



## **Goal 4: Expand Secondary Learning Opportunities for all Students**

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*Michigan State Board of Education Meeting*

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# Goal 4: Six Sets of Success Measures

Career and  
Technical  
Education

Early Middle  
College

Advanced  
Placement

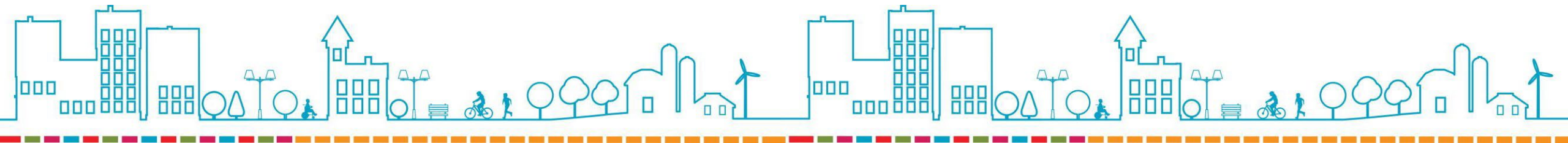
Dual Enrollment

International  
Baccalaureate

Special Education  
Transition  
Services

# Goals

1. Expand early childhood learning opportunities
2. Improve early literacy achievement
3. Improve the health, safety, and wellness of all learners
- 4. Expand secondary learning opportunities for all students**
5. Increase the percentage of all students who graduate from high school
6. Increase the percentage of adults with a post-secondary credential
7. Increase the numbers of certified teachers in areas of shortage
8. Provide adequate and equitable school funding



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# Number and percent of students enrolled in CTE programs by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Total CTE Students	107,930	109,005	110,316	110,710	111,073	102,988	106,857	108,874	2,017	2%
Percent of all students	22%	23%	23%	23%	24%	22%	23%	24%	N/A	N/A
Female	45,332	45,330	45,815	46,390	46,469	43,015	44,824	46,643	1,819	4%
Male	62,598	63,675	64,501	64,320	64,604	59,973	62,033	62,231	198	0%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>



# Number of students enrolled in CTE programs by student group

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Students with Disabilities	11,930	11,959	12,301	12,294	12,118	11,157	11,388	11,432	44	0%
Economically Disadvantaged	39,570	40,031	45,745	45,438	47,057	41,217	41,639	45,738	4,099	10%
English Learners	2,908	3,375	3,786	4,454	4,670	4,323	4,547	4,971	424	9%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>



# Number of students enrolled in CTE programs by ethnicity



Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Asian	2,795	3,096	3,166	3,436	3,383	3,343	3,623	3,753	130	4%
Black or African American	13,215	13,132	13,519	13,020	12,844	11,707	11,162	12,159	997	9%
Hispanic or Latino	5,430	5,964	6,334	6,737	7,136	6,902	7,363	8,093	730	10%
Native American or Alaska Native	789	790	721	752	868	735	796	770	-26	-3%
Native Hawaiian or Other Pacific Islander	82	115	98	100	104	88	88	86	-2	-2%
Two or More Races	2,544	2,691	2,935	3,157	3,281	3,278	3,658	3,976	318	9%
White	83,075	83,217	83,543	83,508	83,457	76,935	80,167	80,037	-130	0%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>



# Number of CTE completers by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
CTE Completers	35,557	42,604	45,504	47,314	50,416	44,226	44,609	48,334	12,777	36%
Total CTE Students	107,930	109,005	110,316	110,710	111,073	102,988	106,857	108,874	944	1%
Female	16,452	19,229	20,664	21,280	22,532	19,965	19,746	21,804	5,352	33%
Male	19,105	23,375	24,840	26,035	27,884	24,261	24,863	26,530	7,425	39%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>





