

Ohio Student Mobility Research Project

Columbus Area Profile

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Community Research Partners is a nonprofit research, evaluation, and data center based in Columbus that strengthens communities through data, information, and knowledge. Since 2000, CRP has undertaken more than 300 projects, on a wide array of topics, in central Ohio, statewide, and as part of national initiatives. CRP is a partnership of United Way of Central Ohio, the City of Columbus, The Ohio State University, and the Franklin County Commissioners; the Ohio partner for the national Working Poor Families Project; and a partner in the Urban Institute's National Neighborhood Indicators Partnership.

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Summary

Student mobility is the phenomenon of students in grades K-12 changing schools for reasons other than customary promotion from elementary to middle school and middle to high school. This change may happen during the school year or over the summer. Mobility has consequences for schools, students, communities, and public policy. Research has found that students who change schools most frequently have worse educational outcomes.

In 2011, Community Research Partners and the Thomas B. Fordham Institute entered into a partnership to conduct research on student mobility in Ohio. The research analyzes more than five million student records over two school years to provide a picture of student mobility for all Ohio public districts and buildings and public charter schools, with in-depth analysis for the Columbus, Cleveland, Cincinnati, Dayton, and Toledo areas.

The Columbus Area Profile

The Columbus Area Profile focuses on the mobility of 49,616 Columbus City Schools (CCS) students and that of the more than 230,000 students in the other 43 public districts, 69 physical charter schools, and e-charter schools in an approximate 30 mile radius of CCS. For analysis purposes, Columbus Area districts are divided into Ring 1—those adjacent to CCS and/or within Franklin County—and Ring 2, the remaining districts.

Magnitude of mobility

The magnitude of mobility examines *how many* students change schools, both during the school year and between school years, and is measured in two ways: 1) cohort stability and 2) churn.

Cohort stability: measures retention of students over time

How many students from an October 1 cohort remained continuously enrolled in a building or district over two school years?

In the least stable Columbus Area districts, about one of every three students in a school at the beginning of a school year is not in that same building at the end of a second school year. The most stable districts lose fewer than one in ten students.

Grades K-7 building stability

- **Columbus City Schools.** Sixty-seven percent of a cohort of students in grades K-7 remained in the same CCS building over two years, the lowest stability rate of the 16 Columbus Area Ring 1 districts.
- **Other less stable districts.** Whitehall and Groveport Madison had building stability rates of 70% or less for grades K-7.
- **Most stable districts.** Grandview Heights, Upper Arlington, Bexley, and New Albany-Plain had building stability rates of 90% or greater for grades K-7.

Grades 8-11 building stability

- **Columbus City Schools.** Sixty-two percent of students in grades 8-11 remained in the same CCS building over two years, the third lowest stability rate of the 16 Columbus Area Ring 1 districts.
- **Other less stable districts.** Groveport Madison had the lowest building stability rate (54.1%) among the Ring 1 districts. Whitehall, Reynoldsburg, and Hamilton also had building stability rates of 70% or less for grades 8-11.
- **Most stable districts.** Upper Arlington, Bexley, Grandview Heights, New Albany-Plain, and Dublin had building stability rates of 90% or greater for grades 8-11.

Charter school stability

- Only five of the 53 largest physical charter schools in the Columbus Area had stability rates of 70% or more, while 30 schools had rates of less than 50%, losing half or more of their students over two years. The least stable charter schools are primarily dropout recovery schools.

Churn: measures movements into and out of a building or district

What are the number and rate of total school year moves (admissions and withdrawals) for each district and building during a school year?

There were more than 20,000 admissions to and withdrawals from schools in the 16 Columbus Area Ring 1 districts during the 2010-2011 school year. For most of these districts, churn in grades K-8 resulted in a net gain of students (more admissions than withdrawals), while the churn in grades 9-12 produced a net loss of students (more withdrawals than admissions).

