

*FutureThink*

*Formerly DeJONG-HEALY*

# DRAFT REPORT



School Facilities  
Commission

**Cleveland Heights-University Heights**

**City School District**

Cuyahoga County

Enrollment Projections

November 16, 2015

## Cleveland Heights-University Heights City School District

### INTRODUCTION

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

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

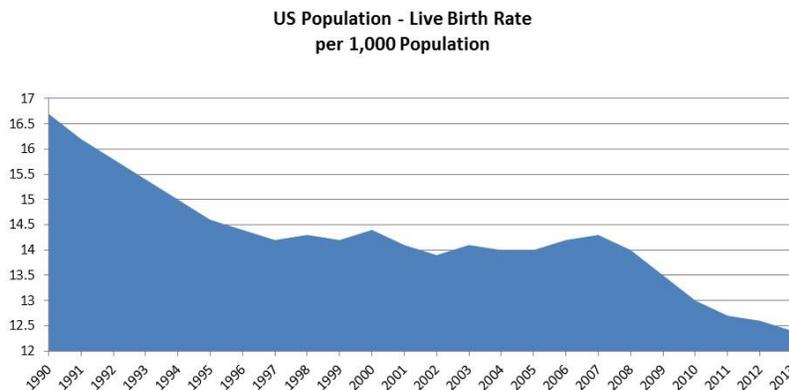
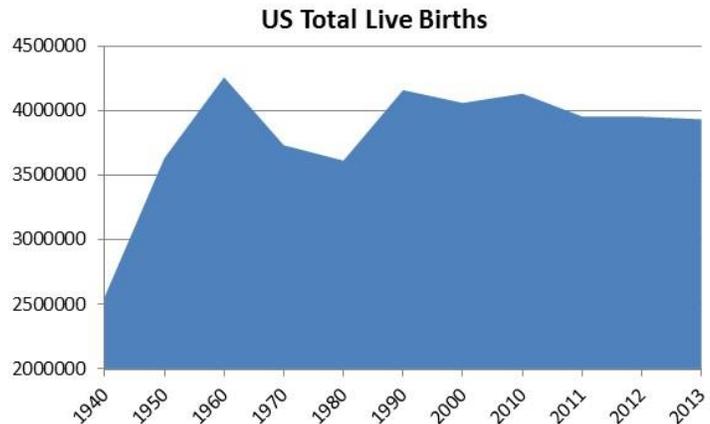
- ▶ Live birth data
- ▶ Historical enrollment
- ▶ Community school enrollment
- ▶ Open enrollment
- ▶ Community demographics
- ▶ Housing information

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.

## Cleveland Heights-University Heights City School District

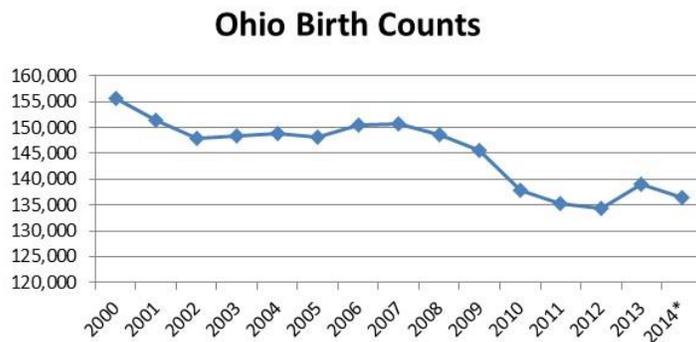
### NATIONAL & OHIO TRENDS IN ENROLLMENT

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



With the live birth rate, there was an increase for the first time in several years in 1998. Other increases occurred in 2000, 2006, and 2007. Since 2007, the birth rate has resumed a descending pattern, reaching an all-time low in 2013.

Ohio has experienced a similar trend in live births as seen around the country. Live birth counts increased in 2000. A descending pattern resumed in 2001 with a slight stabilization from 2002 to 2005. Births increased slightly again in 2006 and 2007 but then declined to an all-time low of 134,440 in 2012. In 2013, there was an increase, but preliminary counts for 2014 show another decrease.

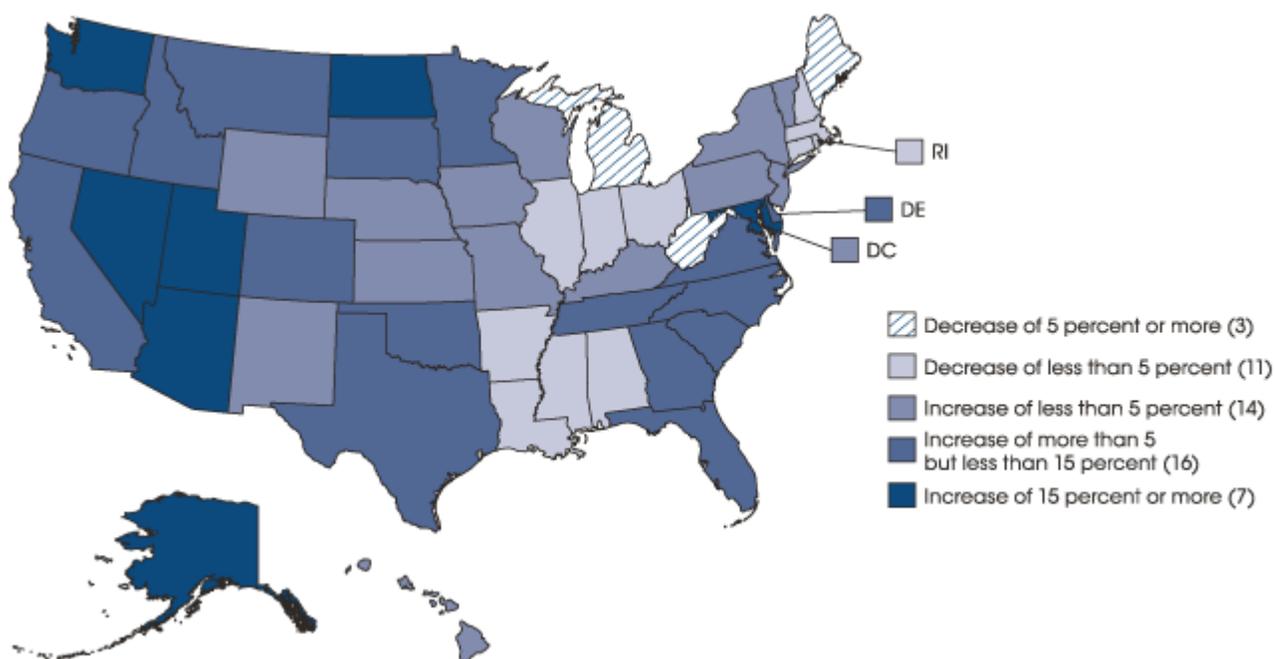


## Cleveland Heights-University Heights City School District

In addition, to births dropping in Ohio, the state is also aging. The median age in 2014 was 39.5 years of age while the national median age is 37.6 years. In 2010, the median age in Ohio was 38.3 years.

In 2012-13, approximately 49.8 million students were enrolled in grades PreK-12 in the United States. From 2000-01 to 2012-13, enrollment increased by 2.6 million students. Overall, enrollment is projected to increase by approximately 6 percent by the 2024-25 school year.

The figure below illustrates the projected change in PreK-12 public school enrollment from the 2012-13 to the 2024-25 school year. Growth is expected to continue primarily in the southeast and west. Ohio is projected to experience a decrease of less than 5 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," 2012-13; and Public State Elementary and Secondary Enrollment Model: 1980-2024. See *Digest of Education Statistics 2014*, [table 203.20](#).

## Cleveland Heights-University Heights City School District

In Ohio, enrollment has declined steadily for both public and non-public school enrollment. From 2004-05 to 2014-15, public school enrollment declined by over 124,000 students or approximately 7 percent statewide.

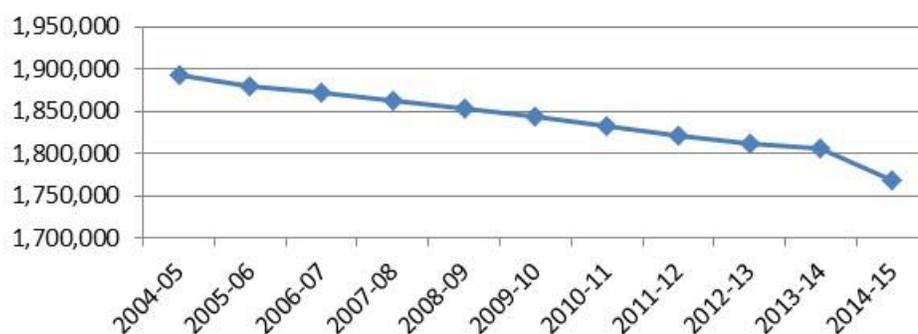
### Ohio Public School Enrollment 2004-05 - 2014-15

Year	October Headcount*
2004-05	1,892,490
2005-06	1,880,426
2006-07	1,872,435
2007-08	1,862,582
2008-09	1,852,542
2009-10	1,844,447
2010-11	1,832,832
2011-12	1,820,312
2012-13	1,811,532
2013-14	1,806,267
2014-15	1,767,716

Source: Ohio Department of Education

\*includes grades K-12 and ungraded

### Ohio Public School Enrollment



## Cleveland Heights-University Heights City School District

From 2003-04 to 2013-14, private school enrollment has declined by approximately 49,000 students or 26 percent. Enrollment totals for 2014-15 were not available.

### Ohio Chartered Non-Public School Enrollment

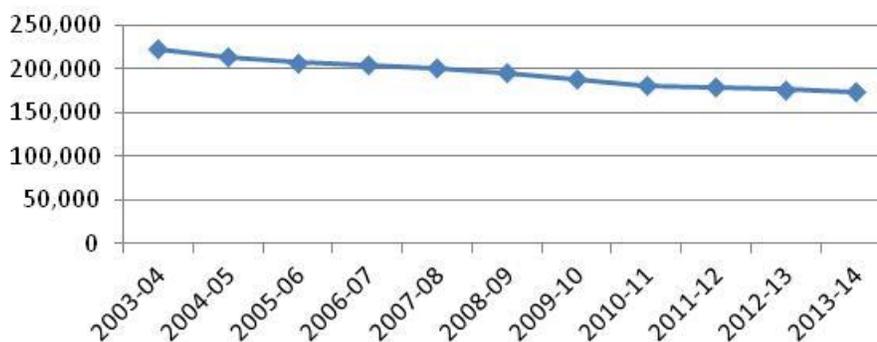
2003-04 - 2013-14

Year	October ADM*
2003-04	222,830
2004-05	213,312
2005-06	207,054
2006-07	204,402
2007-08	200,598
2008-09	195,343
2009-10	187,994
2010-11	181,420
2011-12	178,702
2012-13	176,166
2013-14	173,966

Source: Ohio Department of Education

\*includes grades K-12

### Ohio Non-Public School Enrollment



## Cleveland Heights-University Heights City School District

Out of 610 school districts, only 94 gained enrollment from the 2006-07 to the 2015-16 school year. Approximately 84% of school districts lost enrollment over the 10 years. Approximately 34% of these districts lost less than 10 percent.

