

FINAL REPORT



Rocky River City School District

Cuyahoga County Enrollment Projections December 20, 2024

INTRODUCTION

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

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

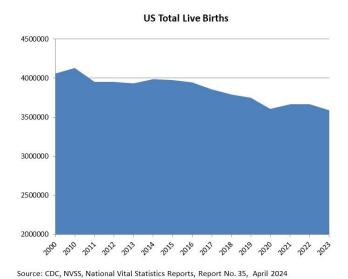
- Live birth data
- ▶ Historical enrollment
- Community school enrollment
- Open enrollment
- Community demographics
- Housing information

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.



NATIONAL & OHIO TRENDS IN ENROLLMENT

The United States as a whole continues to undergo major shifts in public student enrollment. Births are a significant part of this shift. From 2000 to 2010, births increased then declined until 2014 when there was a slight uptick. Since 2014, there has been steady decline reaching an all-time low in 2020. The decrease from 2019 to 2020 was approximately 4 percent. However, in 2021, there was a slight uptick of 1.5 percent. Since, birth counts have dropped in 2022 and 2023.



From 2007 to 2011, Ohio births declined by 12,760 and then somewhat leveled off through 2014. Since 2014, births have dropped each year with a slight uptick from 2020 to 2021. From 2022 to 2023, births declined by almost 1,500 or one percent.

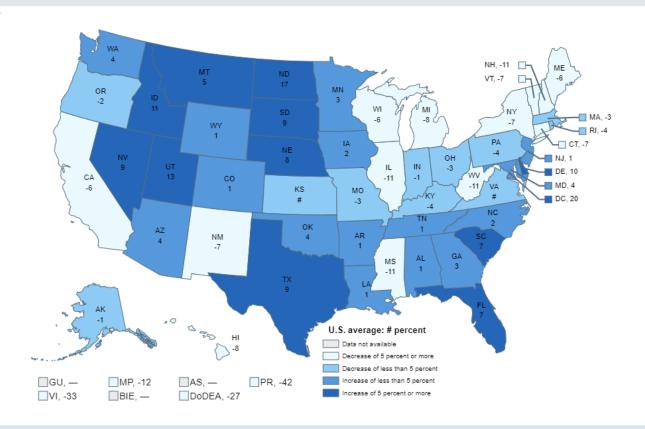
Ohio Birth Counts 160,000 150,000 140,000 120,000 110,000 110,000



In addition to births dropping in Ohio, the state is also aging. The median age in 2023 was 39.9 years of age while the national median age was 38.9 years. In 2010, the median age in Ohio was 38.3 years.

The figure below illustrates the change in Pre-K - 12 public school enrollment from the 2012-13 to the 2022-23 school year. States with growth in enrollment were primarily in the southeast and west. Ohio experienced a decrease of 3 percent.

Figure 2. Percentage change in public elementary and secondary school enrollment, by state or jurisdiction: Fall 2012 to fall 2022



Not available.

Rounds to zero.

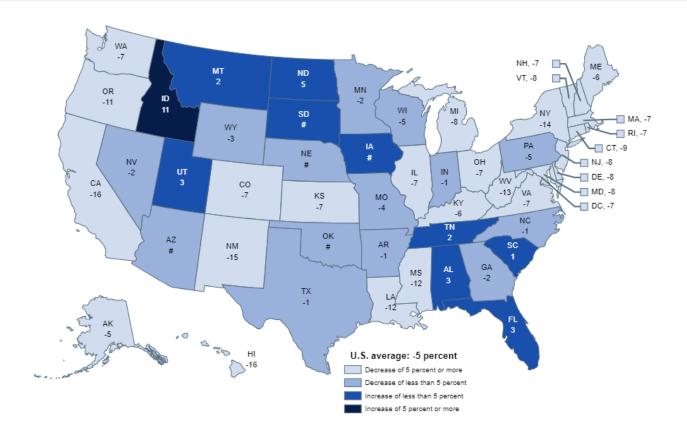
NOTE: U.S. average is for the 50 states and the District of Columbia. Data include both traditional public schools and public charter schools. Includes imputations for nonreported prekindergarten enrollment in California and Oregon for fall 2022. Figures are plotted based on unrounded data.

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 2022–23. Department of Defense Education Activity (DoDEA) Data Center, Enrollment Data, 2012 and 2022, retrieved December 12, 2022, from https://www.dodea.edu/datacenter/enrollment.cfm. See *Digest of Education Statistics* 2023, table 203.20.



The figure below illustrates the projected change in Pre-K-12 public school enrollment from the 2022-23 to the 2031-32 school year. Growth is expected in only 10 states over this time period. Ohio is projected to experience a decrease of 7 percent.

Figure 3. Projected percentage change in public elementary and secondary school enrollment, by state: Fall 2022 to fall 2031



Rounds to zero.

NOTE: U.S. average is for the 50 states and the District of Columbia. Projected enrollment data are not available for the other U.S. jurisdictions. Data include both traditional public schools and public charter schools. Includes imputations for nonreported prekindergarten enrollment in California and Oregon for fall 2022. Projections in this figure were calculated after the onset of the coronavirus pandemic and take into account the expected impacts of the pandemic. Projections for fall 2023 through fall 2031 are based on historical data through fall 2021, only. Figures are plotted based on unrounded data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2022–23; and State Public Elementary and Secondary Enrollment Projection Model, through 2031. See Digest of Education Statistics 2023, table 203.20.





The figure below illustrates the change in Pre-K-12 public school enrollment from the 2019-20 to the 2022-23 school year. All but 5 states lost enrollment during the "Covid years." Ohio lost less than 1 percent.

Figure 1. Percentage Change in Public School Enrollment Between Fall 2019 and 2022

NOTE: "Fall 2019 enrollment for California and fall 2022 enrollment for California and Orgon include imputations for non reported prekindergarten enrollment.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2019-20 and 2022-23; Department of Defense Education Activity (DoDEA) Data Center, Enrollment Data, fall 2019 and fall 2022, retrieved December 12, 2022, from https://dodea.edu/education/research-accountability-and-evaluation/enrollment-management.