# Number of CTE completers by ethnicity

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Asian	959	1,147	1,227	1,460	1,507	1,448	1,551	1,636	677	71%
Black or African American	3,653	4,090	4,780	4,774	4,674	4,008	3,799	4,464	811	22%
Hispanic or Latino	1,730	2,221	2,512	2,749	3,075	2,742	2,780	3,400	1,670	97%
Native American or Alaska Native	279	331	296	295	355	302	294	307	28	10%
Native Hawaiian or Other Pacific Islander	26	48	44	41	61	40	31	29	3	12%
Two or More Races	810	985	1,123	1,221	1,371	1,272	1,434	1,593	783	97%
White	28,100	33,782	35,522	36,775	39,373	34,414	34,720	36,905	8,805	31%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>

# Number of CTE completers by student group

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Students with Disabilities	3,207	3,625	4,086	4,151	4,351	3,591	3,644	3,919	712	22%
Economically Disadvantaged	11,687	13,513	16,882	17,409	19,185	15,156	14,643	17,476	5,789	50%
English Learners	760	1,001	1,176	1,638	1,815	1,501	1,483	1,729	969	128%

Source: Center for Educational Performance and Information (CEPI): <https://www.cteis.com>



# Number of CTE students who received a high school diploma by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
CTE Students	25,307	28,496	30,456	31,211	38,645	38,429	35,397	34,931	9,624	38%
Female	11,990	13,128	13,813	14,136	17,732	17,475	16,294	15,690	3,700	31%
Male	13,317	15,368	16,643	17,075	20,913	20,954	19,103	19,241	5,924	44%

Source: Center for Educational Performance and Information (CEPI)



# Number of CTE students who received a high school diploma

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Asian	596	757	879	908	1,268	1,239	1,196	1,243	647	109%
Black or African American	2,741	3,159	3,387	3,608	4,459	4,234	3,666	3,412	671	24%
Hispanic or Latino	1,111	1,400	1,568	1,777	2,282	2,342	2,246	2,250	1,139	103%
Native American or Alaska Native	219	216	249	205	231	244	235	215	-4	-2%
Native Hawaiian or Other Pacific Islander	20	20	34	37	27	39	28	27	7	35%
Two or More Races	499	615	682	732	1,003	1,001	996	1,108	609	122%
White	20,121	22,329	23,657	23,944	29,375	29,330	27,030	26,676	6,555	33%

**Source: Center for Educational Performance and Information (CEPI)**



# Number of CTE students who received a high school diploma by student group

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Students with Disabilities	2,419	2,666	2,915	3,070	3,391	3,355	2,990	2,890	471	19%
Economically Disadvantaged	8,556	9,399	9,898	11,972	14,627	14,764	12,813	12,085	3,529	41%
English Learners	507	620	692	806	1,226	1,297	1,207	1,259	752	148%







## CTE: Efforts to expand secondary learning opportunities for all students

- Michigan Perkins V State Plan for Career and Technical Education (CTE) for 2024-2028 has been approved by the State Board.
- Michigan's CTE programs have 378 statewide Perkins V Postsecondary Recognized Credentials available to students.
- MDE OCTE staff are working with intermediate and local school districts to dig deeper into student level data through the CTE Desert and CTE Opportunity Gap statewide data initiatives.





# CTE Success Story

**Amara Jackson** of Corunna, Michigan, was recently elected as the 2023-24 National Future Farmers of America (FFA) President!

She will deliver personal leadership messages across the country while visiting schools, conventions, partners, alums, and other stakeholders.



# CTE Success Story

The US Department of Education Best Practices Clearinghouse is featuring **Future Proud Michigan Educator Launch** in a video series about innovative field-based practices. This initiative helps students get a jump start on their teaching career and earn college credits and credentials!

