



FutureThink

Formerly DeJONG-HEALY

DRAFT REPORT



School Facilities
Commission

Cleveland Metropolitan School District

Cuyahoga County

Enrollment Projections

January 14, 2014

Cleveland Metropolitan School District

INTRODUCTION

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

This report contains ten-year enrollment projections for the Cleveland Metropolitan School District. Enrollment projections were developed by analyzing the following data:

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

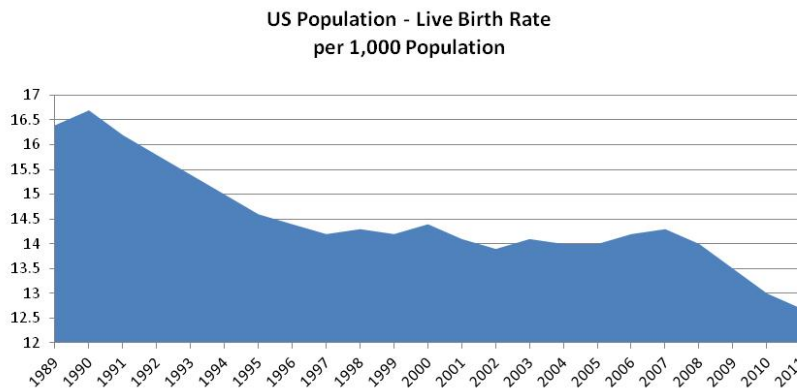
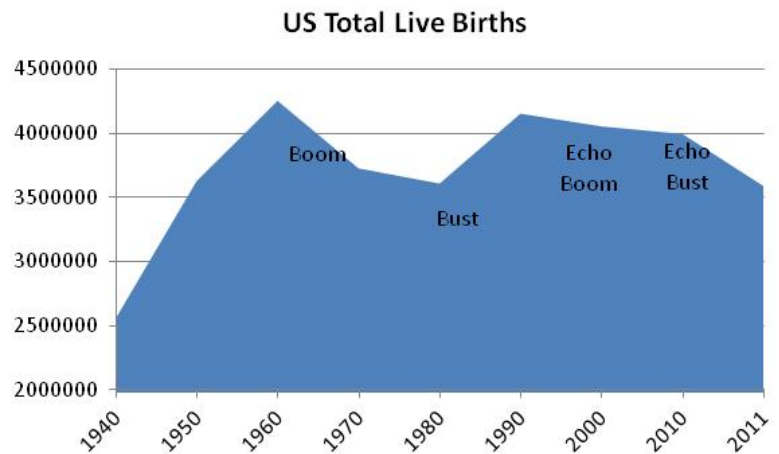
The projections presented in this report are meant to serve as a planning tool for the future, and, with the historical data and anticipated growth, represent the most likely direction of the District.

Cleveland Metropolitan School District

ENROLLMENT PROJECTION METHODOLOGIES

Introduction

Tracing the landscape of the country's public school enrollment back over the past fifty years reveals demographic, economic, and social changes. The United States as a whole continues to undergo major shifts in public student enrollment, due in large part to past events including the baby boom, the availability and use of birth control, and the development of suburbs. The baby boom of the late 1940s and 50s was followed by the baby bust of the 1960s and 70s. This gave rise to the echo baby boom of the 1980s, producing children who primarily graduated in the late 90s through 2007.



Nationwide, districts continue to experience the effects of the echo baby bust of the 1990s. From the 1950s to the 1970s, a dramatic downsizing of the family unit occurred. A direct result was the declining school enrollment of the 1970s and 1980s. As of the 2010 Census, the size of a family was at an all-time low of 3.14 persons. The live birth rate increased for the first time in several years in 1998 and increased again in 2000. However, the birth rate resumed a descending pattern in 2001 and reached an all-time low of 12.7 in 2011.

first time in several years in 1998 and increased again in 2000. However, the birth rate resumed a descending pattern in 2001 and reached an all-time low of 12.7 in 2011.

Cleveland Metropolitan School District

When projecting future enrollments, it will be vital to track the number of live births, 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.

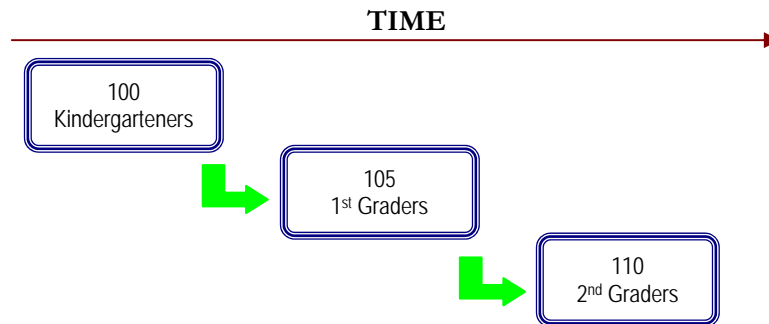
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population?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

Cleveland Metropolitan 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.

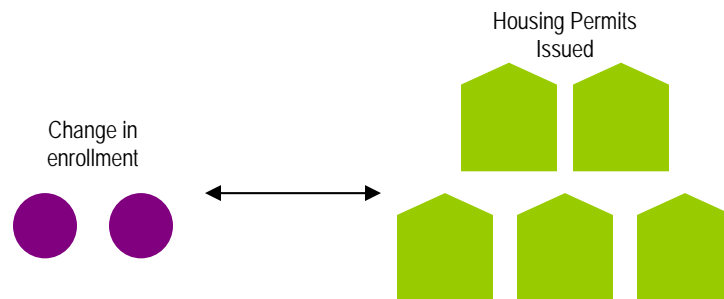
This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, live birth counts are used to develop a survival ratio. Babies born five years previous to the kindergarten class are compared in number,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

Cleveland Metropolitan 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.



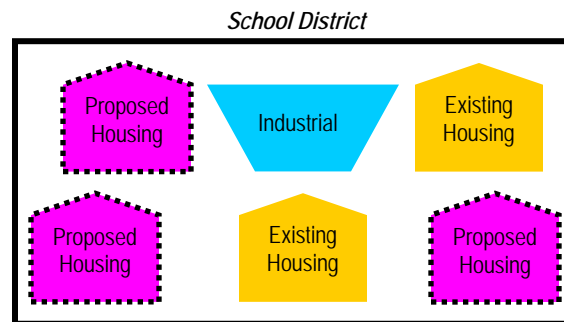
Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

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.

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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 Cleveland Metropolitan School District.

Cleveland Metropolitan School District

HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Cleveland Metropolitan School District has decreased by 26,046 students in grades Pre-K – 12, including ungraded and career technical students. Total enrollment for the 2013-14 school year is 38,885 students.

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

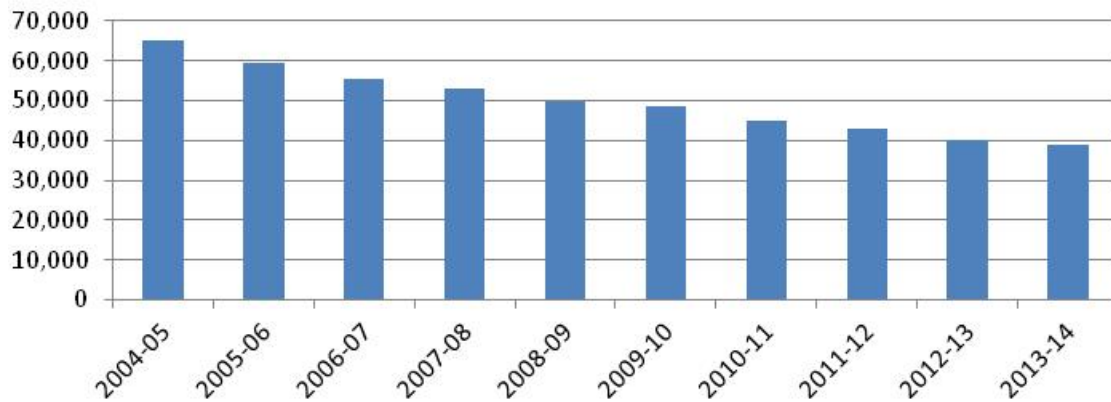
- K-8 – 11%
- 9-12 – 17%

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

- K-8 – 6%
- 9-12 – 8%

The following graph illustrates the District’s Pre-K – 12 enrollment history from 2004-05 through 2013-14.

**Cleveland Metropolitan School District
Historical Enrollment**



Cleveland Metropolitan School District

The following tables illustrate the District's enrollment history from 2004-05 through 2013-14.