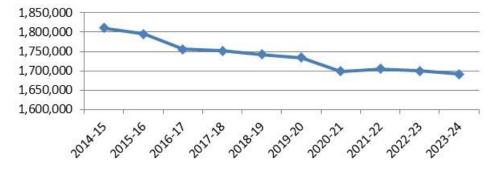
From 2014-15 to 2023-24, public school enrollment declined by 118,851 students or approximately 7% statewide. In 2021-22, there was a slight uptick of 5,810 or less than 0.5 percent.

Ohio Public School Enrollment 2014-15 - 2023-24

Year	October Headcount*
2014-15	1,810,577
2015-16	1,795,339
2016-17	1,755,552
2017-18	1,751,888
2018-19	1,742,715
2019-20	1,733,911
2020-21	1,698,925
2021-22	1,704,735
2022-23	1,699,957
2023-24	1,691,726

Source: Ohio Department of Education *includes grades K-12 and ungraded

Ohio Public School Enrollment





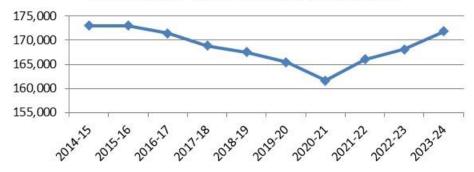
From 2014-15 to 2020-21, non-public school enrollment declined by 12,302 students or approximately 7 percent. However, enrollment has increased each year since 2021-22. From 2020-21 to 2023-24, non-public school enrollment has increased by over 10,000 students or approximately 6 percent.

Ohio Chartered Non-Public School Enrollment 2014-15 - 2023-24

Year	October ADM*
2014-15	173,030
2015-16	172,990
2016-17	171,426
2017-18	168,857
2018-19	167,558
2019-20	165,511
2020-21	161,664
2021-22	166,013
2022-23	168,111
2023-24	171,830

Source: Ohio Department of Education

Ohio Non-Public School Enrollment





^{*}includes grades K-12



Out of 609 school districts, only 79 (or approximately 13%) gained enrollment in grades K - 12 from the 2013-14 to the 2022-23 school year and 2 districts experienced neither gain or loss in enrollment.

Of the 527 school districts who lost enrollment, 56 (or approximately 11%) lost less than 5 percent, and 133 districts (or approximately 25%) lost between 5 and 10 percent. Approximately 45% (or 239 districts) lost between 11 and 20 percent, and approximately 19% (or 99 districts) lost more than 20 percent.

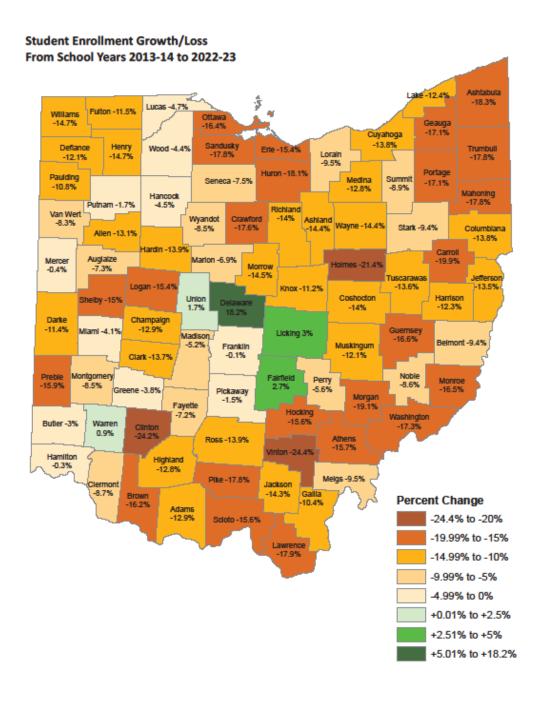
For those districts that gained enrollment, 31 (or approximately 39%) increased by less than 5 percent, and 24 (or approximately 30%) increased between 5 and 10 percent. Fifteen districts (or approximately 19%) increased between 10 and 20%, and 9 districts (or approximately 11%) increased over 20 percent.

Analyzing enrollment from a county perspective, only 5 of the 88 counties in Ohio gained K – 12 enrollment from the 2013-14 to the 2022-23 school year: Delaware, Licking, Fairfield, Union, and Warren.

County	2022-23 K-12 Total	2013-14 K-12 Total	Difference	%
Delaware	34,167	28,918	5,249	18%
Licking	27,442	26,652	790	3%
Fairfield	25,339	24,661	678	3%
Union	7,851	7,720	131	2%
Warren	36,697	36,353	344	1%

Vinton County had the highest percentage loss of students at 24.4 percent. Sixty-five percent of the counties (57 total) experienced a decline of greater than 10 percent. The map on the following page illustrates the gain/loss for each county from the 2013-14 to 2022-23 school year.







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.

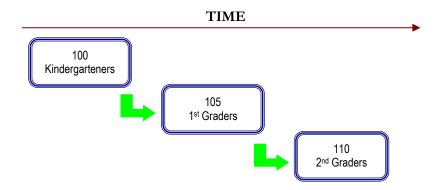
When looking ahead at a school district's enrollment over the next two, five, or ten years, it is helpful to approach the process from a global perspective. For example: How many new homes have been constructed each year? How many births have occurred each year in relation to the resident population?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



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.

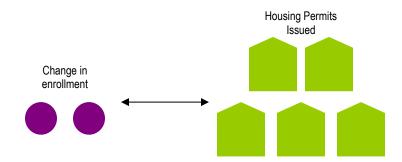
The cohort survival method is useful in areas where population is stable [relatively flat, growing steadily, or declining steadily], and where there have been no significant fluctuations in enrollment, births, and housing patterns from year to year.





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.



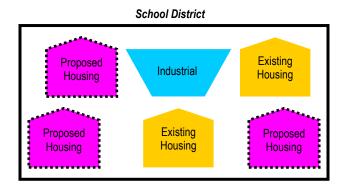
Once yield factors are established, the number of new students per year can be estimated by multiplying the yield factor by the number of projected new housing units. This method is effective when the rate of kindergarten enrollment far exceeds the live birth counts.

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.



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 Rocky River City School District.



HISTORICAL ENROLLMENT

Over the past ten years, student enrollment in the Rocky River City School District has decreased by 183 students in grades Pre-K-12, including ungraded and career technical students. Total enrollment for the 2024-25 school year is 2,583 students.

