



*FutureThink*  
PLAN TO EMPOWER

# FINAL REPORT



OHIO FACILITIES CONSTRUCTION COMMISSION

**Canfield Local School District**

Mahoning County  
Enrollment Projections  
June 25, 2021

## Canfield Local School District

### INTRODUCTION

---

Based on a request from the Ohio Facilities Construction Commission, **FutureThink** was contracted to develop enrollment projections for the Canfield Local School District.

This report contains ten-year enrollment projections, which were developed for the Canfield Local School District by analyzing the following data:

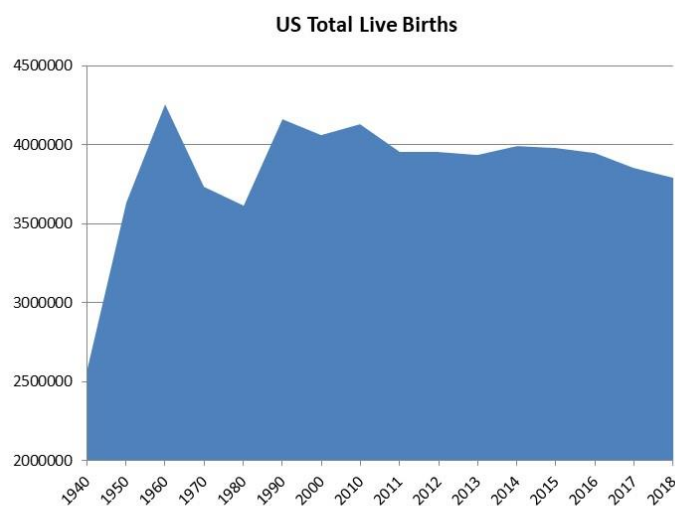
- ▶ Live birth data
- ▶ Historical enrollment
- ▶ Community school enrollment
- ▶ Open enrollment
- ▶ Community demographics
- ▶ Housing information

The projections presented in this report are meant to serve as a planning tool for the future and represent the most likely direction of the District.

## Canfield Local School District

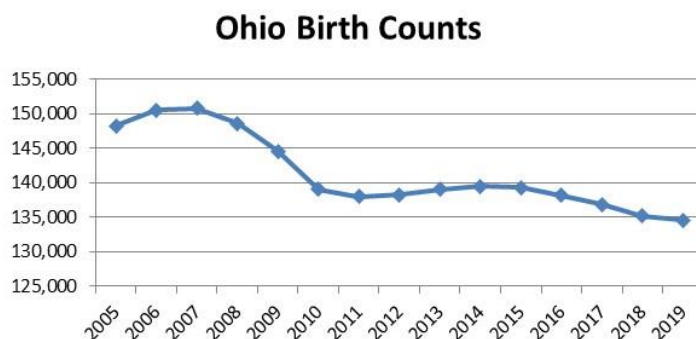
## NATIONAL &amp; OHIO TRENDS IN ENROLLMENT

Tracing the landscape of the country's public school enrollment back over the past 70+ years reveals demographic, economic, and social changes. The United States as a whole continues to undergo major shifts in public student enrollment. The baby boom of the late 1940s and 50s was followed by the baby bust of the 1960s and 70s. An "echo" baby boom occurred in the 1980s, which then was followed by the echo baby bust from 1990 to 2000. There was a slight uptick from 2000 to 2010. Since 2011, the total number of births has been relatively flat with declines in 2017 and 2018.



Source: CDC, NVSS, National Vital Statistics Reports, Volume 68, Number 13, November 29, 2019

Ohio has experienced a similar trend in live births as seen around the country. Births increased slightly in 2006 and 2007 but then declined to an all-time low of 138,024 in 2011. In 2012, 2013, and 2014, there were slight increases, but counts have declined each year since then.

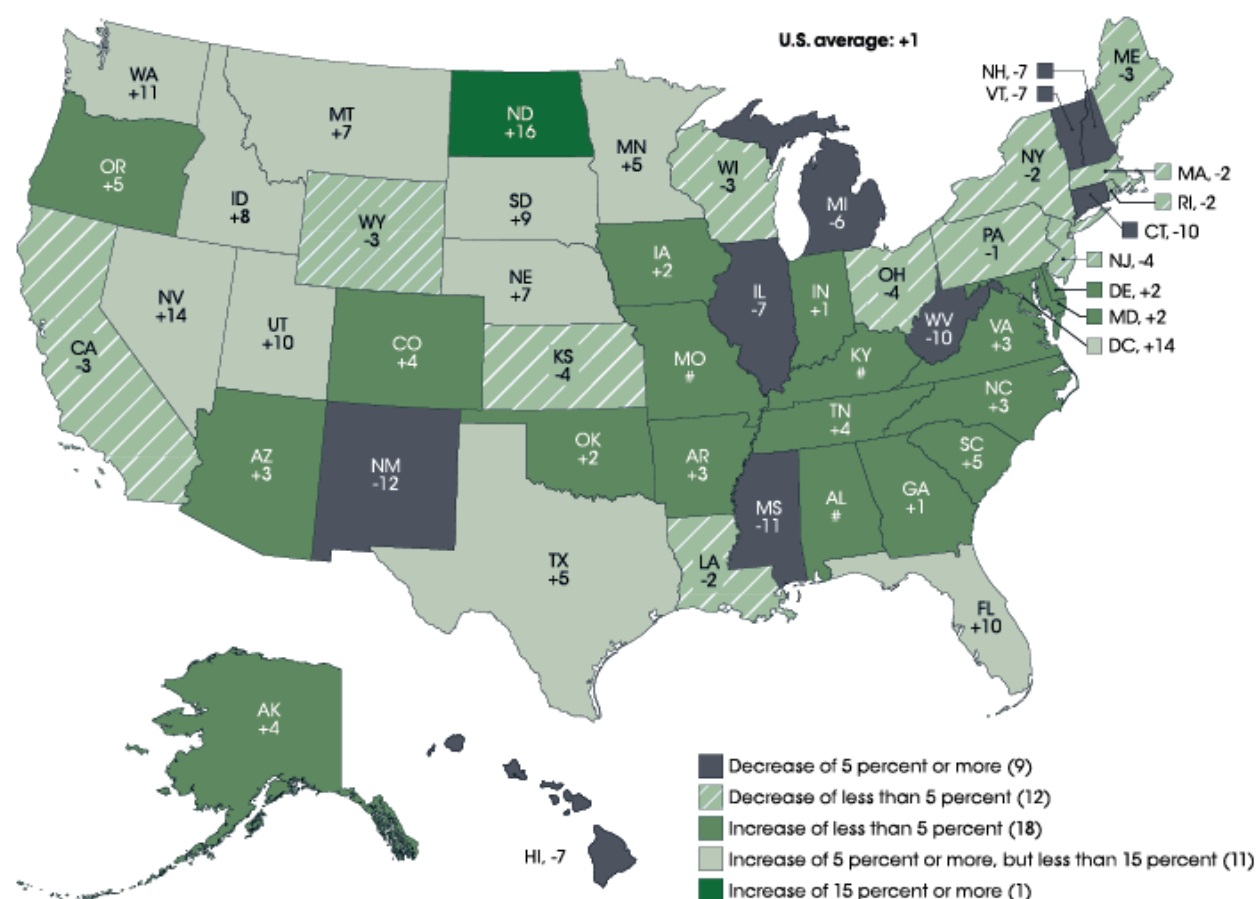


## Canfield Local School District

In addition, to births dropping in Ohio, the state is also aging. The median age in 2019 was 40.9 years of age while the national median age was 38.4 years. In 2010, the median age in Ohio was 38.3 years.

In 2017-18, approximately 50.7 million students were enrolled in grades Pre-K-12 in the United States. Overall, enrollment is projected to increase by approximately 1% by the 2028-29 school year.

The figure below illustrates the projected change in Pre-K-12 public school enrollment from the 2016-17 to the 2029-30 school year. Growth is expected to continue primarily in the southeast and west. Ohio is projected to experience a decrease of 4 percent.



SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2017–18; and State Public Elementary and Secondary Enrollment Projection Model, 1980 through 2029. See *Digest of Education Statistics 2019*, [table 203.20](#)



## Canfield Local School District

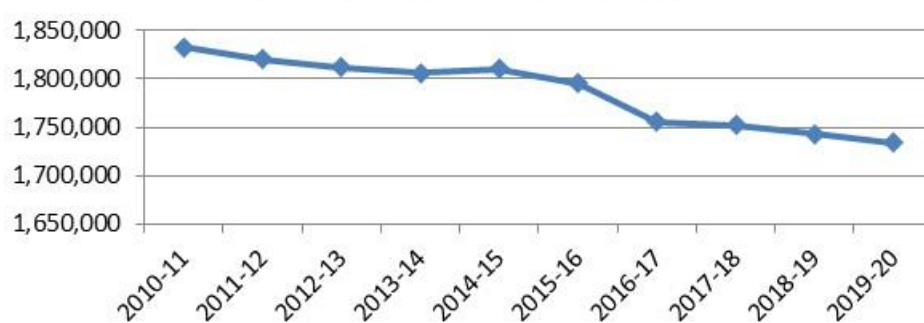
In Ohio, enrollment has declined steadily for both public and non-public school enrollment. From 2010-11 to 2019-20, public school enrollment declined by 98,921 students or approximately 5% statewide.

**Ohio Public School Enrollment****2010-11 - 2019-20**

Year	October Headcount*
2010-11	1,832,832
2011-12	1,820,312
2012-13	1,811,532
2013-14	1,806,267
2014-15	1,810,577
2015-16	1,795,339
2016-17	1,755,552
2017-18	1,751,888
2018-19	1,742,715
2019-20	1,733,911

Source: Ohio Department of Education

\*includes grades K-12 and ungraded

**Ohio Public School Enrollment**

## Canfield Local School District

From 2010-11 to 2019-20, non-public school enrollment has declined by 15,909 students or approximately 8 percent.

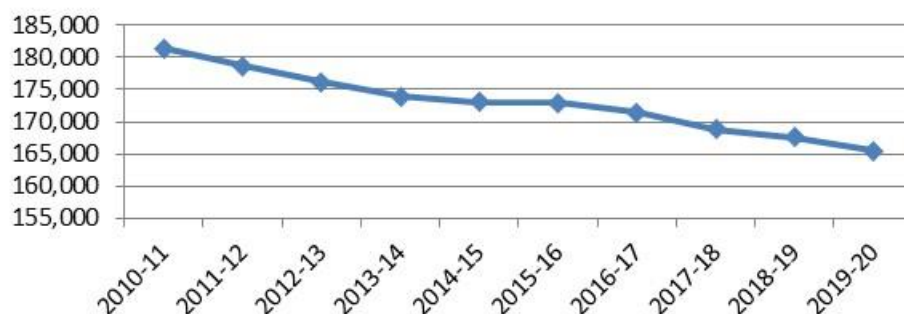
**Ohio Chartered Non-Public School Enrollment**  
**2010-11 - 2019-20**

Year	October ADM*
2010-11	181,420
2011-12	178,702
2012-13	176,166
2013-14	173,966
2014-15	173,030
2015-16	172,990
2016-17	171,426
2017-18	168,857
2018-19	167,558
2019-20	165,511

Source: Ohio Department of Education

\*includes grades K-12

**Ohio Non-Public School Enrollment**



## Canfield Local School District

Out of 612 school districts, only 88 (or approximately 14%) gained enrollment in grades K - 12 from the 2009-10 to the 2019-20 school year. Of the 524 school districts who lost enrollment, only 75 (or 14%) lost less than 5 percent, and 96 districts (or 18%) lost between 5 and 10 percent. Approximately 43% (or 225 districts) lost between 10 and 20 percent, and approximately 25% (or 128 districts) lost more than 20 percent.