**Cleveland Metropolitan School District
Historical Enrollment**

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Pre-K	646	868	872	1,306	1,324	1,606	1,697	1,493	1,397	1,290
K	4,753	4,397	3,781	3,617	3,641	3,620	3,552	3,378	3,100	3,184
1	5,089	4,435	4,233	3,871	3,650	3,655	3,282	3,353	3,110	3,054
2	4,857	4,474	4,027	3,866	3,626	3,485	3,386	2,941	2,938	2,861
3	4,782	4,262	4,025	3,769	3,609	3,481	3,151	3,180	2,711	2,758
4	4,949	4,282	3,989	3,809	3,575	3,497	3,263	2,958	2,961	2,536
5	5,248	4,465	3,917	3,814	3,623	3,475	3,277	3,074	2,733	2,770
6	5,688	4,828	4,169	3,776	3,592	3,444	3,224	3,091	2,809	2,585
7	5,599	5,305	4,674	4,108	3,630	3,546	3,283	3,071	2,932	2,708
8	5,355	4,991	4,828	4,330	3,798	3,534	3,238	3,136	2,912	2,848
9	6,488	6,109	6,296	5,970	5,313	4,771	4,258	4,012	3,863	4,020
10	4,879	4,467	4,308	4,450	4,398	4,145	3,601	3,494	3,340	3,191
11	3,371	3,406	3,274	3,126	3,175	3,116	2,915	2,786	2,663	2,662
12	3,124	3,107	3,192	3,142	2,996	3,002	2,820	2,583	2,330	2,418
Pre-K - 12 Total	64,828	59,396	55,585	52,954	49,950	48,377	44,947	42,550	39,799	38,885
Ungraded	103	169	4	0	0	34	113	35	32	0
Career Tech Comprehensive - Low Bay*	0	0	0	0	0	0	0	192	226	
Career Tech Comprehensive - High Bay*	0	0	0	0	0	0	0	116	103	
Grand Total	64,931	59,565	55,589	52,954	49,950	48,411	45,060	42,893	40,160	38,885

Source: Ohio Department of Education, EMIS; Cleveland Metropolitan School District

**Cleveland Metropolitan School District
Historical Enrollment by Grade Group**

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Pre-K - 8	46,966	42,307	38,515	36,266	34,068	33,343	31,353	29,675	27,603	26,594
9 - 12	17,862	17,089	17,070	16,688	15,882	15,034	13,594	12,875	12,196	12,291
Pre-K - 12 Total	64,828	59,396	55,585	52,954	49,950	48,377	44,947	42,550	39,799	38,885
Ungraded	103	169	4	0	0	34	113	35	32	0
Special Education	0	0	0	0	0	0	0	0	0	0
Career Tech Comprehensive - Low Bay*	0	0	0	0	0	0	0	192	226	
Career Tech Comprehensive - High Bay*	0	0	0	0	0	0	0	116	103	
Grand Total	64,931	59,565	55,589	52,954	49,950	48,411	45,060	42,893	40,160	38,885

Source: Ohio Department of Education, EMIS; Cleveland Metropolitan School District

*Data not available for 2013-14

Cleveland Metropolitan School District

COMMUNITY SCHOOL ENROLLMENT

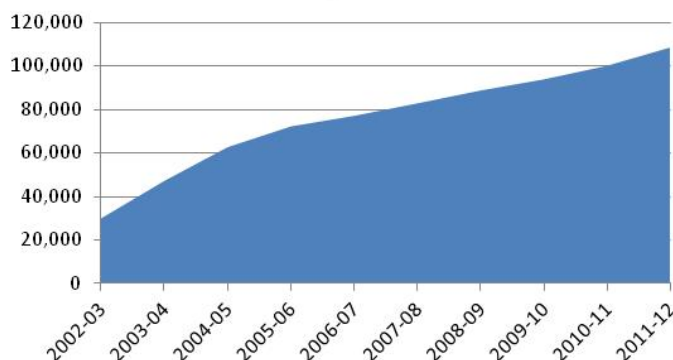
In Ohio, community school enrollment has increased dramatically over the last decade. From 2002-23 to 2011-12, enrollment has increased by over 260% from 29,939 students in 136 community schools to 108,239 students in 355 community schools.

**Ohio
Community School Enrollment**

Grade	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Grand Total	29,939	47,101	62,561	72,064	76,932	82,643	88,536	93,623	99,878	108,239

Source: Ohio Department of Education

Ohio Community School Enrollment

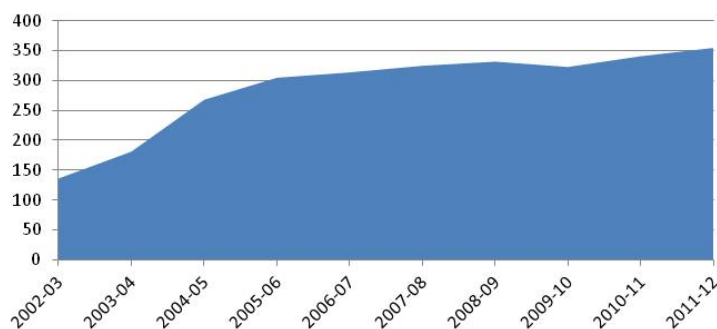


**Ohio
Number of Community Schools**

Grade	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Grand Total	136	181	268	305	314	325	332	323	341	355

Source: Ohio Department of Education

Number of Community Schools in Ohio



Cleveland Metropolitan School District

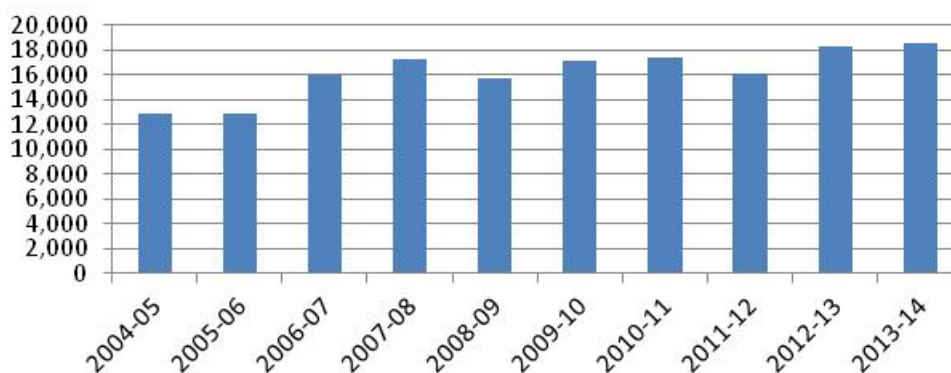
Since 2004-05, the number of Cleveland Metropolitan School District students attending community schools has increased from 12,873 to 18,575 students. Enrollment of Cleveland Metropolitan School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

**Cleveland Metropolitan School District
Community School Enrollment**

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Pre-K	0	0	0	0	0	0	0	0	0	0
K	958	958	1,457	1,502	1,450	1,456	1,471	1,811	2,104	2,065
1	1,007	1,007	1,419	1,489	1,456	1,426	1,558	1,539	1,899	2,030
2	916	916	1,234	1,400	1,413	1,403	1,389	1,572	1,684	1,833
3	825	825	1,258	1,237	1,334	1,355	1,375	1,353	1,615	1,634
4	767	767	1,145	1,242	1,219	1,309	1,357	1,386	1,413	1,535
5	771	771	1,093	1,127	1,150	1,166	1,322	1,289	1,435	1,466
6	920	920	1,093	1,134	1,180	1,267	1,323	1,338	1,414	1,488
7	820	820	1,034	1,097	1,084	1,046	1,197	1,205	1,427	1,397
8	698	698	1,020	978	1,000	928	1,055	1,080	1,216	1,358
9	2,682	2,682	2,435	2,749	1,666	2,427	1,972	1,302	1,472	1,348
10	1,053	1,053	1,476	1,408	1,299	1,513	1,441	829	985	998
11	828	828	629	1,009	763	1,011	1,034	799	868	908
12	583	583	573	727	550	734	835	638	748	388
Ungraded	45	45	102	155	126	118	123	5	7	127
Grand Total	12,873	12,873	15,968	17,254	15,690	17,159	17,452	16,146	18,287	18,575

Source: Ohio Department of Education, EMIS; Cleveland Metropolitan School District

Cleveland Metropolitan School District Students Attending Community Schools



Cleveland Metropolitan School District

OPEN ENROLLMENT

Since 2004-05, the number of Cleveland Metropolitan School District students “open enrolling” into the District has increased from 0 to 552 students in the 2012-13 school year. Open enrollment data for 2013-14 is not yet available. The number of students “open enrolling” out of the District has increased from 201 to 502 students. 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.

