



FutureThink
PLAN TO EMPOWER

FINAL REPORT



OHIO FACILITIES CONSTRUCTION COMMISSION

Brunswick City School District

Medina County

Enrollment Projections

February 22, 2022

Brunswick City School District

INTRODUCTION

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

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

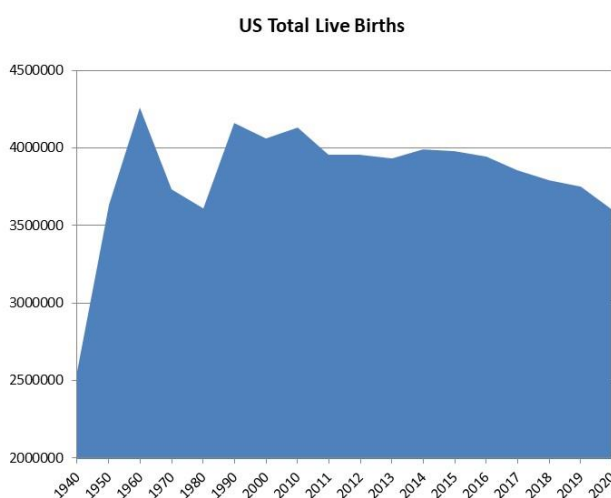
- ▶ Live birth data
- ▶ Historical enrollment
- ▶ Community school enrollment
- ▶ Open enrollment
- ▶ Community demographics
- ▶ Housing information

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.

Brunswick City School District

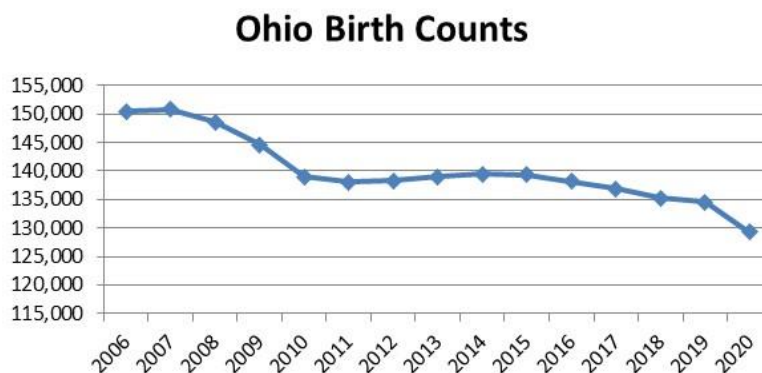
NATIONAL & OHIO TRENDS IN ENROLLMENT

Tracing the landscape of the country's public school enrollment back over the past 80 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. There has been steady decline since 2014. The decrease from 2019 to 2020 was approximately 4 percent.



Source: CDC, NVSS, National Vital Statistics Rapid Reports, Report 012, Number 2, May 2021

Ohio has experienced a similar trend in live births as seen around the country. Births increased slightly in 2006 and 2007, but there has been steady decline since 2014. In 2020, the birth count total was 129,309, also a decrease of approximately 4% from the 2019 count.

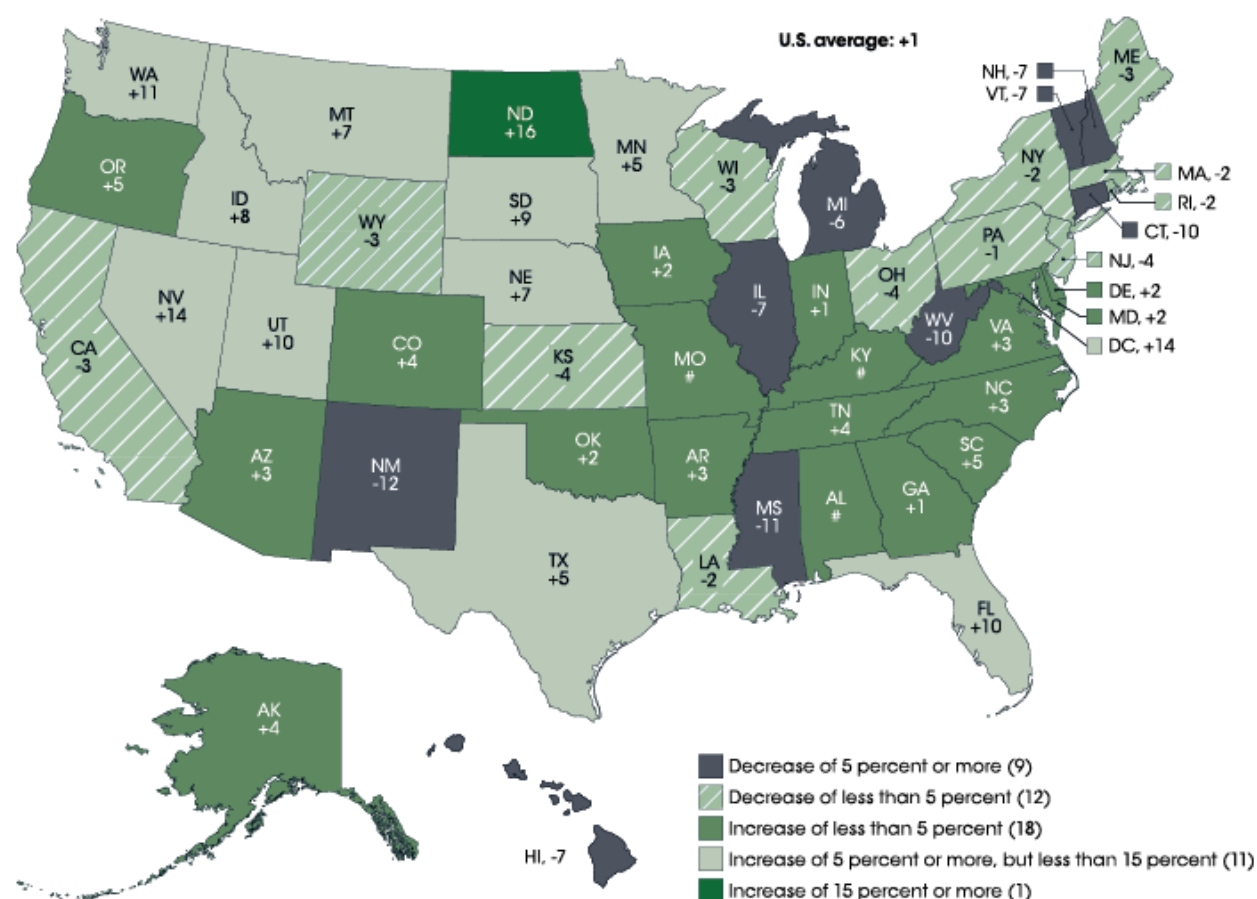


Brunswick City School District

In addition, to births dropping in Ohio, the state is also aging. The median age in 2020 was 40.2 years of age while the national median age was 38.0 years. In 2010, the median age in Ohio was 38.3 years.

In 2017-18, approximately 50.3 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](#)



Brunswick City School District

In Ohio, enrollment has declined steadily for both public and non-public school enrollment. From 2011-12 to 2020-21, public school enrollment declined by 121,387 students or approximately 7% statewide.

Ohio Public School Enrollment

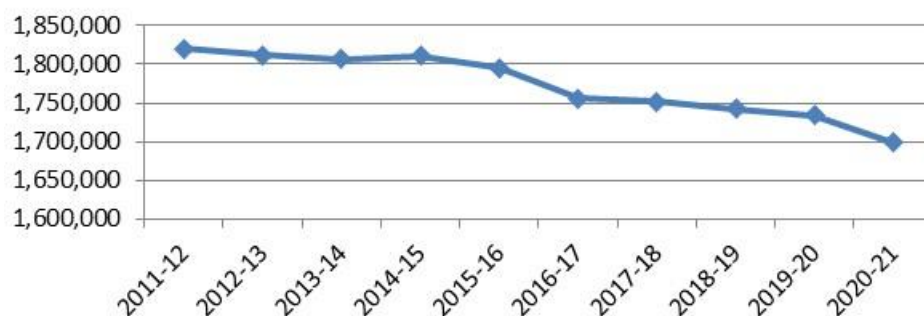
2010-11 - 2019-20

Year	October Headcount*
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
2020-21	1,698,925

Source: Ohio Department of Education

*includes grades K-12 and ungraded

Ohio Public School Enrollment



Brunswick City School District

From 2011-12 to 2020-21, non-public school enrollment has declined by 17,058 students or approximately 10 percent.

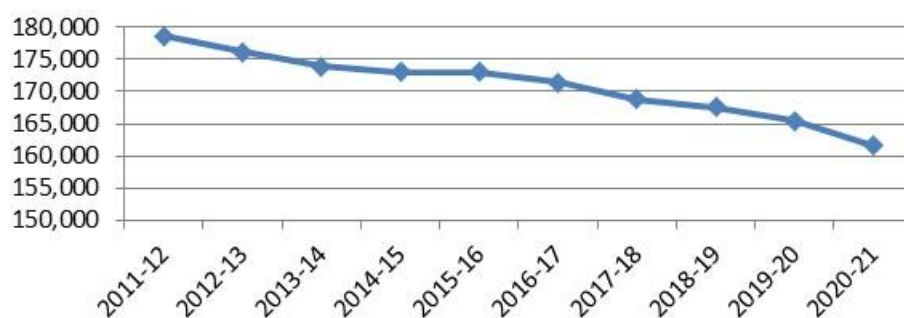
Ohio Chartered Non-Public School Enrollment
2010-11 - 2019-20

Year	October ADM*
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
2020-21	161,644

Source: Ohio Department of Education

*includes grades K-12

Ohio Non-Public School Enrollment



Brunswick City School District

Out of 609 school districts, only 64 (or approximately 11%) gained enrollment in grades K - 12 from the 2011-12 to the 2020-21 school year and 5 districts experienced neither gain or loss in enrollment.

Of the 539 school districts who lost enrollment, only 68 (or 13%) lost less than 5 percent, and 103 districts (or 19%) lost between 5 and 10 percent. Approximately 46% (or 246 districts) lost between 10 and 20 percent, and approximately 23% (or 123 districts) lost more than 20 percent.