District churn

- **Columbus City Schools.** The CCS K-8 churn rate (18.5%) was the fourth highest, and the 23.5% churn rate for grades 9-12 was the highest, among the 16 Ring 1 districts. Many of the lowest churn CCS buildings are alternative schools. The 40 CCS buildings with the most churn have rates ranging from 36% to 182%. The building with the most churn is the Special Education Center.
- **Other high churn districts.** The Whitehall, Groveport Madison, and Hamilton Local districts had K-12 churn rates of more than 20%.
- **Lowest churn districts.** The Grandview Heights, Bexley, and Upper Arlington districts had the least churn among the Ring 1 districts, with K-12 rates of below 4.0%.

Charter school building churn

- Only five of the 53 largest physical charter schools in the Columbus Area had churn rates below 10%, while 17 schools had rates of greater than 50%. The charter schools with the greatest churn (95-220%) are primarily dropout recovery schools.

Mobility Patterns

Mobility patterns show the movement of students between school districts and buildings and between public districts and charter schools, as well as the characteristics of origin and destination schools. The analysis includes: 1) district and building mobility patterns, 2) report card ratings of origin and destination schools, and 3) inter-district open enrollment analysis.

Mobility patterns: districts and buildings that exchange students

How many unique students did pairs of districts have in common (i.e. a student was enrolled in both at some point in time) over two school years? What was the direction of movement (origin and destination) between these districts?

Over two school years, the 44 public districts in the Columbus Area exchanged 18,877 students. Another 20,345 students were exchanged between public districts and charter schools (both physical and e-charters). The largest numbers of exchanges were between districts in close proximity to each other, but CCS also exchanged students with other Major Urban districts across the state.

Columbus City Schools

Over two school years, 16,742 unique students transferred between CCS and another Ohio district or charter school. Of these, 55% moved to or from another district; 33% moved to or from a physical charter school; and 12% moved to or from an e-charter school. During this period, 5,389 students made a non-promotional change of schools within the CCS district.

- **Columbus City Schools exchanges with other districts.** Over two school years, 9,081 students were enrolled in a CCS school and in one of the 30 Ohio public districts that exchanged the most students with CCS. In these exchanges, 4,099 students entered CCS from another district, and

4,982 students left CCS for another district. The districts that exchanged at least 500 students with CCS were South-Western, Groveport Madison, Westerville, Reynoldsburg, and Whitehall.

- **Columbus City Schools exchanges with charters.** Over two school years, 6,905 students were exchanged between CCS schools and 30 charter schools. Two-thirds of these exchanges were from CCS to a physical charter school, and one-third were with e-charters, led by eCOT (1,591 students).
- **Columbus City Schools exchanges with buildings in other districts.** The largest numbers of CCS inter-district building moves occurred at the high school level. Only four of the top 30 exchanges involved elementary schools. CCS Independence, West, Briggs, and Walnut Ridge high schools exchanged a total of at least 75 students each with high schools in the Groveport Madison, South-Western, Whitehall, and Reynoldsburg districts.
- **Exchanges among Columbus City Schools buildings.** A total of 5,278 CCS students changed schools within the CCS district over two years. Of the 30 CCS buildings that exchanged the most students, Walnut Ridge High was the most frequent receiving school, followed by Mifflin High, West High, and West Broad Elementary. The most frequent sending schools were Brookhaven High, East High, Marion-Franklin High, and Burroughs Elementary.

Other Columbus Area districts

- **Exchange patterns among districts.** Over two years, there were 7,238 student exchanges among the 25 largest Columbus Area districts (excluding CCS). The South-Western, Groveport Madison, Reynoldsburg, Westerville, and Hilliard districts had the most inter-district exchanges. Districts that exchanged more than 150 students were South-Western and Hilliard, South-Western and Groveport Madison, Groveport Madison and Reynoldsburg, Dublin and Hilliard, and Groveport Madison and Hamilton Local.

Origin and destination report card ratings

What is the performance rating of the destination school of mobile students, compared to the rating of the school of origin?

For students who moved into, out of, or within the CCS district, the report card rating of the student's destination school, when compared to that of the school of origin, varied based on the types of buildings or districts involved in the move:

- **Exiting Columbus City Schools for another district.** Fifty-two percent went to a school with a rating two or more ratings higher than that of their school of origin; 46% went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.
- **Entering Columbus City Schools from another district.** Fifty-five percent went to a school with a rating two or more ratings lower than that of their school of origin; 44% went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.
- **Exiting Columbus City Schools for a charter school.** Sixty-eight percent went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.
- **Changing schools within Columbus City Schools.** Seventy-three percent went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.