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

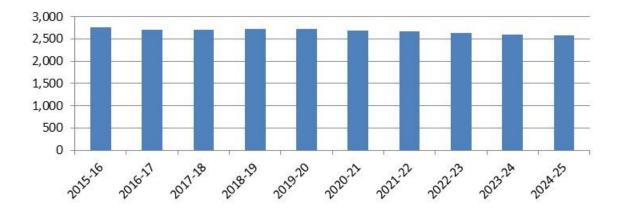
- Pre-K − 100%
- K-2 10%
- 3-5 11%
- 6-8 11%
- 9-12 11%

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

- Pre-K − 0%
- K-2 − 1%
- 3-5 1%
- 6-8 1%
- 9-12 1%

The following graph illustrates the District's Pre-K – 12 enrollment history from 2015-16 through 2024-25.

Rocky River City School District Historical Enrollment





The following tables illustrate the District's enrollment history from 2015-16 through 2024-25.

Rocky River City School District

Historical Enrollment

Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Pre-K (regular)*	24	38	39	43	40	0	47	33	30	36
Pre-K (special needs)	43	34	36	42	37	45	49	43	48	43
K	155	134	157	176	186	155	172	176	193	188
1	184	166	164	183	194	203	185	189	185	193
2	202	185	163	173	195	196	200	183	192	189
3	201	202	194	169	174	190	193	203	181	195
4	214	201	208	202	171	177	194	198	205	185
5	220	218	205	205	206	177	172	193	202	204
6	227	237	224	217	214	211	177	177	198	201
7	216	223	236	212	221	215	212	178	177	190
8	214	213	228	239	217	228	202	215	173	178
9	219	205	222	221	225	213	218	194	197	163
10	214	220	199	223	230	229	208	223	195	202
11	206	196	209	191	207	218	209	202	204	176
12	207	206	204	210	191	212	212	207	199	208
Pre-K - 12 Total	2,746	2,678	2,688	2,706	2,708	2,669	2,650	2,614	2,579	2,551
Ungraded	1	0	0	0	0	0	0	0	0	1
Career Tech Off-Site	19	22	24	25	22	13	21	23	23	31
Grand Total	2,766	2,700	2,712	2,731	2,730	2,682	2,671	2,637	2,602	2,583

Source: Ohio Department of Education, Rocky River City School District

Rocky River City School District

Historical Enrollment by Grade Group

C	2045 46	2046 47	2047.40	2040.40	2040.20	2020.24	2024 22	2022.22	2022.24	2024.25
Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Pre-K (special needs)	43	34	36	42	37	45	49	43	48	43
K - 2	541	485	484	532	575	554	557	548	570	570
3 - 5	635	621	607	576	551	544	559	594	588	584
6 - 8	657	673	688	668	652	654	591	570	548	569
9 - 12	846	827	834	845	853	872	847	826	795	749
Pre-K - 12 Total	2,722	2,640	2,649	2,663	2,668	2,669	2,603	2,581	2,549	2,515
Ungraded	1	0	0	0	0	0	0	0	0	1
Career Tech Off-Site	19	22	24	25	22	13	21	23	23	31
Grand Total	2,742	2,662	2,673	2,688	2,690	2,682	2,624	2,604	2,572	2,547

Source: Ohio Department of Education, Rocky River City School District



^{*}regular Pre-K enrollment is not included in grade group table above or in the projected enrollment figures

COMMUNITY SCHOOL ENROLLMENT

From 2013-14 to 2022-23, community school enrollment decreased by approximately 8% from 120,893 students in 395 community schools to 112,238 students in 334 community schools. However, there was an increase of 11% in enrollment from the 2019-20 to the 2020-21 school year. Enrollment declined by over 2,000 students from 2020-21 to 2021-22, but the number of community schools increased to 324.

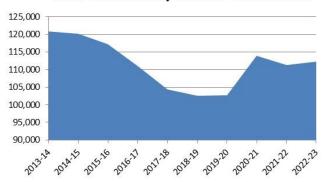
State of Ohio Community School Enrollment (Pre-K - 12)

Grade 2013-14 2014-15 2015-16 2016-17 2018-19 2019-20 2020-21 2021-22 2022-23 2017-18 **Grand Total** 120,893 120,200 117,282 110,961 104,380 102,563 102,654 113,900 111,370 112,238

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2022-23

FTE students

Ohio Community School Enrollment

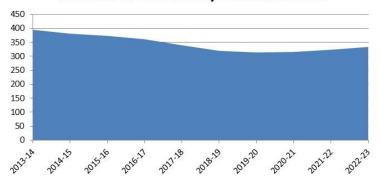


State of Ohio Number of Community Schools

Grade 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 2020-21 2021-22 2022-23 395 381 362 320 315 324 334 **Grand Total** 373

Source: Ohio Department of Education, Ohio Community Schools Annual Report 2022-23

Number of Community Schools in Ohio





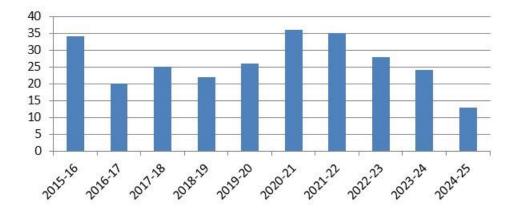
Since 2015-16, the number of Rocky River City School District students attending community schools has decreased from 34 to 13 students with some fluctuation. Enrollment of Rocky River City School District students attending community schools should be closely monitored as it may have a significant impact on District enrollment in the future.