For those districts that gained enrollment, 20 (or 31%) increased by less than 5 percent, and 20 (or 31%) increased between 5 and 10 percent. Thirteen districts (or 20%) increased between 10 and 20%, and 11 districts (or 17%) increased over 20 percent.

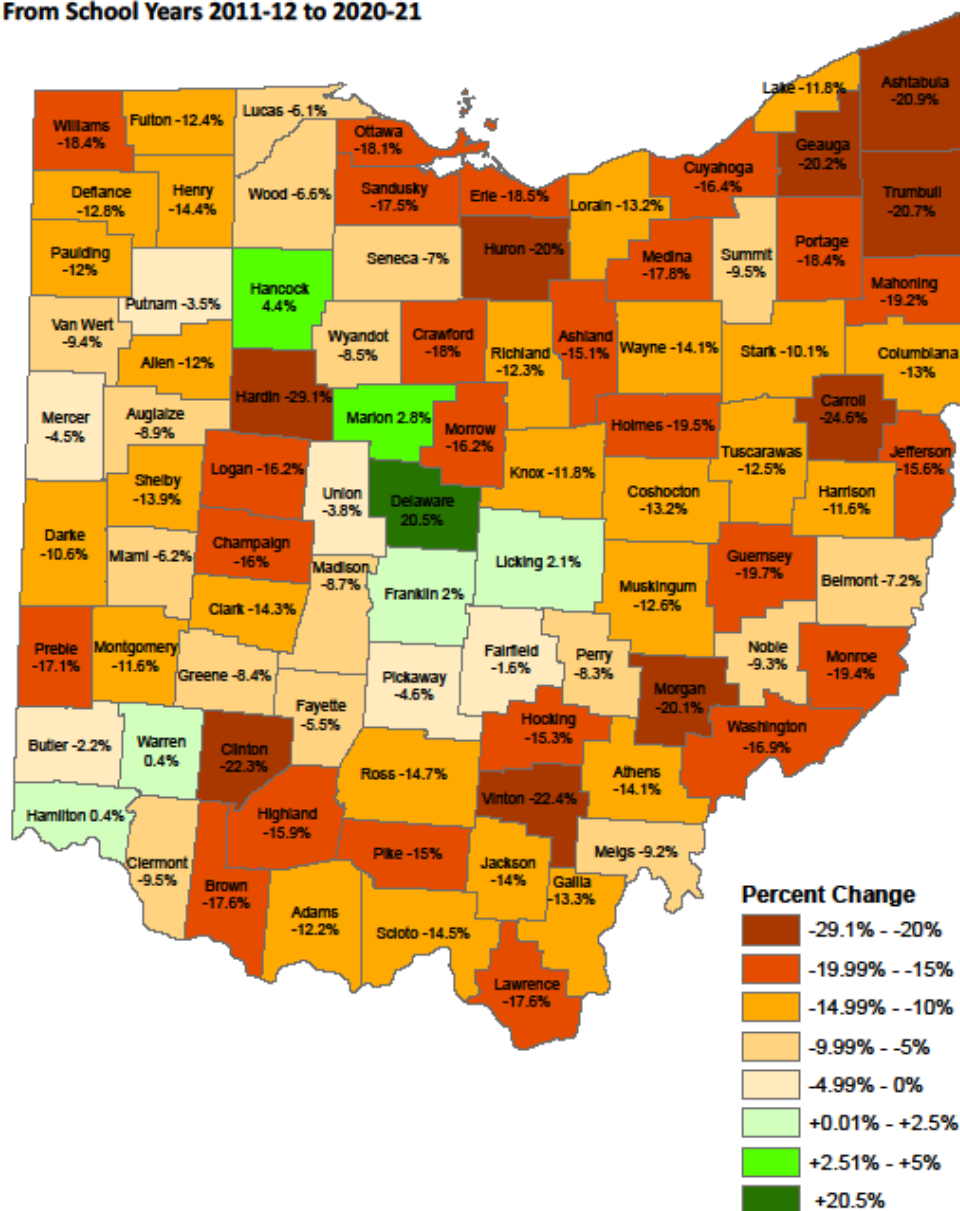
Analyzing enrollment from a county perspective, only 7 of the 88 counties in Ohio gained K – 12 enrollment from the 2011-12 to the 2020-21 school year: Delaware, Hancock, Marion, Licking, Franklin, Warren, and Hamilton.

County	2011-12	2020-21	Difference	%
Delaware	27223	32817	5594	20.55%
Hancock	10900	11378	478	4.39%
Marion	9478	9741	263	2.77%
Licking	26428	26995	567	2.15%
Franklin	164293	167503	3210	1.95%
Warren	36112	36259	147	0.41%
Hamilton	99668	100029	361	0.36%

Hardin County had the highest percentage loss of students at approximately 29 percent. Sixty-seven percent of the counties (59 total) experienced a decline of greater than 10 percent. The map on the following page illustrates the gain/loss for each county from the 2011-12 to the 2020-21 school year.

Brunswick City School District

**Student Enrollment Growth/Loss
From School Years 2011-12 to 2020-21**



Brunswick City 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.

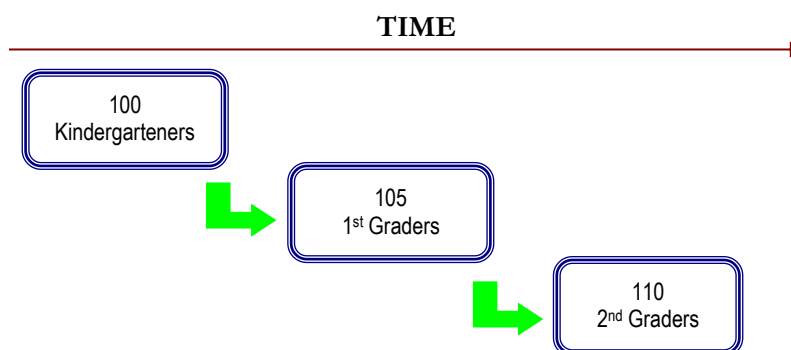
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population? 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:

Brunswick City 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.

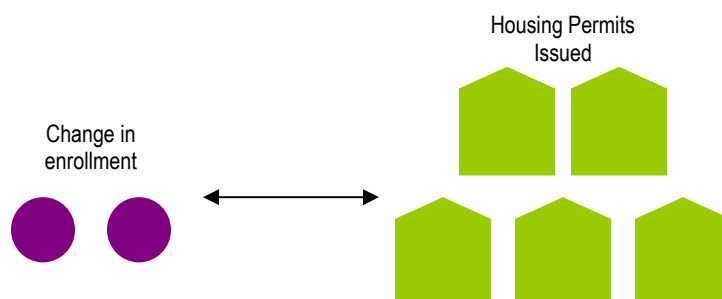
This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, live birth counts are used to develop a survival ratio. Babies born five years previous to the kindergarten class are compared in number,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

Brunswick City 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.



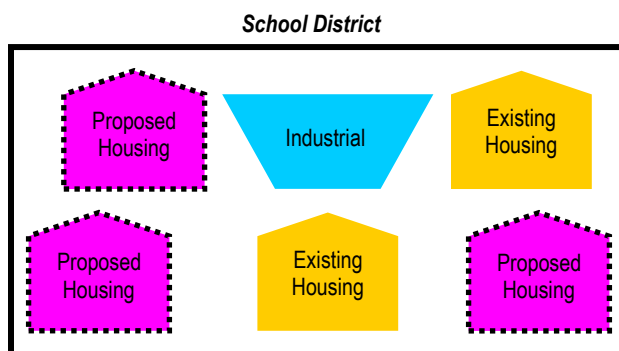
Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

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.

Brunswick City 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 Brunswick City School District.

Brunswick City School District

HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Brunswick City School District has decreased by 1,056 students in grades Pre-K – 12, including ungraded, special education, career technical, and full-time JVS students. Total enrollment for the 2021-22 school year is 6,613 students.

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

- Pre-K – 0%
- K-5 – 10%
- 6-8 – 9%
- 9-12 – 6%

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

- Pre-K – 100%
- K-5 – 2%
- 6-8 – 1%
- 9-12 – 2%

The following graph illustrates the District's Pre-K – 12 enrollment history from 2012-13 through 2021-22.



Brunswick City School District

The following tables illustrate the District's enrollment history from 2012-13 through 2021-22.

**Brunswick City School District
Historical Enrollment**

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Pre-K (special needs)	79	76	84	108	94	84	78	84	85	78
K	504	500	492	454	450	423	456	444	404	420
1	556	501	506	513	462	454	442	490	437	442
2	499	558	504	506	526	449	471	446	476	437
3	581	513	551	519	521	530	470	461	423	489
4	555	585	521	567	534	508	531	475	447	440
5	537	562	582	534	585	530	511	532	469	444
6	601	524	570	598	528	584	543	519	516	478
7	627	596	527	577	609	530	585	552	506	518
8	618	643	590	538	593	607	532	585	515	523
9	640	683	696	639	584	630	630	554	582	551
10	635	581	634	687	633	569	617	629	522	580
11	409	439	543	577	608	483	417	453	441	408
12	447	424	603	558	611	492	522	426	449	466
Pre-K - 12 Total	7,324	7,221	7,439	7,419	7,396	6,951	6,892	6,732	6,273	6,330
Ungraded	16	18	10	8	12	0	0	0	0	0
Career Tech Off-Site	31	34	39	37	35	36	27	27	22	26
JVS Full-Time	298	283	289	276	278	248	227	245	253	257
Grand Total	7,669	7,556	7,777	7,740	7,721	7,235	7,146	7,004	6,548	6,613

Source: Ohio Department of Education, EMIS; Brunswick City School District

**Brunswick City School District
Historical Enrollment by Grade Group**

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Pre-K (special needs) - 5	3,311	3,295	3,240	3,201	3,172	2,978	2,959	2,932	2,741	2,750
6 - 8	1,846	1,763	1,687	1,713	1,730	1,721	1,660	1,656	1,537	1,519
9 - 12	2,131	2,127	2,476	2,461	2,436	2,174	2,186	2,062	1,994	2,005
Pre-K - 12 Total	7,288	7,185	7,403	7,375	7,338	6,873	6,805	6,650	6,272	6,274
Ungraded	16	18	10	8	12	0	0	0	0	0
Career Tech Off-Site	31	34	39	37	35	36	27	27	22	26
Grand Total	7,335	7,237	7,452	7,420	7,385	6,909	6,832	6,677	6,294	6,300

Source: Ohio Department of Education, EMIS; Brunswick City School District

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

Brunswick City School District

COMMUNITY SCHOOL ENROLLMENT

In Ohio, community school enrollment has increased over the last decade. From 2010-11 to 2019-20, enrollment has increased by approximately 3% from 99,658 students in 341 community schools to 102,634 students in 314 community schools.