Districts with the biggest loss of students were urban school districts.

For those districts that gained enrollment, 54% increased by less than 5 percent. Of the 10 districts with the greatest increase in students, eight are located in Central Ohio, and most are considered suburban districts.

Looking at the change over five years, 72 districts (12%) increased in enrollment, and 538 decreased (88%). Of the districts that lost enrollment, 65% declined less than 10 percent.

Districts with the biggest losses were still primarily the urban school districts.

For those districts that gained over 5 years, 85% increased by less than 10 percent. Of the 10 districts with the greatest increase in students, 8 are located in Central Ohio, and most are considered suburban districts.

Analyzing enrollment from a county perspective, only 3 of the 88 counties in Ohio gained enrollment from 2006-07 and 2015-16.

County	Percentage Gain
Delaware	36.57%
Warren	4.95%
Fairfield	0.75%

Harrison County had the highest percentage loss of students at 25.77 percent. Fifty percent of the counties (44) experienced a decline of greater than 10 percent. These counties are listed in the table on the following page.

## Cleveland Heights-University Heights City School District

County	Percentage Loss
Harrison	-25.77%
Noble	-21.94%
Guernsey	-21.68%
Washington	-18.69%
Carroll	-18.38%
Williams	-18.34%
Geauga	-18.20%
Ashtabula	-17.97%
Cuyahoga	-17.56%
Marion	-17.18%
Trumbull	-17.03%
Huron	-16.82%
Henry	-16.53%
Coshocton	-16.13%
Ashland	-16.05%
Mahoning	-15.83%
Jefferson	-15.51%
Pike	-14.61%
Portage	-14.58%
Lucas	-14.00%
Crawford	-13.87%
Richland	-13.85%
Brown	-13.66%
Logan	-13.57%
Hardin	-13.51%
Fulton	-13.04%
Ottawa	-13.04%
Clark	-12.98%
Gallia	-12.96%
Holmes	-12.87%
Erie	-12.70%
Putnam	-12.58%
Paulding	-12.50%
Preble	-12.08%
Summit	-12.04%
Columbiana	-11.94%
Lorain	-11.68%
Wayne	-11.57%
Knox	-11.13%
Lawrence	-11.04%
Mercer	-10.62%
Perry	-10.60%
Highland	-10.58%
Jackson	-10.41%

## Cleveland Heights-University Heights 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.

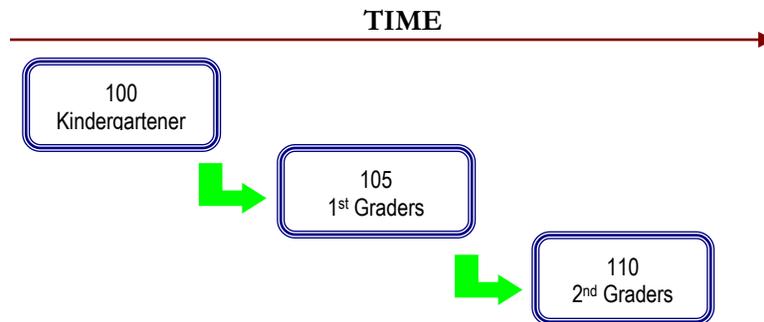
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population?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

## Cleveland Heights-University Heights 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.

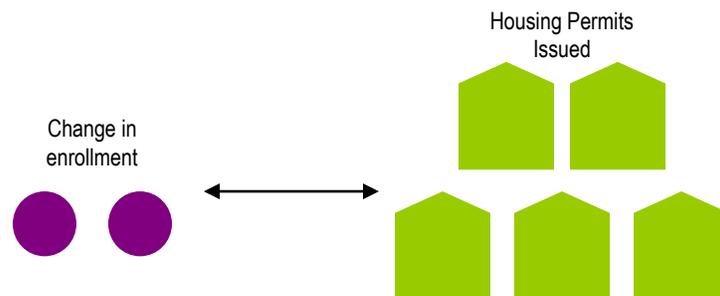
This methodology can be carried through to develop ten years of projection figures. Because there is not a grade cohort to follow for students coming into kindergarten, live birth counts are used to develop a survival ratio. Babies born five years previous to the kindergarten class are compared in number,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

## Cleveland Heights-University Heights 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.



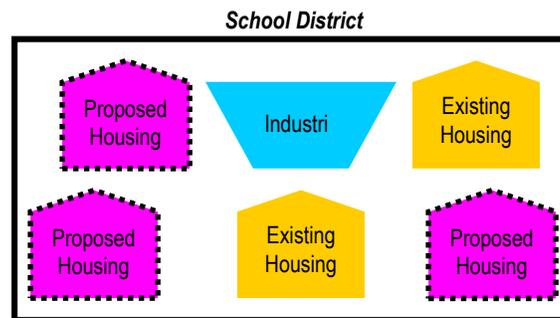
Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

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.

## Cleveland Heights-University Heights 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 Cleveland Heights-University Heights City School District.

## Cleveland Heights-University Heights City School District

### HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Cleveland Heights-University Heights City School District has decreased by 914 students in grades Pre-K – 12, including ungraded and career technical students. Total enrollment for the 2015-16 school year is 5,448 students.

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

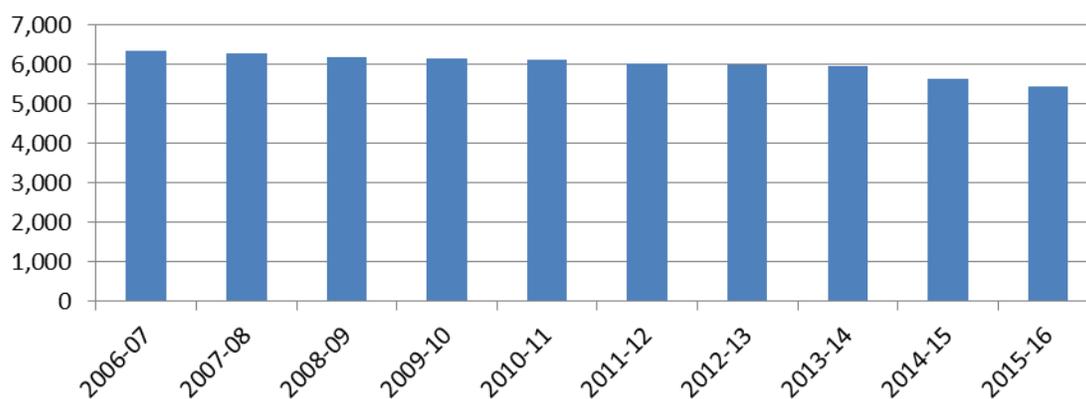
- Pre-K – 100%
- K-5 – 10%
- 6-8 – 13%
- 9-12 – 16%

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

- Pre-K – 0%
- K-5 – 2%
- 6-8 – 3%
- 9-12 – 4%

The following graph illustrates the District’s Pre-K – 12 enrollment history from 2006-07 through 2015-16.

**Cleveland Heights-University Heights City School District  
Historical Enrollment**



## Cleveland Heights-University Heights City School District

The following tables illustrate the District's enrollment history from 2006-07 through 2015-16.

**Cleveland Heights-University Heights City School District  
Historical Enrollment**

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Pre-K (regular)*	37	34	29	42	33	31	30	28	28	29
Pre-K (ECE)	43	41	29	48	41	45	46	45	38	22
Pre-K (special needs)	79	69	80	74	59	54	50	41	45	50
K	426	385	422	407	411	445	412	392	367	381
1	417	449	377	429	424	406	434	394	399	347
2	423	417	454	391	412	424	406	430	404	385
3	462	433	426	434	398	412	435	434	414	405
4	491	471	437	419	448	419	419	427	422	435
5	460	483	464	449	428	432	451	429	412	400
6	497	470	481	445	451	402	462	440	391	391
7	502	507	467	506	474	449	398	473	419	419
8	518	516	466	465	511	450	468	427	456	413
9	692	691	662	620	587	643	539	591	525	519
10	430	485	541	499	485	467	516	427	435	399
11	405	358	372	417	398	386	355	361	276	266
12	370	352	309	340	354	328	314	308	338	285
Pre-K - 12 Total	6,252	6,161	6,016	5,985	5,914	5,793	5,735	5,647	5,369	5,146
Ungraded	1	0	0	0	5	9	2	6	10	0
Career Tech Comprehensive - Low Bay	42	72	93	112	145	144	158	215	183	205
Career Tech Comprehensive - High Bay	37	37	26	24	22	20	24	25	25	25
Career Tech Off-Site	2	5	4	4	3	1	2	0	0	3
Career Tech On-Site - Low Bay	22	20	30	39	42	44	46	62	55	63
Career Tech On-Site - High Bay	6	3	3	5	4	9	12	7	5	6
Grand Total	6,362	6,298	6,172	6,169	6,135	6,020	5,979	5,962	5,647	5,448

Source: Ohio Department of Education, EMIS; Cleveland Heights-University Heights City School District

**Cleveland Heights-University Heights City School District  
Historical Enrollment by Grade Group**

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Pre-K (ECE, special needs) - 5	2,801	2,748	2,689	2,651	2,621	2,637	2,653	2,592	2,501	2,425
6 - 8	1,517	1,493	1,414	1,416	1,436	1,301	1,328	1,340	1,266	1,223
9 - 12	1,897	1,886	1,884	1,876	1,824	1,824	1,724	1,687	1,574	1,469
Pre-K - 12 Total	6,215	6,127	5,987	5,943	5,881	5,762	5,705	5,619	5,341	5,117
Ungraded	1	0	0	0	5	9	2	6	10	0
Career Tech Comprehensive - Low Bay	42	72	93	112	145	144	158	215	183	205
Career Tech Comprehensive - High Bay	37	37	26	24	22	20	24	25	25	25
Career Tech Off-Site	2	5	4	4	3	1	2	0	0	3
Career Tech On-Site - Low Bay	22	20	30	39	42	44	46	62	55	63
Career Tech On-Site - High Bay	6	3	3	5	4	9	12	7	5	6
Grand Total	6,325	6,264	6,143	6,127	6,102	5,989	5,949	5,934	5,619	5,419

Source: Ohio Department of Education, EMIS; Cleveland Heights-University Heights City School District

\*regular Pre-K enrollment is not included in grade group table above or in the projected enrollment figures.

## Cleveland Heights-University Heights City School District

### COMMUNITY SCHOOL ENROLLMENT

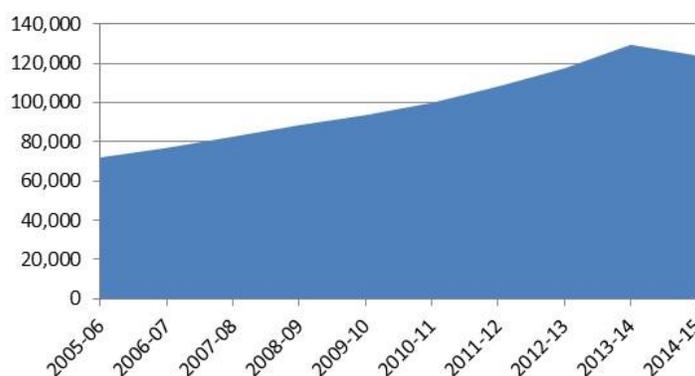
In Ohio, community school enrollment has increased dramatically over the last decade. From 2005-06 to 2014-15, enrollment has increased by over 72% from 72,061 students in 305 community schools to 124,043 students in 381 community schools. From 2013-14 to 2014-15, there was a slight drop in enrollment and number of schools.

