	42.45%	43.35%	38.70%	44.28%	44.03%	39.33%
Cecil	23.86%	30.83%	32.27%	33.72%	34.95%	34.06%
Charles	36.83%	42.14%	37.81%	27.09%	24.43%	37.61%
Dorchester	42.16%	48.81%	44.22%	44.36%	40.89%	41.04%
Frederick	23.85%	20.89%	21.28%	19.87%	21.66%	22.27%
Garrett	70.18%	68.77%	73.31%	73.68%	81.40%	79.92%
Harford	40.08%	38.38%	33.88%	32.33%	26.12%	40.55%
Howard	17.68%	19.51%	19.32%	18.81%	19.16%	23.53%
Kent	70.31%	61.76%	66.21%	74.14%	62.69%	70.83%
Montgomery	9.74%	10.20%	10.26%	12.86%	13.64%	14.10%
Prince George's	9.72%	10.85%	13.27%	17.76%	13.09%	13.30%
Queen Anne's	43.15%	42.91%	47.39%	19.39%	55.19%	44.46%
SEED	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Somerset	52.74%	57.74%	43.79%	55.19%	55.92%	62.58%
St. Mary's	43.32%	40.70%	44.14%	45.62%	46.06%	46.05%
Talbot	50.64%	43.03%	56.68%	49.50%	39.68%	46.75%
Washington	49.58%	31.37%	45.43%	45.08%	50.66%	53.27%
Wicomico	26.08%	20.49%	19.26%	24.54%	24.76%	24.55%
Worcester	40.47%	42.40%	45.03%	46.82%	51.63%	59.21%
Total	22.84%	22.47%	23.44%	24.21%	23.24%	25.03%

*45% Goal recalculated using only CTE completion rates as accurate industry credential data collection in 2016 and 2017 was not yet established.

Next Steps

MSDE is committed to supporting school systems in meeting the 45% goal. MSDE collaborated with representatives from business and higher education to remove barriers towards goal attainment. The following supports were provided by MSDE to school systems:

1. Increased options for students to earn credentials by expanding the approved list of credentials and supporting dual enrollment options for students to earn credentials through credit and non-credit bearing community college pathways.
2. Provided grant opportunities for school systems to fund the cost of students to prepare for credentialing exams.
3. Provided grant opportunities for school systems to fund the cost of credentialing exams.
4. Increased the number of approved CTE programs of study.
5. Provided grants to school systems to expand CTE program offering.
6. Revised the course and credit requirement for students to complete CTE programs of study to focus only on content that is essential for entry into a career field.
7. Provided grant opportunities for school systems to expand apprenticeship programs.

The Blueprint for Maryland's Future revises the 45% goal for Maryland. The revised goal, as defined by the Blueprint, is by the 2030-2031 school year, 45% of high school students complete a registered apprenticeship or earn an industry-recognized occupation credential. The Blueprint establishes a CTE Committee and requires the Committee to establish, for each school year between 2023-2024 and 2030-2031, statewide goals that reach the 45% goal by the 2030-2031 school year. MSDE looks forward to collaborating with the CTE Committee to support statewide attainment of the 45% goal.