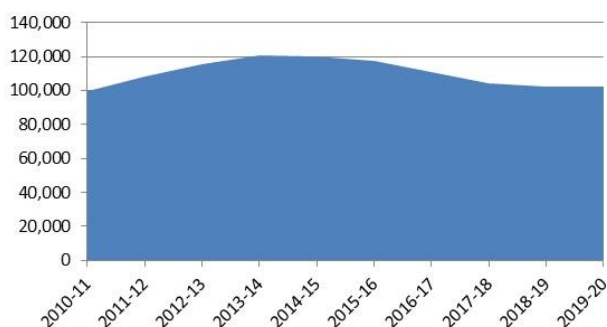
State of Ohio
Community School Enrollment (Pre-K - 12)

Grade	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Grand Total	99,658	108,124	115,225	120,893	120,200	117,282	110,961	104,380	102,563	102,634

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2020-21

FTE students

Ohio Community School Enrollment

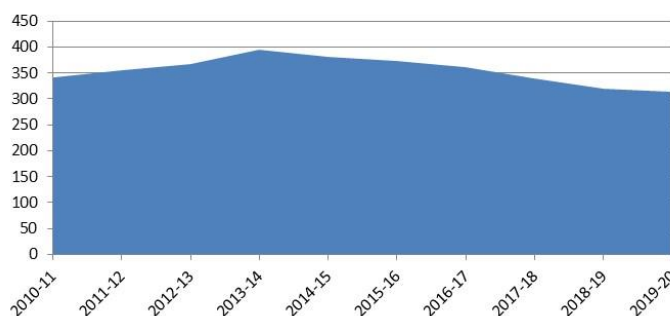


State of Ohio
Number of Community Schools

Grade	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Grand Total	341	355	367	395	381	373	362	340	320	314

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2020-21

Number of Community Schools in Ohio



Brunswick City School District

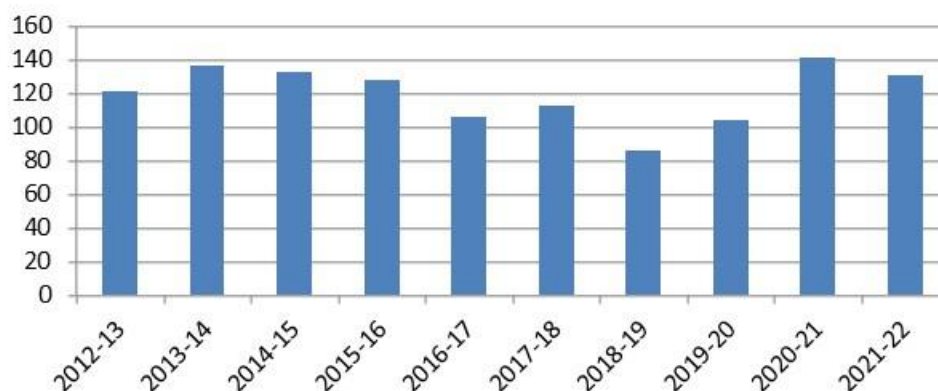
Since 2012-13, the number of Brunswick City School District students attending community schools has increased from 121 to 131 students with some fluctuation. Enrollment of Brunswick City School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

**Brunswick City School District
Community School Enrollment**

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Pre-K	0	0	0	0	0	0	0	0	0	0
K	6	6	3	3	5	10	5	4	9	8
1	5	10	2	4	5	5	5	5	7	6
2	3	4	3	2	4	4	3	4	9	5
3	7	3	5	3	2	4	4	3	13	3
4	4	7	2	6	4	7	5	4	10	8
5	3	5	6	0	4	4	10	3	3	9
6	4	4	2	6	2	4	8	8	10	5
7	9	7	6	7	3	5	3	14	11	8
8	12	10	9	8	10	8	8	6	15	14
9	17	21	17	9	10	11	5	14	9	12
10	20	23	23	15	10	13	11	12	17	12
11	14	17	38	37	18	15	12	10	16	19
12	17	19	17	28	29	23	7	17	12	22
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	121	136	133	128	106	113	86	104	141	131

Source: Ohio Department of Education, EMIS; Brunswick City School District

**Brunswick City School District
Students Attending Community Schools**



Brunswick City School District

OPEN ENROLLMENT

Since 2012-13, the number of Brunswick City School District students “open enrolling” into the District has fluctuated between 19 and 51 students. The number of students “open enrolling” out of the District has increased from 15 to 55 students with some fluctuation. 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.

**Brunswick City School District
Open Enrollment - IN**

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Pre-K	0	2	2	2	2	4	3	4	0	1
K	5	5	5	3	4	0	0	4	2	1
1	1	4	6	4	3	5	0	0	4	2
2	0	2	4	3	4	2	4	0	0	3
3	0	1	4	3	4	3	3	4	0	0
4	1	0	2	2	3	4	4	2	4	0
5	0	1	1	1	2	3	3	5	2	4
6	0	0	2	1	1	2	1	4	5	2
7	0	0	0	1	1	1	2	2	4	4
8	0	0	2	0	1	1	1	2	3	4
9	1	6	2	6	2	3	1	1	2	3
10	3	1	8	3	3	1	0	1	2	1
11	3	6	6	11	7	5	1	3	0	2
12	5	1	0	0	14	8	5	5	5	2
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	19	29	44	40	51	42	28	37	33	29

Source: Ohio Department of Education, EMIS; Brunswick City School District



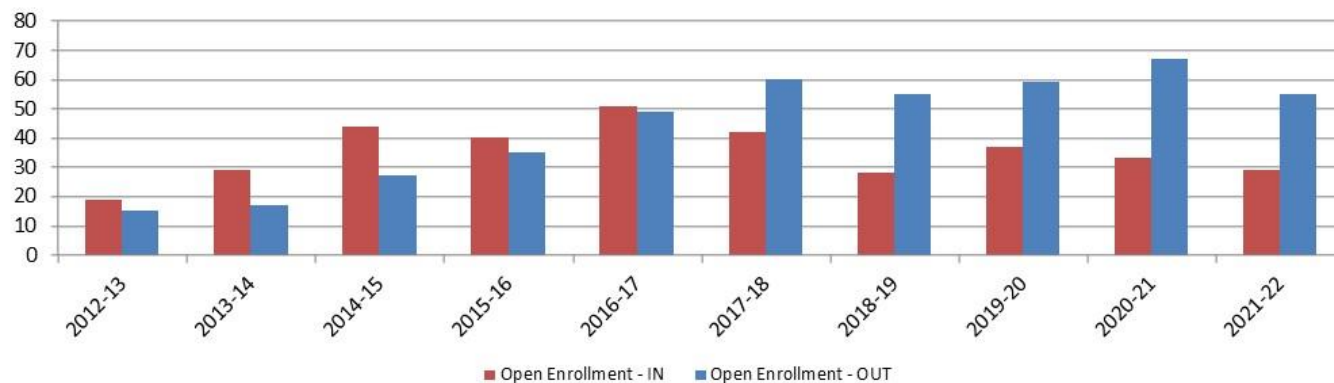
Brunswick City School District

Brunswick City School District Open Enrollment - OUT

Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Pre-K	0	0	0	0	1	1	0	1	0	2
K	1	5	3	0	3	2	3	2	6	6
1	2	0	3	3	1	5	2	4	8	4
2	0	1	0	3	3	3	1	2	4	8
3	2	1	2	2	4	2	1	3	1	6
4	1	2	1	3	3	3	2	1	5	1
5	0	0	0	2	4	6	3	1	3	4
6	1	0	0	3	3	4	5	4	1	0
7	2	2	0	1	3	3	4	8	5	0
8	1	2	3	0	3	4	5	2	9	4
9	0	1	7	2	1	5	5	8	3	6
10	1	0	3	9	5	3	8	5	11	1
11	1	1	3	4	10	8	7	10	5	9
12	3	2	2	3	5	11	9	8	6	4
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	15	17	27	35	49	60	55	59	67	55

Source: Ohio Department of Education, EMIS; Brunswick City School District

Brunswick City School District Open Enrollment



Brunswick City 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.

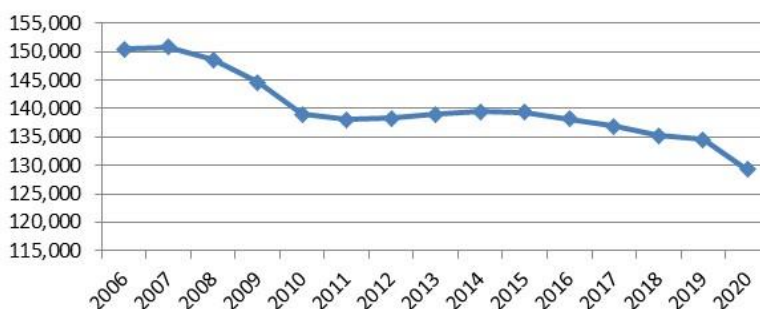
The number of live births is recorded by:

- ▶ 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 there has been steady decline since 2014. In 2020, the birth count total was 129,309, a decrease of approximately 4% from the 2019 count.