Ohio  
Community School Enrollment (Pre-K - 12)

Grade	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Grand Total	72,064	76,932	82,643	88,536	93,623	99,878	108,239	117,473	129,505	124,043

Source: Ohio Department of Education  
includes ungraded students

### Ohio Community School Enrollment

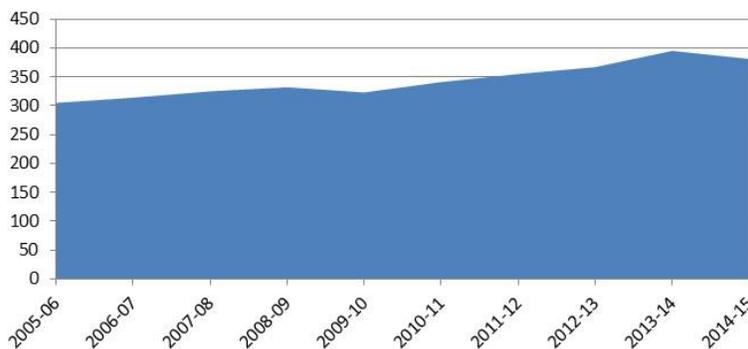


Ohio  
Number of Community Schools

Grade	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Grand Total	305	314	325	332	323	341	355	367	395	381

Source: Ohio Department of Education

### Number of Community Schools in Ohio



## Cleveland Heights-University Heights City School District

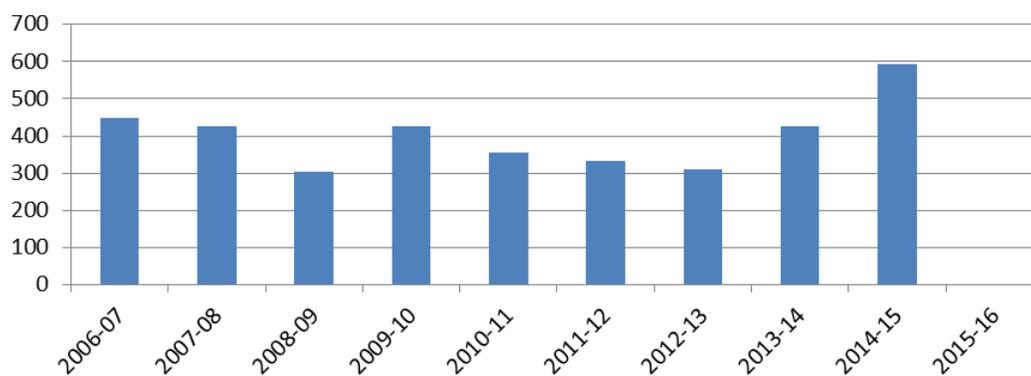
Since 2006-07, the number of Cleveland Heights-University Heights City School District students attending community schools has increased from 449 to 593 students with some fluctuation. Data for the 2015-16 school year is not yet available. Enrollment of Cleveland Heights-University Heights City School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

**Cleveland Heights-University Heights City School District  
Community School Enrollment**

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Pre-K	0	0	0	0	0	0	0	0	0	
K	24	20	12	28	16	19	27	34	67	
1	24	14	22	22	16	19	16	36	55	
2	12	22	13	19	15	14	21	37	60	
3	27	15	8	18	21	17	12	25	43	
4	19	19	12	20	16	18	19	18	43	
5	32	22	14	20	18	13	15	24	40	
6	22	24	20	31	31	30	17	30	44	
7	24	23	22	17	29	30	22	31	48	
8	33	27	20	26	16	28	24	29	37	
9	95	121	71	93	67	50	46	67	50	
10	73	48	45	52	44	32	35	45	43	
11	29	38	21	45	32	32	35	31	33	
12	35	32	23	34	35	29	22	20	30	
Ungraded	0	0	0	0	0	0	0	0	0	
<b>Grand Total</b>	<b>449</b>	<b>425</b>	<b>303</b>	<b>425</b>	<b>356</b>	<b>331</b>	<b>311</b>	<b>427</b>	<b>593</b>	

Source: Ohio Department of Education, EMIS; Cleveland Heights-University Heights City School District  
2015-16 data not yet available

**Cleveland Heights-University Heights City School District  
Students Attending Community Schools**



## Cleveland Heights-University Heights City School District

### OPEN ENROLLMENT

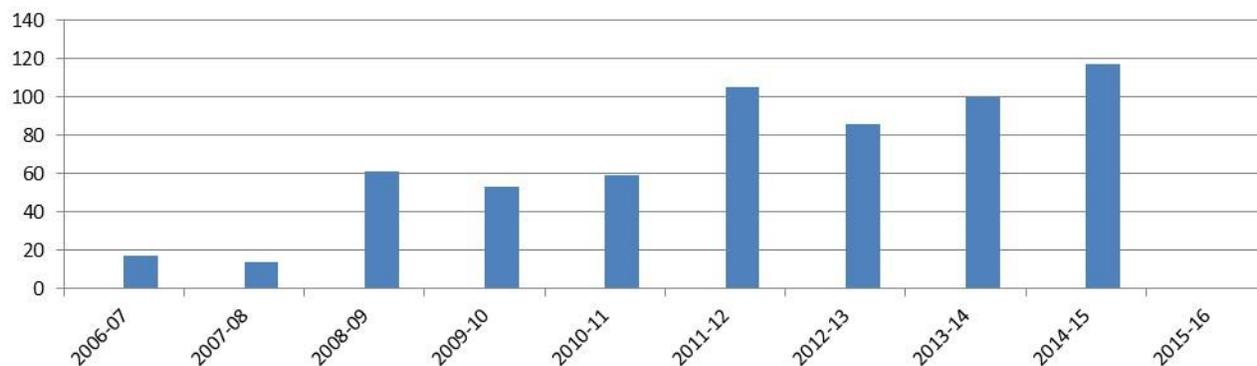
Since 2006-07, the number of Cleveland Heights-University Heights City School District students “open enrolling” out of the District has increased from 17 to 117 students with some fluctuation. There are no students “open enrolling” into the District. Data for the 2015-16 school year is not yet available. 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 Heights-University Heights City School District  
Open Enrollment - OUT**

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Pre-K	0	0	0	0	0	0	0	0	0	0
K	2	1	3	1	2	10	1	4	7	
1	1	1	3	2	3	11	9	6	11	
2	2	0	1	2	4	4	11	13	6	
3	1	2	2	0	2	13	5	12	16	
4	0	0	1	1	1	4	12	6	11	
5	0	0	0	0	3	2	2	12	8	
6	1	0	2	2	2	3	3	3	14	
7	0	0	5	3	2	1	3	2	2	
8	0	1	2	6	2	2	1	2	3	
9	4	3	19	12	12	11	5	10	3	
10	1	4	7	7	13	19	12	8	13	
11	2	1	7	7	7	14	13	12	10	
12	3	1	9	10	6	11	9	10	13	
Ungraded	0	0	0	0	0	0	0	0	0	
<b>Grand Total</b>	<b>17</b>	<b>14</b>	<b>61</b>	<b>53</b>	<b>59</b>	<b>105</b>	<b>86</b>	<b>100</b>	<b>117</b>	

Source: Ohio Department of Education, EMIS; Cleveland Heights-University Heights City School District

**Cleveland Heights-University Heights City School District  
Open Enrollment - Out**



## Cleveland Heights-University Heights 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.

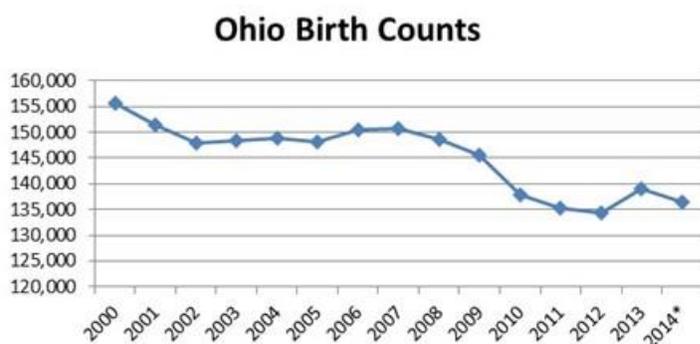
The Ohio Department of Health [ODH] data warehouse provides information about live birth events for Ohio residents. Information about events occurring outside of Ohio to Ohio residents is included. Information about events occurring inside Ohio to non-Ohio residents is not included.

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 has experienced a similar trend in live births as seen around the country. Live birth counts increased in 2000. A descending pattern resumed in 2001 with a slight stabilization from 2002 to 2005. Births increased slightly again in 2006 and 2007 but then declined to an all-time low of 134,440 in 2012. In 2013, there was an increase, but preliminary counts for 2014 show another decrease.

## Cleveland Heights-University Heights City School District

The following table and graph include the live birth counts for zip codes 44106, 44112, 44118, 44121, and 44122. However, upon analysis of the map on page 19, only zip codes 44106, 44112, 44118, and 44121 were used for projection purposes.

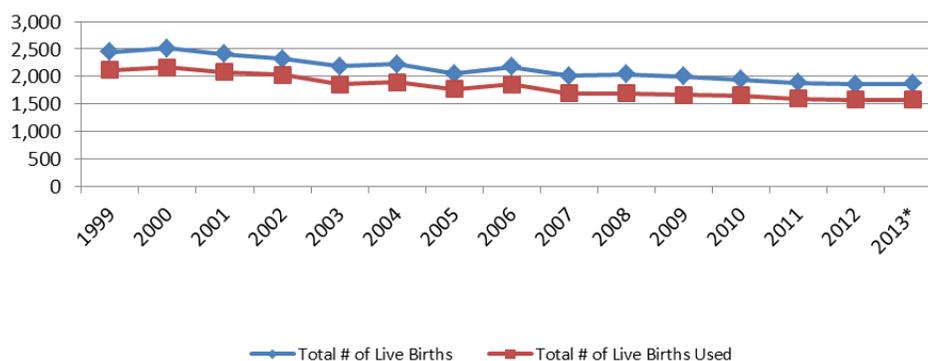
**Cleveland Heights-University Heights City School District  
Live Birth Count by Zip Code  
1999-2013**

Year	44106	44112	44118	44121	44122	Total # of Live Births	Total # of Live Births Used
1999	416	558	678	462	328	2,442	2,114
2000	416	570	682	493	348	2,509	2,161
2001	404	511	695	466	329	2,405	2,076
2002	371	492	690	475	290	2,318	2,028
2003	329	415	635	480	324	2,183	1,859
2004	320	465	664	448	326	2,223	1,897
2005	307	388	636	439	283	2,053	1,770
2006	345	405	654	453	319	2,176	1,857
2007	346	364	581	401	319	2,011	1,692
2008	318	376	585	413	343	2,035	1,692
2009	286	346	635	396	334	1,997	1,663
2010	274	339	622	414	295	1,944	1,649
2011	291	302	605	395	288	1,881	1,593
2012	282	323	598	375	282	1,860	1,578
2013*	291	285	621	380	291	1,868	1,577