Rocky River City School District Community School Enrollment

Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Pre-K	0	0	0	0	0	0	0	0	0	0
K	1	2	2	2	4	3	3	3	1	2
1	2	3	4	2	2	4	4	2	1	0
2	4	0	2	2	2	2	2	3	3	1
3	1	4	1	1	1	3	1	3	1	0
4	4	1	2	0	2	2	2	0	3	0
5	3	2	0	1	2	3	2	1	0	2
6	0	0	2	0	1	2	4	1	0	0
7	1	0	1	3	1	1	2	6	2	0
8	1	0	0	3	2	6	2	2	4	0
9	3	0	3	1	3	1	4	1	2	2
10	2	2	3	2	1	3	3	2	0	1
11	4	2	3	3	1	2	4	3	4	2
12	8	4	2	2	4	4	2	1	3	3
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	34	20	25	22	26	36	35	28	24	13

Source: Ohio Department of Education, Rocky River City School District

Rocky River City School District Students Attending Community Schools





OPEN ENROLLMENT

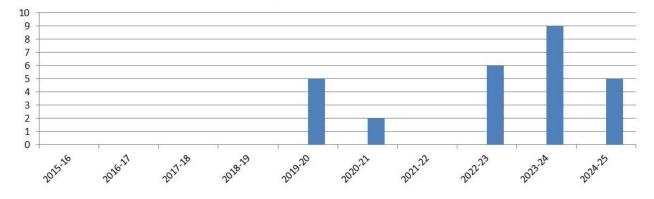
Since 2015-16, the number of Rocky River City School District students "open enrolling" out of the District has fluctuated between 0 and 9 students. There are no students "open enrolling" into the District. Significant changes in the number of students "open enrolling" into or out of the District from year to year can impact enrollment projections and should be monitored.

Rocky River City School District Open Enrollment - OUT

Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Pre-K	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	3	0	0
2	0	0	0	0	0	0	0	0	4	0
3	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	2	0
11	0	0	0	0	2	1	0	1	1	1
12	0	0	0	0	3	1	0	0	2	1
Ungraded	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	5	2	0	6	9	5

Source: Ohio Department of Education, Rocky River City School District

Rocky River City School District Open Enrollment - Out





LIVE BIRTH DATA

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

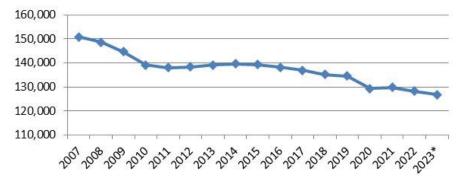
The Ohio Department of Health [ODH] information warehouse provides information about live birth events for Ohio residents. Information about events occurring outside of Ohio to Ohio residents is included. Information about events occurring inside Ohio to non-Ohio residents is not included.

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

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.

From 2007 to 2011, Ohio births declined by 12,760 and then somewhat leveled off through 2014. Since 2014, births have dropped each year with a slight uptick from 2020 to 2021. From 2022 to 2023, births declined by almost 1,500 or one percent.





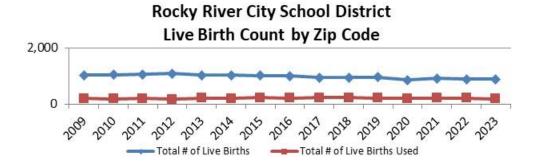


The following table and graph include the live birth counts for zip codes 44107, 44116, and 44126. However, upon analysis of the map on page 21, only zip code 44116 was used for projection purposes.

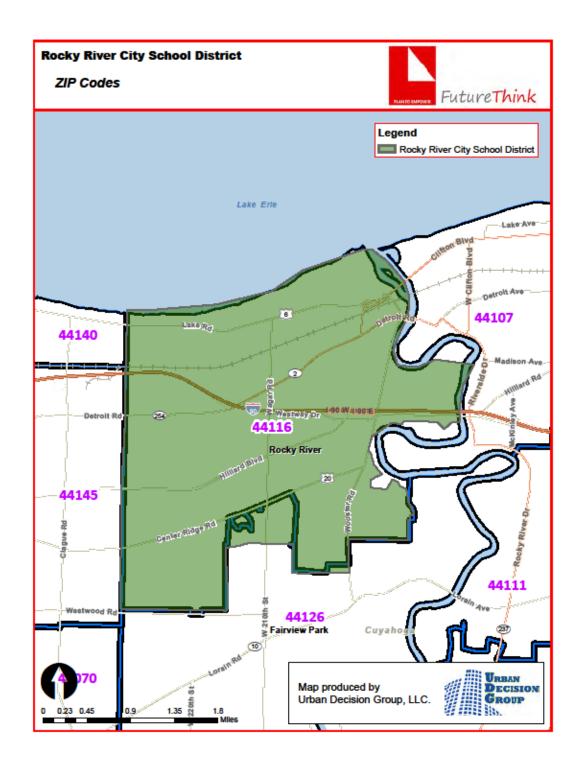
Rocky River City School District Live Birth Count by Zip Code 2009-2023

Year	44107	44116	44126	Total # of Live Births	Total # of Live Births Used
2009	647	196	186	1,029	196
2010	691	189	169	1,049	189
2011	656	199	204	1,059	199
2012	705	172	208	1,085	172
2013	612	210	202	1,024	210
2014	622	203	200	1,025	203
2015	592	221	202	1,015	221
2016	582	215	202	999	215
2017	528	220	192	940	220
2018	535	221	194	950	221
2019	510	216	228	954	216
2020	484	198	177	859	198
2021	515	219	186	920	219
2022	484	210	198	892	210
2023	487	184	221	892	184

Source: Ohio Department of Health, Bureau of Vital Statistics









DEMOGRAPHICS

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	\$39,807	\$37,729
Median Household Income	\$60,074	\$66,990
Persons Below Poverty	16.5%	13.3%

Source: US Census, American Community Survey, 2022 5-Year Estimates

Total Population

	2010 Census	2020 Census
Cuyahoga County	1,280,122	1,264,817
Rocky River	20,213	21,755

Source: 2010 Census: DEC Summary File 2; 2020 Decennial Census

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-censual 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





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.



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.

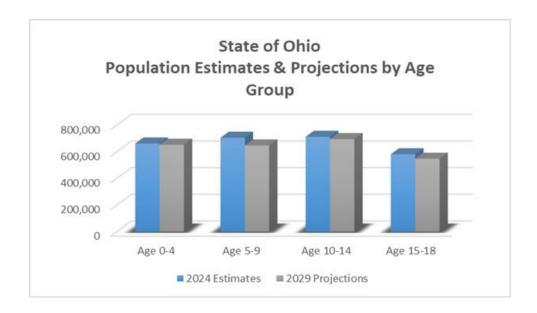
The total population in the State of Ohio is 11,827,616. This population is projected to increase by 10,670 people, or less than 1% over a 5-year period.

The 0-18-year-old population in the State currently totals 2,655,144. This population is projected to decrease by 118,007 children, or approximately 4 percent.

The median age is projected to increase by 2.5% from 40.2 to 41.2 years of age.