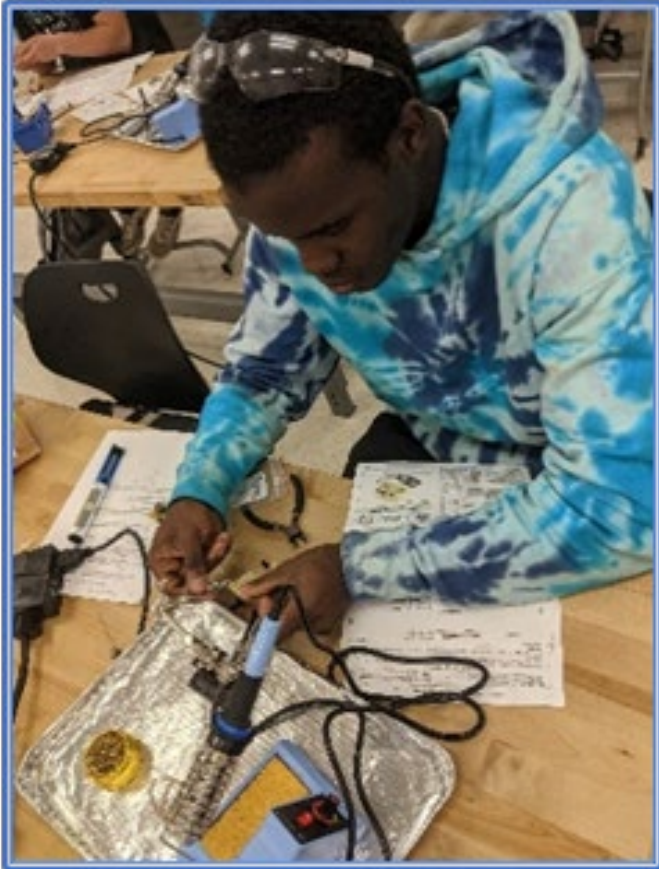
- Childcare Development Associate (CDA) for Infant-Toddler or for Preschool
- Michigan Youth Development Associate (MI-YDA)

Piper Z. (JHS) earned her CDA credential (Childhood Development Associate) as part of her Education program at HACC. This credential led to a job interview at the childcare center @ Ross Design & Engineering. This interview resulted in Piper being offered the Lead Teacher position. **Congratulations!** Piper, you will be great.





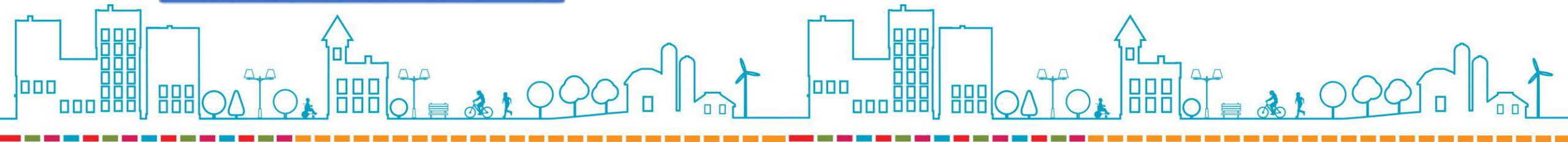
# CTE Student Testimonial



My CTE class (and teacher):

- Pushed me to be more productive and successful in my work.
- Gave me the tools and skills I needed to choose a career path as an electrician.
- Helped me apply to (and get hired by) a local employer.

**-Angelo Hurtubise**



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# Number of students enrolled in an Early Middle College (EMC) program by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
EMC Students	8,312	10,241	12,182	13,065	14,333	15,308	15,015	15,076	6,764	81%
Female	4,842	5,889	6,965	7,598	8,370	9,031	8,958	8,942	4,100	85%
Male	3,470	4,352	5,217	5,467	5,963	6,277	6,057	6,134	2,664	77%

Data Source: CEPI EMC Metric Data

# Number of students enrolled in an EMC program by ethnicity

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Asian	173	223	247	257	295	329	355	388	215	124%
Black or African American	947	1,061	1,161	1,300	1,358	1,627	1,698	1,719	772	82%
Hispanic or Latino	338	479	642	794	890	962	951	985	647	191%
Native American or Alaska Native	24	37	60	40	37	42	33	45	21	88%
Native Hawaiian or Other Pacific Islander	5	5	8	13	14	14	11	7	2	40%
Two or More Races	195	285	342	398	471	564	597	635	440	226%
White	6,630	8,153	9,722	10,270	11,273	11,770	11,372	11,299	4,669	70%



# Number of students enrolled in an EMC program by student group

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Students with Disabilities	246	297	428	419	395	411	458	479	233	95%
Economically Disadvantaged	2,414	2,944	4,277	4,610	5,360	5,646	5,658	5,757	3,343	138%
English Learners	91	121	184	168	214	275	286	322	231	254%