Cleveland Metropolitan School District Open Enrollment - IN

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Pre-K	0	0	0	1	0	1	2	0	0	
K	0	0	0	11	19	26	32	24	24	
1	0	0	0	1	8	17	26	36	28	
2	0	0	0	4	7	12	29	26	23	
3	0	0	0	1	10	14	11	27	22	
4	0	0	0	0	3	18	14	21	31	
5	0	0	0	3	2	3	18	32	24	
6	0	0	0	2	6	8	8	35	29	
7	0	0	0	2	10	14	10	28	29	
8	0	0	0	2	8	11	11	34	27	
9	0	0	0	3	43	40	31	80	68	
10	0	0	0	8	17	37	39	77	82	
11	0	0	0	2	13	15	35	98	73	
12	0	0	0	5	9	15	19	91	92	
Ungraded	0	0	0	0	0	0	0	0	0	
Grand Total	0	0	0	45	155	231	285	609	552	

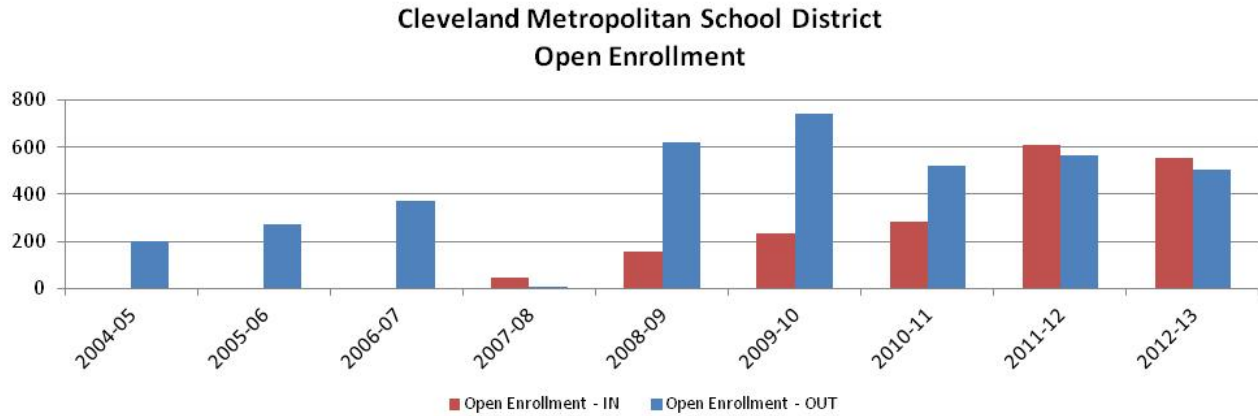
Source: Ohio Department of Education, EMIS; Cleveland Metropolitan School District

Cleveland Metropolitan School District Open Enrollment - OUT

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Pre-K	0	0	0	0	0	0	2	0	0	
K	0	25	18	0	32	46	3	12	15	
1	13	11	21	0	29	27	5	31	24	
2	15	13	26	0	25	29	41	23	24	
3	7	11	24	0	31	31	18	25	21	
4	14	11	14	0	33	31	26	21	27	
5	7	15	17	2	34	31	28	29	26	
6	12	11	8	0	26	30	31	32	27	
7	17	15	19	0	26	27	28	27	26	
8	23	21	31	1	42	50	35	34	30	
9	27	28	36	1	125	177	71	77	58	
10	19	46	19	2	86	124	102	74	76	
11	17	32	53	0	83	104	85	90	64	
12	30	34	85	1	46	33	48	90	84	
Ungraded	0	0	0	0	0	0	0	0	0	
Grand Total	201	273	371	7	618	740	523	565	502	

Source: Ohio Department of Education, EMIS; Cleveland Metropolitan School District

Cleveland Metropolitan School District



Cleveland Metropolitan 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] data 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.

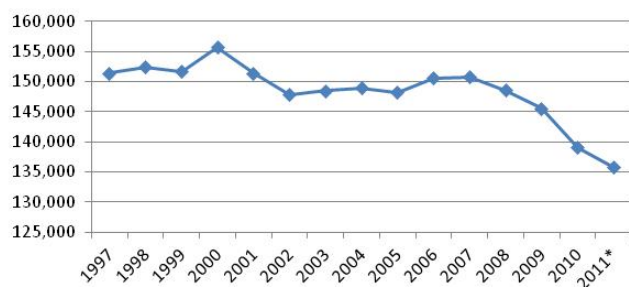
Data is arranged by the residence of the mother. For example, if a mother lives in Powell, Delaware County but delivers her baby in Columbus, Franklin County, the birth is counted in Powell, Delaware County.

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 Live Birth Counts



Ohio has experienced the same trend in live births as seen around the country. Live birth counts increased for the first time in several years in 1998 and again in 2000. A descending pattern resumed in 2001 with a slight stabilization from 2002 to 2005. Births increased again in 2006 and 2007 but have since declined to an all-time low of 135,815 in 2011.

Cleveland Metropolitan School District

The following chart and graph include the live birth counts for the 40 zip codes located in the City of Cleveland. A map with the zip codes is on the following page.

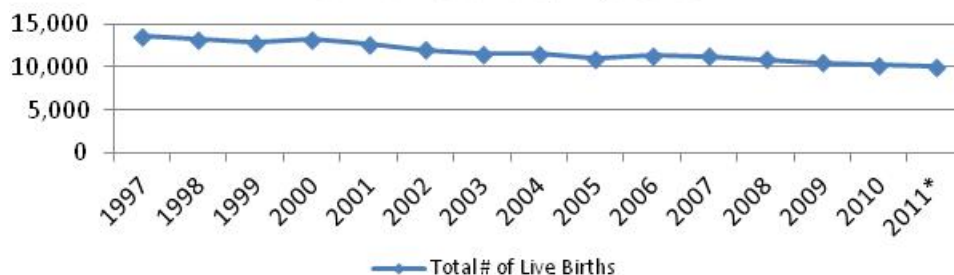
**Cleveland Metropolitan School District
Live Birth Count by Zip Code
1997-2011***

Year	Total # of Live Births
1997	13,690
1998	13,308
1999	12,802
2000	13,185
2001	12,637
2002	12,019
2003	11,581
2004	11,504
2005	10,953
2006	11,362
2007	11,285
2008	10,930
2009	10,514
2010	10,248
2011*	10,129

Source: Ohio Department of Health, Statistical Analysis Unit

* provisional

**Cleveland Metropolitan School District
Live Birth Count by Zip Code**



Cleveland Metropolitan School District



Cleveland Metropolitan School District

DEMOGRAPHICS

The Cleveland Metropolitan School District is comprised of Cleveland City in Cuyahoga County. General demographic data is included in the following tables for the areas located completely or partially in the District.

General Demographic Information

	Cuyahoga County	State of Ohio
Per Capita Income	\$26,810	\$25,618
Median Household Income	\$44,088	\$48,071
Persons Below Poverty	17.1%	14.8%

Source: US Census, American Community Survey, 2011 5-Year Estimates

Total Population

	2000 Census	2010 Census
Cuyahoga County	1,393,978	1,280,122
Cleveland City	478,403	396,815

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

Also included are block group estimates and projections provided by ESRI Business Information Solutions (ESRI BIS). ESRI BIS uses a time series of estimates from the U.S. Census Bureau that includes the latest estimates and intercensal 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 BIS 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

Cleveland Metropolitan 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.

Cleveland Metropolitan 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.

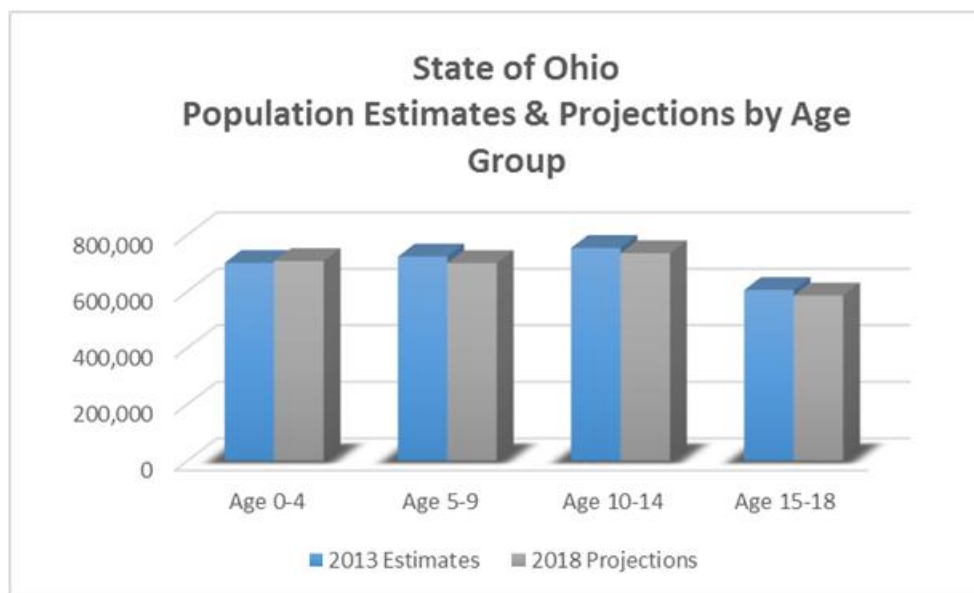
The total population in the State of Ohio is 11,568,779. This population is projected to increase by 77,084 people, or approximately 0.7% over a 5-year period.

The 0-18 year-old population in the State currently totals 2,782,573. This population is projected to decrease by 55,490 children, or approximately 2 percent.

The median age is projected to increase by 1.3% from 39.3 to 39.8 years of age.