Open enrollment

How many students are enrolled in a district, which is not their district of residence, through open enrollment?

As of school year 2010–11, CCS was surrounded by districts that did not accept open enrollment students from other districts. However, many districts in the Columbus Area—particularly those in Ring 2—do permit open enrollment. Nine pairs of districts had at least 50 students who resided in one district, but attended school in another district through inter-district open enrollment, including

from a South-Western residence to CCS enrollment, Groveport Madison to CCS, London to Madison-Plains, and Lancaster to Bloom-Carroll.

Mobility and the student

The analysis of mobility and CCS student characteristics and achievement examines differences in: (1) demographics of mobile and non-mobile student groups, (2) demographics of students who left the district based on the type of destination school, and (3) proficiency test scores based on mobility status.

Student characteristics and mobility status

How do stable CCS students differ from those who move within the district? How do students staying in the district differ from those leaving? How do students leaving the district differ from those entering?

- **Movers between Columbus City Schools buildings.** Compared to stable CCS students, those who move between CCS buildings are more likely to be black, economically disadvantaged, homeless, or have a disability.
- **Outgoing and incoming students.** Compared to outgoing CCS students, incoming students are more likely to be black, homeless, an immigrant, or LEP.

Student characteristics and destination of outgoing students

How do the characteristics of outgoing CCS students differ based on their destination school?

- **Race.** Compared to other racial groups, black students are more likely to move to a physical charter school; white students are more likely to move to an e-charter; and Hispanic students are more likely to move to a district outside of Ohio.
- **Economic disadvantage.** Economically disadvantaged CCS students are more likely than those who are not economically disadvantaged to move to a physical charter or e-charter.
- **Homeless.** Homeless CCS students are more likely than those who are not homeless to move to another Ohio district or to a district outside of Ohio.
- **Immigrant.** Immigrant CCS students are more likely than those who are not an immigrant to move to a district outside of Ohio.

Student mobility and proficiency test passage

What is the 2-year mobility history of 3rd grade and 8th grade students who took the 2011 proficiency tests? What is the relationship of mobility history and proficiency test scores?

Mobility history of test takers

Of the 7,232 3rd and 8th grade CCS students who took the Ohio Achievement Assessment (OAA) tests in spring 2011, about one-in-three 3rd grade test takers and one-in-four 8th-grade test takers made at least one non-promotional school move during the previous two school years. The largest mover group was those who made one move during the school year. The 0-move groups had an 85% economic disadvantage rate, compared to 97% or more of the 2-move and 3+-mover groups.

Mobility history and test scores

There is a downward trend in average test scores and passage rates of 3rd and 8th grade OAA math and reading tests with each successive school change that a CCS student made. All mover groups—even those who move one time in the summer—had lower average test scores and passage rates than students who did not change schools over the previous two years.

Statistical modeling compared mean test scores for mover groups. For the CCS student groups analyzed, the low p-values (<.0001) for all factors indicate that the number of school changes over two years is an independent predictor of test scores. There is a statistically significant relationship

between more school moves and lower test scores. Economic disadvantage and race are also independent predictors of test scores.

Mobility and achievement test roll-up level

An impact of student mobility is that mobile students may not meet the enrollment criteria—continually enrolled in a building or district from October 31 until the spring achievement testing date—for counting their test scores in a building’s or district’s performance rating. Instead, their test score is “rolled up” and counts only for the district or state rating. Among the Columbus Area Ring 1 districts, Columbus has the highest percentage of students whose achievement test scores are rolled up to the state (10.1%), the third highest among the 15 Major Urban districts.

Statewide context

To provide context for the data in the Columbus Area Profile, Table i includes comparison data on key district demographics and selected mobility measures for the 15 public school districts classified by ODE as “Major Urban,” as well as for all public districts and all public charter schools in the state.