Ohio Birth Counts



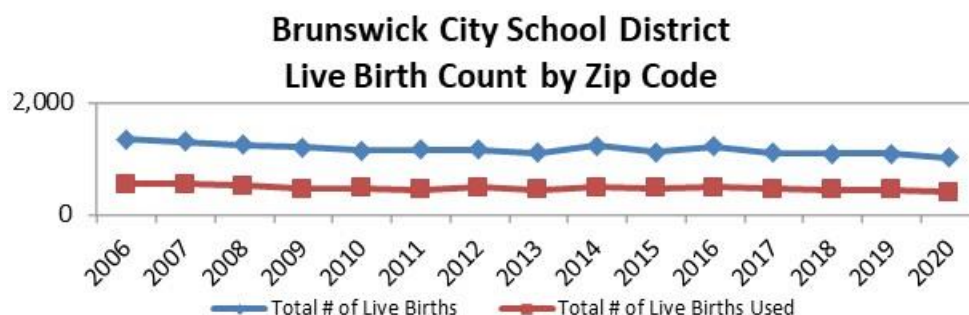
Brunswick City School District

The following table and graph include the live birth counts for zip codes 44212, 44233, and 44256. However, upon analysis of the map on page 20, only zip code 44212 was used for projection purposes.

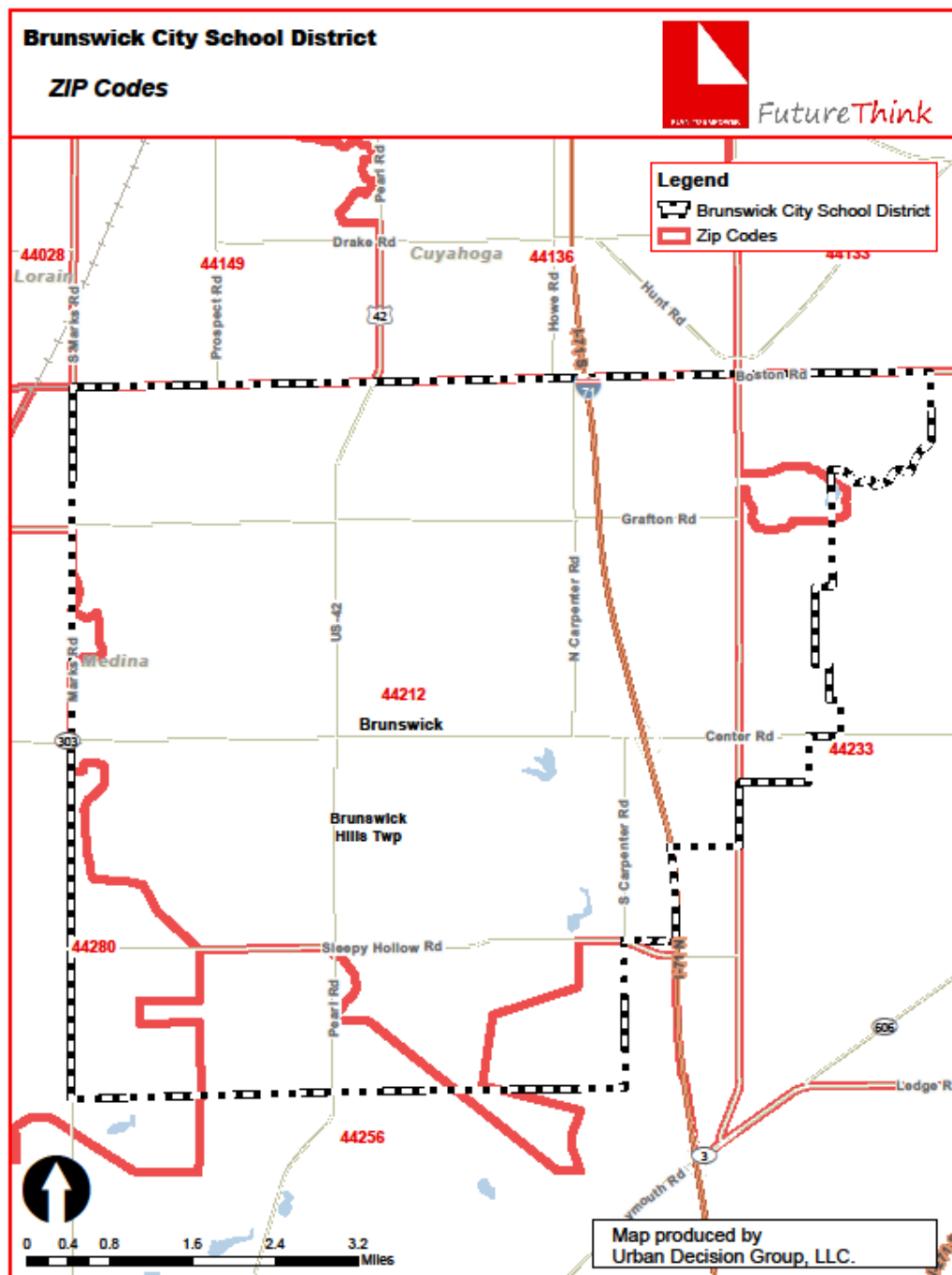
**Brunswick City School District
Live Birth Count by Zip Code
2006-2020**

Year	44212	44233	44256	Total # of Live Births	Total # of Live Births Used
2006	542	55	751	1,348	542
2007	545	64	689	1,298	545
2008	512	61	674	1,247	512
2009	460	41	706	1,207	460
2010	473	60	615	1,148	473
2011	435	60	668	1,163	435
2012	490	43	622	1,155	490
2013	436	52	612	1,100	436
2014	481	74	669	1,224	481
2015	470	48	601	1,119	470
2016	482	67	665	1,214	482
2017	458	59	578	1,095	458
2018	445	49	595	1,089	445
2019	436	53	595	1,084	436
2020	402	66	542	1,010	402

Source: Ohio Department of Health, Public Health Data Warehouse



Brunswick City School District



Brunswick City School District

DEMOGRAPHICS

The Brunswick City School District is comprised of Brunswick City, Brunswick Hills Township, and Hinckley Township in Medina County. General demographic data is included in the following tables for the areas located completely or partially in the District.

General Demographic Information

	Medina County	State of Ohio
Per Capita Income	\$37,788	\$31,552
Median Household Income	\$76,600	\$56,602
Persons Below Poverty	6.0%	14.0%

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

Total Population

	2010 Census	2020 Census
Medina County	172,332	182,470
Brunswick City	34,255	35,426
Brunswick Hills Township	9,898	11,196
Hinckley Township	7,646	8,025

Source: 2010: DEC Summary File 1; 2020 DEC Redistricting Data

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

Brunswick City 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.

Brunswick City 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.

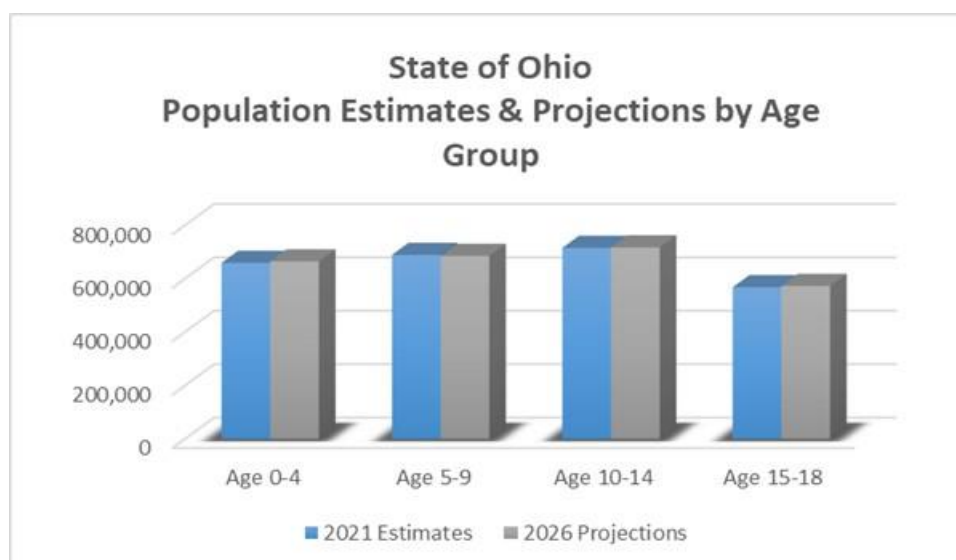
The total population in the State of Ohio is 11,839,300. This population is projected to increase by 126,863 people, or approximately 1% over a 5-year period.

The 0-18-year-old population in the State currently totals 2,630,394. This population is projected to increase by 8,711 children, or less than 1 percent.

The median age is projected to increase by approximately 2% from 40.5 to 41.2 years of age.

State of Ohio	2021 Estimates	2026 Projections	Change 2021-26	Change 2021-26 (%)
Total Population	11,839,300	11,966,163	126,863	1.1%
Age 0-4	658,995	664,484	5,489	0.8%
Age 5-9	688,748	685,425	-3,323	-0.5%
Age 10-14	714,974	716,908	1,934	0.3%
Age 15-18	567,677	572,288	4,611	0.8%
Total Age 0-18	2,630,394	2,639,105	8,711	0.3%
Median Age	40.5	41.2	0.7	1.7%

Source: ESRI

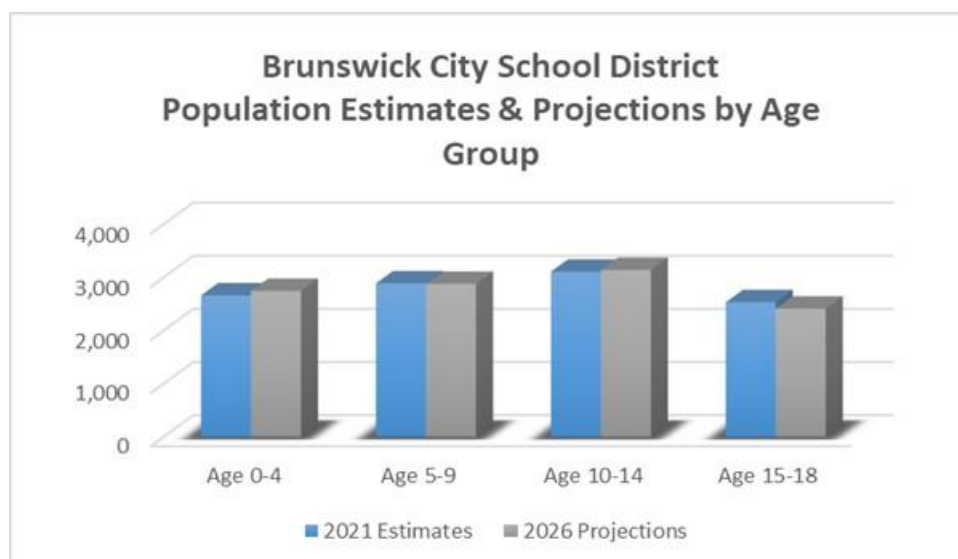


Brunswick City School District

The total population in the District is 48,731. This population is projected to increase by 1,644 people, or approximately 3% over a 5-year period. The 0-18-year-old population in the District currently totals 11,194. This population is projected to decrease by 14 people, or less than 1 percent. The median age is projected to increase by 1.5%, from 41.0 to 41.6 years of age.