For those districts that gained enrollment, 36 (or 41%) increased by less than 5 percent, and 17 (or 19%) increased between 5 and 10 percent. Twenty-one districts (or 24%) increased between 10 and 20%, and 14 districts increased over 20 percent.

Analyzing enrollment from a county perspective, only 5 of the 88 counties in Ohio gained K – 12 enrollment from the 2009-10 to the 2019-20 school year: Delaware, Franklin, Licking, Warren, and Hamilton.

County	2009-10	2019-20	Difference	%
Delaware	25,288	32,954	7,666	30.31%
Franklin	164,905	172,168	7,263	4.40%
Licking	26,614	27,313	699	2.63%
Warren	36,351	36,914	563	1.55%
Hamilton	102,201	102,375	174	0.17%

Carroll County had the highest percentage loss of students at approximately 25 percent. Sixty-six percent of the counties (58 total) experienced a decline of greater than 10 percent. The map on the following page illustrates the gain/loss for each county from the 2009-10 to the 2019-20 school year.



**From School Years 2009-10 to 2019-20**

**Percent Change**

- 24.84% -- -20%
- 19.99% -- -15%
- 14.99% -- -10%
- 9.99% -- -5%
- 4.99% -- 0%
- +0.01% -- +2.5%
- +2.51% -- +5%
- +30.31%

Map Data (County Name, Percent Change):

- Williams -15.78%
- Fulton -11.45%
- Lucas -8.33%
- Ottawa -16.57%
- Ashtabula -19.63%
- Lake -11.7%
- Geauga -20.49%
- Trumbull -19.66%
- Portage -18.24%
- Mahoning -19.6%
- Columbiana -11.44%
- Stark -10.65%
- Carroll -24.84%
- Jefferson -15.9%
- Harrison -18.57%
- Belmont -4.61%
- Monroe -21.08%
- Washington -18.13%
- Athens -13.24%
- Meigs -11.74%
- Gallia -13.63%
- Lawrence -16.04%
- Jackson -13.32%
- Scioto -13.05%
- Adams -9.56%
- Brown -17.78%
- Clermont -6.87%
- Hamilton 0.17%
- Warren 1.55%
- Clinton -18.26%
- Highland -13.29%
- Pike -15.26%
- Ross -13.06%
- Fayette -2.84%
- Pickaway -6.16%
- Fairfield -1.33%
- Perry -11.44%
- Hocking -11.58%
- Vinton -22.07%
- Morgan -19.47%
- Noble -13.99%
- Guernsey -22.22%
- Muskingum -12.09%
- Coshocton -13.6%
- Knox -13.04%
- Richland -11.63%
- Ashland -15.55%
- Wayne -12.53%
- Holmes -17.96%
- Tuscarawas -9.7%
- Morrow -12.89%
- Marion -9.5%
- Delaware 30.31%
- Union -0.41%
- Franklin 4.4%
- Madison -3.35%
- Greene -6.33%
- Montgomery -8.95%
- Preble -14.43%
- Butler -3.87%
- Clark -12.89%
- Champaign -16.09%
- Logan -16.15%
- Shelby -12.56%
- Auglaize -9.5%
- Mercer -4.17%
- Darke -8.43%
- Miami -4.98%
- Allen -10.24%
- Putnam -5.59%
- Van Wert -9.27%
- Paulding -12.8%
- Defiance -10.62%
- Henry -14.77%
- Wood -4.45%
- Seneca -7.53%
- Huron -18.89%
- Erie -16.98%
- Sandusky -14.51%
- Crawford -18.78%
- Wyandot -7.38%
- Hardin -13.33%
- Hancock -3.88%



## Canfield Local School District

**ENROLLMENT PROJECTION METHODOLOGIES**

---

When projecting future enrollments, it is vital to track the number of births, the patterns of enrollment, the amount of new housing activity, and the change in household composition.

In addition, any of the following factors could cause a significant change in projected student enrollments:

- ▶ Boundary adjustments
- ▶ New school openings
- ▶ Changes/additions in program offerings
- ▶ Preschool programs
- ▶ Change in grade configuration
- ▶ Interest rates/unemployment shifts
- ▶ Magnet/charter/private school opening or closure
- ▶ Zoning changes
- ▶ Unplanned new housing activity
- ▶ Planned, but not built, housing

Obviously, certain factors can be gauged and planned for far better than others. For instance, it may be relatively straightforward to gather housing data from local builders regarding the total number of lots in a planned subdivision and calculate the potential student yield. However, planning for changes in the unemployment rate, and how these may either boost or reduce public school enrollment, proves more difficult. In any case, it is essential to gather a wide variety of information in preparation for producing enrollment projections.

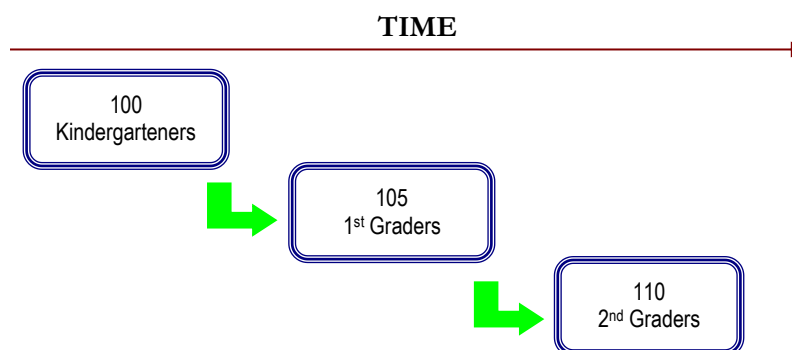
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population? Is housing experiencing a turnover – if so, what is the composition of families moving in/out? Are more or less students attending private school or being home-schooled? What new educational policies are in place now that could affect student enrollment figures?

The data sets generated from questions such as these have led to the development of general methodologies to project future student enrollments. They are as follows:

## Canfield Local School District

**Cohort Survival Method**

A cohort is a group of persons [in this case, students]. The cohort survival projection methodology uses previous live birth data and historical student enrollments to “age” a known population or cohort throughout the school grades. For instance, a cohort begins when a group of kindergarteners enrolls in grade K and moves to first grade the following year, second grade the next year, and so on.



A “survival ratio” is developed to track how this group of students grew or shrunk in number as they moved through the grade levels. By determining survival ratios for each grade transition [i.e., 1st to 2nd grade] over a ten-year period of time, patterns emerge and projection ratios can be developed to be used as a multiplier.

For example, if student enrollment has consistently increased from the 8th to the 9th grade over the past ten years, the survival ratios for each year would be greater than 100 percent. Through analysis of the survival ratios, the projection ratio is determined and is multiplied by the current 8th grade to develop a projection for next year’s 9th grade.

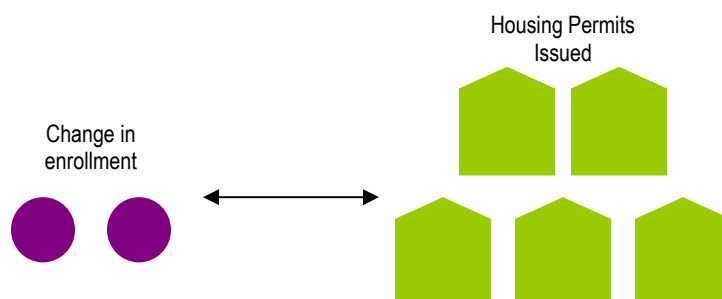
This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, live birth counts are used to develop a survival ratio. Babies born five years previous to the kindergarten class are compared in number, and a ratio can be developed to project future kindergarten enrollments.

The cohort survival method is useful in areas where population is stable [relatively flat, growing steadily, or declining steadily], and where there have been no significant fluctuations in enrollment, births, and housing patterns from year to year.

## Canfield Local School District

### Housing

Enrollment projections can also be determined by analyzing the housing data for the areas that make up a school district. Yield factors can be established by comparing the historic change in enrollment from year to year divided by the total number of building or occupancy permits issued. For example, if student enrollment has increased by approximately 100 students each year and approximately 200 building permits have been issued each year for the past ten years, then the yield factor would be approximately .5 students per building permit.



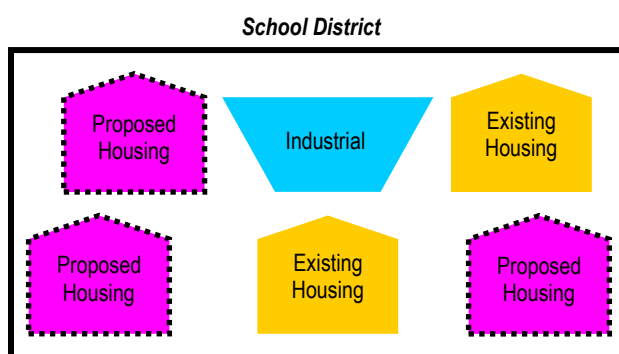
Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

If housing demolitions are occurring in a district, these must also be taken into account. For instance, if housing demolitions/withdrawals have increased rapidly over recent years while new housing starts have remained relatively constant over many years, the conclusion may be that some of the new housing starts will simply be replacements for the families displaced by the demolitions. Of course, housing value and household composition would need to be further analyzed to confirm that this is indeed the case. It is possible that enrollment may remain flat or decline even though there is new housing occurring in the area.

## Canfield Local School District

### Land-Saturation Analysis

Housing data also drives the land-saturation analysis enrollment methodology. In areas where there is a high rate of development and the future development patterns in the area are clear, a “build-out” scenario can be developed. The scenario takes into consideration the remaining acreage to be developed, planned rate of completion, zoning policies, density per acre, type of housing, and ratios of school-age children per household type. This method is particularly useful in areas experiencing rapid growth.



### Geographic Information Systems

While not a methodology, the need for better tools and easier manipulation of data has led to a new industry standard in planning – GIS [Geographic Information Systems]. GIS technology allows school districts to quickly analyze countless data sets including birth data, housing information, and enrollment statistics.

When paired with enrollment projections, GIS becomes an invaluable information-management and decision-making tool. Often, county or city offices are already implementing GIS technology and data can be shared and expanded among these organizations in the district. GIS tables and maps are included within this report illustrating population, age, and income estimates and projections.

The cohort survival was the primary method used in the development of the enrollment projections for the Canfield Local School District.

## Canfield Local School District

### HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Canfield Local School District has decreased by 410 students in grades Pre-K – 12, including ungraded, career technical, and full-time JVS students. Total enrollment for the 2020-21 school year is 2,554 students.