State of Ohio	2024 Estimates	2029 Projections	Change 2024-29	Change 2024-29 (%)
Total Population	11,827,616	11,838,286	10,670	0.1%
Age 0-4	660,554	651,085	-9,469	-1.4%
Age 5-9	703,559	645,953	-57,606	-8.2%
Age 10-14	710,806	693,306	-17,500	-2.5%
Age 15-18	580,225	546,793	-33,432	-5.8%
Total Age 0-18	2,655,144	2,537,137	-118,007	-4.4%
Median Age	40.2	41.2	1.0	2.5%

Source: Esri

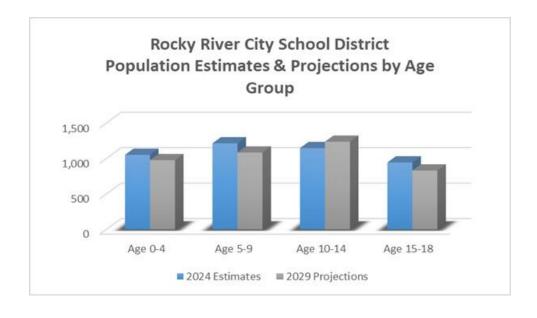




The total population in the District is 21,669. This population is projected to decrease by 499 people, or approximately 2% over a 5-year period. The 0-18-year-old population in the District currently totals 4,363. This population is projected to decrease by 229 people, or approximately 5 percent. The median age is projected to increase by approximately 3%, from 45.3 to 46.5 years of age.

Rocky River City School District	2024 Estimates	2029 Projections	Change 2024-29	Change 2024-29 (%)
Total Population	21,669	21,170	-499	-2.3%
Age 0-4	1,053	978	-75	-7.1%
Age 5-9	1,216	1,086	-130	-10.7%
Age 10-14	1,148	1,238	90	7.8%
Age 15-18	946	832	-114	-12.1%
Total Age 0-18	4,363	4,134	-229	-5.2%
Median Age	45.3	46.5	1.2	2.6%

Source: Esri



Median and average household incomes in the State are both projected to increase by approximately 16% over a 5-year period. The average family size is projected to decrease by approximately 1%, and the total number of family households is projected to increase by less than 1 percent.

State of Ohio	2024 Estimates	2029 Projections	Change 2024-29	Change 2024-29 (%)
Median Household Income	\$69,192	\$80,521	\$11,329	16.4%
Average Household Income	\$97,114	\$112,947	\$15,833	16.3%
Average Family Size	3.04	3.02	-0.02	-0.7%
Total Family Households	2,950,263	2,956,571	6,308	0.2%

Source: Esri

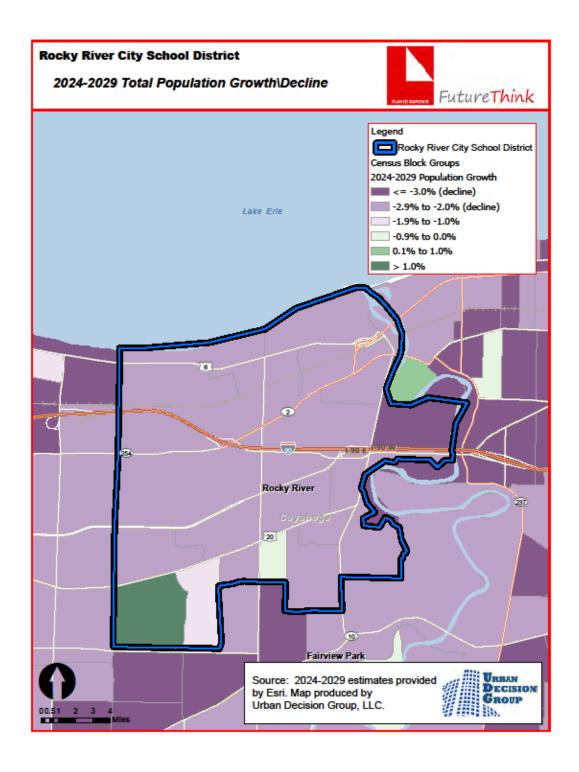
Median and average household incomes in the District are projected to increase by approximately 19% and 16%, respectively over a 5-year period. The average family size is projected to decrease by 1%, and the total number of family households is projected to decrease by approximately 2 percent.

Rocky River City School District	2024 Estimates	2029 Projections	Change 2024-29	Change 2024-29 (%)
Median Household Income	\$98,437	\$117,074	\$18,637	18.9%
Average Household Income	\$148,952	\$172,381	\$23,429	15.7%
Average Family Size	3.04	3.01	-0.03	-1.0%
Total Family Households	5,377	5,273	-104	-1.9%

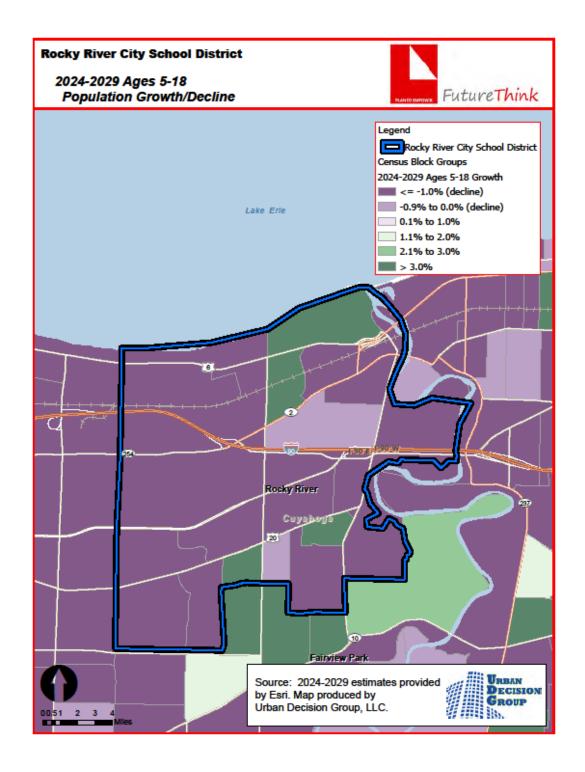
Source: Esri

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.