State of Ohio	2013 Estimates	2018 Projections	Change 2013-18	Change 2013-18 (%)
Total Population	11,569,779	11,646,863	77,084	0.7%
Age 0-4	700,700	706,986	6,286	0.9%
Age 5-9	723,214	700,267	-22,947	-3.2%
Age 10-14	753,762	734,671	-19,091	-2.5%
Age 15-18	604,897	585,159	-19,738	-3.3%
Total Age 0-18	2,782,573	2,727,083	-55,490	-2.0%
Median Age	39.3	39.8	0.5	1.3%

Source: ESRI BIS

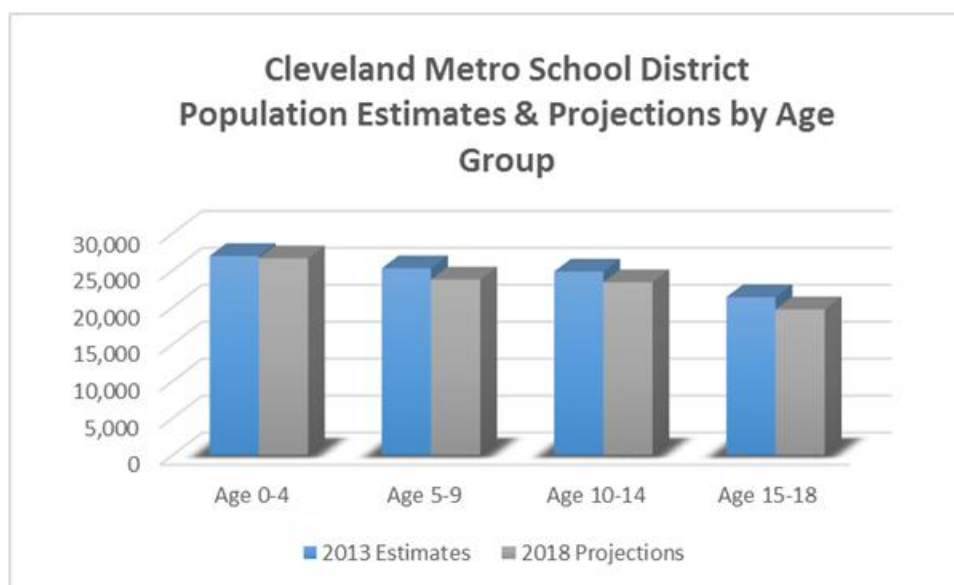


Cleveland Metropolitan School District

The total population in the District is 390,288. This population is projected to decrease by 8,571 people, or approximately 2% over a 5-year period. The 0-18 year-old population in the District currently totals 98,419. This population is projected to decrease by 4,958 people, or approximately 5 percent. The median age is projected to increase by approximately 2%, from 36 to 36.6 years of age.

Cleveland Municipal School District	2013 Estimates	2018 Projections	Change 2013-18	Change 2013-18 (%)
Total Population	390,288	381,717	-8,571	-2.2%
Age 0-4	26,947	26,621	-326	-1.2%
Age 5-9	25,276	23,750	-1,526	-6.0%
Age 10-14	24,830	23,384	-1,446	-5.8%
Age 15-18	21,366	19,706	-1,660	-7.8%
Total Age 0-18	98,419	93,461	-4,958	-5.0%
Median Age	36.0	36.6	0.6	1.7%

Source: ESRI BIS



Cleveland Metropolitan School District

Median and average household incomes in the State are projected to increase by 19.7% and 17%, respectively over a 5-year period. Average family size is projected to remain the same. The total number of family households is projected to increase by less than 1 percent.

State of Ohio	2013 Estimates	2018 Projections	Change 2013-18	Change 2013-18 (%)
Median Household Income	\$46,291	\$55,389	\$9,098	19.7%
Average Household Income	\$62,843	\$73,509	\$10,666	17.0%
Average Family Size	2.99	2.99	0.00	0.0%
Total Family Households	2,991,207	2,994,188	2,981	0.1%

Source: ESRI BIS

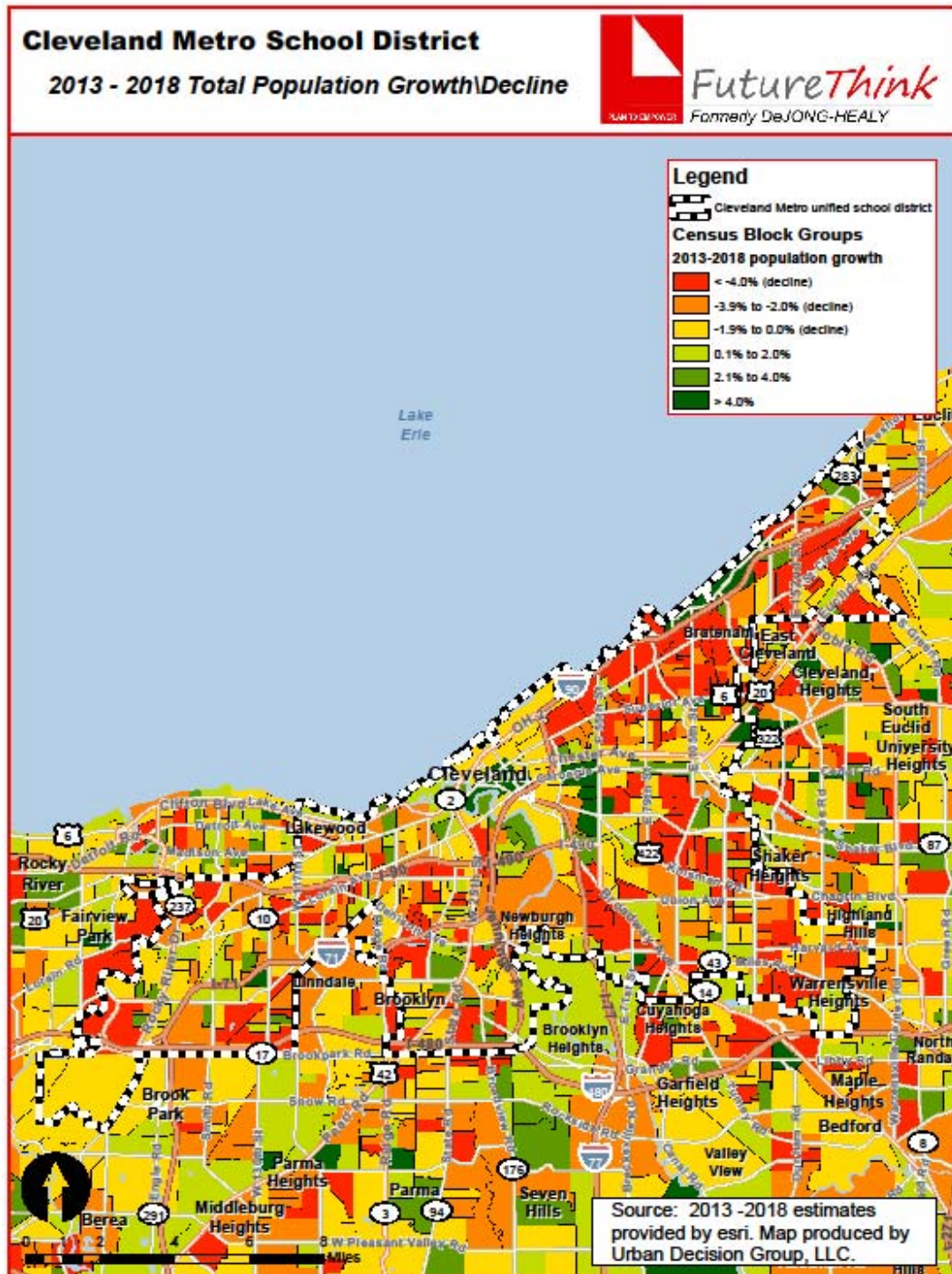
Median and average household incomes in the District are projected to increase by approximately 15% and 16%, respectively over a 5-year period. The average family size is projected to decline slightly, and the number of family households is projected to decline by approximately 3 percent.

Cleveland Municipal School District	2013 Estimates	2018 Projections	Change 2013-18	Change 2013-18 (%)
Median Household Income	\$25,808	\$29,676	\$3,868	15.0%
Average Household Income	\$37,115	\$42,901	\$5,786	15.6%
Average Family Size	3.09	3.07	-0.02	-0.6%
Total Family Households	87,849	85,277	-2,572	-2.9%