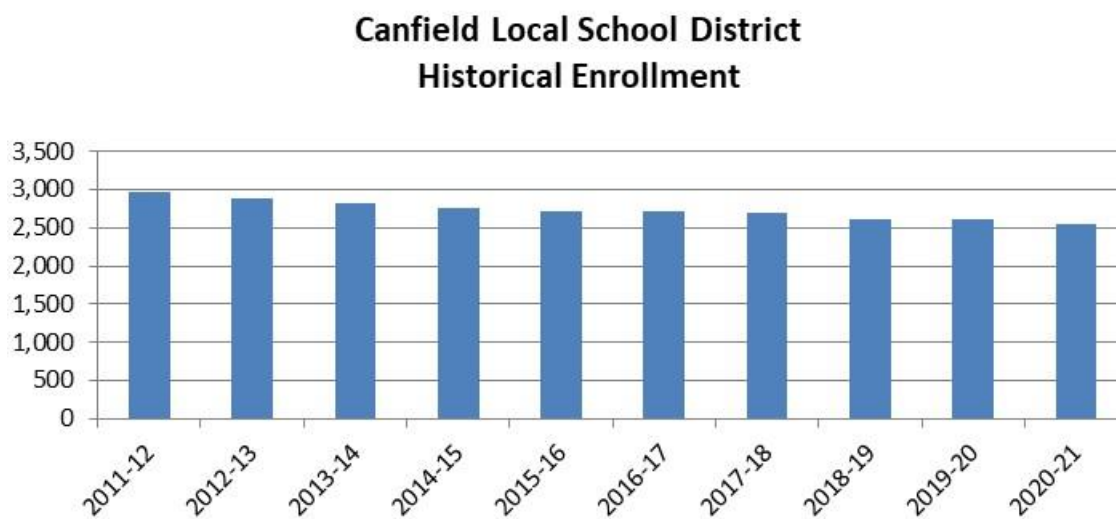
The approximate percentages of mainstreamed special education students [Pre-K – 12] for the current school year are as follows:

- Pre-K – 0%
- K-4 – 15%
- 5-8 – 12%
- 9-12 – 9%

The approximate percentages of self-contained special education students [Pre-K – 12] for the current school year are as follows:

- Pre-K – 100%
- K-4 – 1%
- 5-8 – 1%
- 9-12 – 1%

The following graph illustrates the District's Pre-K – 12 enrollment history from 2011-12 through 2020-21.



## Canfield Local School District

The following tables illustrate the District's enrollment history from 2011-12 through 2020-21.

## Canfield Local School District

## Historical Enrollment

Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Pre-K (special needs)	20	23	23	24	27	34	24	27	36	30
K	142	123	126	168	155	167	176	162	199	175
1	211	196	159	164	185	171	173	179	179	190
2	213	213	206	160	172	187	171	170	187	177
3	214	217	208	209	166	175	194	172	179	186
4	230	211	217	202	206	165	179	200	175	173
5	246	231	217	220	210	213	170	182	202	186
6	259	244	227	205	210	218	217	170	181	200
7	226	249	249	220	212	213	224	224	177	186
8	229	224	251	242	222	218	216	217	224	180
9	245	221	233	251	245	219	214	219	208	209
10	240	244	214	225	256	246	218	213	220	213
11	221	226	225	194	219	239	226	212	205	204
12	212	219	225	229	194	220	245	228	216	208
Pre-K - 12 Total	2,908	2,841	2,780	2,713	2,679	2,685	2,647	2,575	2,588	2,517
Ungraded	11	11	13	5	6	7	0	0	0	0
Career Tech Off-Site	14	11	6	7	8	3	4	3	2	1
JVS Full-Time	31	26	22	22	16	22	34	25	26	36
Grand Total	2,964	2,889	2,821	2,747	2,709	2,717	2,685	2,603	2,616	2,554

Source: Ohio Department of Education, EMIS; Canfield Local School District

## Canfield Local School District

## Historical Enrollment by Grade Group

Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Pre-K (special needs) - 4	1,030	983	939	927	911	899	917	910	955	931
5 - 8	960	948	944	887	854	862	827	793	784	752
9 - 12	918	910	897	899	914	924	903	872	849	834
Pre-K - 12 Total	2,908	2,841	2,780	2,713	2,679	2,685	2,647	2,575	2,588	2,517
Ungraded	11	11	13	5	6	7	0	0	0	0
Career Tech Off-Site	14	11	6	7	8	3	4	3	2	1
Grand Total	2,933	2,863	2,799	2,725	2,693	2,695	2,651	2,578	2,590	2,518

Source: Ohio Department of Education, EMIS; Canfield Local School District

\*full-time JVS enrollment is not included in grade group table above or in the projected enrollment figures.

## Canfield Local School District

## COMMUNITY SCHOOL ENROLLMENT

In Ohio, community school enrollment has increased dramatically over the last decade. From 2009-10 to 2018-19, enrollment has increased by approximately 10% from 93,623 students in 323 community schools to 102,563 students in 320 community schools. However, there has been a decrease in both enrollment and number of schools since the 2013-14 school year.

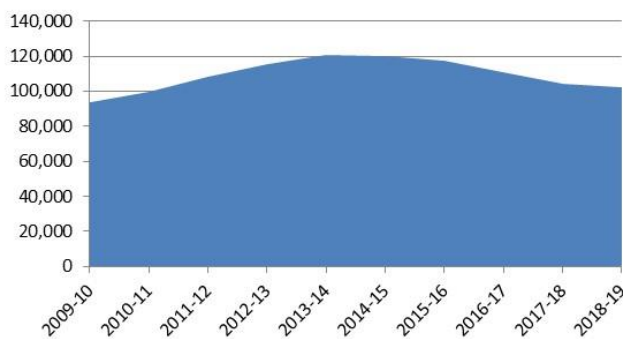
State of Ohio  
Community School Enrollment (Pre-K - 12)

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Grand Total	93,623	99,658	108,124	115,225	120,893	120,200	117,282	110,961	104,380	102,563

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2018-19

FTE students

Ohio Community School Enrollment

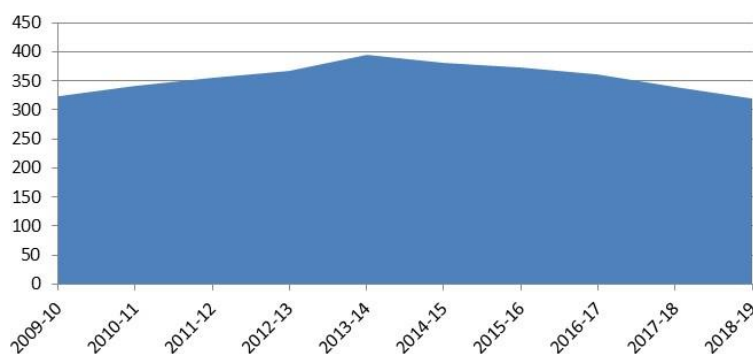


State of Ohio  
Number of Community Schools

Grade	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Grand Total	323	341	355	367	395	381	373	362	340	320

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2018-19

Number of Community Schools in Ohio



## Canfield Local School District

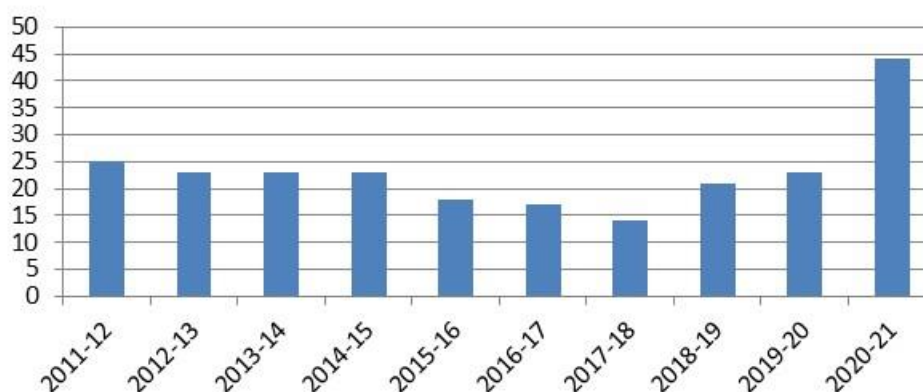
Since 2011-12, the number of Canfield Local School District students attending community schools has increased from 25 to 44 students with some fluctuation. Enrollment of Canfield Local School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

**Canfield Local School District  
Community School Enrollment**

Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Pre-K	0	0	0	0	0	0	0	0	0	0
K	2	0	0	0	0	0	0	0	0	2
1	0	0	1	2	1	0	0	0	0	0
2	0	1	0	0	1	1	0	0	0	0
3	3	0	0	1	0	1	1	1	0	3
4	1	2	2	0	1	0	0	1	0	2
5	0	1	1	0	0	1	0	0	1	1
6	0	0	0	2	2	0	2	0	1	1
7	1	0	0	0	2	1	0	2	1	2
8	1	1	1	4	0	2	0	3	0	0
9	3	6	4	3	6	3	3	2	4	15
10	2	2	5	2	1	2	1	3	5	5
11	9	6	6	4	2	4	5	5	6	9
12	3	4	3	5	2	2	2	4	5	4
Ungraded	0	0	0	0	0	0	0	0	0	0
<b>Grand Total</b>	<b>25</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>18</b>	<b>17</b>	<b>14</b>	<b>21</b>	<b>23</b>	<b>44</b>

Source: Ohio Department of Education, EMIS; Canfield Local School District

**Canfield Local School District  
Students Attending Community Schools**





## Canfield Local School District

## OPEN ENROLLMENT

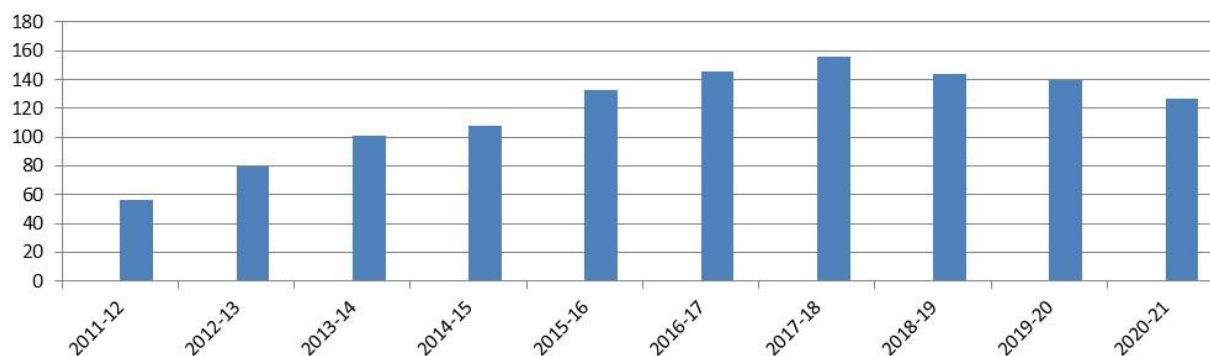
Since 2011-12, the number of Canfield Local School District students “open enrolling” out of the District has increased from 56 to 127 students with some fluctuation. There are no students “open enrolling” into the District. Significant changes in the number of students “open enrolling” into or out of the District from year to year can impact enrollment projections and should be monitored.

Canfield Local School District  
Open Enrollment - OUT

Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Pre-K	0	0	0	0	0	1	1	0	0	0
K	3	13	16	13	7	11	12	10	5	5
1	3	4	10	10	14	9	13	14	10	5
2	4	3	7	8	8	14	11	15	11	11
3	2	5	5	5	8	9	13	9	15	11
4	4	3	6	4	4	10	10	11	8	9
5	4	3	5	4	4	5	11	11	13	7
6	3	4	7	5	8	6	6	13	11	16
7	6	6	6	7	7	9	8	5	13	12
8	8	8	10	8	10	8	10	9	9	15
9	4	12	8	14	13	14	8	8	10	5
10	6	5	11	8	19	14	16	6	10	9
11	7	8	4	15	10	18	16	16	10	11
12	2	6	6	7	21	18	21	17	15	11
Ungraded	0	0	0	0	0	0	0	0	0	0
<b>Grand Total</b>	<b>56</b>	<b>80</b>	<b>101</b>	<b>108</b>	<b>133</b>	<b>146</b>	<b>156</b>	<b>144</b>	<b>140</b>	<b>127</b>

Source: Ohio Department of Education, EMIS; Canfield Local School District

Canfield Local School District  
Open Enrollment - Out



## Canfield Local School District

## LIVE BIRTH DATA

Utilization of live birth data is recommended when projecting future kindergarten enrollments as it provides a helpful overall trend. The live birth counts are used in determining a birth-to-kindergarten survival ratio. This ratio identifies the percentage of children born in a representative area who attend kindergarten in the District five years later. The survival ratios for birth-to-kindergarten as well as grades 1-12 can be found later in this report.