Table i. Ohio Major Urban Districts: District and student characteristics, school year 2010–2011 (SY 2011)

	Rating	Average daily enrollment	Enroll. chg. since SY 2001 (%)	Economic disadvan. (%)	Minority race or ethnicity (%)	Two-year district stability rate, Oct. 2009–May 2011 (%)		Two-year building stability rate, Oct. 2009–May 2011 (%)		One-year churn rate, school year 2010–2011 (%)		Test roll-up to state (4) (%)
						Grades K–7	Grades 8–11	Grades K–7	Grades 8–11	Grades K–8	Grades 9–12	
All Ohio public school districts (1)	-	1,637,230	-6.2	43.1	23.3	85.9	81.5	80.8	78.0	9.5 (2)	9.1 (2)	4.5
All Major Urban districts	-	244,396	-39.6	82.6	70.1	77.6	70.0	64.3	60.5	16.5 (2)	22.7 (2)	9.1
Akron	C	22,603	-25.3	84.7	59.5	81.5	77.1	68.9	66.2	12.3	18.2	4.3
Canton	C	9,750	-18.3	80.6	51.8	82.0	80.2	68.1	74.6	15.6	21.3	5.6
Cincinnati	B	32,009	-20.3	69.7	75.8	77.6	72.2	65.0	58.7	16.2	15.2	8.1
Cleveland	D	43,202	-40.2	>95.0	85.4	76.5	66.1	54.7	57.7	16.2	30.8	7.1
Cleveland Hts.-Univ. Hts.	C	5,907	-14.3	61.3	83.0	79.4	72.1	73.8	66.9	15.8	22.7	14.2
Columbus	C	49,616	-22.0	81.9	73.0	76.5	70.4	67.4	61.8	18.5	23.5	10.1
Dayton	C	14,174	-31.1	92.5	74.8	78.5	71.5	68.8	64.8	18.2	19.4	7.9
East Cleveland	D	3,182	-43.7	88.5	>95.0	69.1	62.6	64.6	61.6	23.9	22.9	10.2
Euclid	C	5,793	-4.3	66.0	83.6	77.1	76.8	68.6	72.8	16.9	16.4	7.3
Hamilton (Butler County)	C	9,444	<0.1	69.2	24.6	80.7	74.9	68.4	66.2	18.7	22.4	8.2
Lorain	C	7,585	-26.3	84.5	72.0	77.2	71.8	60.4	53.9	19.8	25.6	8.5
Springfield (Clark County)	B	7,398	-24.2	76.3	37.9	81.3	69.7	64.7	51.4	14.5	24.0	6.1
Toledo	C	22,277	-39.4	76.6	60.0	74.9	60.1	63.5	49.0	16.5	31.1	8.7
Warren	D	5,368	-20.9	75.2	53.8	79.0	71.2	63.0	65.5	15.5	18.8	5.3
Youngstown	D	6,088	-42.5	91.9	83.1	74.3	65.3	60.5	55.3	20.4	27.4	8.2
All Ohio public charter schools	-	113,698	-	75.0	60.8	-	-	50.6 (3)		27.2 (2,3)		13.7
E-charters	-	3,3052	-	64.7	21.0	-	-	44.2 (3)		129.9 (2,3)		30.8

Source: Ohio Department of Education; CRP analysis of ODE enrollment records

Note: District rating A+=Excellent with Distinction, A=Excellent, B=Effective, C=Continuous Improvement, D=Academic Watch, F=Academic Emergency.

(1) Public school district data in this table do not include the island districts or College Corner.

(2) Median of churn rates

(3) Churn rates for grades K-11 or K-12

(4) Among spring 2011 math achievement assessment test-takers in grades 3 to 8 reported by district (or charter school), the percentage whose scores were rolled up to state level; i.e., student was not continuously enrolled in district (or charter school) since last day of October for same academic year

1.0 Introduction

1.1 What is student mobility?

Student mobility is the phenomenon of students in grades K-12 changing schools for reasons other than customary promotion from elementary school to middle school or from middle school to high school. This non-promotional school change can occur during the school year or in the summer between school years. It may involve residential change, school change, or both.

Students may change schools for reasons that are considered positive, such as when a family moves to a better school, neighborhood, or job. In fact, the current education policy environment sends a strong message to parents that school choice—which typically involves school change—is good. Community-based charter schools and school voucher programs are examples of school choice policy initiatives. The federal No Child Left Behind Act of 2001 (NCLB) requires that school districts provide students in schools identified as “In School Improvement,” based on trends in proficiency test passage rates, with the opportunity to transfer to a school not designated as “In School Improvement.”