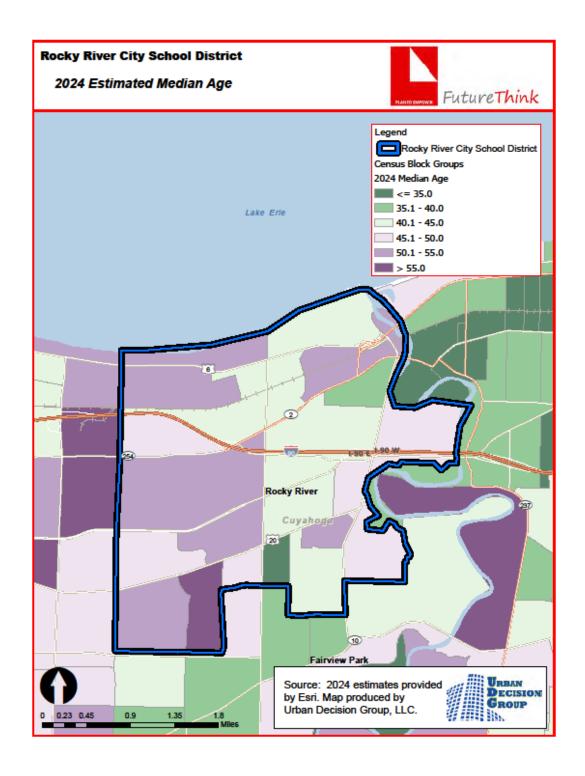




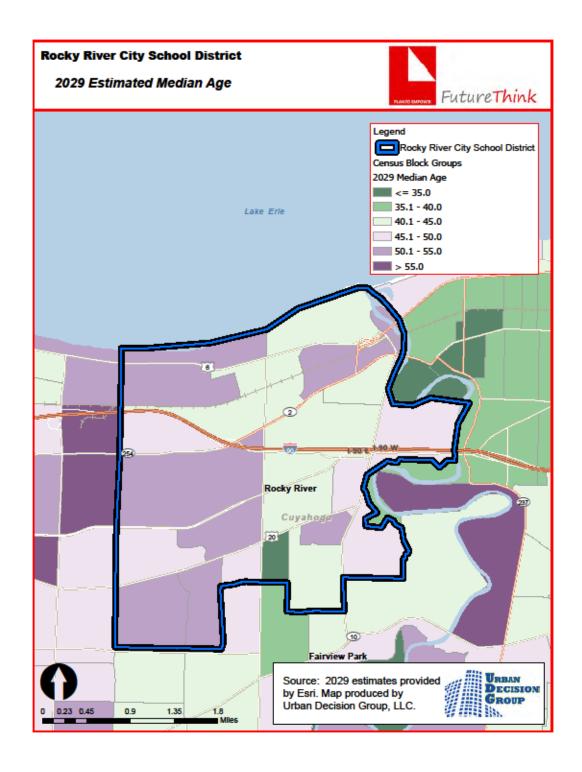




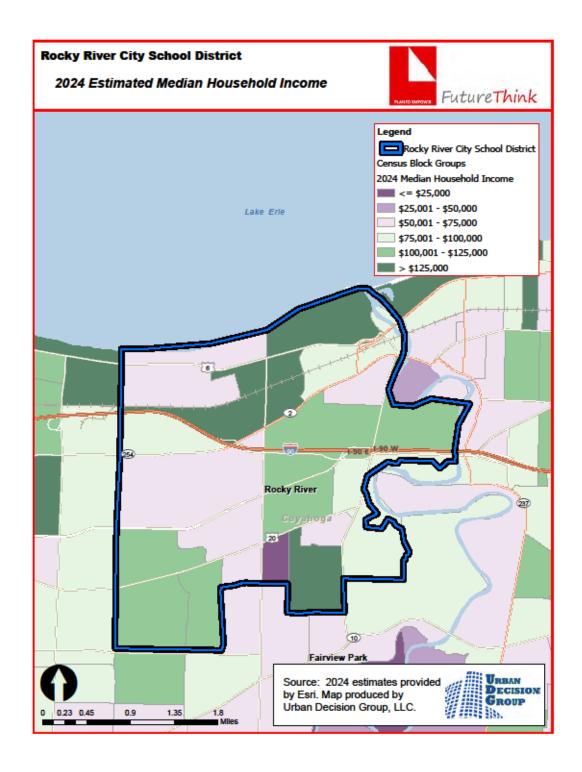




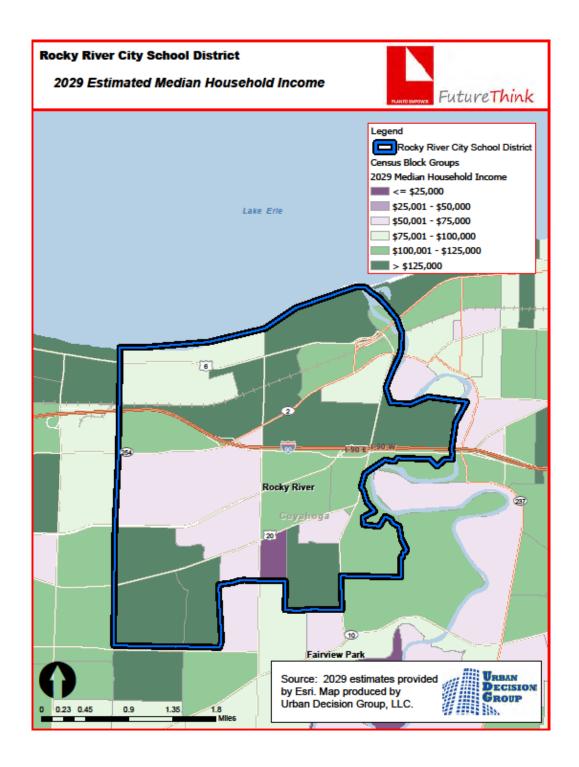














HOUSING INFORMATION

The table below illustrates the number of single-family dwelling building permits issued each year in Rocky River and Cuyahoga County.

of Building Permits Issued for Single Family Dwellings

Year	Rocky River	Cuyahoga County
2014	17	592
2015	12	702
2016	3	719
2017	13	728
2018	9	644
2019	7	570
2020	4	619
2021	10	752
2022	8	639
2023	3	480
2024*	4	446