The Ohio Department of Health [ODH] information warehouse provides information about live birth events for Ohio residents. Information about events occurring outside of Ohio to Ohio residents is included. Information about events occurring inside Ohio to non-Ohio residents is not included.

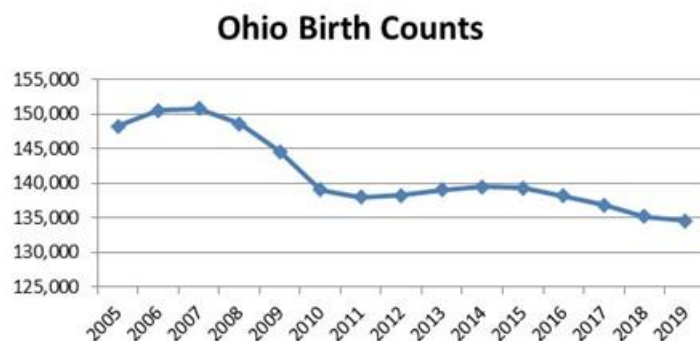
Data is arranged by the residence of the mother. For example, if a mother lives in Powell, Delaware County but delivers her baby in Columbus, Franklin County, the birth is counted in Powell, Delaware County.

The number of live births is recorded by:

- ▶ State
- ▶ County
- ▶ City/Town
- ▶ Census Tract
- ▶ Zip Code
- ▶ Address [not available to the public]

Live birth counts are different from live birth rates. The live birth count is the actual number of live births. A birth rate is the number of births per 1,000 women in a specified population group. Birth rates are provided for counties only and for 9 age groups from 10-14 years to 45+ years.

Ohio has experienced a similar trend in live births as seen around the country. Births increased slightly in 2006 and 2007 but then declined to an all-time low of 138,024 in 2011. In 2012, 2013, and 2014, there were slight increases, but counts have declined each year since then.



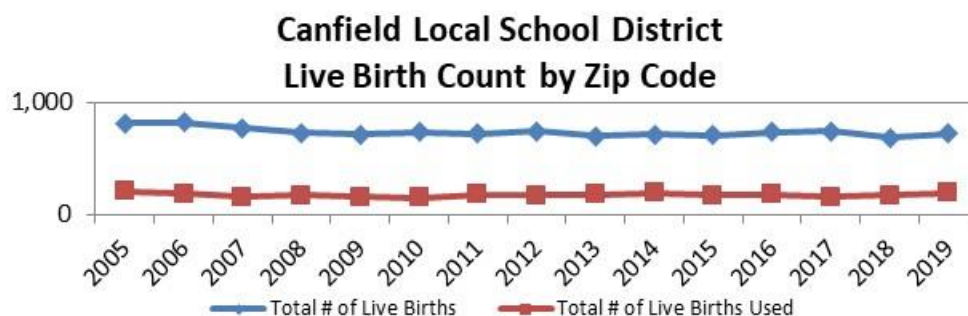
## Canfield Local School District

The following table and graph include the live birth counts for zip codes 44406, 44511, and 44512. However, upon analysis of the map on page 19, only zip code 44406 was used for projection purposes.

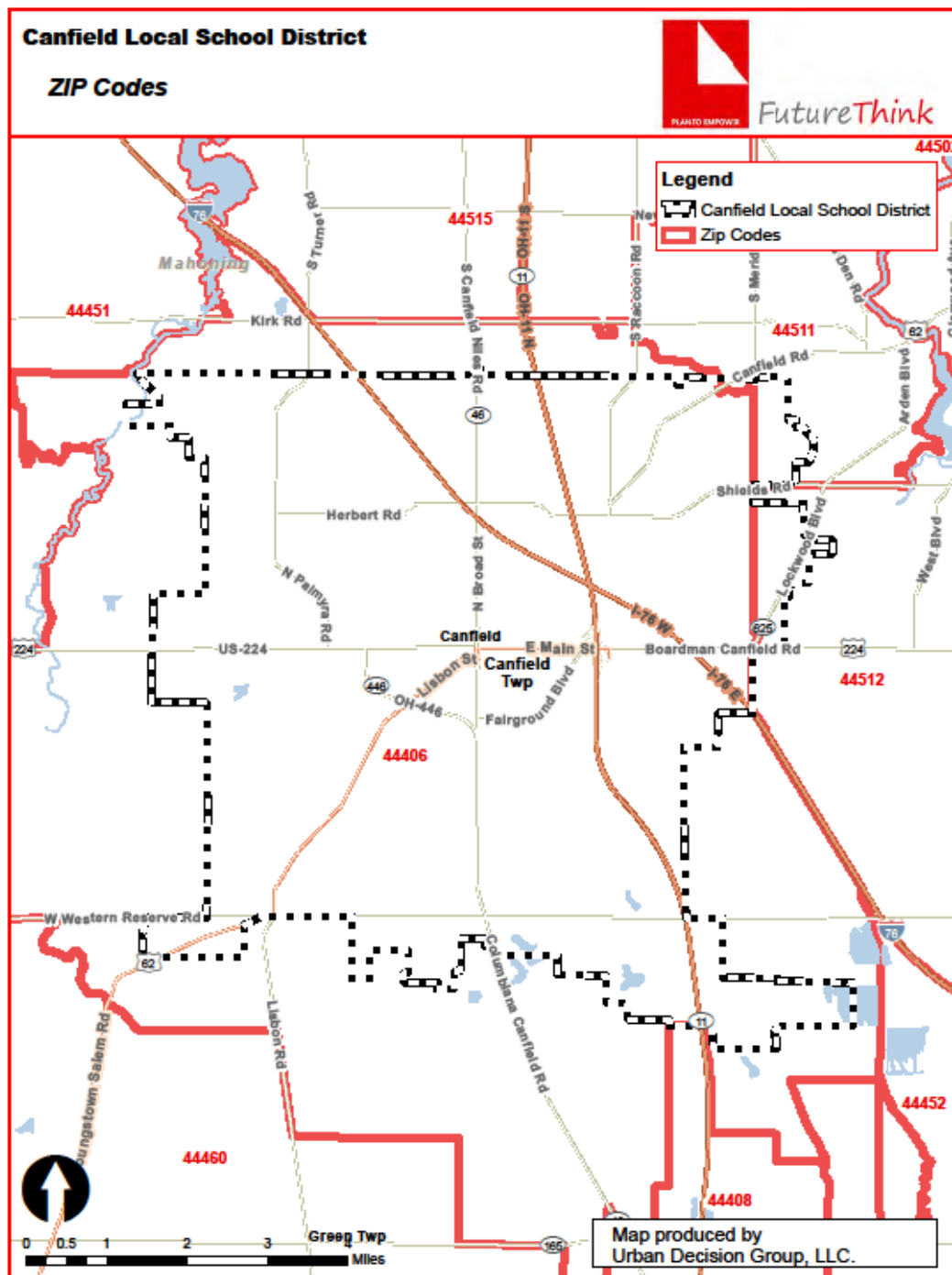
**Canfield Local School District  
Live Birth Count by Zip Code  
2005-2019**

Year	<b>44406</b>	<b>44511</b>	<b>44512</b>	Total # of Live Births	Total # of Live Births Used
2005	<b>203</b>	214	400	817	<b>203</b>
2006	<b>183</b>	244	396	823	<b>183</b>
2007	<b>159</b>	239	375	773	<b>159</b>
2008	<b>170</b>	208	355	733	<b>170</b>
2009	<b>159</b>	195	360	714	<b>159</b>
2010	<b>150</b>	244	346	740	<b>150</b>
2011	<b>181</b>	202	340	723	<b>181</b>
2012	<b>168</b>	211	369	748	<b>168</b>
2013	<b>175</b>	191	338	704	<b>175</b>
2014	<b>190</b>	199	328	717	<b>190</b>
2015	<b>173</b>	183	351	707	<b>173</b>
2016	<b>176</b>	208	356	740	<b>176</b>
2017	<b>158</b>	202	385	745	<b>158</b>
2018	<b>171</b>	191	325	687	<b>171</b>
2019	<b>192</b>	205	325	722	<b>192</b>

Source: Ohio Department of Health, Public Health Data Warehouse



## Canfield Local School District



## Canfield Local School District

## DEMOGRAPHICS

The Canfield Local School District is comprised of Canfield City, Boardman Township, and Youngstown City in Mahoning County. General demographic data is included in the following tables for the areas located completely or partially in the District.

## General Demographic Information

	Mahoning County	State of Ohio
Per Capita Income	\$28,378	\$31,552
Median Household Income	\$46,042	\$56,602
Persons Below Poverty	17.5%	14.0%

Source: US Census, American Community Survey, 2019 5-Year Estimates

## Total Population

	2000 Census	2010 Census
Mahoning County	257,555	238,823
Canfield City	9,460	8,235
Boardman Township	42,518	40,889
Youngstown City (part)	82,026	66,971

Source: ODOD Policy Research & Strategic Planning Office, August 2011

Also included are block group estimates and projections provided by ESRI. ESRI uses a time series of estimates from the U.S. Census Bureau that includes the latest estimates and inter-censal estimates adjusted for error of closure. The Census Bureau's time series is consistent, but testing has revealed improved accuracy by using a variety of sources to track county population trends.

ESRI also employs a time series of building permits and housing starts plus residential deliveries. Data sources are integrated and then analyzed by Census Block Groups.

Sources of data include:

- ▶ Supplementary Surveys of the Census Bureau
- ▶ Bureau of Labor Statistics' (BLS) Local Area Unemployment Statistics
- ▶ BLS Occupational Employment Statistics
- ▶ InfoUSA
- ▶ U.S. Bureau of the Census' Current Population Survey
- ▶ National Planning Association Data Service

## Canfield Local School District

Below is a list of definitions as they appear on the U.S. Census Bureau website, to aid in interpretation of the following tables and maps.

**Household:**

*A household includes all the people who occupy a housing unit as their usual place of residence.*

**Average family size:**

*A measure obtained by dividing the number of members of families by the total number of families (or family householders).*

**Family household (Family):**

*A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people who are related to the householder are regarded as members of his or her family. A family household may contain people not related to the householder, but those people are not included as part of the householder's family in census tabulations. Thus, the number of family households is equal to the number of families, but family households may include more members than do families. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated people or one person living alone.*

**Householder:**

*The person, or one of the people, in whose name the home is owned, being bought, or rented. If there is no such person present, any household member 15 years old and over can serve as the householder for the purposes of the census. Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more people related to him or her by birth, marriage, or adoption. The householder and all people in the household related to him are family members. A nonfamily householder is a householder living alone or with nonrelatives only.*

## Canfield Local School District

The following tables illustrate the current estimates and 5-year population projections based on block groups that comprise the state and school district, indicating areas of current and projected growth. The tables have been developed to determine selected age group projections and projections for household income, family size, and total households.