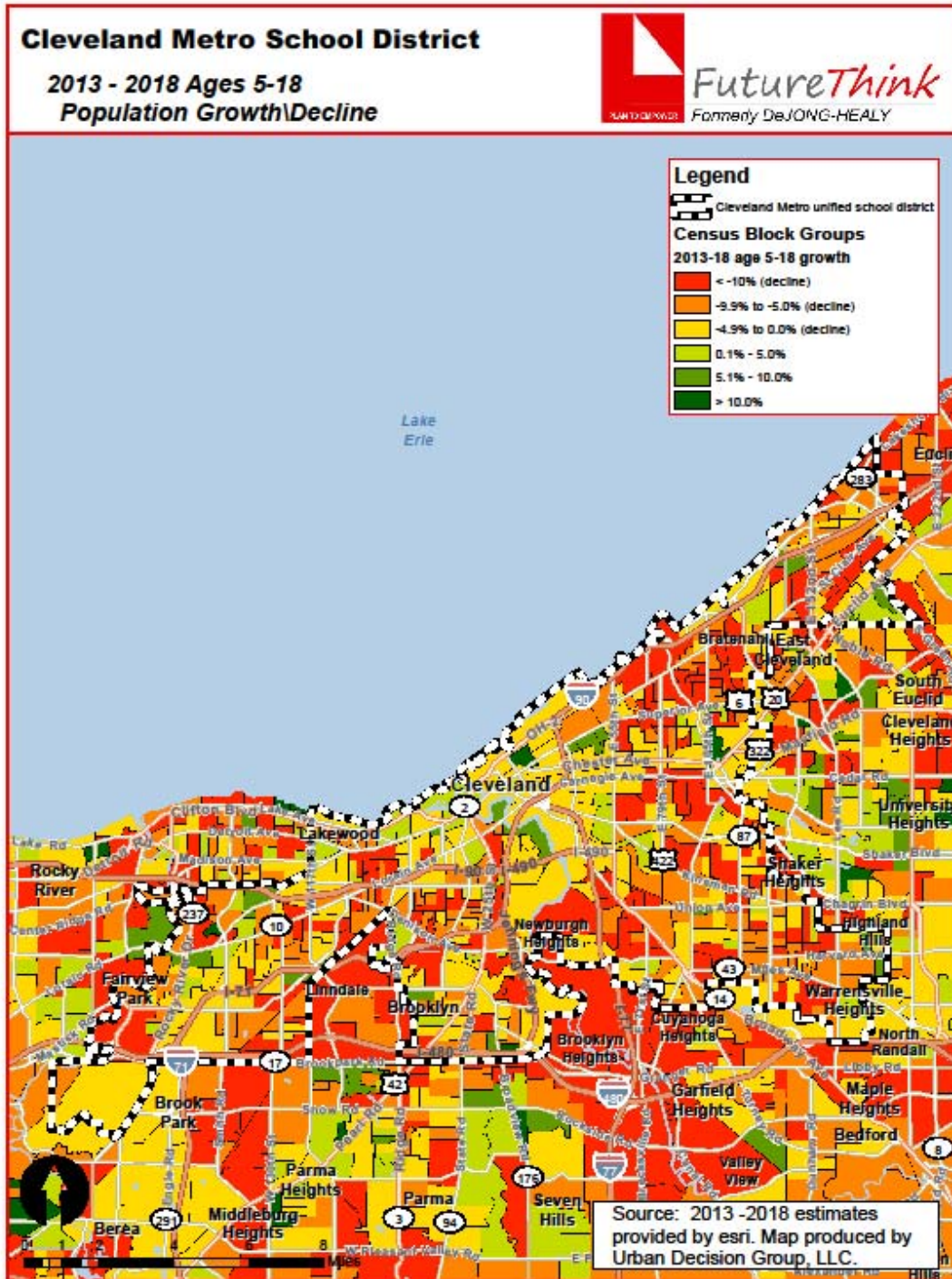
Source: ESRI BIS

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.