Source: SOCDS Building Permits Database



^{*}preliminary through September 2024

SURVIVAL RATIOS

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

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

The following table illustrates the survival ratios for the Rocky River 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
2015	2016	67.3%	107.1%	100.5%	100.0%	100.0%	101.9%	107.7%	98.2%	98.6%	95.8%	100.5%	91.6%	100.0%
2016	2017	91.3%	122.4%	98.2%	104.9%	103.0%	102.0%	102.8%	99.6%	102.2%	104.2%	97.1%	95.0%	104.1%
2017	2018	83.8%	116.6%	105.5%	103.7%	104.1%	98.6%	105.9%	94.6%	101.3%	96.9%	100.5%	96.0%	100.5%
2018	2019	91.6%	110.2%	106.6%	100.6%	101.2%	102.0%	104.4%	101.8%	102.4%	94.1%	104.1%	92.8%	100.0%
2019	2020	70.1%	109.1%	101.0%	97.4%	101.7%	103.5%	102.4%	100.5%	103.2%	98.2%	101.8%	94.8%	102.4%
2020	2021	81.9%	121.9%	100.5%	102.0%	105.3%	99.4%	102.8%	100.9%	98.1%	96.9%	100.9%	90.8%	98.6%
2021	2022	81.8%	109.7%	98.4%	100.0%	101.5%	98.5%	102.3%	101.1%	101.4%	94.3%	102.7%	94.9%	101.4%
2022	2023	91.4%	105.0%	101.0%	100.5%	102.0%	103.0%	101.0%	100.6%	97.3%	94.4%	101.0%	93.0%	99.0%
2023	2024	87.0%	95.5%	100.0%	100.0%	98.9%	98.1%	96.2%	95.5%	98.3%	91.1%	99.0%	87.6%	98.6%
	average	82.92%	110.839%	101.31%	101.0%	101.96%	100.8%	102.8%	99.2%	100.3%	96.222%	100.834%	92.934%	100.516%
	standard deviation	8.459%	7.999%	2.713%	2.090%	1.841%	1.987%	3.049%	2.422%	2.078%	3.444%	1.906%	2.492%	1.741%



ENROLLMENT PROJECTION

Enrollment projections were developed after analyzing the data collected in this report. The projections indicate an increase of 18 students in grades Pre-K through 12, not including regular Pre-K or full-time JVS students, from the 2024-25 to the 2034-35 school year. The following tables and graph illustrate projected enrollments by grade and by grade group through the 2034-35 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 Rocky River City School District funds preschool through the following sources:

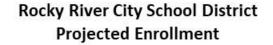
- General fund
- Tuition

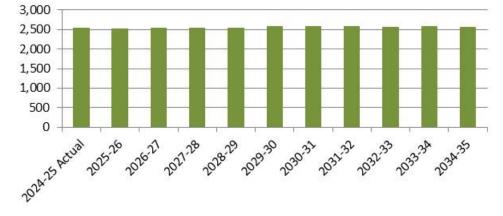
Kindergarten:

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

Career Technical:

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







Rocky River City School District

Projected Enrollment

Grade	2024-25 Actual	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
Pre-K (special needs)	43	42	46	45	39	43	43	43	43	43	43
k	188	173	191	184	161	177	177	177	177	177	177
1	193	198	182	201	193	169	185	185	185	185	185
2	189	195	200	183	203	194	170		187	187	187
3	195	190	196		184	204	195	171	188	188	188
4	185	199	194	200	205	188	208	199	175	192	192
5	204	188	202	196	202	207	190		202	177	194
6	201	210	193	207	202	208	212	195	216	207	181
7	190		211	193	208	202	208	213	196	217	208
8	178	193	204	213	195	210	205	211	215	198	219
9	163	169	183	194	202	186	199	194	200	205	188
10	202	166	172	185	197	205	188	202	197	203	207
11	176	188	154	159	172	183	190		188	183	188
12	208	174	186		158	170	180		172	185	181
Pre-K - 12 Total	2,515	2,487	2,514	2,513	2,521	2,546	2,550	2,550	2,541	2,547	2,538
Ungraded	1	1	1	1	1	1	1	1	1	1	1
Career Tech Off-Site	31	26	24	22	23	25	26	26	26	26	26
Grand Total	2,547	2,514	2,539	2,536	2,545	2,572	2,577	2,577	2,568	2,574	2,565
Course: EuturoThink											

Source: Future Think

Rocky River City School District

Projected Enrollment by Grade Group

Grade	2024-25 Actual	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
Pre-K (special needs)	43	42	46	45	39	43	43	43	43	43	43
K - 2	570	566	573	568	557	540	532	549	549	549	549
3 - 5	584	577	592	597	591	599	593	580	565	557	574
6 - 8	569	605	608	613	605	620	625	619	627	622	608
9 - 12	749	697	695	690	729	744	757	759	757	776	764
Pre-K - 12 Total	2,515	2,487	2,514	2,513	2,521	2,546	2,550	2,550	2,541	2,547	2,538
Ungraded	1	1	1	1	1	1	1	1	1	1	1
Career Tech Off-Site	31	26	24	22	23	25	26	26	26	26	26
Grand Total	2,547	2,514	2,539	2,536	2,545	2,572	2,577	2,577	2,568	2,574	2,565

Source: FutureThink



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 Rocky River City School District.



APPENDIX

The following documents are included in the appendix:

- District Acceptance
- District Questionnaire

The September 2015 Enrollment Projection Report is available upon request.





Tracy Healy <thealy@futurethinkinc.com>

Rocky River CitySchool District

Shoaf, Michael <shoaf.michael@rrcs.org>

Fri, Dec 20, 2024 at 11:02 AM

To: "thealy@futurethinkinc.com" <thealy@futurethinkinc.com>

Cc: Lauren Negrey <negrey.lauren@rrcs.org>, Leslie Rossi <rossi.leslie@rrcs.org>, Peter Corrigan <corrigan.peter@rrcs.org>, Kelly Frindt <frindt.kelly@rrcs.org>, Addie Olander <olander.addie@rrcs.org>, "Jessica (Jess) Wilson" <wilson.jessica@rrcs.org>

Hi Tracy,

Thank you for your presentation last evening.

RRCSD accepts your report.