**Source: CEPI EMC Metric Data**

# Number and percent of students who successfully obtained their high school diploma and earned an EMC outcome

	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
Count of EMC students who obtained their high school diploma and earned an EMC outcome-exit code 40	1,190	1,483	1,719	2,122	2,527	2,445	2,956	3,003	1,813	152%
Count of EMC graduates	1,469	1,868	2,296	2,604	2,972	3,052	3,457	3,445	1,976	135%
Percent	81%	79%	75%	81%	85%	80%	86%	87%		

**Source: Center for Educational Performance and Information (CEPI)**



# Number and percent of students who enrolled, did not complete, and exited

## to attend college or some other postsecondary education or training

	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent Change
Count of EMC students who obtained their high school diploma but did not earn an EMC outcome-exit code 41	279	385	577	482	445	607	501	442	163	58%
Count of EMC graduates	1469	1868	2296	2604	2972	3,052	3,457	3,445	1,976	135%
Percent	19%	21%	25%	19%	15%	20%	14%	13%		

**Source:** Center for Educational Performance and Information (CEPI)





## Success Story

Halim Tran graduated from Holt High School EMC, Lansing Community College (LCC) Fire Academy, and LCC's EMT Program with **60 transferable college credits**.

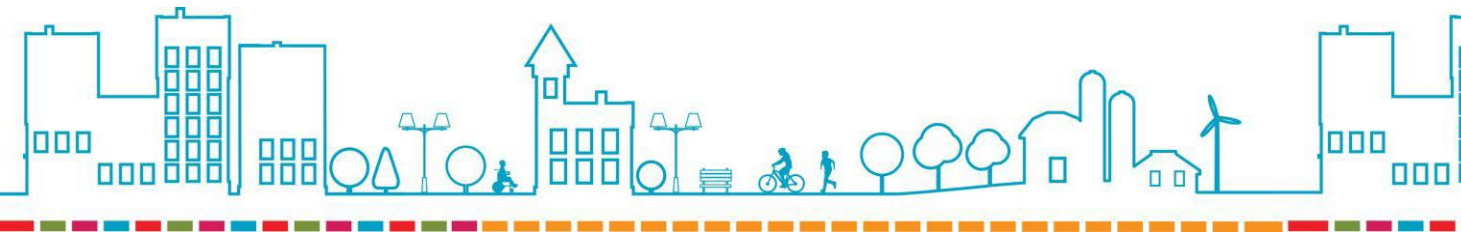
Halim works on-call at DeWitt Township Fire Department and plans to become a paramedic.

**A firefighter at 19: Holt grad Halim Tran leverages dual enrollment to earn certification**



**Krystal Nurse**

Lansing State Journal





# Success Story

## Jackson College

### Lenawee ISD Academy

16 students graduated with a total of...

847 College Credits

7 Associate Degrees

11 Michigan Transfer Agreements

9 Industry Recognized Certifications

4 Internships

2,552 Volunteer Hours



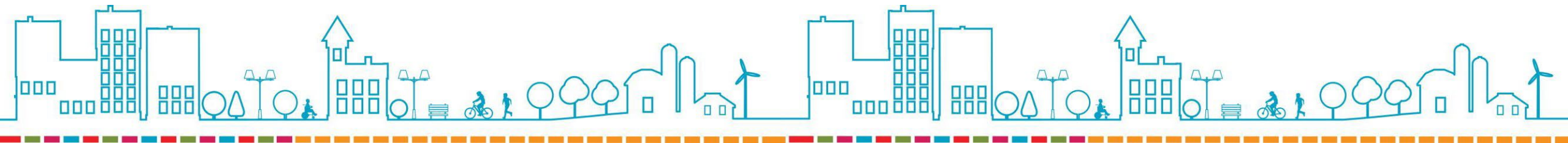
**MICHIGAN**  
EARLY MIDDLE COLLEGES



# Efforts to expand secondary learning opportunities for all students

## Early Middle College (EMC)

- Section 61b State School Aid Act to provide additional funding for:
  - Expansion of EMC Career and Technical Education (CTE) and dual enrollment opportunities
  - EMC planning and expansion grants
- Participating in [Accelerate ED](#), a national initiative to develop seamless pathways to degrees and careers
- Developed EMC resources including an EMC referral guide, EMC national school lunch program guidelines, and EMC apprenticeships