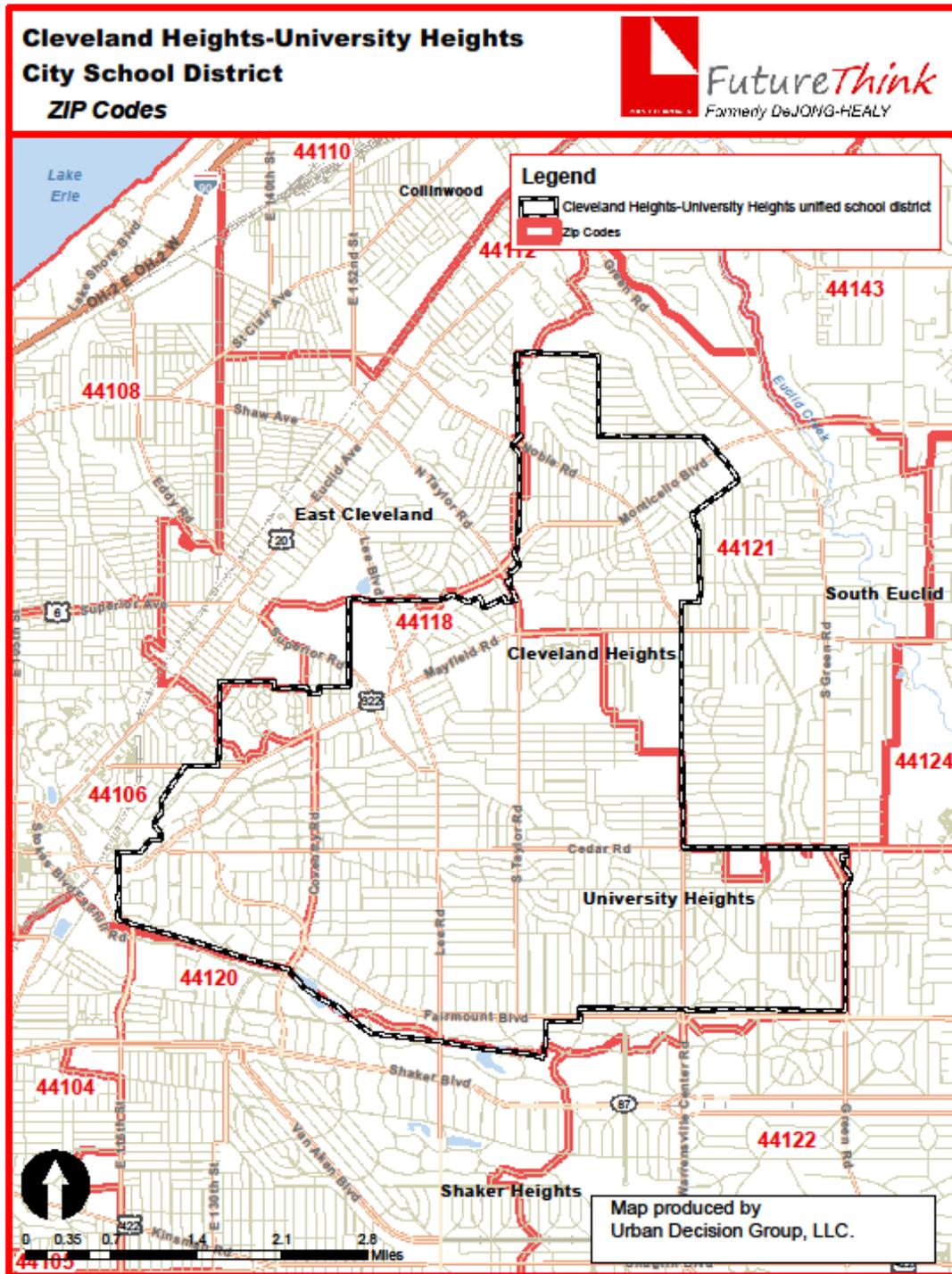
Source: Ohio Department of Health, Statistical Analysis Unit

\*preliminary

**Cleveland Heights-University Heights City School District  
Live Birth Count by Zip Code**



## Cleveland Heights-University Heights City School District



## Cleveland Heights-University Heights City School District

## DEMOGRAPHICS

The Cleveland Heights-University Heights City School District is comprised of Cleveland Heights, South Euclid, and University Heights 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	\$27,423	\$26,046
Median Household Income	\$43,804	\$48,308
Persons Below Poverty	18.3%	15.8%

Source: US Census, American Community Survey, 2013 5-Year Estimates

## Total Population

	2000 Census	2010 Census
Cuyahoga County	1,393,978	1,280,122
Cleveland Heights	49,958	46,121
South Euclid	23,537	22,295
University Heights	14,146	13,539

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

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

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

Sources of data include:

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

## Cleveland Heights-University Heights 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.*

## Cleveland Heights-University Heights 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.

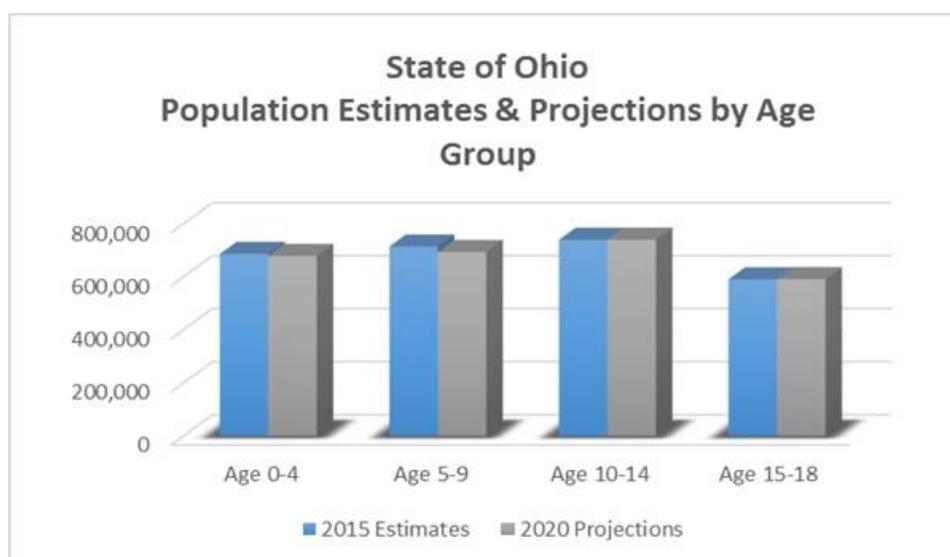
The total population in the State of Ohio is 11,609,946. This population is projected to increase by 122,243 people, or approximately 1% over a 5-year period.

The 0-18 year-old population in the State currently totals 2,730,087. This population is projected to decrease by 27,127 children, or 1 percent.

The median age is projected to increase by 1.8% from 39.6 to 40.3 years of age.

State of Ohio	2015 Estimates	2020 Projections	Change 2015-20	Change 2015-20 (%)
Total Population	11,609,946	11,732,189	122,243	1.1%
Age 0-4	686,128	678,812	-7,316	-1.1%
Age 5-9	714,217	693,271	-20,946	-2.9%
Age 10-14	739,287	740,060	773	0.1%
Age 15-18	590,455	590,817	362	0.1%
Total Age 0-18	2,730,087	2,702,960	-27,127	-1.0%
Median Age	39.6	40.3	0.7	1.8%

Source: ESRI

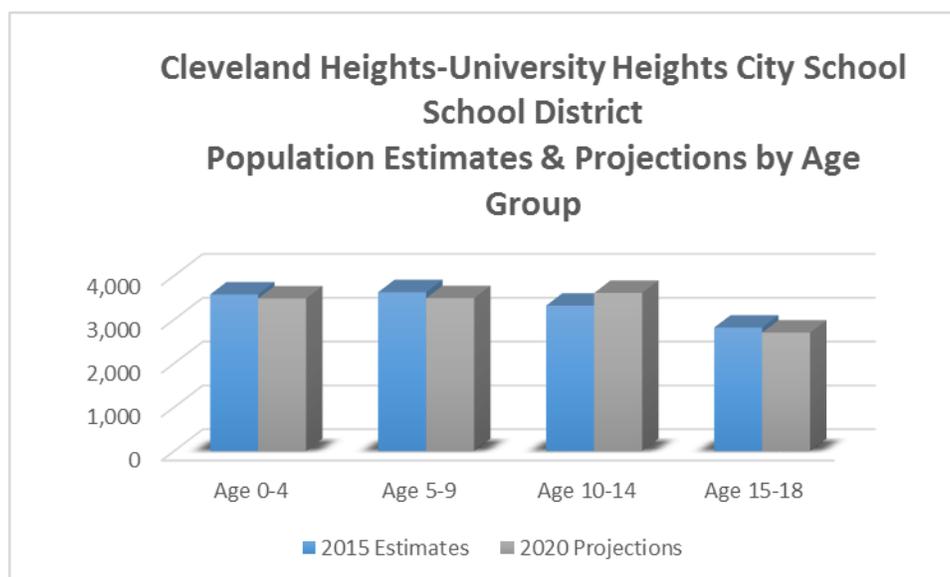


## Cleveland Heights-University Heights City School District

The total population in the District is 57,969. This population is projected to decrease by 253 people, or less than 1% over a 5-year period. The 0-18 year-old population in the District currently totals 13,332. This population is projected to decrease by 52 people, or less than 1 percent. The median age is projected to increase by approximately 2%, from 35.3 to 35.9 years of age.

Cleveland Heights-University Heights City School District	2015 Estimates	2020 Projections	Change 2015-20	Change 2015-20 (%)
Total Population	57,969	57,716	-253	-0.4%
Age 0-4	3,573	3,482	-91	-2.5%
Age 5-9	3,625	3,488	-137	-3.8%
Age 10-14	3,318	3,608	290	8.7%
Age 15-18	2,816	2,702	-114	-4.0%
Total Age 0-18	13,332	13,280	-52	-0.4%
Median Age	35.3	35.9	0.6	1.7%

Source: ESRI



## Cleveland Heights-University Heights City School District

Median and average household incomes in the State are both projected to increase by approximately 15%, over a 5-year period. Both the average family size and total number of family households are projected to increase slightly.