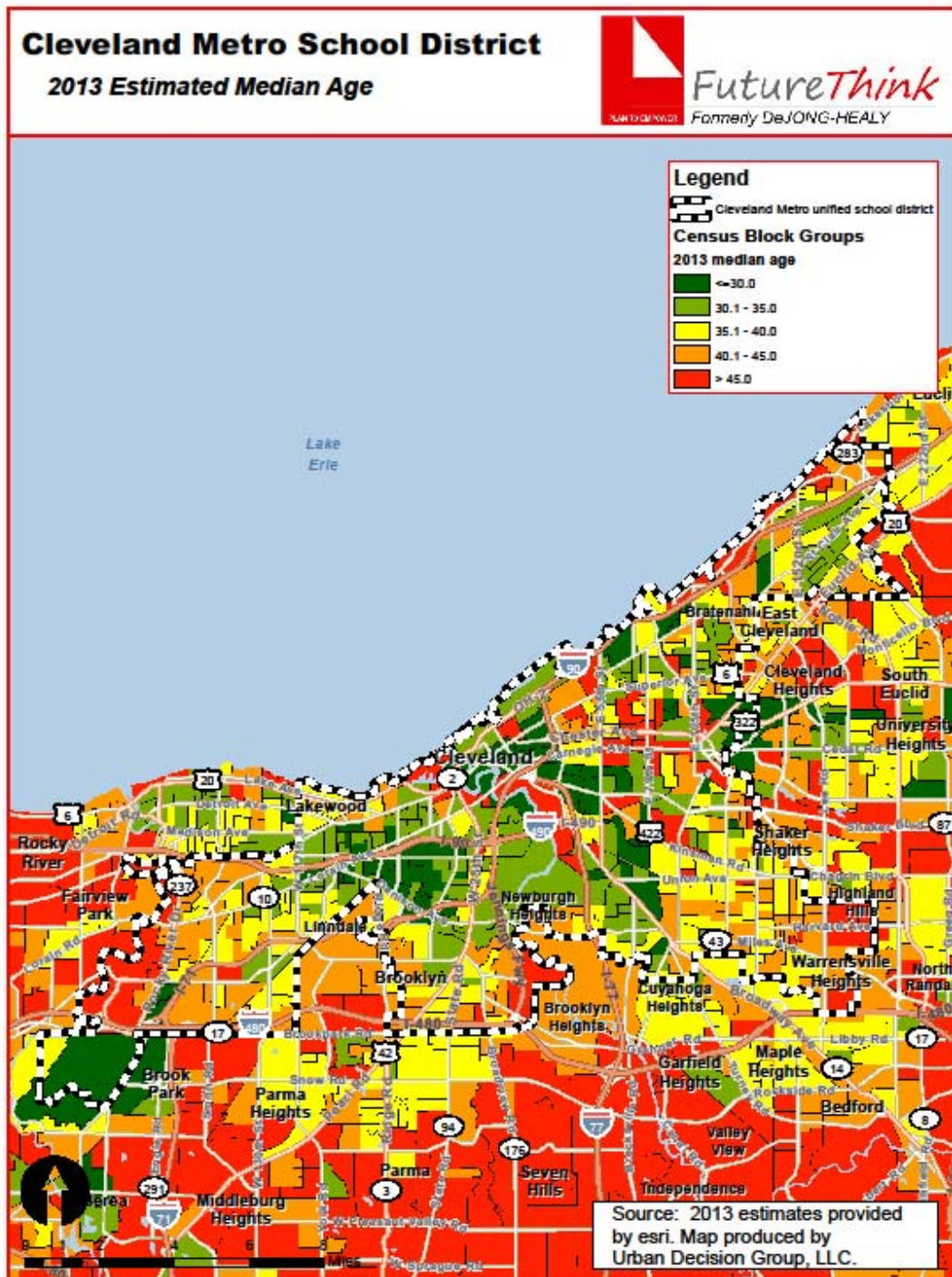
Cleveland Metropolitan School District



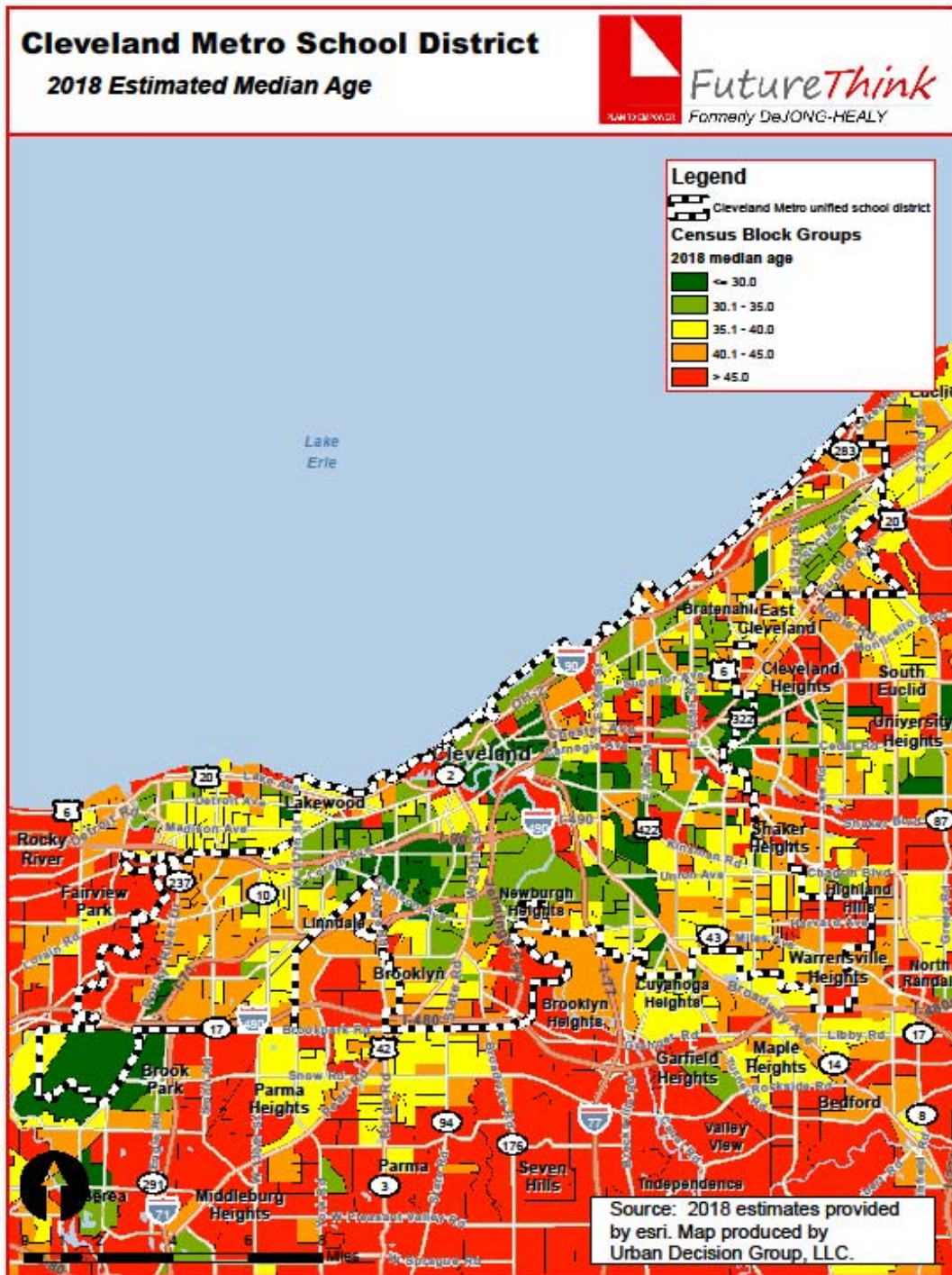
Cleveland Metropolitan School District



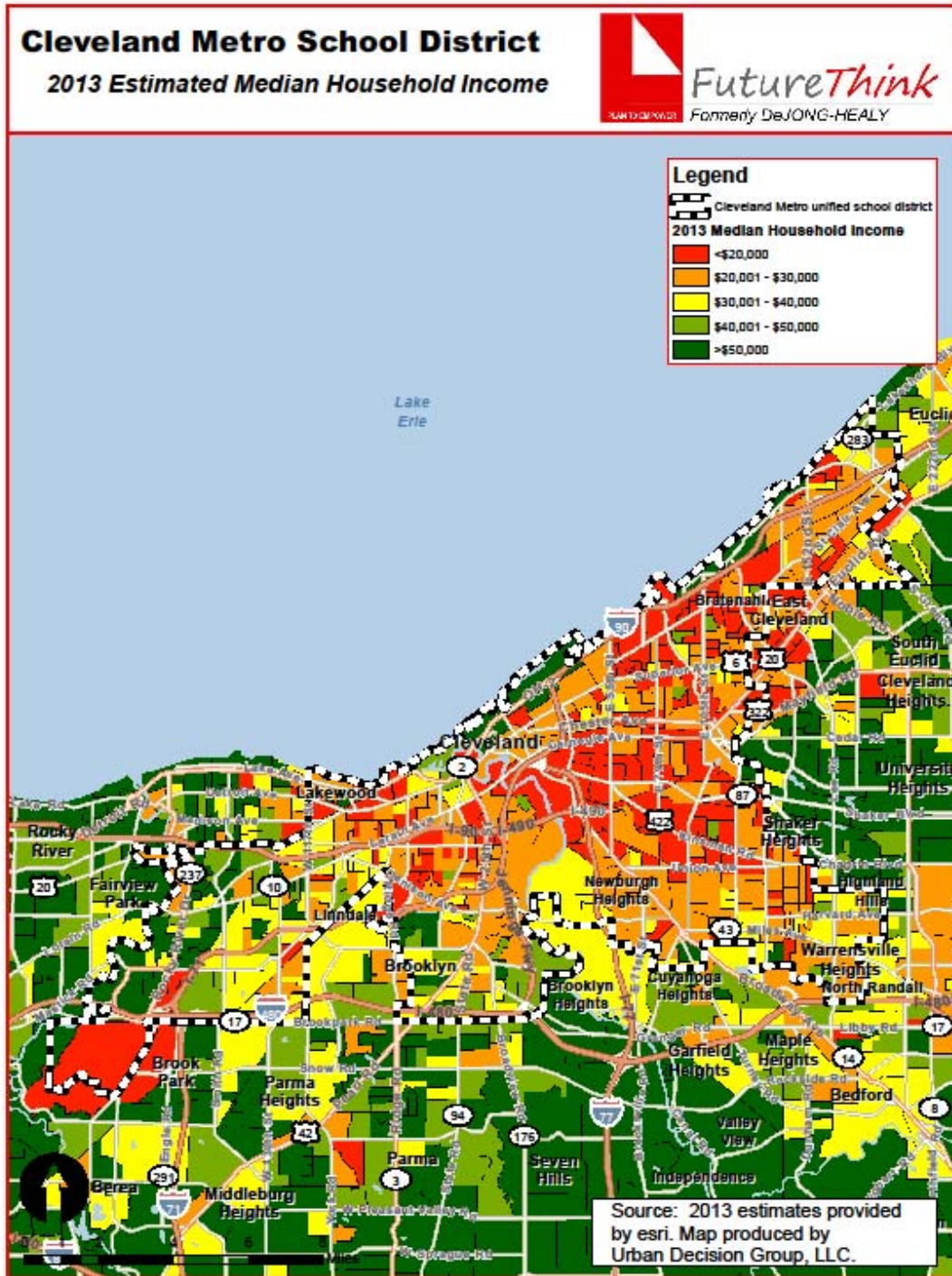
Cleveland Metropolitan School District



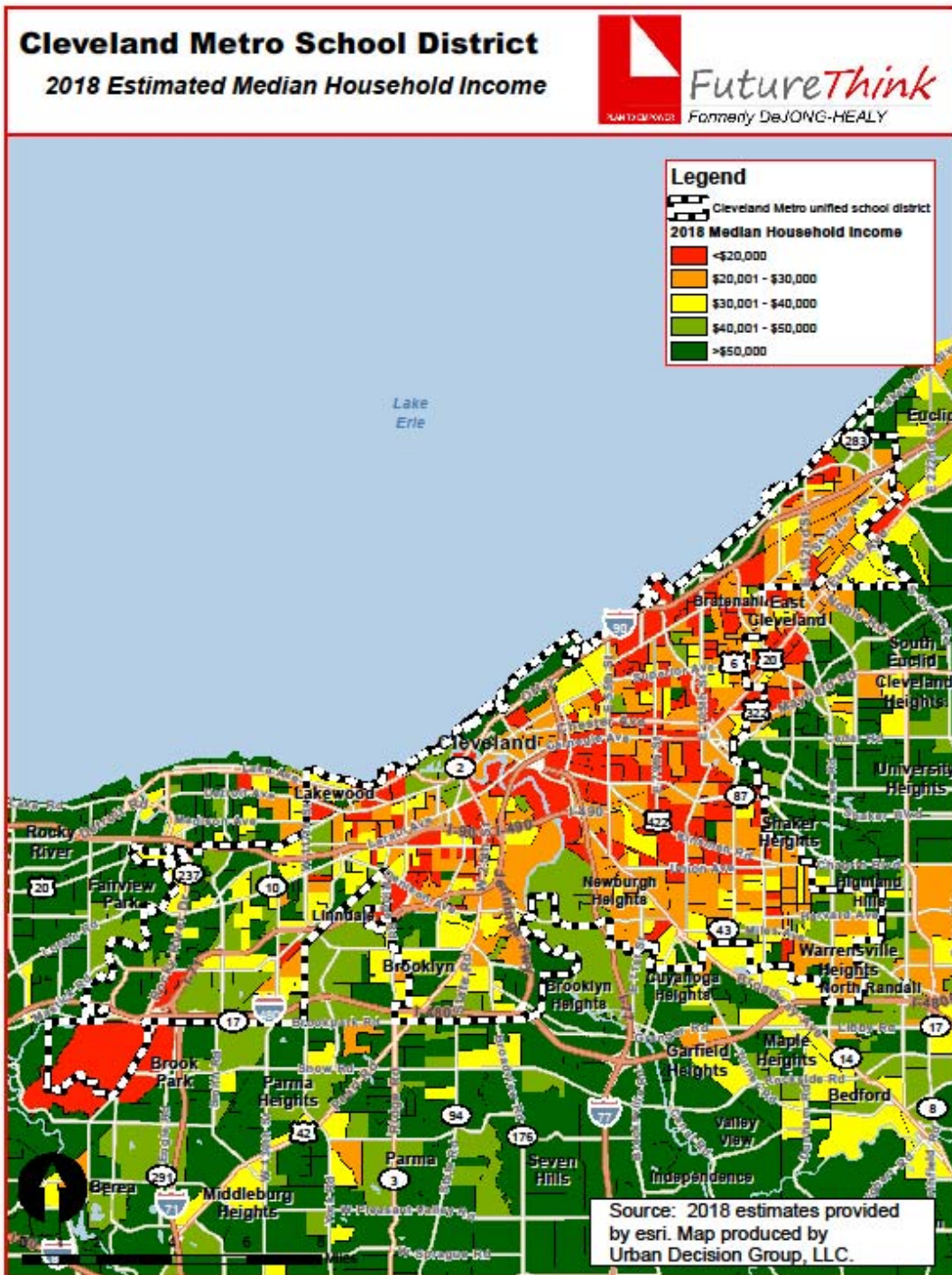
Cleveland Metropolitan School District



Cleveland Metropolitan School District



Cleveland Metropolitan School District



Cleveland Metropolitan School District

HOUSING INFORMATION

The chart below illustrates the number of single-family and multi-family dwelling building permits issued each year in Cleveland and Cuyahoga County.