# Goal 4: Six Sets of Success Measures

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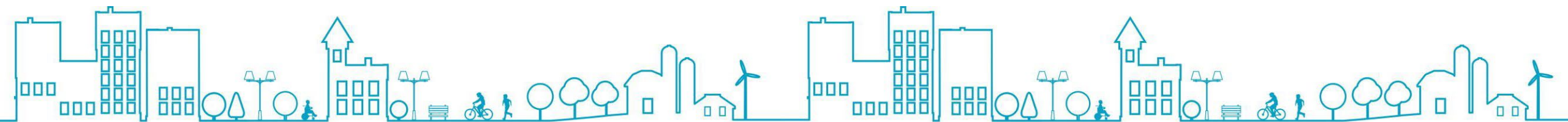
Dual Enrollment

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# Number and percent of students enrolled in AP by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
AP Students	71,625	77,776	80,691	79,546	78,086	74,699	69,731	71,979	2,248	3.2%
Percent of eligible students	15%	16%	17%	17%	17%	16%	15%	15%	N/A	N/A
Female	40,229	43,581	45,423	45,136	44,507	42,410	39,640	40,527	887	2.2%
Male	31,396	34,195	35,268	34,410	33,579	32,289	30,091	31,452	1,361	4.5%



# Number of students enrolled in AP by ethnicity

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Asian	5,099	5,638	6,100	6,236	6,451	6,409	6,139	6,475	336	5.5%
Black or African American	5,982	6,104	6,316	6,403	6,208	5,953	5,496	6,058	562	10.2%
Hispanic or Latino	2,912	3,488	4,098	4,298	4,454	4,499	4,396	4,823	427	9.7%
Native American or Alaska Native	301	244	213	272	235	240	216	230	14	6.5%
Native Hawaiian or Other Pacific Islander	76	106	102	81	75	76	67	65	-2	-3.0%
Two or More Races	1,578	1,910	2,101	2,286	2,440	2,459	2,494	2,584	90	3.6%
White	55,677	60,286	61,761	59,970	58,223	55,063	50,923	51,744	821	1.6%

# Number of students enrolled in AP by economic status

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Economically Disadvantaged	14,314	15,253	18,984	19,280	19,202	17,848	16,045	18,454	2,409	15.0%
Not Economically Disadvantaged	57,311	62,523	61,707	60,266	58,884	56,851	53,689	53,525	-164	-0.3%

Source: AP Metric Data



# Number of students taking one or more AP exams and number of AP exams taken

Student Group	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent Change
Number of students taking one or more AP exams	59,284	58,572	55,644	51,064	52,247	56,885	4,638	8.9%
Number of AP exams taken	98,409	98,356	92,983	85,861	87,733	97,589	9,856	11.2%

**Data Source: College Board**

# Number of students by ethnicity taking one or more AP exam

Student Group	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Asian	5,225	5,359	5,613	5,427	5,459	5,992	533	9.8%
Black or African American	3,176	3,113	2,620	2,365	2,778	3,554	776	27.9%
Hispanic or Latino	3,668	3,886	3,204	2,997	3,457	4,080	623	18.0%
Native American or Alaska Native	143	147	125	242	281	207	-74	-26.3%
Native Hawaiian or Other Pacific Islander	25	27	32	31	34	43	9	26.5%
Two or More Races	2,470	2,381	1,157	1,310	1,428	1,466	38	2.7%
White	43,713	42,905	41,580	37,618	37,735	40,352	2,617	6.9%