State of Ohio	2015 Estimates	2020 Projections	Change 2015-20	Change 2015-20 (%)
Median Household Income	\$49,011	\$56,419	\$7,408	15.1%
Average Household Income	\$66,259	\$75,997	\$9,738	14.7%
Average Family Size	3.01	3.02	0.01	0.3%
Total Family Households	2,977,183	2,981,466	4,283	0.1%

Source: ESRI

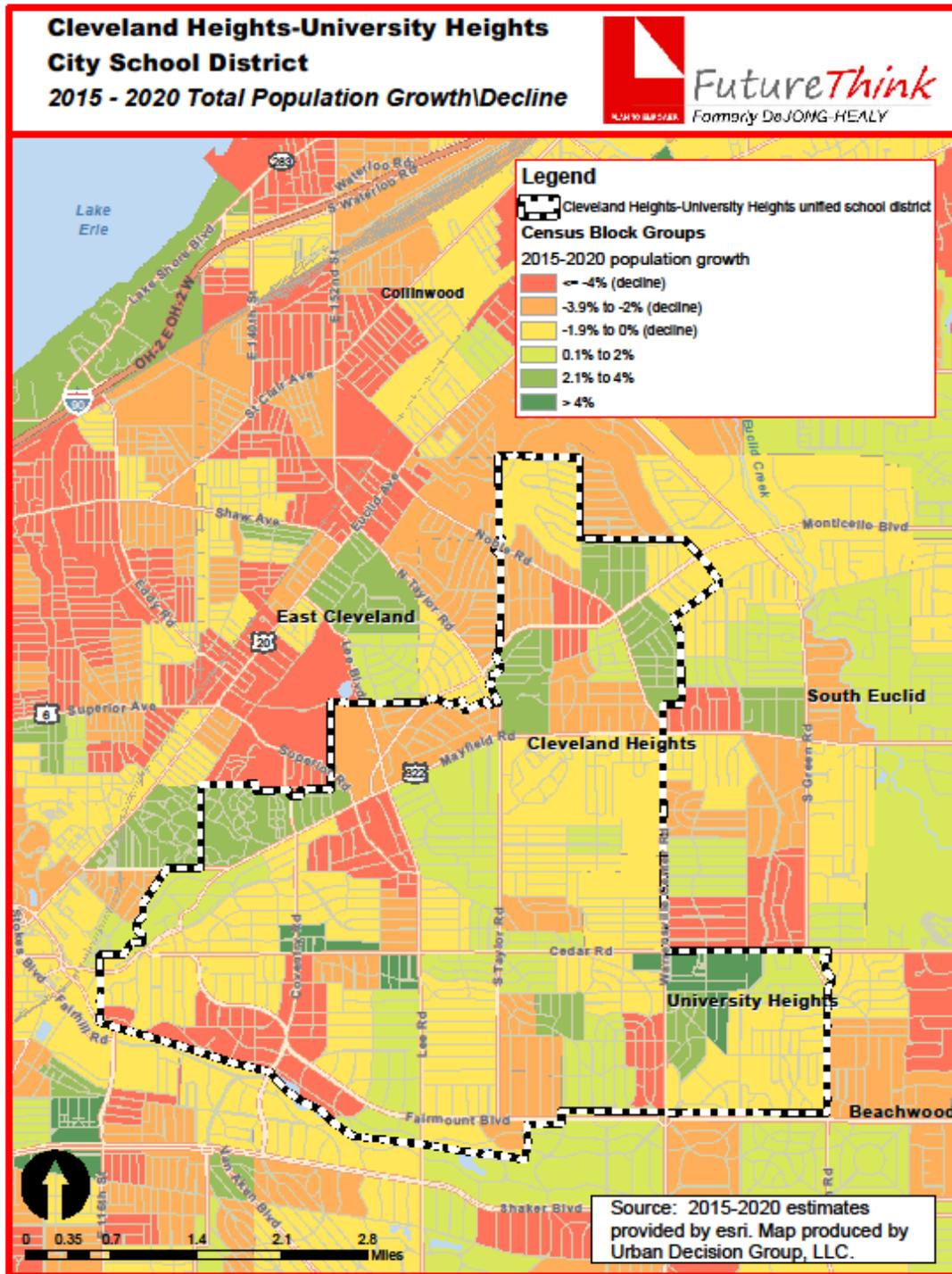
Median and average household incomes in the District are projected to increase by approximately 18% and 15%, respectively over a 5-year period. The average family size is projected to remain the same, and the number of family households is projected to decline slightly.

Cleveland Heights-University Heights City School District	2015 Estimates	2020 Projections	Change 2015-20	Change 2015-20 (%)
Median Household Income	\$53,997	\$63,605	\$9,608	17.8%
Average Household Income	\$74,308	\$85,425	\$11,117	15.0%
Average Family Size	3.07	3.07	0.00	0.0%
Total Family Households	13,151	12,968	-183	-1.4%

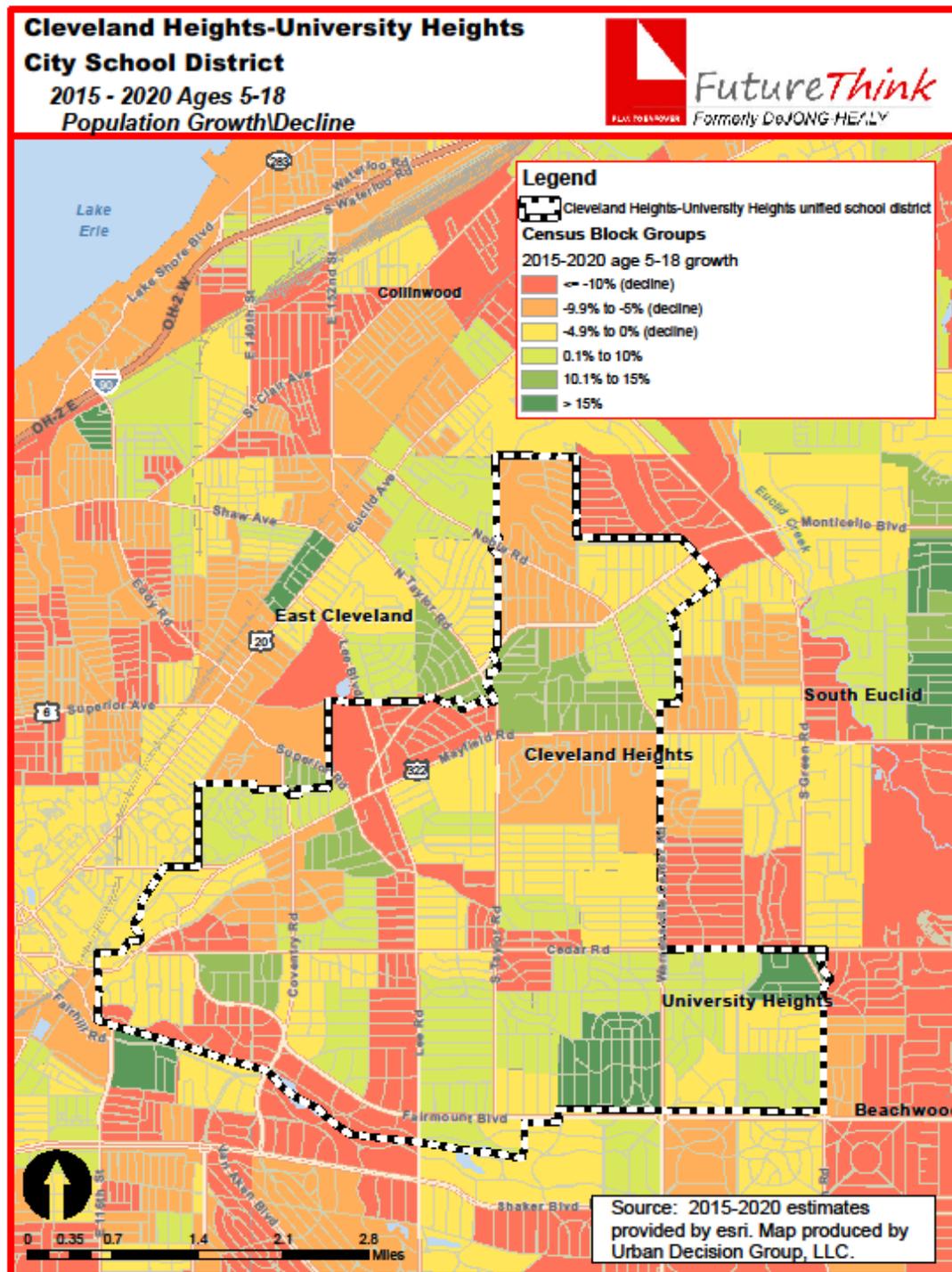
Source: ESRI

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.

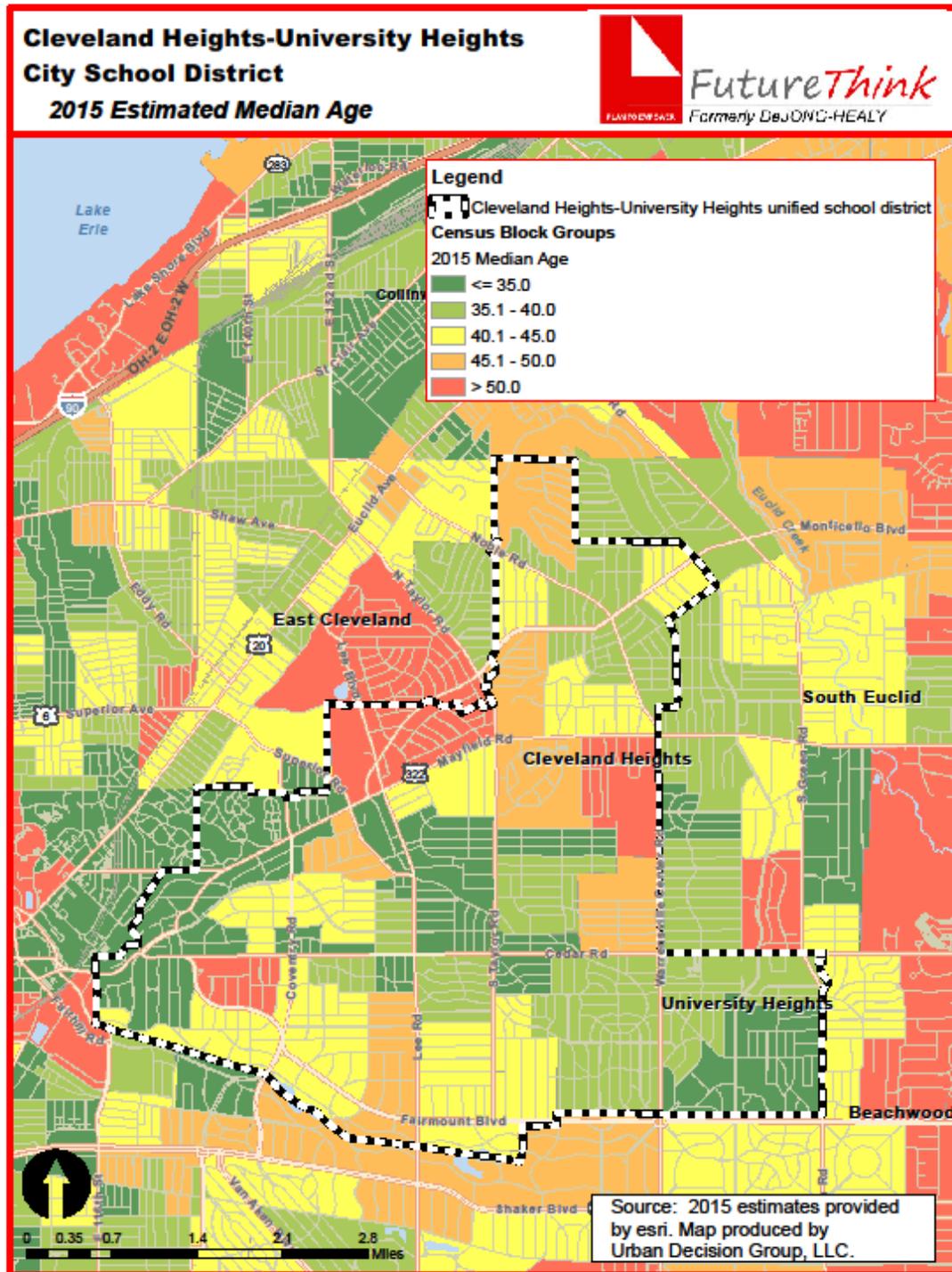
## Cleveland Heights-University Heights City School District