Thanks, MS

--

Dr. Michael G. Shoaf Superintendent 1101 Morewood Parkway Rocky River, Ohio 44116 (440) 356-6000

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District Questionnaire for Rocky River City of Cuyahoga County (44701) [THealy]

District Questionnaire has been submitted for review

Enrollment Report For Rocky River City of Cuyahoga County (44701)

Contact Information

Superintendent Name: Michael Shoaf

Superintendent Email: shoaf.michael@rrcs.org

Superintendent Phone: (440) 356-6000 Contact Name (if different from Superintendent): Rebecca Novak

Contact Title: Manager of Student and Staff Information Systems

Contact Email: novak.rebecca@rrcs.org

Contact Phone: (440) 356-6715

K12 Enrollment

Grade	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023- 2024	Enrolled 2024– 2025
K	155	134	157	176	186	155	172	176	193	188
1	184	166	164	183	194	203	185	189	185	193
2	202	185	163	173	195	196	200	183	192	189
3	201	202	194	169	174	190	193	203	181	195
4	214	201	208	202	171	177	194	198	205	185
5	220	218	205	205	206	177	172	193	202	204
6	227	237	224	217	214	211	177	177	198	201
7	216	223	236	212	221	215	212	178	177	190
8	214	213	228	239	217	228	202	215	173	178
9	219	205	222	221	225	213	218	194	197	163
10	214	220	199	223	230	229	208	223	195	202
11	217	207	225	200	221	223	225	212	219	193
12	215	217	212	226	199	220	217	220	207	222
Ungraded	1	0	0	0	0	0	0	0	0	1
Total	2699	2628	2637	2646	2653	2637	2575	2561	2524	2504

All Day Kindergarten

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

Preschool Enrollment

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

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

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

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

Please provide enrollment data:

Grade	2015–	2016–	2017-	2018–	2019-	2020-	2021-	2022 –	2023-	2024-
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Pre-K with disabilities	43	34	36	42	37	45	49	43	48	43

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	2015–	2016–	2017-	2018–	2019–	2020–	2021–	2022 –	2023-	2024–
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Pre-K Other (not disabled, not enrolled in ECE, or Federal Head Start)	24	38	39	43	40	0	47	33	30	36

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 23 to 1
- 4–5 24 to 1
- 6-8 23 to 1
- 9-12 19 to 1

Grade Configurations

PK through PK

K through 2

3 through 5

6 through 8

9 through 12

Students with Disabilities

Definitions:

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

Please provide the current school year enrollment for students with disabilities by ODE program code and grade configuration.

Code	PK-PK	K-2	3–5	6–8	9–12
IE13	4	48	59	48	59
IE14	0	8	3	15	27
IE15	0	4	4	5	6
Total	4	60	66	68	92

*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 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023- 2024	Enrolled 2024– 2025
PreK	0	0	0	0	0	0	0	0	0	0
K	1	2	2	2	4	3	3	3	1	2
1	2	3	4	2	2	4	4	2	1	0
2	4	0	2	2	2	2	2	3	3	1
3	1	4	1	1	1	3	1	3	1	0
4	4	1	2	0	2	2	2	0	3	0
5	3	2	0	1	2	3	2	1	0	2
6	0	0	2	0	1	2	4	1	0	0
7	1	0	1	3	1	1	2	6	2	0
8	1	0	0	3	2	6	2	2	4	0
9	3	0	3	1	3	1	4	1	2	2
10	2	2	3	2	1	3	3	2	0	1
11	4	2	3	3	1	2	4	3	4	2
12	8	4	2	2	4	4	2	1	3	3
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	34	20	25	22	26	36	35	28	24	13

Online Enrollment

Grade	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023– 2024	Enrolled 2024– 2025
PreK	0	0	0	0	0	0	0	0	0	0
K	0	0	0	0	0	0	0	2	0	0
1	0	0	0	0	0	0	0	1	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0
4	0	0	0	0	0	0	1	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
7	0	0	0	0	0	0	1	1	0	0
8	0	0	0	0	0	0	0	2	0	0
9	0	0	0	0	0	0	1	1	0	0
10	0	0	0	0	0	0	1	1	0	0
11	0	0	0	0	0	0	2	2	0	0
12	0	0	0	0	0	0	1	1	0	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	7	12	0	0

Open Enrollment (In)

Grade	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023- 2024	Enrolled 2024– 2025
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
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0

Open Enrollment (Out)

Grade	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023- 2024	Enrolled 2024– 2025
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	3	0	0
2	0	0	0	0	0	0	0	0	4	0
3	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	2	0
11	0	0	0	0	2	1	0	1	1	1
12	0	0	0	0	3	1	0	0	2	1
Ungraded	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	5	2	0	6	9	5

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. Lakewood City Bay Village City Westlake City

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

Grade	Enrolled 2015– 2016	Enrolled 2016– 2017	Enrolled 2017– 2018	Enrolled 2018– 2019	Enrolled 2019– 2020	Enrolled 2020– 2021	Enrolled 2021– 2022	Enrolled 2022– 2023	Enrolled 2023– 2024	Enrolled 2024– 2025
Off- Site Career Tech 11th	11	11	16	9	14	5	16	10	15	17
Off- Site Career Tech 12th	8	11	8	16	8	8	5	13	8	14
Total	19	22	24	25	22	13	21	23	23	31

Career Tech Program Enrollment

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

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

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

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

Boundaries

Please list municipalities, townships, and any additional counties within the boundaries of your school district:City of Rocky River; City of Fairview Park

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

Growth

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

Additional Information

Please provide any additional information you feel may impact your District's future enrollment [i.e. private schools opening or closing]

Submission Documents

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

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

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



December 20, 2024

Michael Shoaf, Superintendent Rocky River City School District – Cuyahoga County 1101 Morewood Parkway Rocky River, OH 44116

Dear Superintendent Shoaf:

Per your acceptance dated December 20, 2024, the draft report dated December 5, 2024 has been finalized and submitted to the Ohio Facilities Construction Commission. Enclosed is the final report.

The master plan year is the 2034-35 school year with an enrollment of 2,565 students.

Rocky River City School District Master Planning Year Projected Enrollment

Grade	2034-35			
Pre-K - 12 Total	2,538			
Ungraded	1			
Career Tech Off-Site	26			
Total	2,565			

Source: FutureThink

We appreciate the opportunity to serve Rocky River City Schools.

Sincerely,

Tracy V. Healy President