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

Year	Cleveland	Cuyahoga County
2002	345	1,805
2003	372	1,865
2004	374	2,010
2005	345	1,748
2006	253	1,246
2007	184	922
2008	109	542
2009	87	462
2010	91	490
2011	86	401
2012	110	488
2013*	125	605

Source: SOCDS Building Permits Database

* through November 2013

**# of Building Permits Issued for Multi-Family
Dwellings**

Year	Cleveland	Cuyahoga County
2002	94	191
2003	78	243
2004	83	238
2005	98	245
2006	94	241
2007	64	124
2008	49	200
2009	36	41
2010	36	41
2011	43	75
2012	67	146
2013*	89	403

Source: SOCDS Building Permits Database

* through November 2013

Cleveland Metropolitan 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 Cleveland Metropolitan 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
2004	2005	33.3%	93.3%	87.9%	87.7%	89.5%	90.2%	92.0%	93.3%	89.1%	114.1%	68.9%	69.8%	92.2%
2005	2006	29.9%	96.3%	90.8%	90.0%	93.6%	91.5%	93.4%	96.8%	91.0%	126.1%	70.5%	73.3%	93.7%
2006	2007	30.1%	102.4%	91.3%	93.6%	94.6%	95.6%	96.4%	98.5%	92.6%	123.7%	70.7%	72.6%	96.0%
2007	2008	31.4%	100.9%	93.7%	93.4%	94.9%	95.1%	94.2%	96.1%	92.5%	122.7%	73.7%	71.3%	95.8%
2008	2009	31.5%	100.4%	95.5%	96.0%	96.9%	97.2%	95.1%	98.7%	97.4%	125.6%	78.0%	70.9%	94.6%
2009	2010	32.4%	90.7%	92.6%	90.4%	93.7%	93.7%	92.8%	95.3%	91.3%	120.5%	75.5%	70.3%	90.5%
2010	2011	29.7%	94.4%	89.6%	93.9%	93.9%	94.2%	94.3%	95.3%	95.5%	123.9%	82.1%	77.4%	88.6%
2011	2012	27.5%	92.1%	87.6%	92.2%	93.1%	92.4%	91.4%	94.9%	94.8%	123.2%	83.3%	76.2%	83.6%
2012	2013	29.1%	98.5%	92.0%	93.9%	93.5%	93.5%	94.6%	96.4%	97.1%	138.0%	82.6%	73.4%	82.6%
	average	30.56%	96.544%	91.23%	92.3%	93.75%	93.7%	93.8%	96.1%	93.5%	124.203%	76.125%	72.802%	90.841%
	standard deviation	1.692%	3.966%	2.436%	2.387%	1.828%	2.027%	1.480%	1.642%	2.703%	5.939%	5.291%	2.454%	4.719%

Cleveland Metropolitan School District

ENROLLMENT PROJECTION

Enrollment projections were developed after analyzing the data collected in this report. The projections indicate a decrease of 8,359 students in grades Pre-K through 12 from the 2013-14 to the 2023-24 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2023-24 school year.

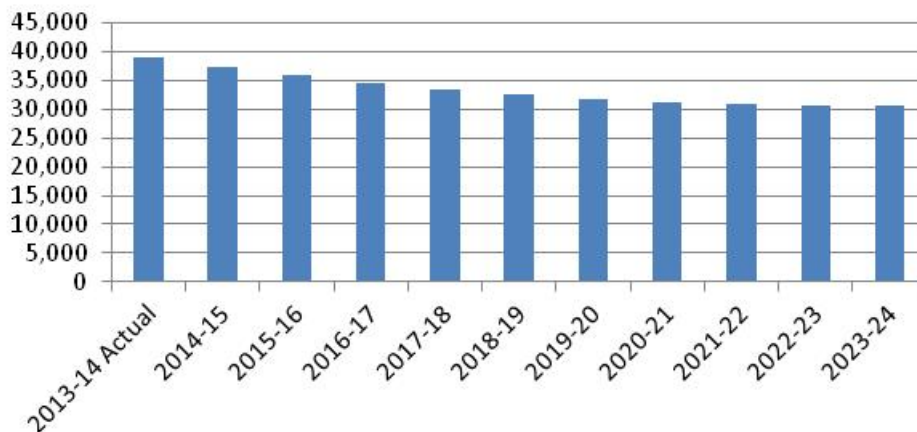
Kindergarten:

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.

**Cleveland Metropolitan School District
Projected Enrollment**



Cleveland Metropolitan School District

Cleveland Metropolitan School District Projected Enrollment

Grade	2013-14 Actual	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-K	1,290	1,379	1,344	1,328	1,336	1,348	1,348	1,348	1,348	1,348	1,348
K	3,184	3,186	3,105	3,069	3,087	3,114	3,114	3,114	3,114	3,114	3,114
1	3,054	3,025	3,027	2,950	2,916	2,933	2,959	2,959	2,959	2,959	2,959
2	2,861	2,764	2,738	2,739	2,670	2,639	2,655	2,678	2,678	2,678	2,678
3	2,758	2,670	2,579	2,555	2,556	2,491	2,462	2,477	2,498	2,498	2,498
4	2,536	2,582	2,499	2,414	2,391	2,392	2,332	2,305	2,318	2,338	2,338
5	2,770	2,372	2,414	2,337	2,257	2,236	2,237	2,180	2,155	2,168	2,186
6	2,585	2,588	2,215	2,255	2,182	2,108	2,088	2,089	2,036	2,013	2,025
7	2,708	2,469	2,471	2,116	2,153	2,084	2,013	1,994	1,995	1,945	1,922
8	2,848	2,595	2,365	2,367	2,027	2,063	1,997	1,929	1,910	1,911	1,863
9	4,020	3,657	3,332	3,037	3,040	2,602	2,649	2,564	2,477	2,453	2,454
10	3,191	3,321	3,021	2,752	2,509	2,511	2,149	2,188	2,118	2,046	2,026
11	2,662	2,416	2,514	2,287	2,083	1,899	1,901	1,627	1,656	1,603	1,549
12	2,418	2,083	2,051	2,135	1,942	1,769	1,613	1,614	1,382	1,406	1,361
Pre-K - 12 Total	38,885	37,107	35,675	34,341	33,149	32,189	31,517	31,066	30,644	30,480	30,321
Ungraded	0	31	30	28	27	27	26	26	25	25	25
Career Tech Comprehensive - Low Bay	0	183	185	180	164	149	143	132	124	122	118
Career Tech Comprehensive - High Bay	0	96	97	94	85	78	75	69	65	64	62
Grand Total	38,885	37,417	35,987	34,643	33,425	32,443	31,761	31,293	30,858	30,691	30,526

Source: FutureThink

Cleveland Metropolitan School District Projected Enrollment by Grade Group

Grade	2013-14 Actual	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-K - 8	26,594	25,630	24,757	24,130	23,575	23,408	23,205	23,073	23,011	22,972	22,931
9 - 12	12,291	11,477	10,918	10,211	9,574	8,781	8,312	7,993	7,633	7,508	7,390
Pre-K - 12 Total	38,885	37,107	35,675	34,341	33,149	32,189	31,517	31,066	30,644	30,480	30,321
Ungraded	0	31	30	28	27	27	26	26	25	25	25
Career Tech Comprehensive - Low Bay	0	183	185	180	164	149	143	132	124	122	118
Career Tech Comprehensive - High Bay	0	96	97	94	85	78	75	69	65	64	62
Grand Total	38,885	37,417	35,987	34,643	33,425	32,443	31,761	31,293	30,858	30,691	30,526

Source: FutureThink

Cleveland Metropolitan 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 Cleveland Metropolitan School District.