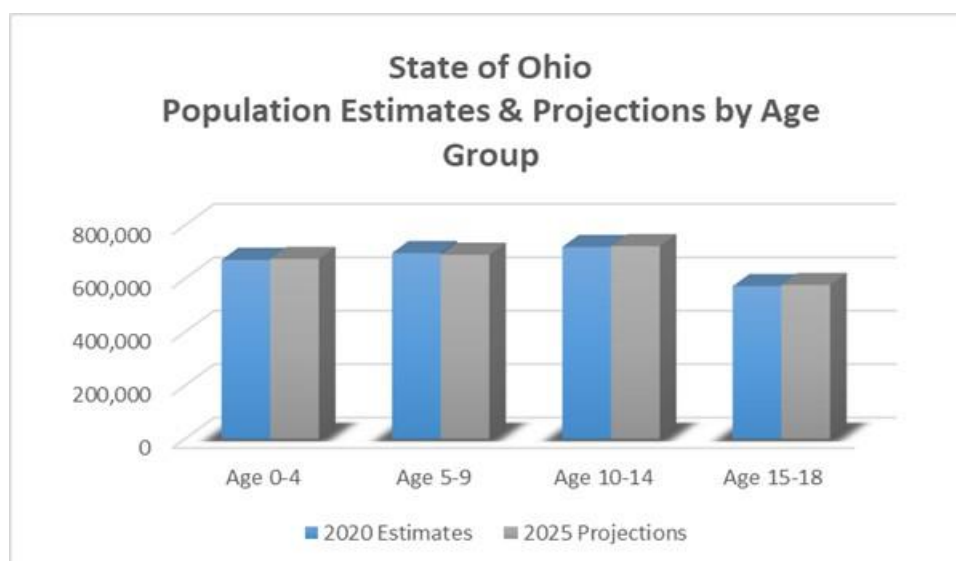
The total population in the State of Ohio is 11,829,645. This population is projected to increase by 138,896 people, or approximately 1% over a 5-year period.

The 0-18-year-old population in the State currently totals 2,656,195. This population is projected to increase by 4,455 children, or less than 1 percent.

The median age is projected to increase by 2% from 40.2 to 41.0 years of age.

State of Ohio	2020 Estimates	2025 Projections	Change 2020-25	Change 2020-25 (%)
Total Population	11,829,645	11,968,541	138,896	1.2%
Age 0-4	670,116	673,465	3,349	0.5%
Age 5-9	695,479	689,387	-6,092	-0.9%
Age 10-14	718,792	721,721	2,929	0.4%
Age 15-18	571,808	576,077	4,269	0.7%
Total Age 0-18	2,656,195	2,660,650	4,455	0.2%
Median Age	40.2	41.0	0.8	2.0%

Source: ESRI

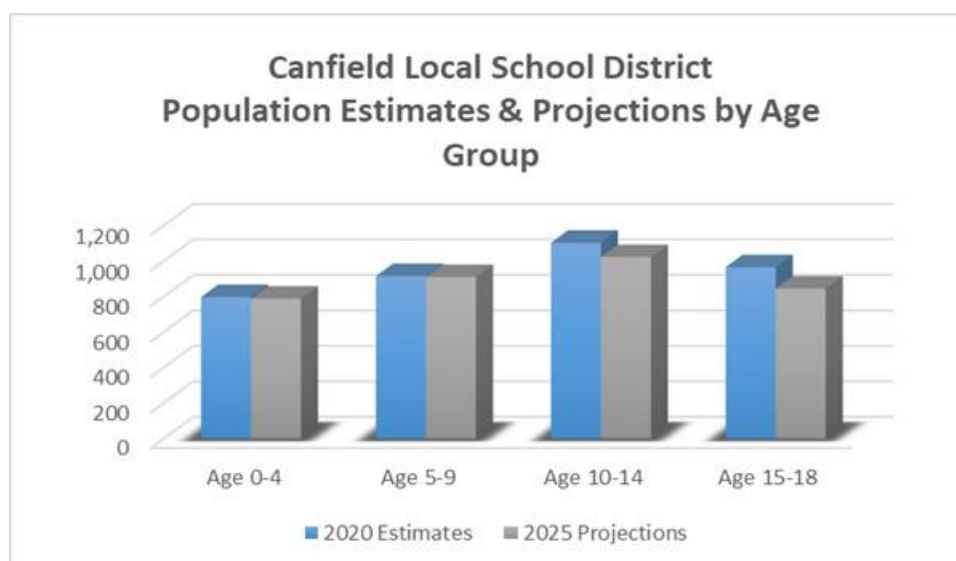


## Canfield Local School District

The total population in the District is 18,810. This population is projected to decrease by 122 people, or less than 1% over a 5-year period. The 0-18-year-old population in the District currently totals 3,785. This population is projected to decrease by 216 people, or approximately 6 percent. The median age is projected to increase by approximately 1%, from 47.4 to 48.0 years of age.

Canfield Local School District	2020 Estimates	2025 Projections	Change 2020-25	Change 2020-25 (%)
Total Population	18,810	18,688	-122	-0.6%
Age 0-4	798	789	-9	-1.1%
Age 5-9	916	911	-5	-0.5%
Age 10-14	1,104	1,023	-81	-7.3%
Age 15-18	967	846	-121	-12.5%
Total Age 0-18	3,785	3,569	-216	-5.7%
Median Age	47.4	48.0	0.6	1.3%

Source: ESRI





## Canfield Local School District

Median and average household incomes in the State are projected to increase by approximately 7% and 10%, respectively over a 5-year period. The average family size and total number of family households are both expected to increase by less than 1 percent.

State of Ohio	2020 Estimates	2025 Projections	Change 2020-25	Change 2020-25 (%)
Median Household Income	\$56,352	\$60,126	\$3,774	6.7%
Average Household Income	\$77,918	\$85,580	\$7,662	9.8%
Average Family Size	3.01	3.02	0.01	0.3%
Total Family Households	3,015,569	3,032,300	16,731	0.6%

Source: ESRI

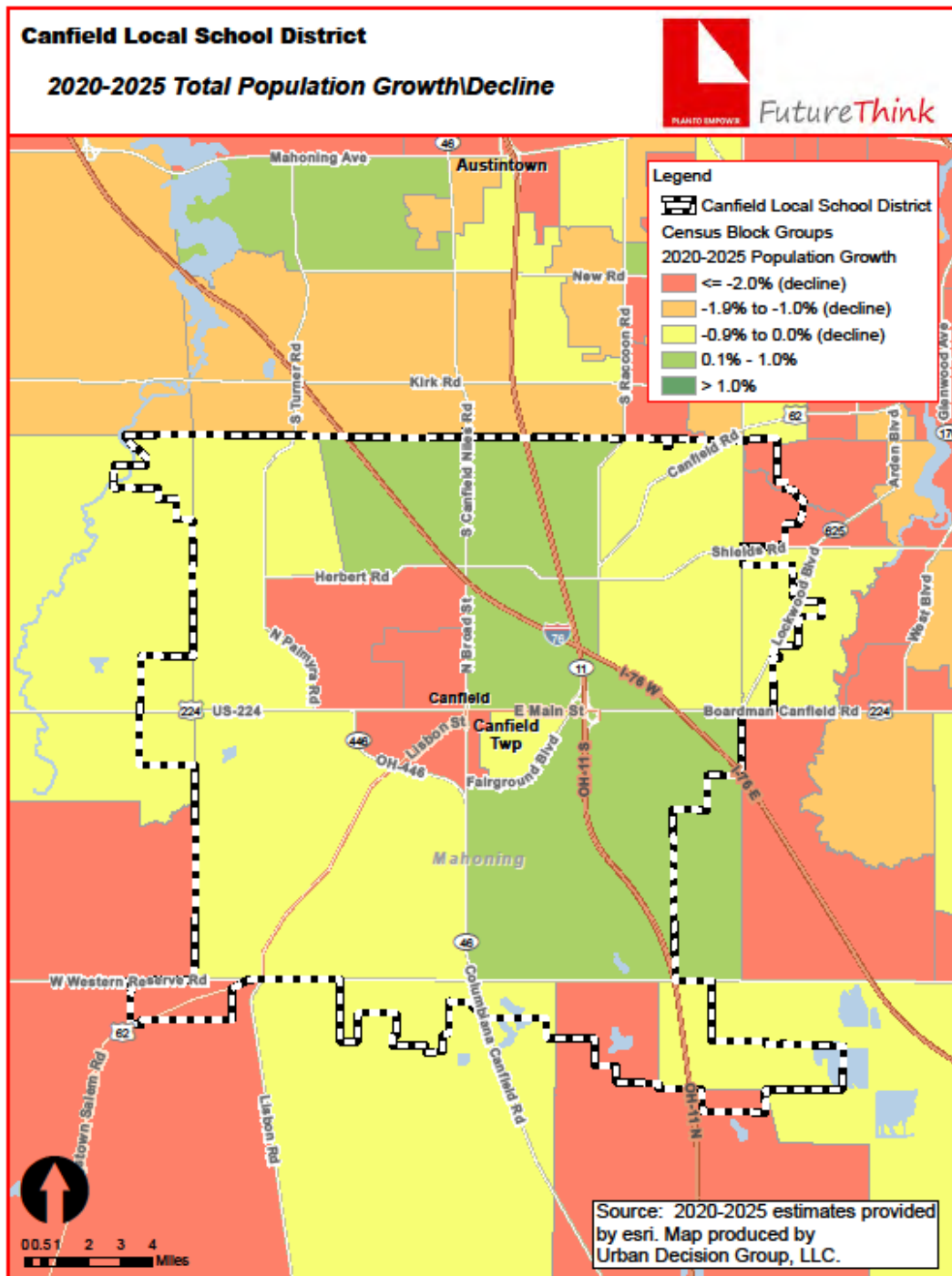
Median and average household incomes in the District are projected to increase by approximately 8% and 12%, respectively over a 5-year period. The average family size is projected to remain the same, and the total number of family households is projected to decrease by 1 percent.

Canfield Local School District	2020 Estimates	2025 Projections	Change 2020-25	Change 2020-25 (%)
Median Household Income	\$82,220	\$88,740	\$6,520	7.9%
Average Household Income	\$108,904	\$122,378	\$13,474	12.4%
Average Family Size	3.02	3.02	0.00	0.0%
Total Family Households	5,309	5,258	-51	-1.0%