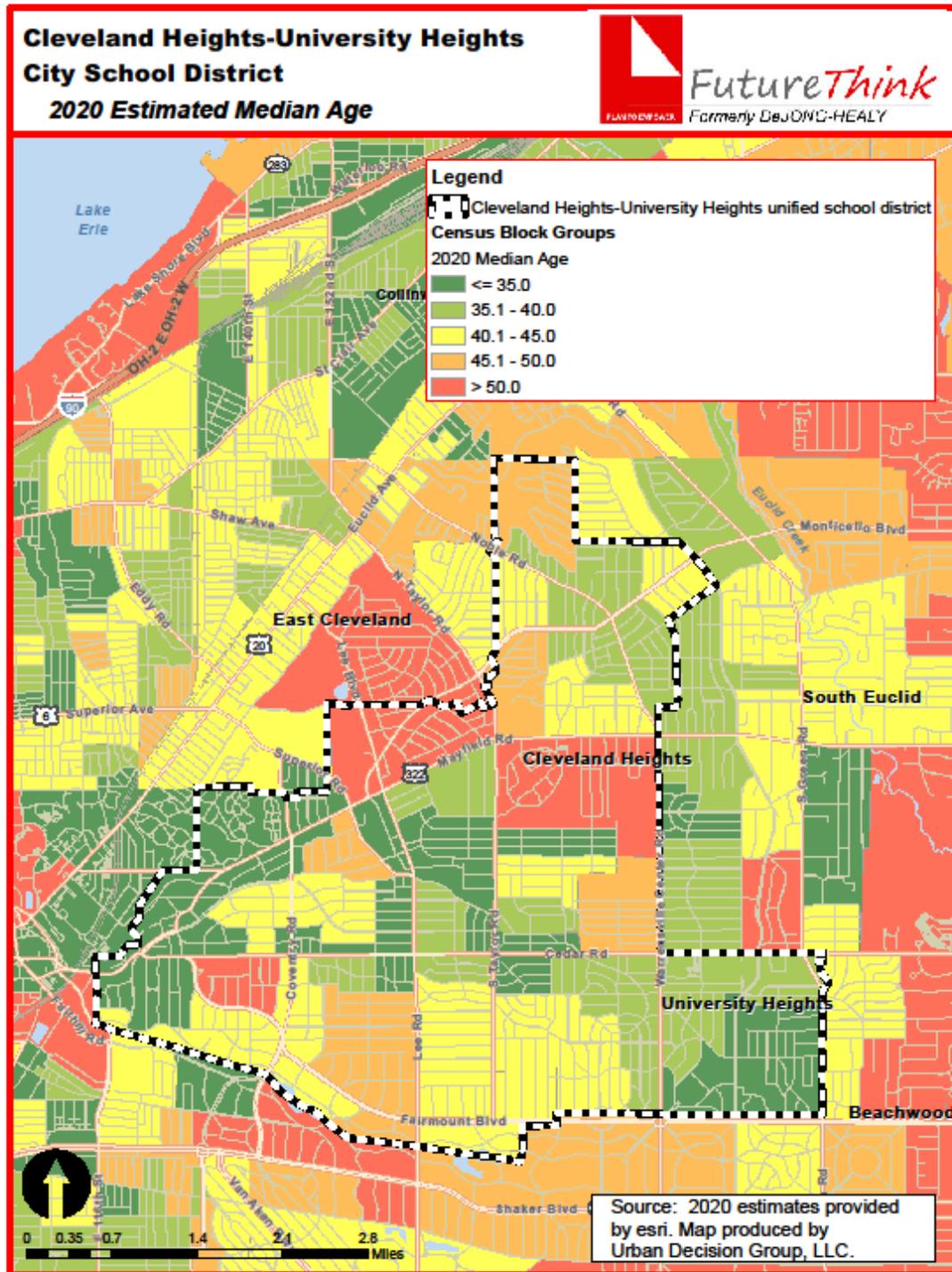
## Cleveland Heights-University Heights City School District



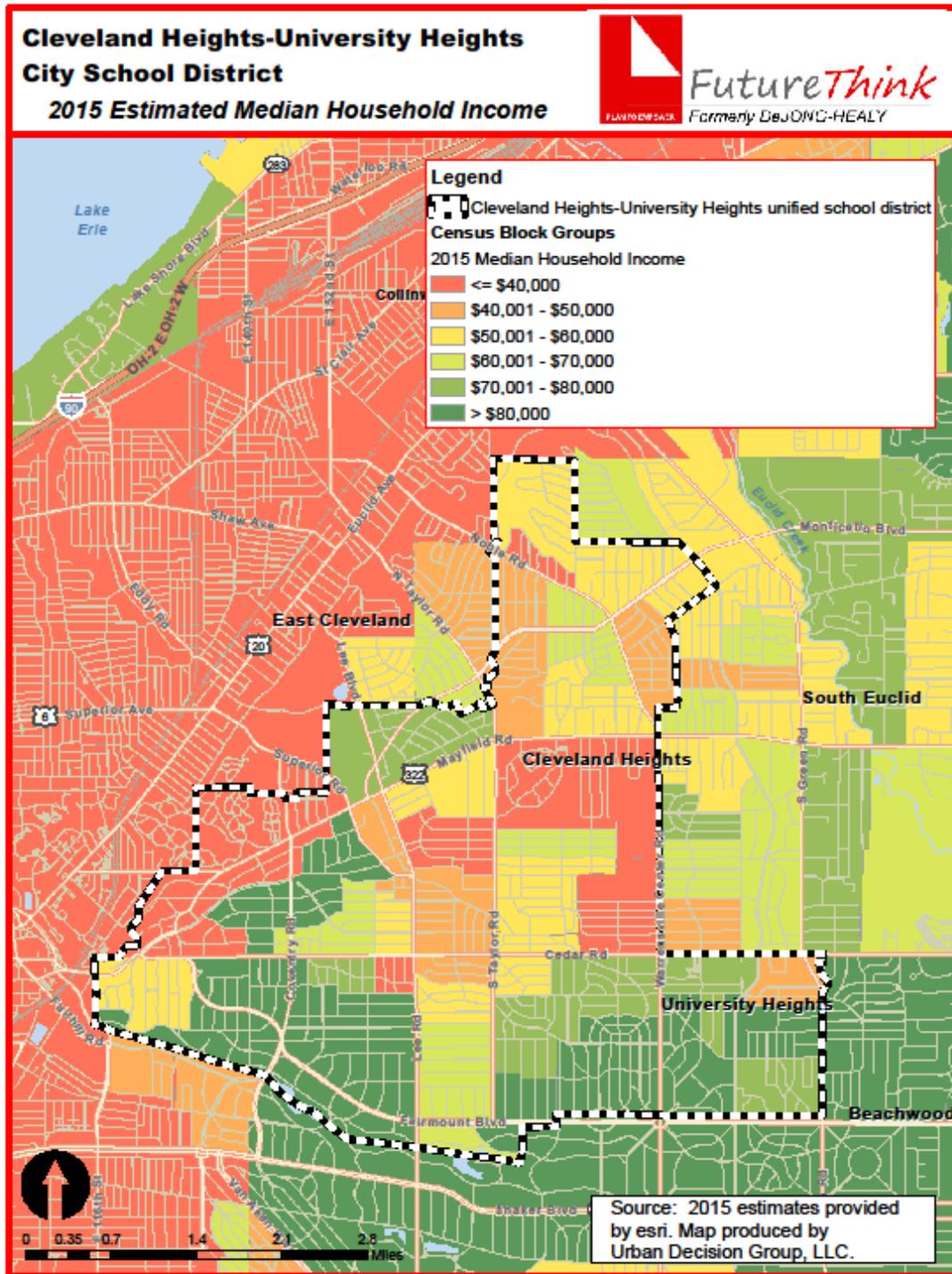
## Cleveland Heights-University Heights City School District



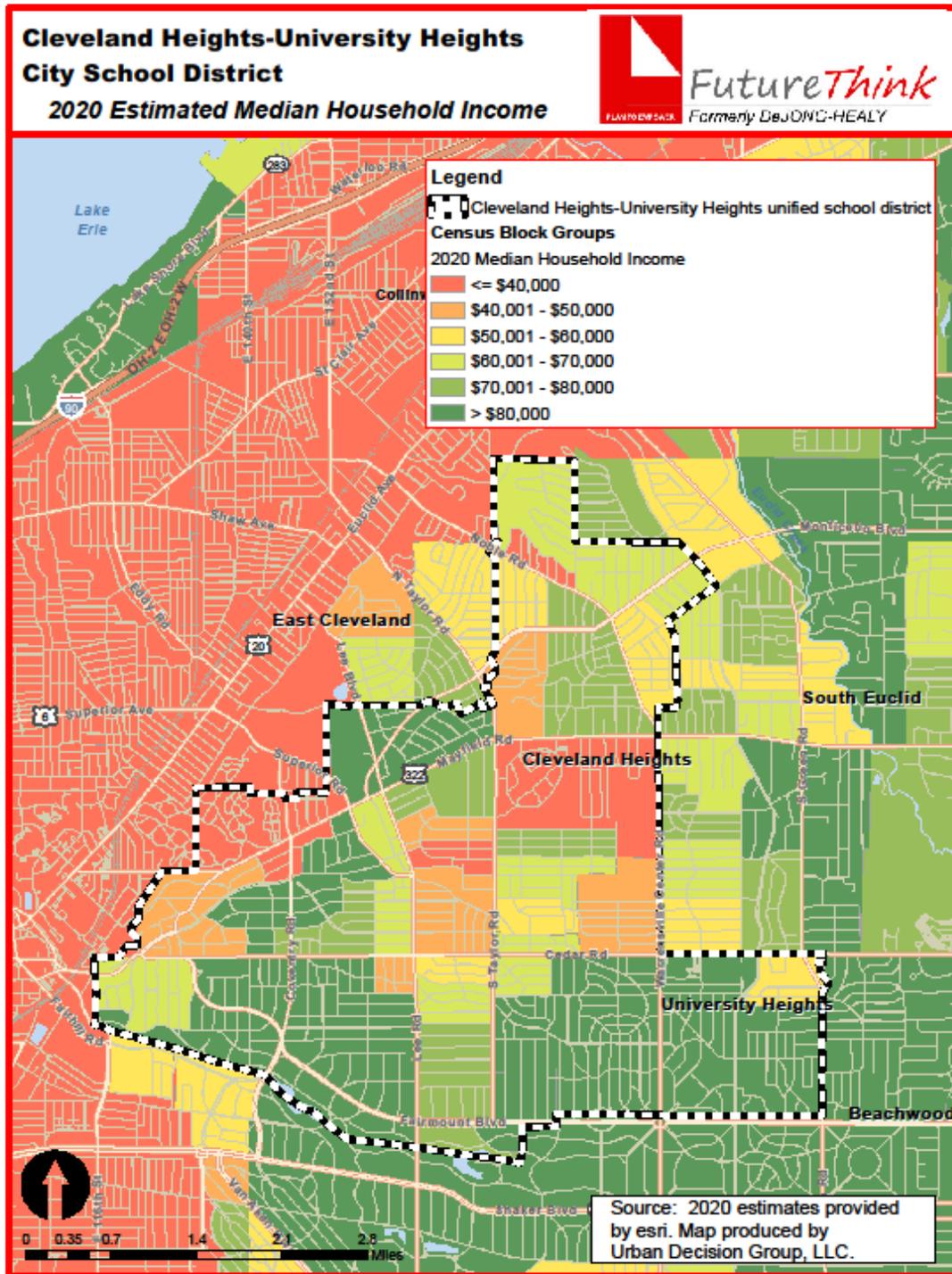
## Cleveland Heights-University Heights City School District



## Cleveland Heights-University Heights City School District



## Cleveland Heights-University Heights City School District



## Cleveland Heights-University Heights City School District

### HOUSING INFORMATION

The chart below illustrates the number of single-family dwelling building permits issued each year in Cleveland Heights, South Euclid, University Heights, and Cuyahoga County.