Brunswick City School District	2021 Estimates	2026 Projections	Change 2021-26	Change 2021-26 (%)
Total Population	48,731	50,375	1,644	3.4%
Age 0-4	2,662	2,747	85	3.2%
Age 5-9	2,889	2,879	-10	-0.3%
Age 10-14	3,109	3,140	31	1.0%
Age 15-18	2,534	2,414	-120	-4.7%
Total Age 0-18	11,194	11,180	-14	-0.1%
Median Age	41.0	41.6	0.6	1.5%

Source: ESRI



Brunswick City School District

Median and average household incomes in the State are projected to increase by approximately 10% 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 increase by less than 1 percent.

State of Ohio	2021 Estimates	2026 Projections	Change 2021-26	Change 2021-26 (%)
Median Household Income	\$57,725	\$63,217	\$5,492	9.5%
Average Household Income	\$79,579	\$88,887	\$9,308	11.7%
Average Family Size	3.01	3.01	0.00	0.0%
Total Family Households	3,015,209	3,031,783	16,574	0.5%

Source: ESRI

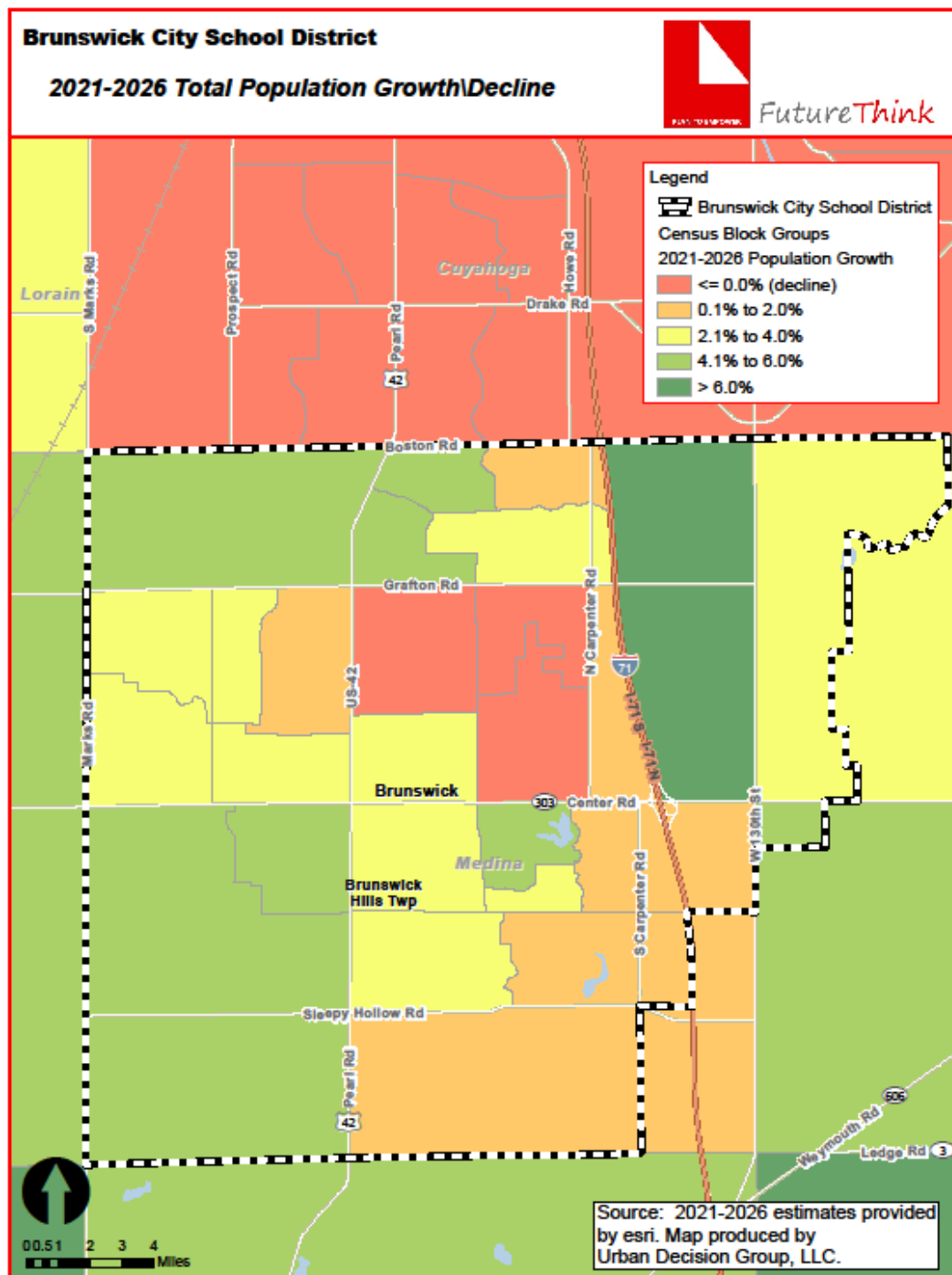
Median and average household incomes in the District are projected to increase by approximately 7% and 10%, respectively over a 5-year period. The average family size is decline by less than 1%, and the total number of family households is projected to increase by approximately 3 percent.

Brunswick City School District	2021 Estimates	2026 Projections	Change 2021-26	Change 2021-26 (%)
Median Household Income	\$73,127	\$78,536	\$5,409	7.4%
Average Household Income	\$92,134	\$101,033	\$8,899	9.7%
Average Family Size	3.06	3.05	-0.01	-0.3%
Total Family Households	13,606	14,048	442	3.2%

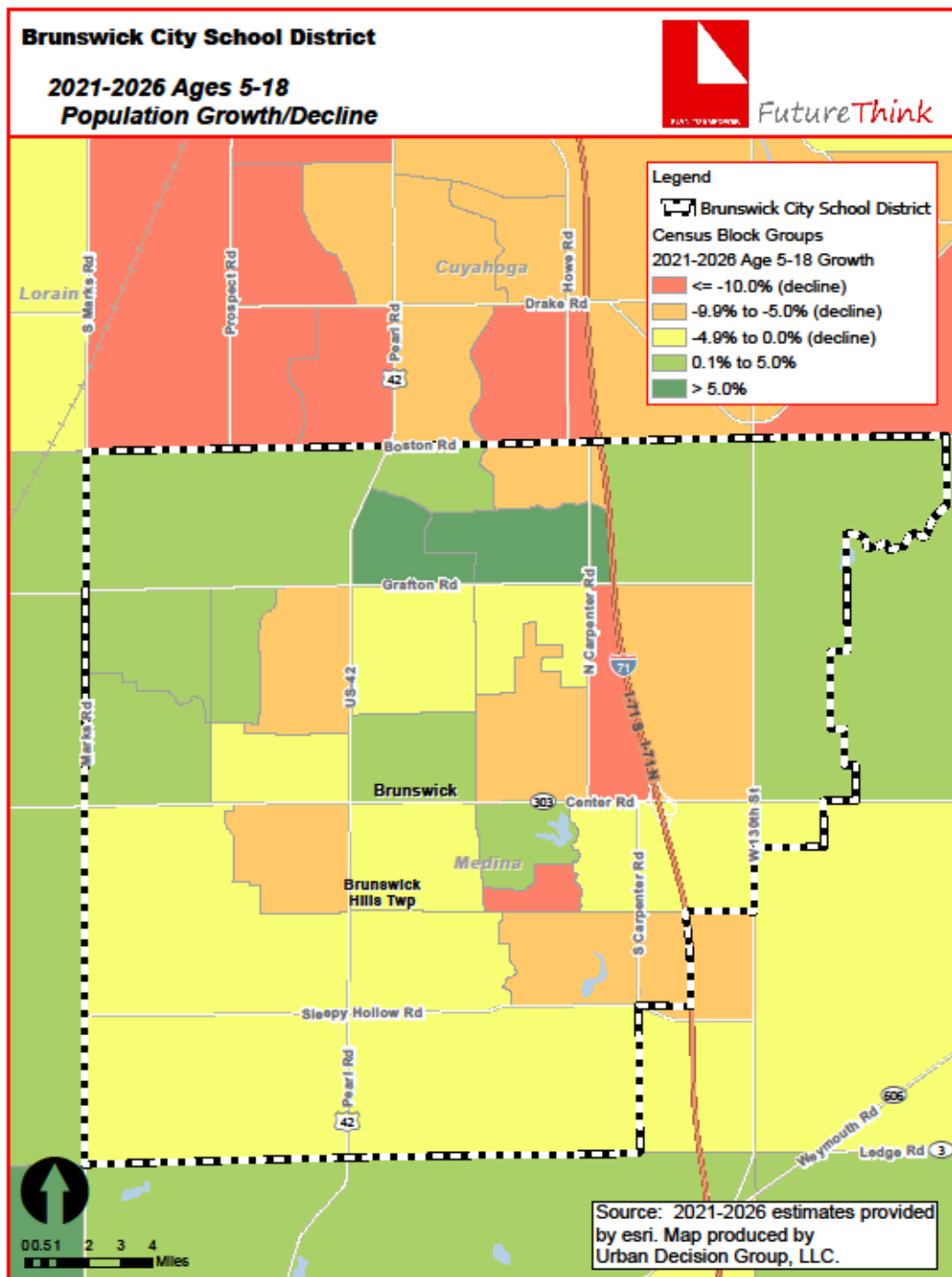
Source: ESRI

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.