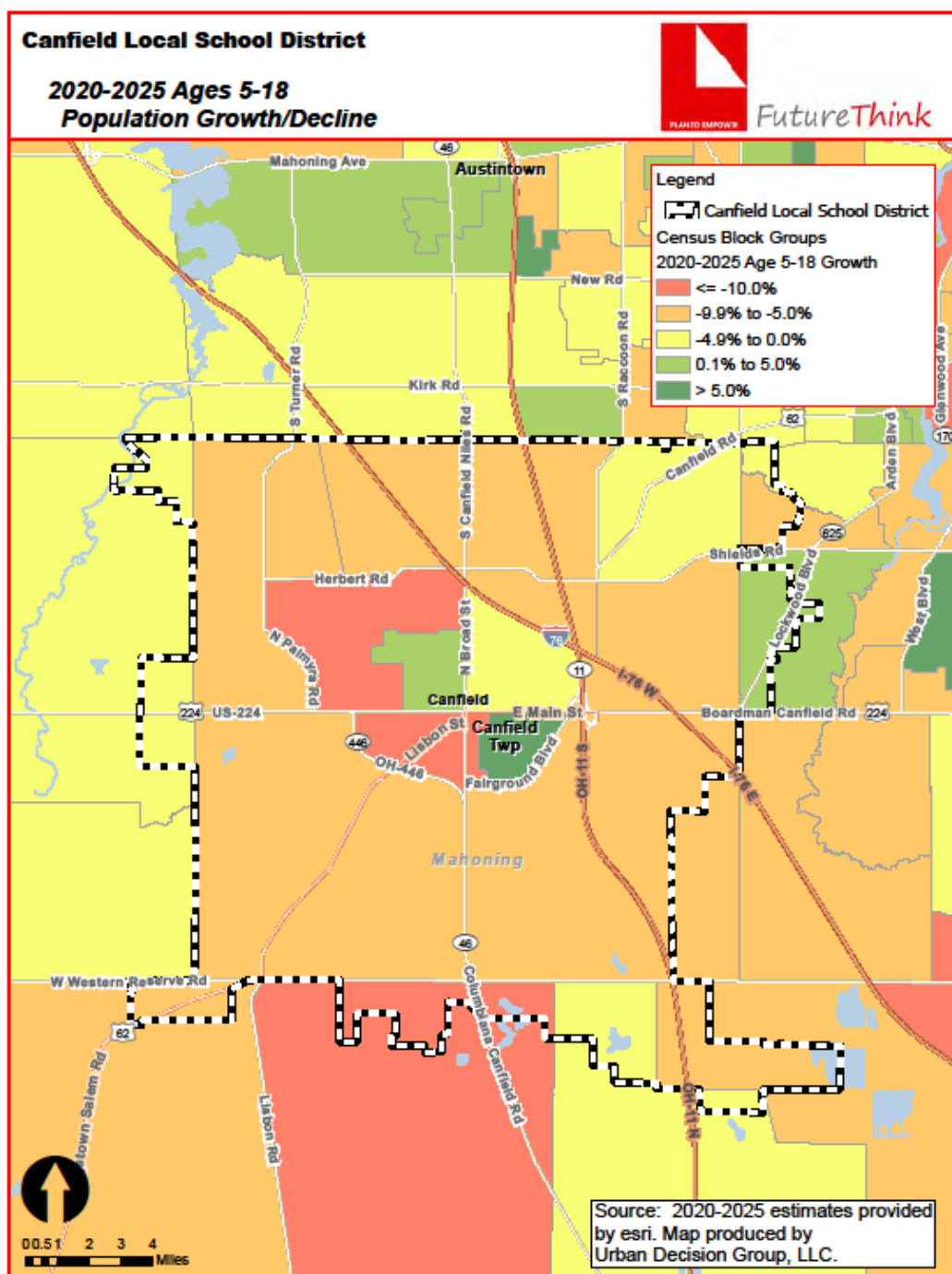
Source: ESRI

The maps on the following pages illustrate the data identified in the tables. The color coding identifies areas within the District that may be increasing or decreasing at different rates than others.