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

Year	Cleveland Heights	South Euclid	University Heights	Cuyahoga County
2004	34	6	0	2,010
2005	6	6	0	1,748
2006	14	7	0	1,246
2007	7	9	0	922
2008	0	12	1	542
2009	0	4	1	462
2010	1	6	0	490
2011	6	1	1	401
2012	2	4	0	488
2013	13	6	0	678
2014	9	11	0	592
2015*	0	3	0	489

Source: SOCDs Building Permits Database

\* through September 2015

## Cleveland Heights-University Heights 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 8<sup>th</sup> to 9<sup>th</sup> grade and after one year in 9<sup>th</sup> grade do not have sufficient credits to be classified as 10<sup>th</sup> graders and are counted again as 9<sup>th</sup> 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 Heights-University Heights 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
2006	2007	19.0%	105.4%	100.0%	102.4%	101.9%	98.4%	102.2%	102.0%	102.8%	133.4%	70.1%	83.3%	86.9%
2007	2008	22.7%	97.9%	101.1%	102.2%	100.9%	98.5%	99.6%	99.4%	91.9%	128.3%	78.3%	76.7%	86.3%
2008	2009	21.5%	101.7%	103.7%	95.6%	98.4%	102.7%	95.9%	105.2%	99.6%	133.0%	75.4%	77.1%	91.4%
2009	2010	23.2%	104.2%	96.0%	101.8%	103.2%	102.1%	100.4%	106.5%	101.0%	126.2%	78.2%	79.8%	84.9%
2010	2011	24.0%	98.8%	100.0%	100.0%	105.3%	96.4%	93.9%	99.6%	94.9%	125.8%	79.6%	79.6%	82.4%
2011	2012	24.3%	97.5%	100.0%	102.6%	101.7%	107.6%	106.9%	99.0%	104.2%	119.8%	80.2%	76.0%	81.3%
2012	2013	23.2%	95.6%	99.1%	106.9%	98.2%	102.4%	97.6%	102.4%	107.3%	126.3%	79.2%	70.0%	86.8%
2013	2014	22.1%	101.8%	102.5%	96.3%	97.2%	96.5%	91.1%	95.2%	96.4%	123.0%	73.6%	64.6%	93.6%
2014	2015	23.1%	94.6%	96.5%	100.2%	105.1%	94.8%	94.9%	107.2%	98.6%	113.8%	76.0%	61.1%	103.3%
	average	22.56%	99.715%	99.89%	100.9%	101.32%	99.9%	98.1%	101.8%	99.6%	125.515%	76.735%	74.239%	88.547%
	standard deviation	1.511%	3.536%	2.362%	3.233%	2.779%	3.848%	4.518%	3.725%	4.530%	5.813%	3.118%	6.988%	6.361%

## Cleveland Heights-University Heights City School District

### ENROLLMENT PROJECTION

Enrollment projections were developed after analyzing the data collected in this report. The projections indicate a decrease of 781 students in grades Pre-K through 12, not including regular Pre-K students, from the 2015-16 to the 2025-26 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2025-26 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 Cleveland Heights-University Heights City School District funds preschool through the following sources:

- General fund
- Tuition
- ECE Entitlement

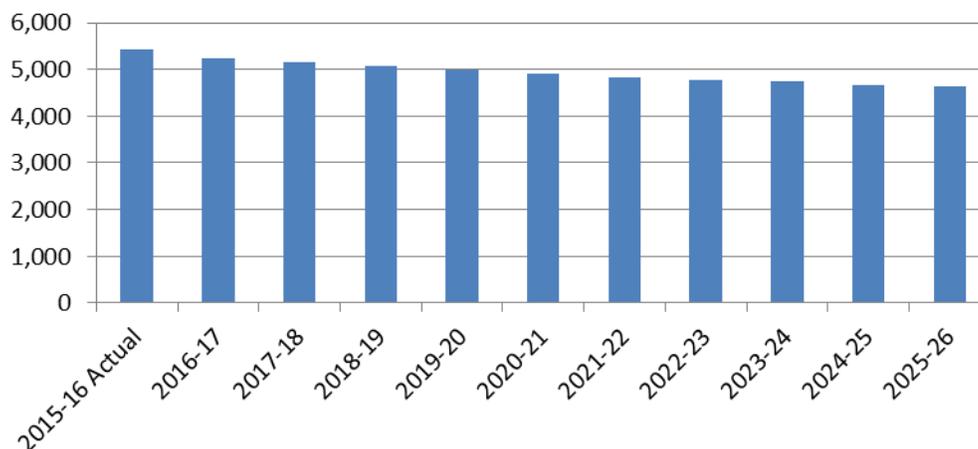
#### Kindergarten:

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

#### Career Technical:

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

**Cleveland Heights-University Heights School District  
Projected Enrollment**



## Cleveland Heights-University Heights City School District

### Cleveland Heights-University Heights City School District Projected Enrollment

Grade	2015-16 Actual	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Pre-K (ECE)	22	22	22	22	22	22	22	22	22	22	22
Pre-K (special needs)	50	44	44	44	44	44	44	44	44	44	44
K	381	364	360	360	360	362	362	362	362	362	362
1	347	374	357	354	353	354	355	355	355	355	355
2	385	347	373	356	353	353	353	354	354	354	354
3	405	391	352	379	362	358	358	358	360	360	360
4	435	412	397	357	385	367	364	363	364	365	365
5	400	424	401	387	348	375	358	354	354	354	356
6	391	383	406	383	370	333	358	342	339	338	339
7	419	396	388	411	388	375	337	363	346	343	343
8	413	418	395	386	409	387	373	336	362	345	342
9	519	502	507	479	469	497	469	453	407	439	419
10	399	404	390	395	373	365	386	365	353	317	341
11	266	261	264	255	258	243	238	252	238	230	207
12	285	252	247	249	241	244	230	225	239	225	218
<b>Pre-K - 12 Total</b>	<b>5,117</b>	<b>4,994</b>	<b>4,903</b>	<b>4,817</b>	<b>4,735</b>	<b>4,679</b>	<b>4,607</b>	<b>4,548</b>	<b>4,499</b>	<b>4,453</b>	<b>4,427</b>
Career Tech Comprehensive - Low Bay	205	170	169	167	165	161	155	158	158	151	141
Career Tech Comprehensive - High Bay	25	24	24	23	23	23	22	22	22	21	20
Career Tech Off-Site	3	2	2	2	2	2	1	2	2	1	1
Career Tech On-Site - Low Bay	63	51	51	50	50	49	47	48	48	45	43
Career Tech On-Site - High Bay	6	7	7	7	7	7	6	6	6	6	6
<b>Grand Total</b>	<b>5,419</b>	<b>5,248</b>	<b>5,156</b>	<b>5,066</b>	<b>4,982</b>	<b>4,921</b>	<b>4,838</b>	<b>4,784</b>	<b>4,735</b>	<b>4,677</b>	<b>4,638</b>

Source: FutureThink

### Cleveland Heights-University Heights City School District Projected Enrollment by Grade Group

Grade	2015-16 Actual	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Pre-K (ECE, special needs) - 5	2,425	2,378	2,306	2,259	2,227	2,235	2,216	2,212	2,215	2,216	2,218
6 - 8	1,223	1,197	1,189	1,180	1,167	1,095	1,068	1,041	1,047	1,026	1,024
9 - 12	1,469	1,419	1,408	1,378	1,341	1,349	1,323	1,295	1,237	1,211	1,185
<b>Pre-K - 12 Total</b>	<b>5,117</b>	<b>4,994</b>	<b>4,903</b>	<b>4,817</b>	<b>4,735</b>	<b>4,679</b>	<b>4,607</b>	<b>4,548</b>	<b>4,499</b>	<b>4,453</b>	<b>4,427</b>
Career Tech Comprehensive - Low Bay	205	170	169	167	165	161	155	158	158	151	141
Career Tech Comprehensive - High Bay	25	24	24	23	23	23	22	22	22	21	20
Career Tech Off-Site	3	2	2	2	2	2	1	2	2	1	1
Career Tech On-Site - Low Bay	63	51	51	50	50	49	47	48	48	45	43
Career Tech On-Site - High Bay	6	7	7	7	7	7	6	6	6	6	6
<b>Grand Total</b>	<b>5,419</b>	<b>5,248</b>	<b>5,156</b>	<b>5,066</b>	<b>4,982</b>	<b>4,921</b>	<b>4,838</b>	<b>4,784</b>	<b>4,735</b>	<b>4,677</b>	<b>4,638</b>

Source: FutureThink

## Cleveland Heights-University Heights City School District

### CONCLUSION

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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 Heights-University Heights City School District.

## Cleveland Heights-University Heights City School District

### APPENDIX

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The following document is included in the appendix:

- District Questionnaire

The July 2013 Enrollment Projection Report is available upon request.