**Data Source: College Board**



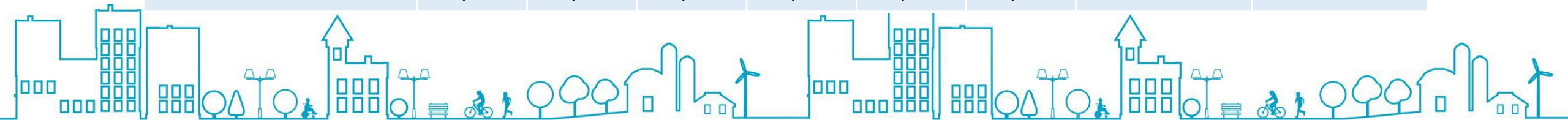
# Performance: Number of AP exams with scores 3, 4, or 5 and number of students with scores of 3, 4, or 5

Student Group	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent Change
Number of students with scores 3, 4, or 5	38,062	37,789	38,242	30,840	34,114	37,298	3,184	9.3%
Number of exams with scores 3, 4, or 5	62,922	63,057	61,591	51,074	56,394	63,725	7,331	13.0%

**Data Source: College Board**

# Performance by ethnicity - students with scores of 3, 4, or 5

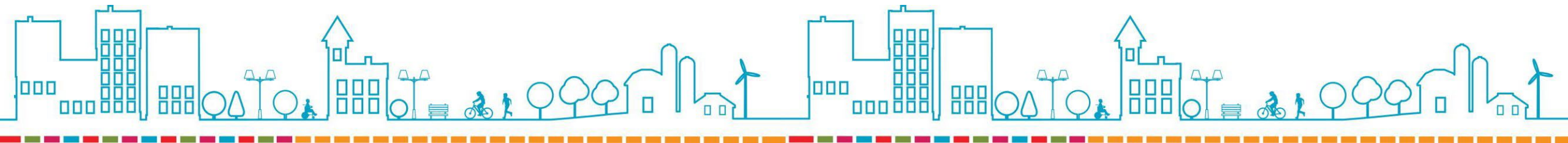
Student Group	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percentage change
Asian	4,035	4,179	4,605	4,040	4,313	4,773	460	10.7%
Black or African American	990	996	1,079	631	851	1,176	325	38.2%
Hispanic or Latino	1,991	2,121	1,945	1,493	1,858	2,248	390	21.0%
Native American or Alaska Native	61	71	69	123	162	103	-59	-36.4%
Native Hawaiian or Other Pacific Islander	16	16	19	18	17	28	11	64.7%
Two or More Races	1,574	1,552	828	859	975	1,031	56	5.7%
White	28,896	28,454	28,797	23,026	25,227	27,154	1927	7.6%



# Efforts to expand secondary learning opportunities for all students

## Advanced Placement

- AP Potential Tool Notification Letter:  
November 2022 – Over 40,000 letters  
November 2023 – Nearly 90,000 letters
- MDE reimbursed \$870,048 for AP and CLEP exams of free/reduced-price lunch eligible students.



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# Number of students enrolled in Dual Enrollment (DE)

	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	7-year difference	Percent change
DE Students	28,568	27,916	28,711	30,155	31,789	30,134	29,528	31,106	2,538	9%

Source: MI School Data



# Efforts to expand secondary learning opportunities for all students

## Dual Enrollment

### MDE Grant Support

- Provides information and policy guidance for districts and students
- Supports flexibility and inclusion of postsecondary enrollment with other departments
- Promotes dual enrollment through webinars with college partners, districts, and students



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# Number of students enrolled in International Baccalaureate (IB) students by gender

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
IB Students	10,011	11,275	13,691	12,822	11,902	11,668	11,474	11,421	53	0.5%
Female	5,450	6,318	7,565	7,013	6,514	6,491	6,382	6,402	-109	-1.7%
Male	4,561	4,957	6,126	5,809	5,388	5,177	5,092	5,019	-85	-1.6%

Source: IB Metric Data





# Number of students enrolled in IB by ethnicity

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Asian	1,135	1,333	1,862	1,872	1,807	1,782	1,689	1,632	-57	-3.4%
Black or African American	1,427	1,689	2,071	1,778	1,248	1,309	1,497	1,403	-94	-6.3%
Hispanic or Latino	537	811	968	900	884	884	971	1,021	50	5.1%
Native American or Alaska Native	12	26	32	31	27	20	25	26	1	4.0%
Native Hawaiian or Other Pacific Islander	11	17	20	14	18	15	9	5	-4	-44.4%
Two or More Races	281	337	510	543	501	546	598	664	66	11.0%
White	6,608	7,062	8,228	7,684	7,417	7,112	6,685	6,670	-15	-0.2%