1.2 The importance of understanding student mobility

Student mobility has consequences for schools, students, communities, and public policy. Research has found that students who change schools more frequently are likely to have worse educational outcomes. Highly mobile students are also more likely to be those with other risk factors—low income, special education, homelessness, or an unstable home environment. School changes worsen the learning and achievement problems of these at-risk children.

High student mobility puts a stress on teachers and administrators who must continually focus on incorporating new students into the building and classroom. Stable students in schools with high mobility also suffer from the disruptions to the classroom environment and the slower instructional pace necessary to accommodate new students. School districts face increased administrative costs from student mobility, including costs related to student records transfer and transportation.

There are community impacts of high student mobility that reach beyond the school. Neighborhoods and school districts with low performing schools and unstable school populations are disincentives to home ownership and economic development. Investments in school-based initiatives to improve attendance, academic achievement, and graduation rates are less effective if students move from school to school, dropping in and out of programs.

Finally, student mobility has important consequences for state and local education policy. A better understanding of how mobility impacts schools and students has implications for accountability measurement, education funding, and curriculum and instruction.

1.3 The Ohio Student Mobility Research Project

History of the project

In 2011, Community Research Partners (CRP) and The Thomas B. Fordham Institute (Fordham) entered into a partnership to conduct research on student mobility in Ohio. Fordham, a national leader in advancing educational excellence through quality research, commentary, and advocacy, wanted to build on their recent research on student mobility in the Dayton area and examine student mobility throughout the state. CRP brought to the project its experience in undertaking research on student mobility in the Columbus City Schools (CCS) and in processing and analyzing student-level records from the Ohio Department of Education (ODE).

In June 2011, Fordham provided CRP with a planning grant to develop a workable research plan. ODE provided CRP with student-records from the Education Management Information System (EMIS). Beginning with the 2008-2009 school year, EMIS has included unique student identifiers that enable tracking of individual students over time as they enter and exit public districts and public

charter schools in Ohio. With assistance from ODE staff in understanding and using the EMIS data, CRP analyzed student records for Franklin County districts. The outcome of the planning phase was a design for a large-scale study of student mobility in Ohio, to be conducted by CRP. Work on the project began in February 2012.

Project funders

The diverse set of project funders is indicative of the importance of the issue of student mobility. Funders are supporting the Ohio Student Mobility Research because of their interest in understanding: 1) the patterns of student mobility in Ohio or in a local community, 2) the impact of mobility on students and schools, and/or 3) the implications of mobility for state and local public policy. In addition to Fordham, funders include: The Siemer Institute for Family Stability, The Nord Family Foundation, The Cleveland Foundation, KnowledgeWorks, KidsOhio.org, American Federation of Teachers/Ohio Federation of Teachers, School Choice Ohio, United Way of Central Ohio, United Way of Greater Toledo, and The Columbus Foundation.

Research components

CRP and Fordham are not aware of other research that has examined student mobility at the scale, scope, and level of detail of the Ohio Student Mobility Research. The research employs descriptive and analytic statistics—presented in spreadsheets, visualizations, and reports—to provide a picture of student mobility for all Ohio public school districts and buildings and public charter schools, with in-depth analysis for five large urban regions (Columbus, Cleveland, Cincinnati, Dayton, Toledo).

The research also addresses several state policy issues of interest to Fordham: 1) open enrollment patterns, 2) “non-counters” profile (students whose test scores do not count in district performance ratings), and 3) monthly enrollment profiles of public districts. The project did not include collecting qualitative data from students, families, school personnel, or other stakeholders to determine why students change schools or the impact of student mobility.

About the data

As would be expected when undertaking such complex research, CRP made a number of decisions, in consultation with Fordham and ODE, about data analysis methods, definitions, and parameters. There are also a number of caveats about the data that are important to understand. These are described below.