District Questionnaire for Cleveland Heights-University Heights City of Cuyahoga County (43794)  
[Thealy]

District Questionnaire has been submitted for review

## Enrollment Report For Cleveland Heights-University Heights City of Cuyahoga County (43794)

### Contact Information

Superintendent Name: Talisa Dixon  
 Superintendent Email: t\_dixon@chuh.org  
 Superintendent Phone: (216) 371-7171  
 Contact Name (if different from Superintendent): Stephen Shergalis  
 Contact Title:  
 Contact Email: s\_shergalis@chuh.org  
 Contact Phone: (216) 371-7171

### K12 Enrollment

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
<b>K</b>	426	385	422	407	411	445	412	392	367	381
<b>1</b>	417	449	377	429	424	406	434	394	399	347
<b>2</b>	423	417	454	391	412	424	406	430	404	385
<b>3</b>	462	433	426	434	398	412	435	434	414	405
<b>4</b>	491	471	437	419	448	419	419	427	422	435
<b>5</b>	460	483	464	449	428	432	451	429	412	400
<b>6</b>	497	470	481	445	451	402	462	440	391	391
<b>7</b>	502	507	467	506	474	449	398	473	419	419
<b>8</b>	518	516	466	465	511	450	468	427	456	413
<b>9</b>	692	691	662	620	587	643	539	591	525	519
<b>10</b>	430	485	541	499	485	467	516	427	435	399
<b>11</b>	442	421	423	467	485	467	452	494	380	413
<b>12</b>	414	403	381	430	437	412	401	415	442	371
<b>Ungraded</b>	1	0	0	0	5	9	2	6	10	0
<b>Total</b>	<b>6175</b>	<b>6131</b>	<b>6001</b>	<b>5961</b>	<b>5956</b>	<b>5837</b>	<b>5795</b>	<b>5779</b>	<b>5558</b>	<b>5278</b>

### All Day Kindergarten

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

yes

**Preschool Enrollment**

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

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

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

Do you house Early Childhood Education (ECE) students in your facilities?  
yes

Please provide ECE enrollment data:

Grade	2006 -2007	2007 -2008	2008 -2009	2009 -2010	2010 -2011	2011 -2012	2012 -2013	2013 -2014	2014 -2015	2015 -2016
ECE	43	41	29	48	41	45	46	45	38	22

Is your District the ECE grantee yes

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

Please provide enrollment data:

Grade	2006 -2007	2007 -2008	2008 -2009	2009 -2010	2010 -2011	2011 -2012	2012 -2013	2013 -2014	2014 -2015	2015 -2016
Pre-K with disabilities	79	69	80	74	59	54	50	41	45	50

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	2006 -2007	2007 -2008	2008 -2009	2009 -2010	2010 -2011	2011 -2012	2012 -2013	2013 -2014	2014 -2015	2015 -2016
Pre-K Other (not disabled, not enrolled in ECE, or Federal Head Start)	37	34	29	42	33	31	30	28	28	29

**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 19 to 1
- 4-5 18 to 1
- 6-8 14 to 1
- 9-12 16 to 1

**Grade Configurations**

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

Code	K-5	6-8	9-12
IE13	124	62	92
IE14	101	101	144
IE15	48	37	57
<b>Total</b>	<b>273</b>	<b>200</b>	<b>293</b>

\*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 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014	Enrolled 2014-2015	Enrolled 2015-2016
PreK	0	0	0	0	0	0	0	0	0	0
K	24	20	12	28	16	19	27	34	67	0
1	24	14	22	22	16	19	16	36	55	0
2	12	22	13	19	15	14	21	37	60	0
3	27	15	8	18	21	17	12	25	43	0
4	19	19	12	20	16	18	19	18	43	0
5	32	22	14	20	18	13	15	24	40	0
6	22	24	20	31	31	30	17	30	44	0
7	24	23	22	17	29	30	22	31	48	0
8	33	27	20	26	16	28	24	29	37	0
9	95	121	71	93	67	50	46	67	50	0
10	73	48	45	52	44	32	35	45	43	0
11	29	38	21	45	32	32	35	31	33	0
12	35	32	23	34	35	29	22	20	30	0
Ungraded	1	3	3	4	2	3	0	3	1	0
<b>Total</b>	<b>450</b>	<b>428</b>	<b>306</b>	<b>429</b>	<b>358</b>	<b>334</b>	<b>311</b>	<b>430</b>	<b>594</b>	<b>0</b>

**Open Enrollment (In)**

Grade	Enrolled 2006-2007	Enrolled 2007-2008	Enrolled 2008-2009	Enrolled 2009-2010	Enrolled 2010-2011	Enrolled 2011-2012	Enrolled 2012-2013	Enrolled 2013-2014	Enrolled 2014-2015	Enrolled 2015-2016
Prek	0	0	0	0	0	0	0	0	0	0
K	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0

6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0
Ungraded	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0

**Open Enrollment (Out)**

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Prek	0	0	0	0	0	0	0	0	0	0
K	2	1	3	1	2	10	1	4	7	0
1	1	1	3	2	3	11	9	6	11	0
2	2	0	1	2	4	4	11	13	6	0
3	1	2	2	0	2	13	5	12	16	0
4	0	0	1	1	1	4	12	6	11	0
5	0	0	0	0	3	2	2	12	8	0
6	1	0	2	2	2	3	3	3	14	0
7	0	0	5	3	2	1	3	2	2	0
8	0	1	2	6	2	2	1	2	3	0
9	4	3	19	12	12	11	5	10	3	0
10	1	4	7	7	13	19	12	8	13	0
11	2	1	7	7	7	14	13	12	10	0
12	3	1	9	10	6	11	9	10	13	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	17	14	61	53	59	105	86	100	117	0

**JVS Enrollment**

Does your District belong to a JVSD? no

**Career Technical Compact Enrollment**

Does your District belong to a Compact? yes  
 Please select the districts in your compact.  
 Shaker Heights City  
 Warrensville Heights City  
 Cleveland Heights-University Heights City

Please provide enrollment for students leaving to attend a career tech program at any of the districts in your compact.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Off-Site Career Tech 11th	2	4	2	2	3	0	0	0	0	2
Off-Site Career Tech 12th	0	1	2	2	0	1	2	0	0	1
Total	2	5	4	4	3	1	2	0	0	3

### 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 **M1 (17.2602)** -**Cosmetology-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	12	16	17	10	12	12	5	11	13	14
Comprehensive Career Tech 12	16	12	12	15	8	10	12	5	7	11
<b>Total</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>25</b>	<b>20</b>	<b>22</b>	<b>17</b>	<b>16</b>	<b>20</b>	<b>25</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	11	9	12	9	10	9	13	7	6	16
OnSite Career Tech 12	9	7	10	12	8	8	5	8	6	4
<b>Total</b>	<b>20</b>	<b>16</b>	<b>22</b>	<b>21</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>15</b>	<b>12</b>	<b>20</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **T3 (17.0302)** -**Auto Technology-Program Type 6** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	23	23	12	12	11	14	6	16	12	15
Comprehensive Career Tech 12	14	14	14	12	11	6	18	9	13	10
<b>Total</b>	<b>37</b>	<b>37</b>	<b>26</b>	<b>24</b>	<b>22</b>	<b>20</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>25</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	4	1	3	4	3	7	6	4	2	4
OnSite Career Tech 12	2	2	0	1	1	2	6	3	3	2
<b>Total</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>5</b>	<b>6</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **C1 (14.0800)** -**Business Management-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	16	15	11	12	11	5	10
Comprehensive Career Tech 12	0	0	0	10	9	8	6	10	11	6
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>24</b>	<b>19</b>	<b>18</b>	<b>21</b>	<b>16</b>	<b>16</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	4	2	2	0	1	2	1
OnSite Career Tech 12	0	0	0	1	1	1	1	0	1	2
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **J6 (07.0410)** -**Exercise Science and Sports Medicine-Program Type 2** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	0	0	10	11	10	3	15
Comprehensive Career Tech 12	0	0	0	0	0	4	11	5	5	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>22</b>	<b>15</b>	<b>8</b>	<b>18</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	0	0	1	1	3	1	4
OnSite Career Tech 12	0	0	0	0	0	0	0	0	2	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>4</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **S4 (04.0810) -Marketing Management-Program Type 3** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	0	14	6	3	9	7	13
Comprehensive Career Tech 12	0	0	0	0	16	12	9	11	11	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>18</b>	<b>12</b>	<b>20</b>	<b>18</b>	<b>16</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	0	0	4	0	0	1	0
OnSite Career Tech 12	0	0	0	0	0	1	4	5	1	4
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>4</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **N2 (14.0220) -Network Systems-Program Type 1** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	17	14	6	19	8	14	9	10	12
Comprehensive Career Tech 12	0	1	13	11	7	14	7	13	9	11
<b>Total</b>	<b>0</b>	<b>18</b>	<b>27</b>	<b>17</b>	<b>26</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>19</b>	<b>23</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	1	3	0	1	2	6	6	3
OnSite Career Tech 12	0	0	0	0	1	0	1	2	5	6
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>9</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **JG (07.0912)** -Pharmacy Technician-Program Type 2 program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	3	6	4	12	4	11	15	11	12
Comprehensive Career Tech 12	14	23	14	15	10	10	4	9	15	9
<b>Total</b>	<b>14</b>	<b>26</b>	<b>20</b>	<b>19</b>	<b>22</b>	<b>14</b>	<b>15</b>	<b>24</b>	<b>26</b>	<b>21</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	1	4	5	5	6	3	1	4
OnSite Career Tech 12	2	4	1	2	7	2	3	5	2	1
<b>Total</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>12</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>3</b>	<b>5</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **JL (07.4830)** -Therapeutic Pathway-Program Type 2 program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	0	1	0	17	14	7	10
Comprehensive Career Tech 12	0	0	17	25	22	12	8	13	7	6
<b>Total</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>25</b>	<b>23</b>	<b>12</b>	<b>25</b>	<b>27</b>	<b>14</b>	<b>16</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	0	0	0	5	5	5	5
OnSite Career Tech 12	0	0	5	4	8	5	3	5	4	4
<b>Total</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>10</b>	<b>9</b>	<b>9</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **P1 (17.2802)** -**Criminal Justice-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	0	0	16	18	18	15	16
Comprehensive Career Tech 12	0	0	0	0	0	7	10	13	11	9
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>28</b>	<b>31</b>	<b>26</b>	<b>25</b>

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	0	0	3	2	2	4	3
OnSite Career Tech 12	0	0	0	0	0	2	0	2	0	2
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>5</b>

Do your district's students attend this program in your facilities? If so, please enter the 10-year enrollment numbers for the **B0 (34.0115)** -**Media Arts-Program Type 4** program. Please use your official October enrollment data to update the table:

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
Comprehensive Career Tech 11	0	0	0	0	0	0	0	20	21	28
Comprehensive Career Tech 12	0	0	0	0	0	0	0	19	15	17
<b>Total</b>	<b>0</b>	<b>39</b>	<b>36</b>	<b>45</b>						

Do you have students from outside districts coming to your district **ONLY** to take this career tech program? yes  
Please enter the **On-Site** enrollment for the above program in the table below.

Grade	Enrolled 2006 -2007	Enrolled 2007 -2008	Enrolled 2008 -2009	Enrolled 2009 -2010	Enrolled 2010 -2011	Enrolled 2011 -2012	Enrolled 2012 -2013	Enrolled 2013 -2014	Enrolled 2014 -2015	Enrolled 2015 -2016
OnSite Career Tech 11	0	0	0	0	0	0	0	8	3	2
OnSite Career Tech 12	0	0	0	0	0	0	0	0	5	2
<b>Total</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>4</b>						

## Boundaries

Please list municipalities, townships, and any additional counties within the boundaries of your school district: Cleveland Heights - Some addresses in Cleveland Hts are NOT in the CHUH school district. University Heights - ALL addresses. South Euclid - A FEW South Euclid addresses ARE in the CHUH district.

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] Community school and open enrollment information cannot be confirmed for 14-15 as data is still being reported by districts/community schools. In addition, the database for 15-16 community schools has not opened at this time, so we have no idea how many community school students are enrolled for 15-16.

## 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](mailto:thealy@futurethinkinc.com), 614-264-2638) with any questions or concerns regarding the District Questionnaire.**

**Comments or Suggestions Regarding OSFC Website**