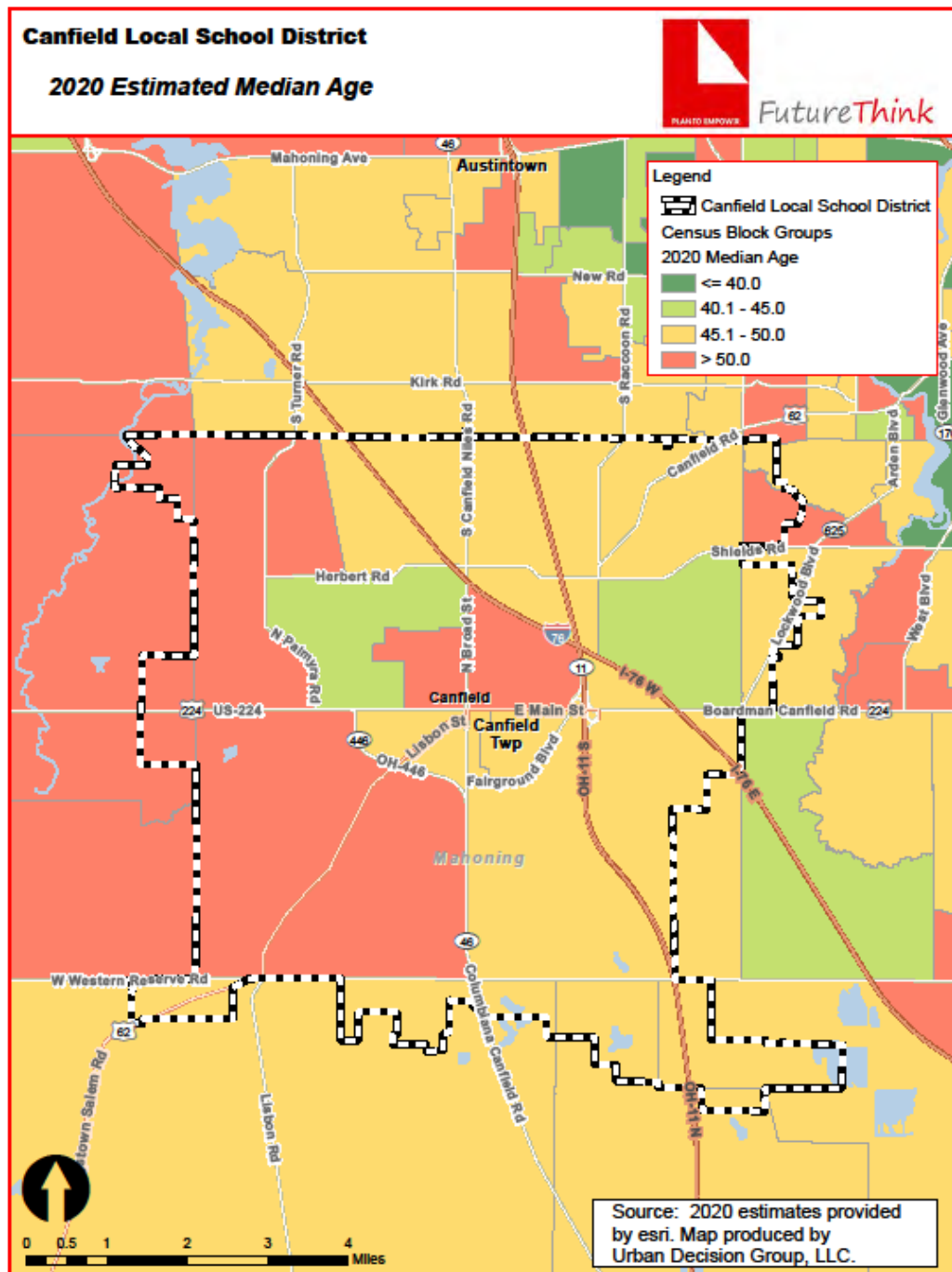
## Canfield Local School District



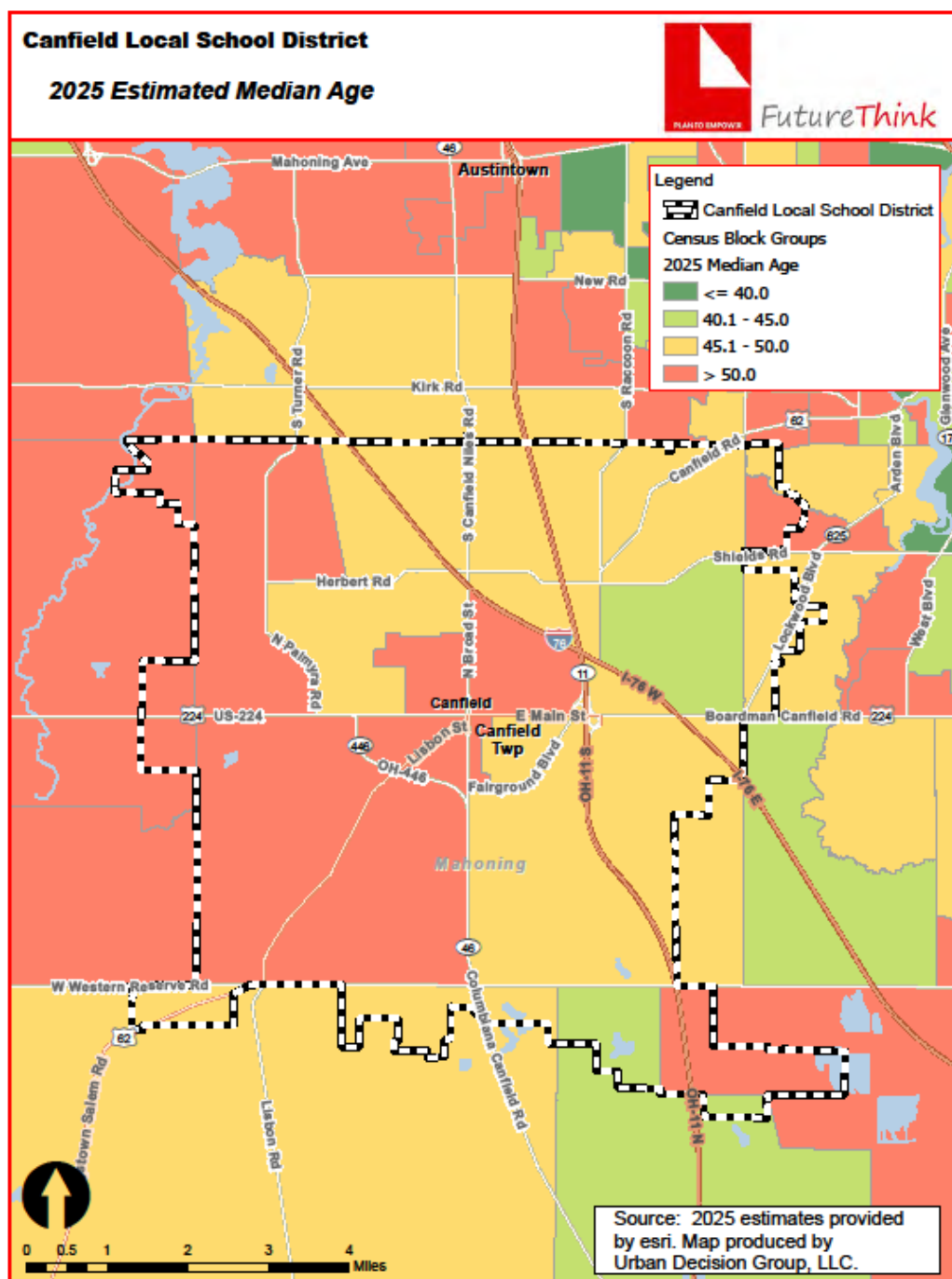
## Canfield Local School District



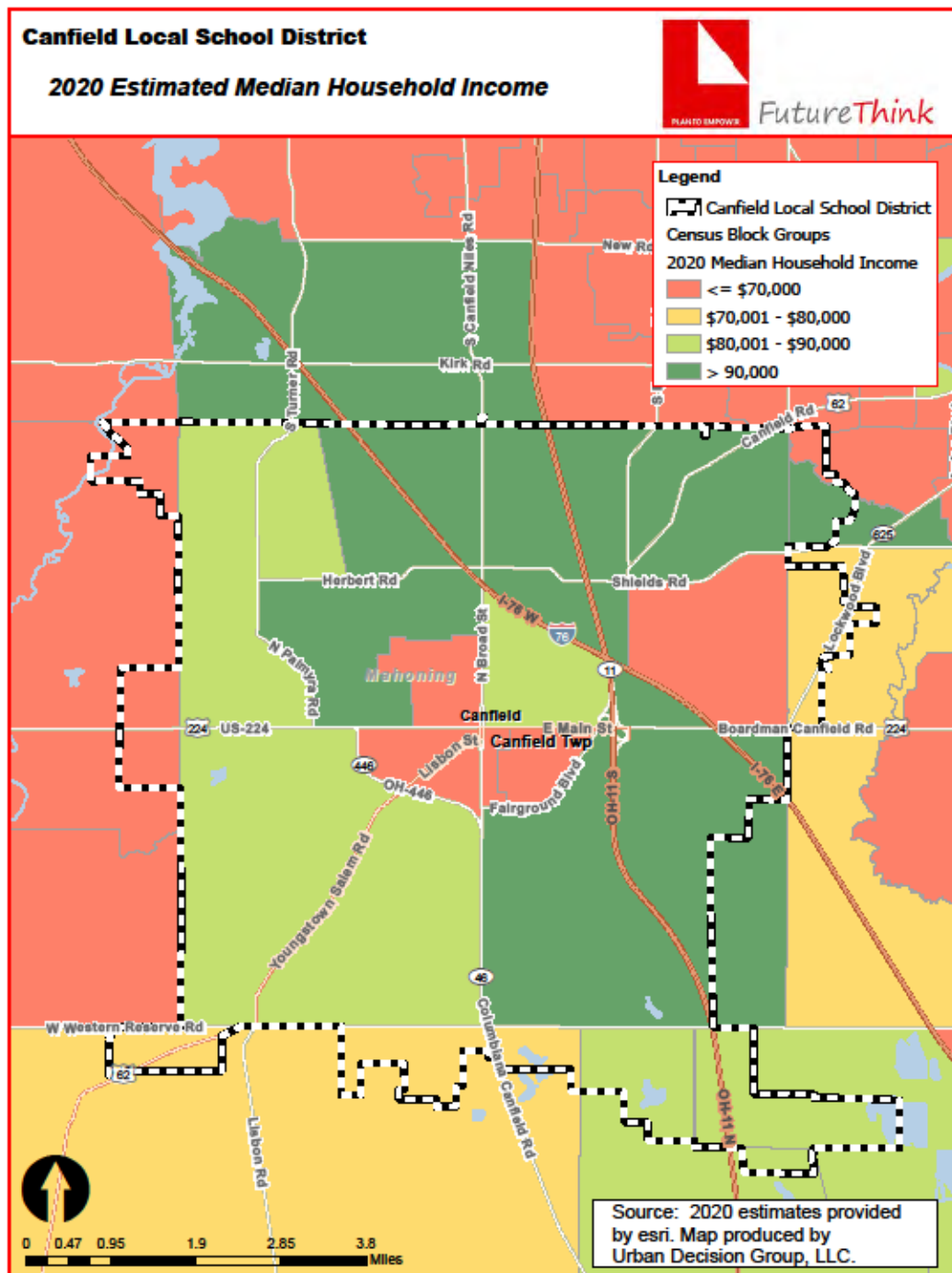
## Canfield Local School District



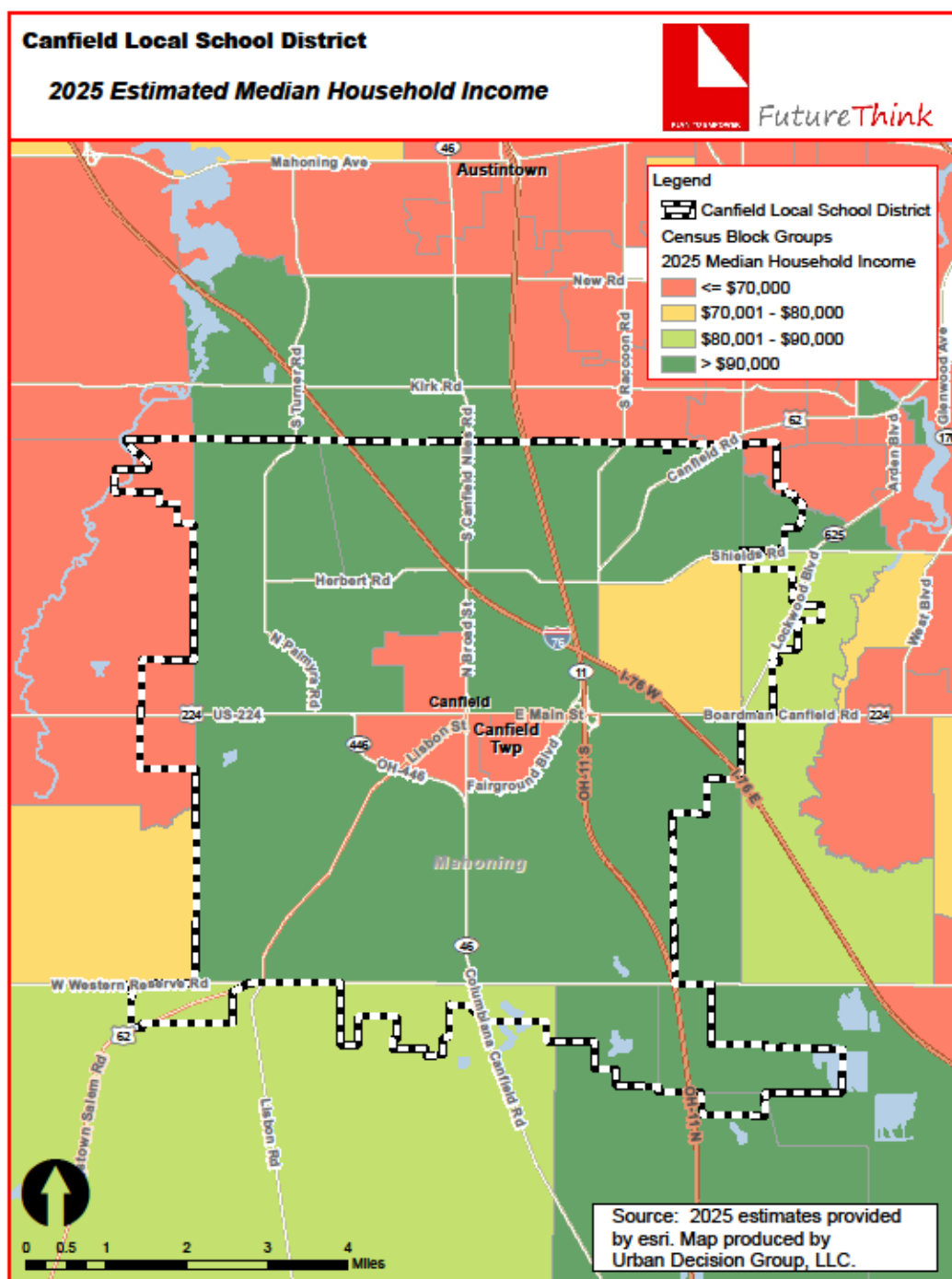
## Canfield Local School District



## Canfield Local School District



## Canfield Local School District



## Canfield Local School District

## HOUSING INFORMATION

The chart below illustrates the number of single-family dwelling building permits issued each year in Youngstown City and Mahoning County.

**# of Building Permits Issued for Single Family Dwellings**

Year	Youngstown City	Mahoning County
2011	0	117
2012	2	117
2013	0	149
2014	0	135
2015	0	127
2016	0	142
2017	0	139
2018	0	162
2019	0	135
2020	0	147
2021*	0	61

Source: SOCDs Building Permits Database

\*preliminary through April 2021





## Canfield Local School District

## SURVIVAL RATIOS

The chart below demonstrates the changes in enrollment as students move through the system. Percentages greater than 100 indicate that there are more students than there were in the previous grade the previous year. In other words, there was growth and new students entered the system. Percentages less than 100 indicate that there was decline with students leaving the system.

- Birth to Kindergarten: This ratio indicates the number of children born in the area who attend kindergarten in the District 5 years later. Percentages less than 100% result from movement out of the district, attendance at a non-public or charter school, or residence in another district within the same area.

The following table illustrates the survival ratios for the Canfield Local School District.

from	to	birth -> K	K->1	1->2	2->3	3->4	4->5	5->6	6->7	7->8	8->9	9->10	10->11	11->12
2011	2012	77.4%	138.0%	100.9%	101.9%	98.6%	100.4%	99.2%	96.1%	99.1%	96.5%	99.6%	94.2%	99.1%
2012	2013	74.1%	129.3%	105.1%	97.7%	100.0%	102.8%	98.3%	102.0%	100.8%	104.0%	96.8%	92.2%	99.6%
2013	2014	105.7%	130.2%	100.6%	101.5%	97.1%	101.4%	94.5%	96.9%	97.2%	100.0%	96.6%	90.7%	101.8%
2014	2015	103.3%	110.1%	104.9%	103.8%	98.6%	104.0%	95.5%	103.4%	100.9%	101.2%	102.0%	97.3%	100.0%
2015	2016	92.3%	110.3%	101.1%	101.7%	99.4%	103.4%	103.8%	101.4%	102.8%	98.6%	100.4%	93.4%	100.5%
2016	2017	104.8%	103.6%	100.0%	103.7%	102.3%	103.0%	101.9%	102.8%	101.4%	98.2%	99.5%	91.9%	102.5%
2017	2018	92.6%	101.7%	98.3%	100.6%	103.1%	101.7%	100.0%	103.2%	96.9%	101.4%	99.5%	97.2%	100.9%
2018	2019	104.7%	110.5%	104.5%	105.3%	101.7%	101.0%	99.5%	104.1%	100.0%	95.9%	100.5%	96.2%	101.9%
2019	2020	101.2%	95.5%	98.9%	99.5%	96.6%	106.3%	99.0%	102.8%	101.7%	93.3%	102.4%	92.7%	101.5%
	average	95.11%	114.352%	101.58%	101.7%	99.72%	102.7%	99.1%	101.4%	100.1%	98.791%	99.703%	93.980%	100.848%
	standard deviation	11.410%	13.800%	2.448%	2.211%	2.136%	1.695%	2.713%	2.722%	1.907%	3.089%	1.878%	2.302%	1.090%

## Canfield Local School District

**ENROLLMENT PROJECTION**

Enrollment projections were developed after analyzing the data collected in this report. The projections indicate an increase of 2 students in grades Pre-K through 12, not including full-time JVS students, from the 2020-21 to the 2030-31 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2030-31 school year.

**Preschool:**

The Ohio School Design Manual [OSDM] provides space for preschool students with disabilities and a maximum of 40 ECE preschool students. The Canfield Local School District funds preschool through the following sources:

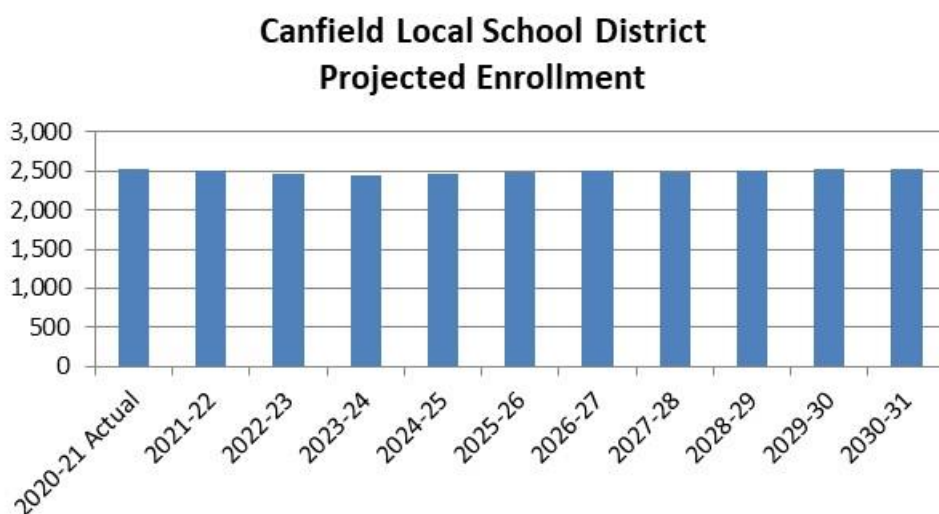
- General fund
- ECE Entitlement

**Kindergarten:**

The OSDM provides space for all day, every day kindergarten.

**Career Technical:**

Due to the specialized space requirements, career technical students are pulled out of the 11<sup>th</sup> and 12<sup>th</sup> grade enrollments and projected separately.