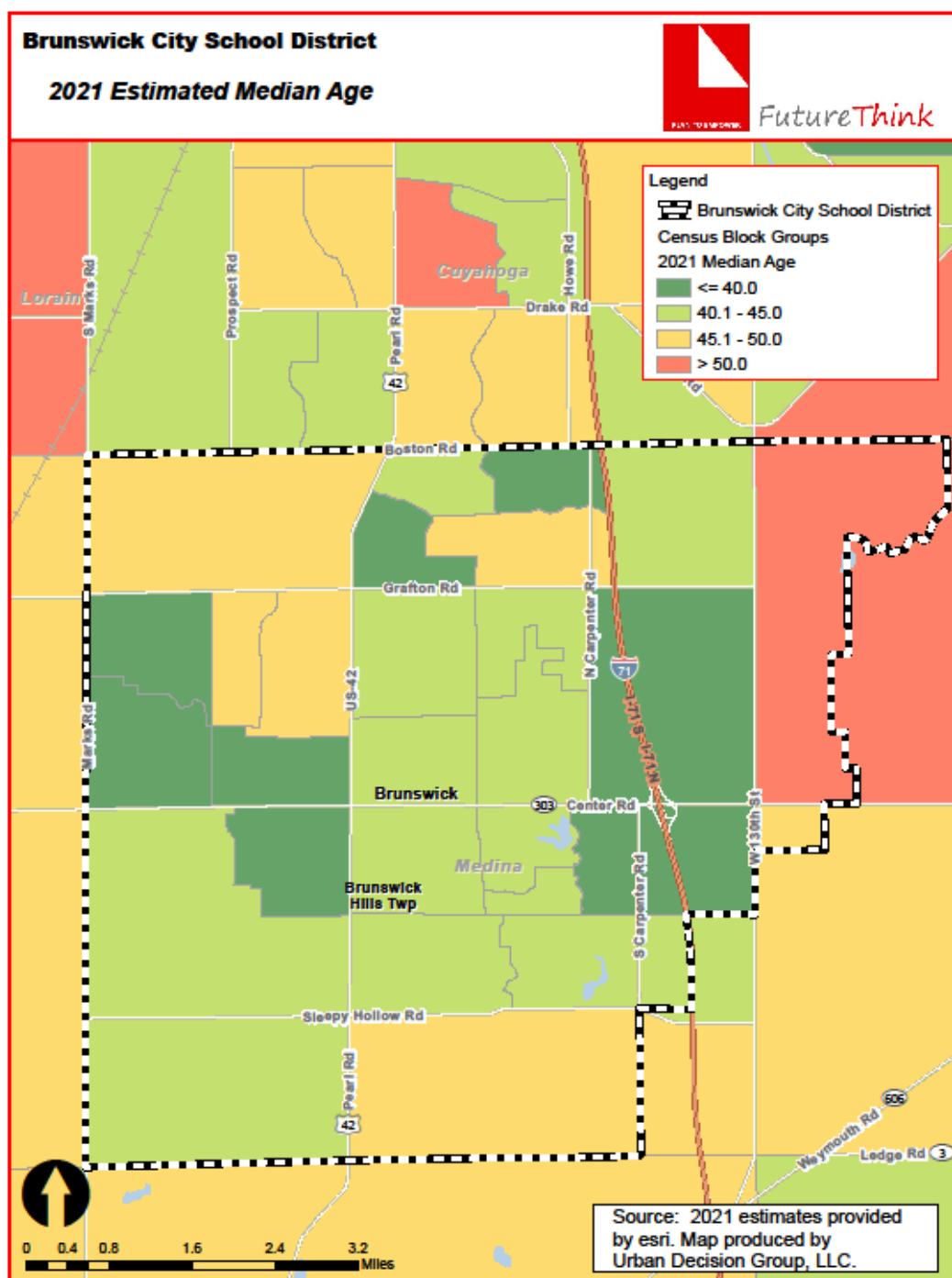
Brunswick City School District



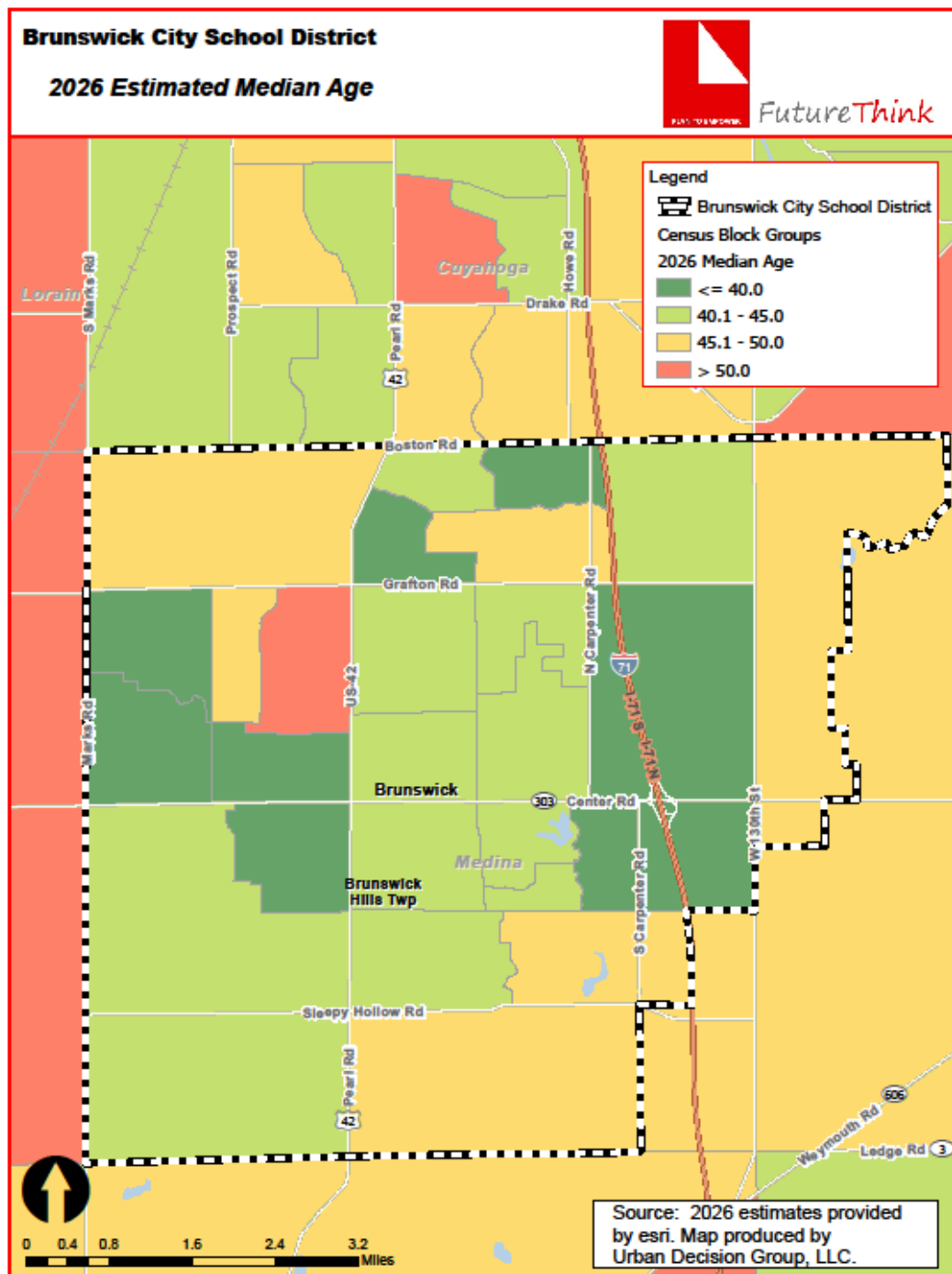
Brunswick City School District



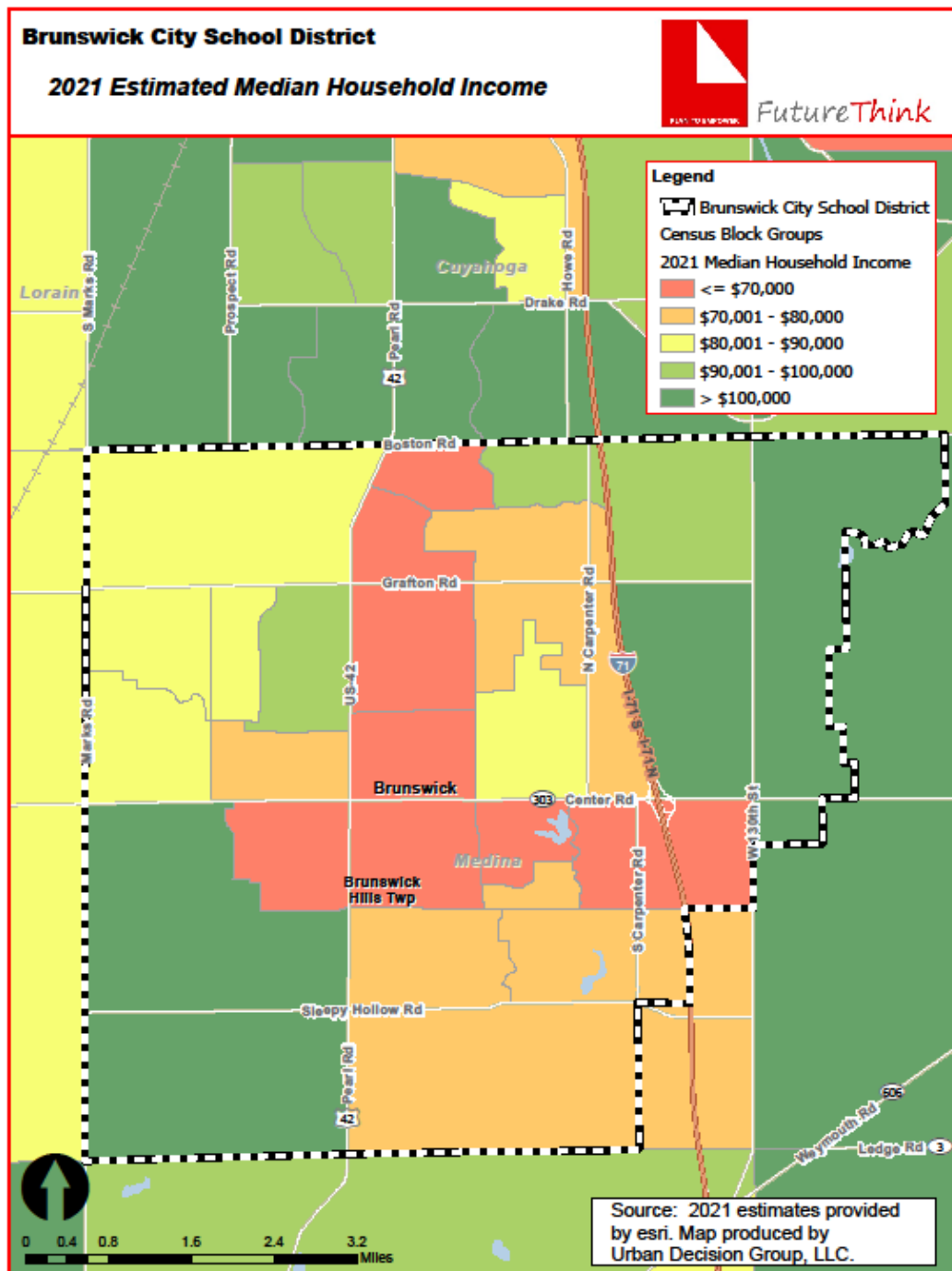
Brunswick City School District



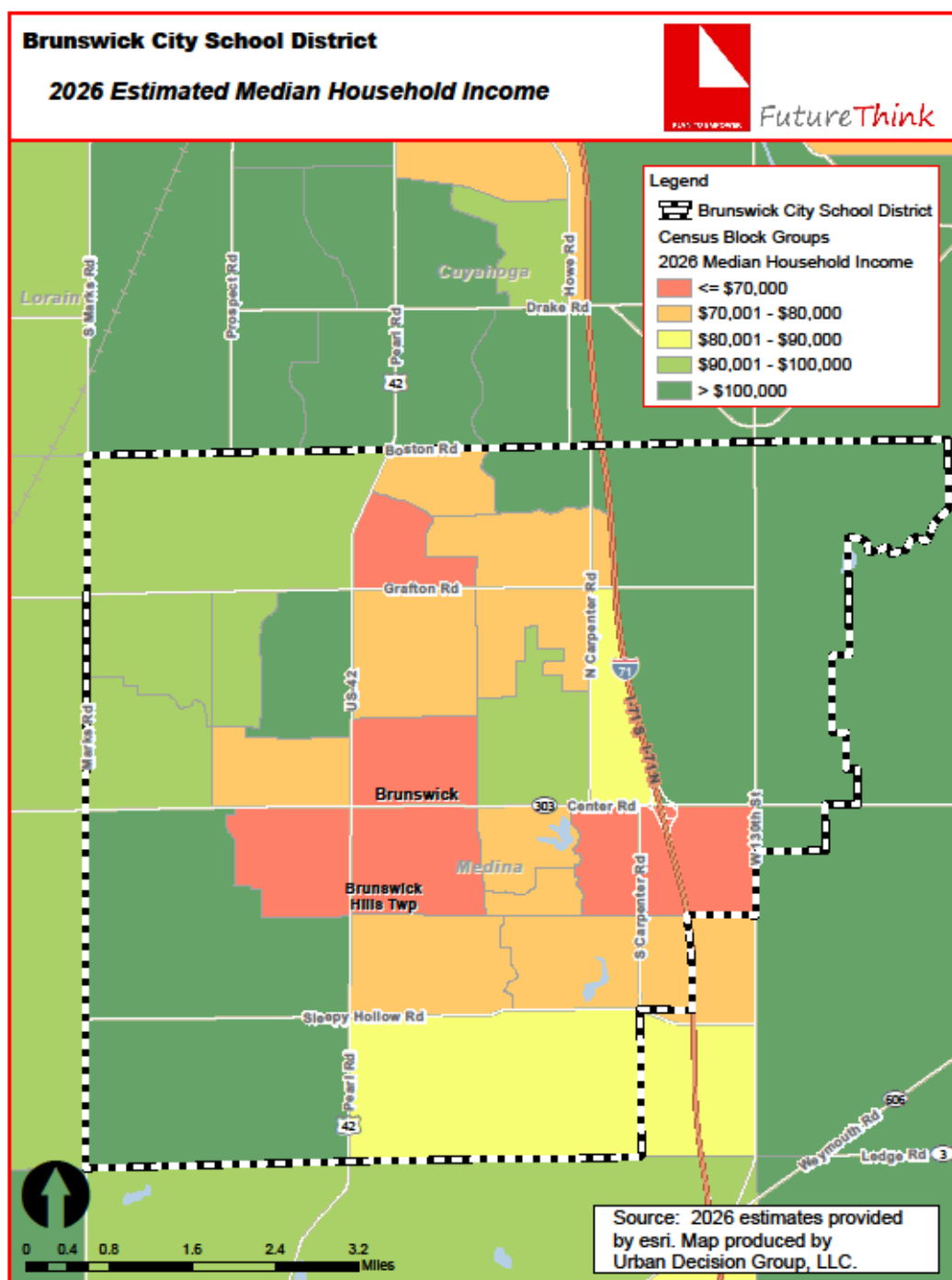
Brunswick City School District



Brunswick City School District



Brunswick City School District



Brunswick City School District

HOUSING INFORMATION

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

of Building Permits Issued for Single Family Dwellings

Year	Brunswick City	Medina County
2011	33	373
2012	46	402
2013	39	504
2014	50	552
2015	75	674
2016	111	694
2017	84	680
2018	61	587
2019	38	464
2020	8	455
2021*	6	399

Source: SOCDS Building Permits Database

*preliminary through October 2021

There are several housing developments currently underway in the District, including:

- Overlook Point – 15 single family homes – all sold
- Ridgeline Chase – 77 single family homes – all lots available
- Meadow View Special Planning District No. 6 – 46 single family homes – all lots available
- Oak Ridge Preserve Special Planning District No. 7 – 34 single family homes – all lots available



Brunswick City 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.
- Grades 8-9: The higher than usual percentage often is a result of school district promotion policies. Often in school districts, students are promoted from 8th to 9th grade and after one year in 9th grade do not have sufficient credits to be classified as 10th graders and are counted again as 9th graders the following year. There may also be students who attended private or charter schools or are home schooled through grade 8 and then attend public schools for high school education.

The following table illustrates the survival ratios for the Brunswick City 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