The dataset

The dataset includes ODE EMIS files (student standing, student attributes, and student achievement tests) with 2.1 million unique students in grades K-12 during the 2009-10 and 2010-11 school years. (about five million instances of enrollment). The following were excluded from the analysis dataset:

- Non-instructional relationship between student and district, i.e. district provides only supportive services to student or has a residual reporting requirement for student
- Zero days in attendance over entirety of enrollment record
- Educational Service Centers
- Preschools and preschool students
- Foreign exchange students
- Kindergarten withdrawals
- Island Districts and College Corner, which are very small or geographically isolated

In school year 2010-11, the 1.79 million unique students included:

- 1.66 million students in 612 public school districts and 3,293 public school buildings
- 81,800 students in 313 “bricks and mortar,” or physical, public charter schools

- 48,900 students in 26 accredited e-charters, a subset of charter schools
- 1,500 students in state schools for the deaf and blind
- 93,400 students in 71 vocational schools

Definitions

Charter schools. Ohio public charter schools (called “community schools” by ODE) include “bricks and mortar” schools that have school buildings and accredited e-charters, where teaching is done on-line. For brevity and clarity in this report, these two types of charter schools are referred to as: 1) *physical charter schools* and 2) *e-charter schools*.

School year. For most of the analysis, a school year is defined as beginning on October 1 (the official fall enrollment count date for Ohio schools) and ending on May 15. This was done to accommodate the various starting and ending dates of schools across the state.

Dropout Prevention and Recovery Program. A dropout recovery school, operated under a waiver from ODE, enables high school students (ages of 16 to 21) who are at risk of not graduating to graduate in lieu of meeting the Ohio Core curriculum. All dropout recovery schools identified in the ODE data set are charter schools.

Mobility-related terms. Report sections 3.0, 4.0, and 5.0 begin with definitions and other information related to the mobility measures used in this report.

Local context

The research scope and timeline did not include collecting information on unique situations in local districts or charter schools, not always evident in the EMIS dataset, which may contribute to or explain mobility rates and patterns. These may include: 1) competitive magnet or alternative schools that only admit students at the beginning of the school year, 2) school building demolition, renovation, or new construction that result in large numbers of students changing buildings; 3) starting, ending, or moving special programs (programs for students with disabilities, LEP students); 4) grade realignment (changing a school from K-5 to K-8); or 5) special purpose schools, (dropout recovery, welcome/transition schools) that by design involve students moving in and out throughout the year. CRP and Fordham hope that discussion of the research by local education stakeholders will provide this additional context for the data analysis.

Reliability of student identification numbers

This research is only possible because ODE has unique statewide student identifiers (SSID) that enable tracking students across public schools and districts. However, there is anecdotal evidence from district staff and others familiar with student recordkeeping that a new identifier is sometimes assigned to a student who enrolls in a new district. Because ODE records do not include student names, it was not possible for CRP to determine the extent to which this is happening; however, ODE data staff believes that it involves a very small number of cases.

The school attendance data controversy

As this report is being written, the State Auditor is examining student attendance data for districts across Ohio. It is alleged that some school staff withdrew students they knew to be still enrolled, deleted their absences, and then re-enrolled them, for the purpose of improving school ratings. This practice would increase a school’s attendance rate, and only the test scores of students who have been continually enrolled from October through the spring proficiency test dates are counted in a school’s overall test-passage rate.

This does not, however, impact the Ohio Student Mobility Research for the following reasons:

1. Student attendance records were not used for the research.
2. For the purposes of calculating building churn rates, a student who was withdrawn and then readmitted to the same building in less than 30 days was treated as continuously enrolled

rather than as an exit/reentry event. It was assumed that this was an administrative action and not a school move.

3. Analysis of the relationship of mobility to proficiency test scores is based on individual student records. Building-level test passage rates were not used.

In addition, this research includes a profile of “non-counters”—students whose test scores do not count in building or district report cards—which can help to inform this important dialogue.

Caveats about accuracy

CRP has been very careful in collecting, analyzing and presenting data to prepare the Ohio Student Mobility Research Project report. However, the project did not include authenticating the data provided by ODE. If careful readers of the report discover data errors or typographical errors, CRP welcomes this feedback and will publish corrections to the report.