## Canfield Local School District

Canfield Local School District  
Projected Enrollment

Grade	2020-21 Actual	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Pre-K (special needs)	30	31	28	30	34	31	31	31	31	31	31
K	175	178	160	173	194	178	178	178	178	178	178
1	190	180	182	164	177	199	183	183	183	183	183
2	177	192	181	184	165	178	200	184	184	184	184
3	186	181	196	185	188	168	182	205	188	188	188
4	173	188	183	198	187	189	170	184	206	189	189
5	186	179	194	188	204	192	195	175	189	212	195
6	200	187	179	194	189	204	193	195	175	189	213
7	186	207	193	185	200	195	210	199	201	181	196
8	180	188	208	194	186	201	196	212	200	203	182
9	209	178	186	206	192	184	199	194	209	198	200
10	213	210	179	186	207	192	184	200	194	210	199
11	204	200	197	167	174	193	180	172	187	182	196
12	208	207	202	199	169	176	195	182	174	189	184
Pre-K - 12 Total	2,517	2,506	2,468	2,453	2,466	2,480	2,496	2,494	2,499	2,517	2,518
Career Tech Off-Site	1	2	2	2	2	2	2	2	2	2	2
Grand Total	2,518	2,508	2,470	2,455	2,468	2,482	2,498	2,496	2,501	2,519	2,520

Source: FutureThink

Canfield Local School District  
Projected Enrollment by Grade Group

Grade	2020-21 Actual	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Pre-K (special needs) - 4	931	950	930	934	945	943	944	965	970	953	953
5 - 8	752	761	774	761	779	792	794	781	765	785	786
9 - 12	834	795	764	758	742	745	758	748	764	779	779
Pre-K - 12 Total	2,517	2,506	2,468	2,453	2,466	2,480	2,496	2,494	2,499	2,517	2,518
Career Tech Off-Site	1	2	2	2	2	2	2	2	2	2	2
Grand Total	2,518	2,508	2,470	2,455	2,468	2,482	2,498	2,496	2,501	2,519	2,520

Source: FutureThink

## Canfield Local School District

### CONCLUSION

---

As with any projection, the District should pay close attention to live birth counts, enrollment in elementary schools, community school enrollment, open enrollment, and any housing growth. Each of these factors will have an impact on future student enrollment.

**FutureThink** is pleased to have had the opportunity to provide the District with enrollment projection services. We hope this document will provide the necessary information to make informed decisions about the future of the Canfield Local School District.



## Canfield Local School District

### APPENDIX

---

The following documents are included in the appendix:

- District Acceptance
- District Questionnaire





Tracy Healy &lt;thealy@futurethinkinc.com&gt;

---

## Canfield LSD (Mahoning) DRAFT Enrollment Projection Report

---

**Joe Knoll** <jknoll@canfieldschools.net>

Fri, Jun 25, 2021 at 2:25 PM

To: Tracy Healy &lt;thealy@futurethinkinc.com&gt;, Joe Knoll &lt;jknoll@canfieldschools.net&gt;

Tracy,

I accept the draft enrollment numbers as presented. Many thanks.....

[Quoted text hidden]

--

Joe Knoll, Superintendent

Canfield Local Schools

[100 Wadsworth Street](#)[Canfield, Ohio. 44406](#)E-mail: [jknoll@canfieldschools.net](mailto:jknoll@canfieldschools.net)

Phone: 330-533-3303

**District Questionnaire for Canfield Local of Mahoning County (48314) [Thealy]**

District Questionnaire has been submitted for review

**Enrollment Report For Canfield Local of Mahoning County (48314)****Contact Information**

Superintendent Name: Joseph Knoll  
 Superintendent Email: JKnoll@canfieldschools.net  
 Superintendent Phone: (330) 533-3303  
 Contact Name (if different from Superintendent): Lynette Brownlee  
 Contact Title: EMIS Coord.  
 Contact Email: LBrownlee@Canfieldschools.net  
 Contact Phone: (330) 702-7026

**K12 Enrollment**

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
<b>K</b>	142	123	126	168	155	167	176	162	199	175
<b>1</b>	211	196	159	164	185	171	173	179	179	190
<b>2</b>	213	213	206	160	172	187	171	170	187	177
<b>3</b>	214	217	208	209	166	175	194	172	179	186
<b>4</b>	230	211	217	202	206	165	179	200	175	173
<b>5</b>	246	231	217	220	210	213	170	182	202	186
<b>6</b>	259	244	227	205	210	218	217	170	181	200
<b>7</b>	226	249	249	220	212	213	224	224	177	186
<b>8</b>	229	224	251	242	222	218	216	217	224	180
<b>9</b>	245	221	233	251	245	219	214	219	208	209
<b>10</b>	240	244	214	225	256	246	218	213	220	213
<b>11</b>	243	240	242	200	224	242	228	213	205	204
<b>12</b>	235	242	236	230	197	220	247	230	218	209
<b>Ungraded</b>	11	11	13	5	6	7	0	0	0	0
<b>Total</b>	<b>2944</b>	<b>2866</b>	<b>2798</b>	<b>2701</b>	<b>2666</b>	<b>2661</b>	<b>2627</b>	<b>2551</b>	<b>2554</b>	<b>2488</b>

**All Day Kindergarten**

Do you offer kindergarten to all students, all day, every day?

yes

## Preschool Enrollment

Do you **house** Preschool/Pre-K students in your facilities, **including** Pre-K students in a program run by an ESC or other agency?  
yes

Please select your district's preschool funding sources:  
General Fund ECE Entitlement

Early Childhood Education (ECE) grant funding (known as entitlement and public preschool) is distributed by the Ohio Department of Education to districts to provide preschool services for 3- and 4-year old children of income eligible families.

Do you house Early Childhood Education (ECE) students in your facilities?  
no

Do you house Pre-K students with disabilities in your facilities?  
yes

Please provide enrollment data:

Grade	2011– 2012	2012– 2013	2013– 2014	2014– 2015	2015– 2016	2016– 2017	2017– 2018	2018– 2019	2019– 2020	2020– 2021
Pre-K with disabilities	20	23	23	24	27	34	24	27	36	30

Do you house other Pre-K students in your facilities that are not students with disabilities and are not enrolled in ECE, or Federal Head Start (e.g., tuition-based or funded with other sources)?  
no

## Student Teacher Ratios

What are your district's current average student to teacher ratios for the following grade groups?

Include core teachers only.

- K–3 0 to 1
- 4–5 0 to 1
- 6–8 0 to 1
- 9–12 0 to 1



## Grade Configurations

PK through 4  
5 through 8  
9 through 12

## Students with Disabilities

### Definitions:

- **IE13** — Special Education outside the regular class less than 21% of the day.
- **IE14** — Special Education outside the regular class at least 21% of the day and no more than 60% of the day.
- **IE15** — Special Education outside the regular class more than 60% of the day.

Please provide enrollment for students with disabilities by ODE program code and grade configuration.

Code	PK-4	5-8	9-12
IE13	120	85	68
IE14	13	5	11
IE15	10	8	7
Total	143	98	86

\*These students should be included in the October headcount

Does your District house additional students with disabilities from other school districts? (i.e., county programs, etc.) no

## Community Enrollment

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
PreK	0	0	0	0	0	0	0	0	0	0
K	2	0	0	0	0	0	0	0	0	2
1	0	0	1	2	1	0	0	0	0	0
2	0	1	0	0	1	1	0	0	0	0
3	3	0	0	1	0	1	1	1	0	3
4	1	2	2	0	1	0	0	1	0	2
5	0	1	1	0	0	1	0	0	1	1
6	0	0	0	2	2	0	2	0	1	1
7	1	0	0	0	2	1	0	2	1	2
8	1	1	1	4	0	2	0	3	0	0
9	3	6	4	3	6	3	3	2	4	15
10	2	2	5	2	1	2	1	3	5	5
11	9	6	6	4	2	4	5	5	6	9
12	3	4	3	5	2	2	2	4	5	4
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	25	23	23	23	18	17	14	21	23	44

## Open Enrollment (In)

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
Prek	0	0	0	0	0	0	0	0	0	0
K	3	10	0	0	0	0	0	0	0	0
1	2	2	0	0	0	0	0	0	0	0
2	3	3	0	0	0	0	0	0	0	0
3	2	4	0	0	0	0	0	0	0	0
4	4	3	0	0	0	0	0	0	0	0

5	4	3	0	0	0	0	0	0	0	0
6	2	4	0	0	0	0	0	0	0	0
7	6	5	0	0	0	0	0	0	0	0
8	7	8	0	0	0	0	0	0	0	0
9	4	11	0	0	0	0	0	0	0	0
10	6	5	0	0	0	0	0	0	0	0
11	7	8	0	0	0	0	0	0	0	0
12	1	6	0	0	0	0	0	0	0	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	51	72	0	0	0	0	0	0	0	0

### Open Enrollment (Out)

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
Prek	0	0	0	0	0	1	1	0	0	0
K	3	13	16	13	7	11	12	10	5	5
1	3	4	10	10	14	9	13	14	10	5
2	4	3	7	8	8	14	11	15	11	11
3	2	5	5	5	8	9	13	9	15	11
4	4	3	6	4	4	10	10	11	8	9
5	4	3	5	4	4	5	11	11	13	7
6	3	4	7	5	8	6	6	13	11	16
7	6	6	6	7	7	9	8	5	13	12
8	8	8	10	8	10	8	10	9	9	15
9	4	12	8	14	13	14	8	8	10	5
10	6	5	11	8	19	14	16	6	10	9
11	7	8	4	15	10	18	16	16	10	11
12	2	6	6	7	21	18	21	17	15	11
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	56	80	101	108	133	146	156	144	140	127

### JVS Enrollment

Does your District belong to a JVSD? yes

Please select the JVSD your District belongs to: Mahoning Co Career & Tech Ctr

Please provide enrollment for students attending JVS (or "Other") full or half-time.

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
Full Time 11	16	10	13	9	3	16	16	11	16	22
Full Time 12	15	16	9	13	13	6	18	14	10	14
Total	31	26	22	22	16	22	34	25	26	36

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
Half Time 11	6	4	4	6	5	3	2	1	0	0
Half Time 12	8	7	2	1	3	0	2	2	2	1
Total	14	11	6	7	8	3	4	3	2	1

## Career Technical Compact Enrollment

Does your District belong to a Compact? no

## Career Tech Program Enrollment

**Include only those students who are considered "concentrators" or enrolled in a "pathway". Do NOT include students who are just taking one course.**

**Comprehensive Career Tech:** Students who attend academics and career technical programs in your district.

**On-Site Career Tech:** Students who attend academics in another district but attend career technical programs in your district.

**Satellite JVSD:** Same as Comprehensive Career Tech, but the program is sponsored and/or administered by the JVS District and housed by your District.

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **L0-Culinary Arts-Program Type 4** program. Please use your official October enrollment (as available) to update the table. For years 2018-2019 and on use your enrollment data from the first full week of October.:

Grade	Enrolled 2011– 2012	Enrolled 2012– 2013	Enrolled 2013– 2014	Enrolled 2014– 2015	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021
Comprehensive Career Tech 11	0	0	0	0	0	0	0	0	0	0
Comprehensive Career Tech 12	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Number of sections you offer: 0 Notes:

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? no

## Boundaries

Please list municipalities, townships, and any additional counties within the boundaries of your school district: Boardman, Youngstown,  
Has your District experienced changes in District-wide boundaries since 2004? no

## Growth

Do you expect significant growth in your District over the next 10 years? no

## Additional Information

Please provide any additional information you feel may impact your District's future enrollment [i.e. private schools opening or closing]  
No information

## Submission Documents

The following are additional documents which may be useful in projecting your District's enrollment. Please check any documents you intend to provide for consideration and forward documents to:

Tracy Healy (thealy@futurethinkinc.com)  
or  
Future Think Inc.  
5685 Tynecastle Loop  
Dublin, 43016

☐ Return To District Print Report

**Please contact Tracy Healy (thealy@futurethinkinc.com, 614-264-2638) with any questions or concerns regarding the District Questionnaire.**