2012	2013	97.7%	99.4%	100.4%	102.8%	100.7%	101.3%	97.6%	99.2%	102.6%	110.5%	90.8%	69.1%	103.7%
2013	2014	107.0%	101.2%	100.6%	98.7%	101.6%	99.5%	101.4%	100.6%	99.0%	108.2%	92.8%	93.5%	137.4%
2014	2015	96.0%	104.3%	100.0%	103.0%	102.9%	102.5%	102.7%	101.2%	102.1%	108.3%	98.7%	91.0%	102.8%
2015	2016	103.4%	101.8%	102.5%	103.0%	102.9%	103.2%	98.9%	101.8%	102.8%	108.6%	99.1%	88.5%	105.9%
2016	2017	86.3%	100.9%	97.2%	100.8%	97.5%	99.3%	99.8%	100.4%	99.7%	106.2%	97.4%	76.3%	80.9%
2017	2018	104.6%	104.5%	103.7%	104.7%	100.2%	100.6%	102.5%	100.2%	100.4%	103.8%	97.9%	73.3%	108.1%
2018	2019	92.3%	107.5%	100.9%	97.9%	101.1%	100.2%	101.6%	101.7%	100.0%	104.1%	99.8%	73.4%	102.2%
2019	2020	86.0%	98.4%	97.1%	94.8%	97.0%	98.7%	97.0%	97.5%	93.3%	99.5%	94.2%	70.1%	99.1%
2020	2021	87.1%	109.4%	100.0%	102.7%	104.0%	99.3%	101.9%	100.4%	103.4%	107.0%	99.7%	78.2%	105.7%
	average	95.60%	103.033%	100.27%	100.9%	100.86%	100.5%	100.4%	100.3%	100.3%	106.251%	96.718%	79.265%	105.069%
	standard deviation	7.725%	3.461%	2.032%	2.987%	2.254%	1.449%	2.018%	1.262%	2.886%	3.136%	3.099%	8.763%	13.691%



Brunswick City School District

ENROLLMENT PROJECTION

Enrollment projections were developed after analyzing the data collected in this report. The projections indicate a decrease of 460 students in grades Pre-K through 12, not including full-time JVS students, from the 2021-22 to the 2031-32 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2031-32 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 Brunswick City School District funds preschool through the following sources:

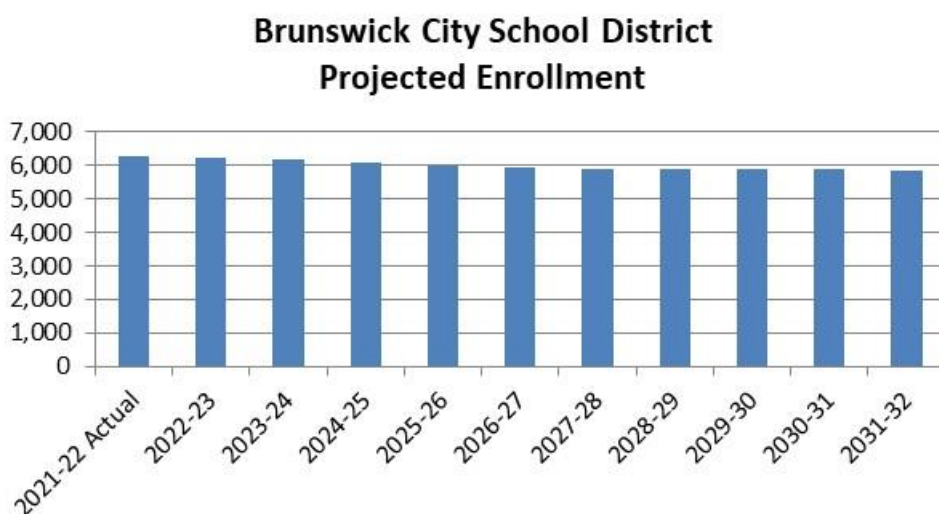
- General fund
- Tuition

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 11th and 12th grade enrollments and projected separately.