The Columbus Area Profile

This report is a mobility profile of students in the Columbus Area. It focuses on the mobility of CCS students and how students move within the district and between and among 43 districts and 69 physical charter schools within an approximate 30 mile radius of CCS. The analysis includes:

- **Magnitude of mobility:** stability of students within districts and buildings (cohort stability) and numbers of movements into and out of districts and buildings (churn)
- **Mobility patterns:** origin and destination of movement between buildings and districts
- **Mobility and students:** the relationship of mobility to student demographic characteristics and student achievement

Additional data

- **Appendix.** Additional detailed data on student mobility for individual Columbus Area districts, buildings, and charter schools can be found in the appendix of this report.
- **Online spreadsheets.** Excel spreadsheets with mobility data for every public district, building, and charter school in Ohio can be found at: www.researchpartners.org.
- **Profile reports for other urban areas.** Profile reports for the Cleveland, Cincinnati, Dayton, and Toledo areas are available at: www.researchpartners.org.

2.0 The Columbus Area

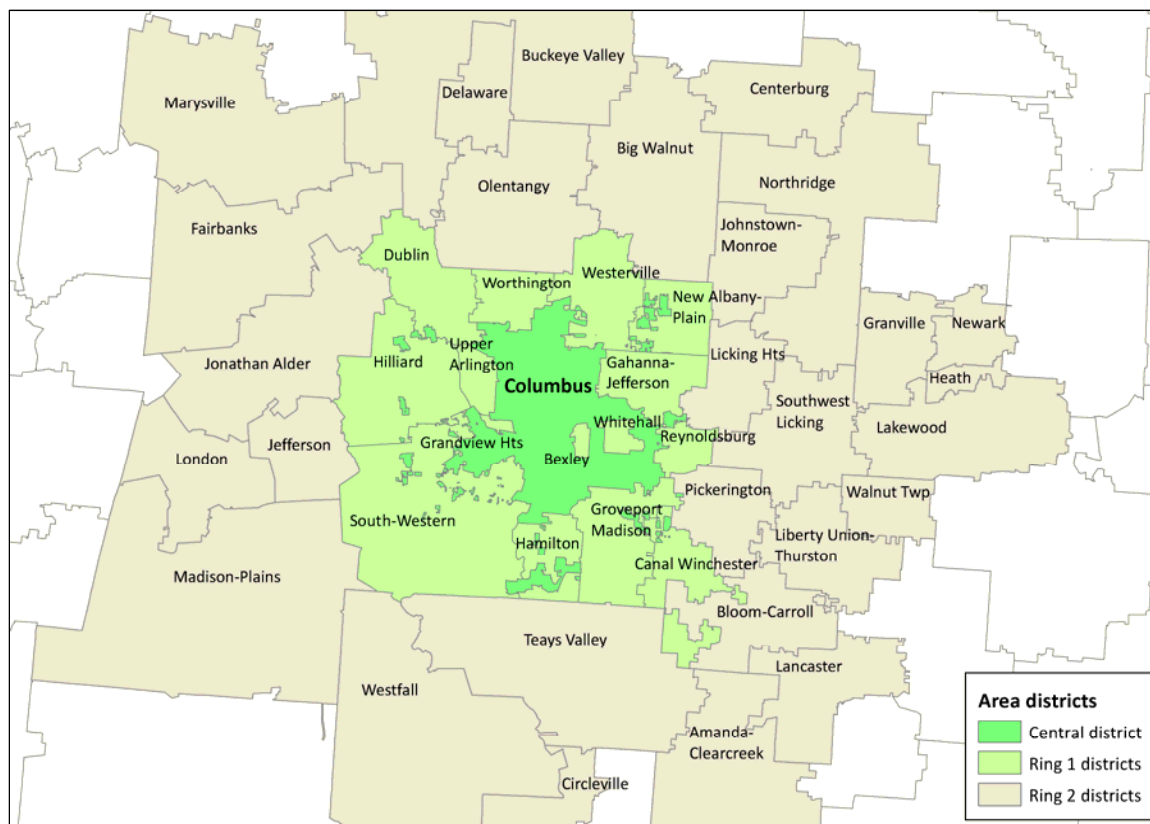
The Columbus Area, as defined for the student mobility research, is the geographic area that includes all public school districts and all physical public charter schools within approximately 30-miles of the central district, Columbus City Schools (Map 1; Table 1). Portions of the analysis also include students within the Columbus Area who attend e-charter schools.