APPENDIX

The following items were used to complete the enrollment projections report:

- District Questionnaire
- September 2011 Draft Enrollment Projection Report [available upon request]

District Questionnaire for Cleveland Municipal Municipal of Cuyahoga County (43786)

District Questionnaire has been submitted for review

Enrollment Report For Cleveland Municipal Municipal of Cuyahoga County (43786)

Contact Information

Superintendent Name: Eric Gordon
 Superintendent Email: Eric.Gordon@clevelandmetroschools.org
 Superintendent Phone: (216) 838-0127
 Contact Name (if different from Superintendent): Blessing Nwaozuzu
 Contact Title: Executive Director Student Services
 Contact Email: blessing.nwaozuzu@clevelandmetroschools.org
 Contact Phone: (216) 838-0123

K12 Enrollment

Grade	Enrolled 2004- 2005	Enrolled 2005- 2006	Enrolled 2006- 2007	Enrolled 2007- 2008	Enrolled 2008- 2009	Enrolled 2009- 2010	Enrolled 2010- 2011	Enrolled 2011- 2012	Enrolled 2012- 2013	Enrolled 2013- 2014
K	4753	4397	3781	3617	3641	3620	3552	3378	3100	3184
1	5089	4435	4233	3871	3650	3655	3282	3353	3110	3054
2	4857	4474	4027	3866	3626	3485	3386	2941	2938	2861
3	4782	4262	4025	3769	3609	3481	3151	3180	2711	2758
4	4949	4282	3989	3809	3575	3497	3263	2958	2961	2536
5	5248	4465	3917	3814	3623	3475	3277	3074	2733	2770
6	5688	4828	4169	3776	3592	3444	3224	3091	2809	2585
7	5599	5305	4674	4108	3630	3546	3283	3071	2932	2708
8	5355	4991	4828	4330	3798	3534	3238	3136	2912	2848
9	6488	6109	6296	5970	5313	4771	4258	4012	3863	4020
10	4879	4467	4308	4450	4398	4145	3601	3494	3340	3191
11	3371	3406	3274	3126	3175	3116	2915	2786	2663	2662
12	3124	3107	3192	3142	2996	3002	2820	2891	2659	2418
Ungraded	103	169	4	0	0	34	113	35	32	0
Total	64285	58697	54717	51648	48626	46805	43363	41400	38763	37595

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?

yes

Please select your district's preschool funding sources:

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?

no

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 25 to 1
- 4-5 30 to 1
- 6-8 30 to 1
- 9-12 30 to 1

Grade Configurations

K 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	K-8	9-12
IE13	1218	894
IE14	1486	1065
IE15	1630	965
Total	4334	2924

*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 2004- 2005	Enrolled 2005- 2006	Enrolled 2006- 2007	Enrolled 2007- 2008	Enrolled 2008- 2009	Enrolled 2009- 2010	Enrolled 2010- 2011	Enrolled 2011- 2012	Enrolled 2012- 2013	Enrolled 2013- 2014
PreK	0	0	0	0	0	0	0	1811	2104	0
K	958	958	1457	1502	1450	1456	1471	1811	2104	2065
1	1007	1007	1419	1489	1456	1426	1558	1539	1899	2030
2	916	916	1234	1400	1413	1403	1389	1572	1684	1833
3	825	825	1258	1237	1334	1355	1375	1353	1615	1634
4	767	767	1145	1242	1219	1309	1357	1386	1413	1535
5	771	771	1093	1127	1150	1166	1322	1289	1435	1466
6	920	920	1093	1134	1180	1267	1323	1338	1414	1488
7	820	820	1034	1097	1084	1046	1197	1205	1427	1397
8	698	698	1020	978	1000	928	1055	1080	1216	1358
9	2682	2682	2435	2749	1666	2427	1972	1302	1472	1348
10	1053	1053	1476	1408	1299	1513	1441	829	985	998
11	828	828	629	1009	763	1011	1034	799	868	908
12	583	583	573	727	550	734	835	638	748	388
Ungraded	45	45	102	155	126	118	123	5	7	127
Total	12873	12873	15968	17254	15690	17159	17452	17957	20391	18575

Open Enrollment (In)

Grade	Enrolled 2004- 2005	Enrolled 2005- 2006	Enrolled 2006- 2007	Enrolled 2007- 2008	Enrolled 2008- 2009	Enrolled 2009- 2010	Enrolled 2010- 2011	Enrolled 2011- 2012	Enrolled 2012- 2013	Enrolled 2013- 2014
Prek	0	0	0	1	0	1	2	0	0	0
K	0	0	0	11	19	26	32	24	24	0
1	0	0	0	1	8	17	26	36	28	0
2	0	0	0	4	7	12	29	26	23	0
3	0	0	0	1	10	14	11	27	22	0
4	0	0	0	0	3	18	14	21	31	0
5	0	0	0	3	2	3	18	32	24	0
6	0	0	0	2	6	8	8	35	29	0
7	0	0	0	2	10	14	10	28	29	0
8	0	0	0	2	8	11	11	34	27	0
9	0	0	0	3	43	40	31	80	68	0
10	0	0	0	8	17	37	39	77	82	0
11	0	0	0	2	13	15	35	98	73	0
12	0	0	0	5	9	15	19	91	92	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	45	155	231	285	609	552	0

Open Enrollment (Out)

Grade	Enrolled 2004- 2005	Enrolled 2005- 2006	Enrolled 2006- 2007	Enrolled 2007- 2008	Enrolled 2008- 2009	Enrolled 2009- 2010	Enrolled 2010- 2011	Enrolled 2011- 2012	Enrolled 2012- 2013	Enrolled 2013- 2014
Prek	0	0	0	0	0	0	2	0	0	0
K	0	25	18	0	32	46	3	12	15	0
1	13	11	21	0	29	27	5	31	24	0
2	15	13	26	0	25	29	41	23	24	0
3	7	11	24	0	31	31	18	25	21	0
4	14	11	14	0	33	31	26	21	27	0
5	7	15	17	2	34	31	28	29	26	0
6	12	11	8	0	26	30	31	32	27	0
7	17	15	19	0	26	27	28	27	26	0
8	23	21	31	1	42	50	35	34	30	0
9	27	28	36	1	125	177	71	77	58	0
10	19	46	19	2	86	124	102	74	76	0
11	17	32	53	0	83	104	85	90	64	0
12	30	34	85	1	46	33	48	90	84	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	201	273	371	7	618	740	523	565	502	0

JVS Enrollment

Does your District belong to a JVSD? no

Career Technical Compact Enrollment

Does your District belong to a Compact? no

Career Tech Program Enrollment

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 **01.0901-Animal Science and Management (Equine)-Program Type 7** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	6	20	0
Total	0	0	0	0	0	0	0	6	20	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **34.0005-Visual Design and Imaging-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	15	15	0
Total	0	0	0	0	0	0	0	15	15	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0300-Administrative and Professional Support-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	4	1	0
Total	0	0	0	0	0	0	0	4	1	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0800-Business Management-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	16	10	0
Total	0	0	0	0	0	0	0	16	10	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0310-Legal Management and Support-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	6	5	0
Total	0	0	0	0	0	0	0	6	5	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.1011-Building and Property Maintenance-Program Type 5** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	30	33	0
Total	0	0	0	0	0	0	0	30	33	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **35.0201-Early Childhood Education-Program Type 3** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	7	14	0
Total	0	0	0	0	0	0	0	7	14	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.1810-Engineering Technologies-Program Type 6** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	8	0	0
Total	0	0	0	0	0	0	0	8	0	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **07.0103-Dental Laboratory Technology-Program Type 2** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	13	17	0
Total	0	0	0	0	0	0	0	13	17	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **07.0904-Medical Assistant-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	8	10	0
Total	0	0	0	0	0	0	0	8	10	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **07.0303-Nurse Assisting-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	14	16	0
Total	0	0	0	0	0	0	0	14	16	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **33.0005-Culinary and Food Service Operations-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	15	17	0
Total	0	0	0	0	0	0	0	15	17	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **33.0010-Lodging-Program Type 3** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	16	7	0
Total	0	0	0	0	0	0	0	16	7	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0240-Interactive Media-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	21	0
Total	0	0	0	0	0	0	0	0	21	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0220-Network Systems-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	5	8	0
Total	0	0	0	0	0	0	0	5	8	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **14.0230-Programming and Software Development-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	23	20	0
Total	0	0	0	0	0	0	0	23	20	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.2811-Emergency Medical Technician - Secondary-Program Type 2** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	3	1	0
Total	0	0	0	0	0	0	0	3	1	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.2801-Fire Fighter Training-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	3	0	0
Total	0	0	0	0	0	0	0	3	0	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.2808-Private Security-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	25	24	0
Total	0	0	0	0	0	0	0	25	24	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.2302-Precision Machining-Program Type 6** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	7	5	0
Total	0	0	0	0	0	0	0	7	5	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.2306-Welding and Cutting-Program Type 5** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	18	11	0
Total	0	0	0	0	0	0	0	18	11	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **04.0810-Marketing Management-Program Type 3** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	19	40	0
Total	0	0	0	0	0	0	0	19	40	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.0301-Auto Collision Repair-Program Type 6** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	24	15	0
Total	0	0	0	0	0	0	0	24	15	0

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

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.0303-Auto Specialization-Program Type 5** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	8	6	0
Total	0	0	0	0	0	0	0	8	6	0

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

Do you district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **17.0302-Auto Technology-Program Type 6** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2004-2005	Enrolled 2005-2006	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014
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	15	13	0
Total	0	0	0	0	0	0	0	15	13	0

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

Boundaries

Has your District experienced changes in District-wide boundaries since 2004? no

Please list municipalities, townships, and any additional counties within the boundaries of your school district:

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:

Return To District Print Report

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

Comments or Suggestions Regarding OSFC Website