Brunswick City School District

Brunswick City School District
Projected Enrollment

Grade	2021-22 Actual	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Pre-K (special needs)	78	86	83	82	75	81	81	81	81	81	81
K	420	437	425	416	384	413	413	413	413	413	413
1	442	439	456	443	434	400	431	431	431	431	431
2	437	446	442	460	447	438	403	434	434	434	434
3	489	445	454	450	468	455	446	411	442	442	442
4	440	497	452	461	457	475	462	452	417	449	449
5	444	441	497	452	461	457	475	462	453	417	449
6	478	452	448	505	460	469	465	483	469	460	424
7	518	480	453	449	507	461	470	466	485	471	461
8	523	523	484	457	453	512	466	474	471	489	475
9	551	558	558	516	488	483	545	496	506	502	521
10	580	540	546	546	505	477	473	534	486	495	491
11	408	437	406	411	411	381	359	356	402	366	373
12	466	416	446	414	419	419	388	366	363	410	373
Pre-K - 12 Total	6,274	6,197	6,150	6,062	5,969	5,921	5,877	5,859	5,853	5,860	5,817
Career Tech Off-Site	26	26	26	25	26	25	23	22	24	24	23
Grand Total	6,300	6,223	6,176	6,087	5,995	5,946	5,900	5,881	5,877	5,884	5,840

Source: FutureThink

Brunswick City School District
Projected Enrollment by Grade Group

Grade	2021-22 Actual	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Pre-K (special needs) - 5	2,750	2,791	2,809	2,764	2,726	2,719	2,711	2,684	2,671	2,667	2,699
6 - 8	1,519	1,455	1,385	1,411	1,420	1,442	1,401	1,423	1,425	1,420	1,360
9 - 12	2,005	1,951	1,956	1,887	1,823	1,760	1,765	1,752	1,757	1,773	1,758
Pre-K - 12 Total	6,274	6,197	6,150	6,062	5,969	5,921	5,877	5,859	5,853	5,860	5,817
Career Tech Off-Site	26	26	26	25	26	25	23	22	24	24	23
Grand Total	6,300	6,223	6,176	6,087	5,995	5,946	5,900	5,881	5,877	5,884	5,840

Source: FutureThink

Brunswick City 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 Brunswick City School District.



Brunswick City School District

APPENDIX

The following documents are included in the appendix:

- District Acceptance
- District Questionnaire

The June 2016 Enrollment Projection Report is available upon request.



Tracy Healy <thealy@futurethinkinc.com>

Brunswick CSD (Medina) REVISED DRAFT Enrollment Projection Report

Jason Niedermeyer <jniedermeyer@bcsoh.org>

Tue, Feb 22, 2022 at 8:11 AM

To: Tracy Healy <thealy@futurethinkinc.com>

Cc: "Drerup, Melanie" <Melanie.Drerup@ofcc.ohio.gov>, "Parker, Janice" <Janice.Parker@ofcc.ohio.gov>, Joseph.Macneil@ofcc.ohio.gov, "Prenosil, Bill" <bill.prenosil@ofcc.ohio.gov>, Valerie.Montoya@ofcc.ohio.gov, Chris.Bruner@ofcc.ohio.gov, Barbara.Mattei-Smith@ofcc.ohio.gov, Mark Pepera <mpepera@bcsoh.org>, Salvatore Grida <sgrida@bcsoh.org>

Hi Tracy-

Please allow this email to serve as acceptance of the attached enrollment projection report. Let me know if you have any questions.

Thanks,
Jason

[Quoted text hidden]

--

Jason A. Niedermeyer
Superintendent
Brunswick City School District



This e-mail, including attachments, is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2515 and may contain confidential information that might include personally identifiable student information. Such information is intended for the designated recipient(s) only. If you are not the intended recipient(s), you are hereby notified that any disclosure, copying, printing, distribution, or the taking of any action in reliance on the contents of the information contained herein is strictly prohibited. If you have received this email in error, please notify the sender, via return e-mail, then immediately and permanently delete the original. This email and any response to it may be archived for later retrieval and may constitute a public record and therefore may be made available upon request in accordance with Ohio Public Records law (ORC 149.43). Thank you.

District Questionnaire for Brunswick City of Medina County (43661) [Thealy]

District Questionnaire has been submitted for review

Enrollment Report For Brunswick City of Medina County (43661)**Contact Information**

Superintendent Name: Jason Niedermeyer
 Superintendent Email: jniedermeyer@bcsoh.org
 Superintendent Phone: (330) 273-0201
 Contact Name (if different from Superintendent): Peggy Wolfe
 Contact Title: EMIS Coordinator
 Contact Email: pwolfe@bcsoh.org
 Contact Phone: (330) 273-0480

K12 Enrollment

Grade	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	Enrolled 2021– 2022
K	504	500	492	454	450	423	456	444	404	420
1	556	501	506	513	462	454	442	490	437	442
2	499	558	504	506	526	449	471	446	476	437
3	581	513	551	519	521	530	470	461	423	489
4	555	585	521	567	534	508	531	475	447	440
5	537	562	582	534	585	530	511	532	469	444
6	601	524	570	598	528	584	543	519	516	478
7	627	596	527	577	609	530	585	552	506	518
8	618	643	590	538	593	607	532	585	515	523
9	640	683	696	639	584	630	630	554	582	551
10	635	581	634	687	633	569	617	629	522	580
11	566	619	564	595	631	497	427	466	448	422
12	619	561	621	577	623	514	539	440	464	478
Ungraded	16	18	10	8	12	0	0	0	0	0
Total	7554	7444	7368	7312	7291	6825	6754	6593	6209	6222

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 Tuition

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	2012– 2013	2013– 2014	2014– 2015	2015– 2016	2016– 2017	2017– 2018	2018– 2019	2019– 2020	2020– 2021	2021– 2022
Pre-K with disabilities	79	76	84	108	94	84	78	84	85	78

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)?
yes

Please provide enrollment data:

Grade	2012– 2013	2013– 2014	2014– 2015	2015– 2016	2016– 2017	2017– 2018	2018– 2019	2019– 2020	2020– 2021	2021– 2022
Pre-K Other (not disabled, not enrolled in ECE, or Federal Head Start)	36	36	36	44	58	78	87	82	1	56

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 22 to 1
- 4–5 23 to 1
- 6–8 20 to 1
- 9–12 23 to 1

Grade Configurations

PK through 5
6 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 the current school year enrollment for students with disabilities by ODE program code and grade configuration.

Code	PK-5	6-8	9-12
IE13	250	128	90
IE14	16	12	22
IE15	56	22	37
Total	322	162	149

*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 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	Enrolled 2021– 2022
PreK	0	0	0	0	0	0	0	0	0	0
K	6	6	3	3	5	10	5	4	9	8
1	5	10	2	4	5	5	5	5	7	6
2	3	4	3	2	4	4	3	4	9	5
3	7	3	5	3	2	4	4	3	13	3
4	4	7	2	6	4	7	5	4	10	8
5	3	5	6	0	4	4	10	3	3	9
6	4	4	2	6	2	4	8	8	10	5
7	9	7	6	7	3	5	3	14	11	8
8	12	10	9	8	10	8	8	6	15	14
9	17	21	17	9	10	11	5	14	9	12
10	20	23	23	15	10	13	11	12	17	12
11	14	17	38	37	18	15	12	10	16	19
12	17	19	17	28	29	23	7	17	12	22
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	121	136	133	128	106	113	86	104	141	131

Open Enrollment (In)

Grade	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	Enrolled 2021– 2022
Prek	0	2	2	2	2	4	3	4	0	1
K	5	5	5	3	4	0	0	4	2	1
1	1	4	6	4	3	5	0	0	4	2

2	0	2	4	3	4	2	4	0	0	3
3	0	1	4	3	4	3	3	4	0	0
4	1	0	2	2	3	4	4	2	4	0
5	0	1	1	1	2	3	3	5	2	4
6	0	0	2	1	1	2	1	4	5	2
7	0	0	0	1	1	1	2	2	4	4
8	0	0	2	0	1	1	1	2	3	4
9	1	6	2	6	2	3	1	1	2	3
10	3	1	8	3	3	1	0	1	2	1
11	3	6	6	11	7	5	1	3	0	2
12	5	1	0	0	14	8	5	5	5	2
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	19	29	44	40	51	42	28	37	33	29

Open Enrollment (Out)

Grade	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	Enrolled 2021– 2022
Prek	0	0	0	0	1	1	0	1	0	2
K	1	5	3	0	3	2	3	2	6	6
1	2	0	3	3	1	5	2	4	8	4
2	0	1	0	3	3	3	1	2	4	8
3	2	1	2	2	4	2	1	3	1	6
4	1	2	1	3	3	3	2	1	5	1
5	0	0	0	2	4	6	3	1	3	4
6	1	0	0	3	3	4	5	4	1	0
7	2	2	0	1	3	3	4	8	5	0
8	1	2	3	0	3	4	5	2	9	4
9	0	1	7	2	1	5	5	8	3	6
10	1	0	3	9	5	3	8	5	11	1
11	1	1	3	4	10	8	7	10	5	9
12	3	2	2	3	5	11	9	8	6	4
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	15	17	27	35	49	60	55	59	67	55

JVS Enrollment

Does your District belong to a JVSD? yes

Please select the JVSD your District belongs to: Medina County Joint Vocational School District

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

Grade	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	Enrolled 2021– 2022
Full Time 11	145	158	142	145	152	111	129	124	149	115
Full Time 12	153	125	147	131	126	137	98	121	104	142
Total	298	283	289	276	278	248	227	245	253	257

Grade	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	Enrolled 2021– 2022
Half Time 11	12	22	21	18	23	14	10	13	7	14
Half Time 12	19	12	18	19	12	22	17	14	15	12
Total	31	34	39	37	35	36	27	27	22	26

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.

Boundaries

Please list municipalities, townships, and any additional counties within the boundaries of your school district: Brunswick
Brunswick Hills Hinckley (Small Portion)

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]

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.