Source: IB Metric Data

# Number of students enrolled in IB by economic status

Student Group	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	1-year difference	Percent change
Economically Disadvantaged	2,409	2,990	3,986	3,284	2,850	2,792	2,880	3,081	201	7.0%
Not Economically Disadvantaged	7,602	8,285	9,705	9,358	9,052	8,876	8,594	8,340	-254	-3.0%

Source: IB Metric Data



# Efforts to expand secondary learning opportunities for all students

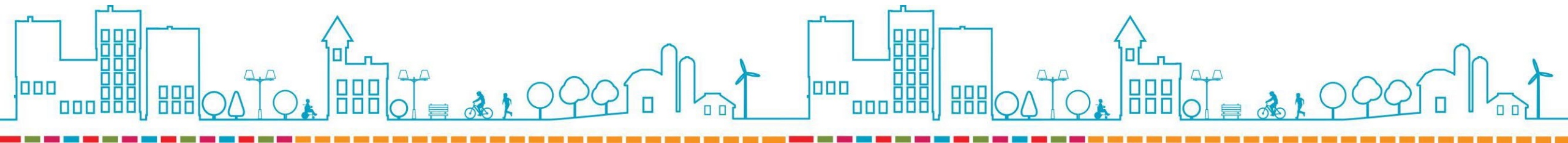
## International Baccalaureate (IB)

Free and reduced low-income reimbursement program

- MDE reimbursed International Baccalaureate test fees for low-income students.

MDE Grant Program Support

- MDE provided information on IB programs and grant reimbursement policy for districts and students. Annually prepare legislative reports as required.



# Goal 4: Six Sets of Success Measures

Career and  
Technical  
Education

Early Middle  
College

Advanced  
Placement

Dual Enrollment

International  
Baccalaureate

Special Education  
Transition  
Services



# B13: Percent of Youth Ages 16+ with an IEP

## SPP/APR B-13 (Secondary Transition)

	15-16	16-17	17-18	18-19	19-20	20-21	21-22	6-year difference
Compliance standard	100%	100%	100%	100%	100%	100%	100%	N/A
Percent students meeting the standard	78.3%	81.2%	81.0%	92.3%	92.9%	90.7%	93.8%	15.5 percentage points

Source: MI School Data and Catamaran



# B14: Percent of Youth With An IEP Who Are No Longer In High School

Percent of youth who are no longer in secondary school, had individualized educational programs (IEPs) in effect at the time they left school, and, within one year of leaving high school, were:

- A. Enrolled in higher education within one year of leaving high school, **or**
- B. Enrolled in higher education OR Competitively employed within one year of leaving high school, **or**
- C. Enrolled in higher education or some other postsecondary education training program; or competitively employed or in some other employment within one year of leaving high school.

	2015	2016	2017	2018	2019	2020	2021	6-year difference
State-determined standard	72.5%	73.0%	73.5%	74.0%	75.3%	75.2%	75.2%	2.7 percentage points
Percentage of students meeting the standard	76.8%	76.9%	77.4%	75.2%	78.1%	74.8%	77.0%	0.2 percentage points

Data Source: MI School Data

# Special Education Instructional Leadership Network (SEILN)

As an outcome of MDE's The Path Forward, the Michigan Association of Intermediate School Administrators (MAISA) established SEILN in 2020.

Through monthly meetings, the following collaborative MDE/MAISA Goals are attended to:

- Strengthen collaboration and communication
- Promote best practices in special education
- Promote best practices for low incidence populations
- Develop a plan to address the critical shortage of special education personnel statewide
- Develop a targeted call to action for special education finance
- Promote preschool Inclusion – co-chaired with the Early Childhood Administrators Network (ECAN)



# Thank You!