For the purpose of data analysis, the 43 districts are divided into:

- **Ring 1:** districts adjacent to CCS and/or within Franklin County
- **Ring 2:** the remainder of the districts, which are farther from the CCS district

Most of the analysis in this report is focused on the central urban district and the Ring 1 districts; however data about all districts in the Columbus Area can be found in the appendix and in on-line spreadsheets at www.researchpartners.org.

Map 1. School districts in the Columbus Area



Note: In the maps of this report, district outlines are based on U.S. Census TIGER files.

Table 1. Number of public districts and school buildings in the Columbus Area, school year 2010–2011

	Public districts	Buildings in public districts	Physical charter schools
Columbus City Schools (CCS)	1	117	54
Ring 1 (districts within same county or adjacent to CCS)	15	177	13
Ring 2 (other districts within 30 miles of CCS)	28	165	2

Note: See Section 1 for types of schools included and excluded

2.1 Columbus Area schools at a glance

Columbus City Schools: student characteristics

CCS is the largest district in Ohio and has had a 22% loss in enrollment over ten years (Table 2). In school year 2010-11, nearly three-quarters of CCS students were a minority race or ethnicity, including 58.9% black, 6.8% Hispanic, and 2.1% Asian students. Eight of ten students were economically disadvantaged (eligible for Free and Reduced Price Lunch Program); 3.5% were immigrants; 10% had limited English proficiency (LEP); and 17% had a disability. Of the more than 3,000 homeless students in Columbus Area districts in school year 2010, 68% were enrolled in CCS.

Among children ages 5–17 living within the CCS district boundaries, 14,819 (21.7%) lived in a different house than they did the previous year. About 1 in 10 children residing within the district and enrolled in grades 1–12 were enrolled in a private school. (American Community Survey 2010)

Other Columbus Area districts: student characteristics

The following are characteristics of the 43 Ring 1 and Ring 2 districts (excluding CCS) in the Columbus Area for school year 2010-2011 (Table 2 and Appendix):

- Seven districts had economic disadvantage rates above 50% (Whitehall, Hamilton Local, Groveport Madison, Newark, South-Western, Circleville, and Lancaster).
- Six districts had LEP rates above 5%, including South-Western (higher than CCS at 13.1%), Dublin, Licking Heights, Hilliard, Westerville, and Reynoldsburg
- Only in Whitehall did minority students make up more than half of the student population.
- Groveport Madison had the second largest largest number of homeless students (454) after CCS.

Table 2. Columbus Area: Student characteristics, school year 2010–2011

School district	Enrollment (1)	Enrollment change since SY 2001 (%)	Economic disadvantage (%)	Minority (%)	Limited English Prof. (%)	Homeless
All districts in Columbus Area	253,786	+7.0	40.0	31.9	5.1	3,014
All Ring 1 districts	95,444	-2.2	46.9	42.8	7.3	2,645
Columbus	49,616	-22.0	81.9	73.0	9.7	2,064
South-Western	19,336	+1.7	54.6	29.0	10.9	15
Hilliard	14,945	+21.1	22.4	21.3	7.3	-
Westerville	14,105	+8.6	28.3	35.1	7.3	18
Dublin	13,614	+22.6	14.0	29.2	8.0	11
Worthington	9,098	-8.8	23.4	26.0	4.8	-
Gahanna-Jefferson	7,028	+10.7	25.6	30.9	2.4	-
Reynoldsburg	5,811	+2.9	41.6	49.0	4.9	63
Groveport Madison	5,746	-0.3	58.0	46.6	3.1	454
Upper Arlington	5,542	+2.6	<5.0	10.3	1.1	-
New Albany-Plain	4,191	+116.3	7.0	23.2	1.9	-
Canal Winchester	3,446	+65.8	27.2	27.7	2.5	-
Hamilton	3,005	+13.9	61.6	20.5	1.1	-
Whitehall	2,818	-0.5	75.7	55.0	13.1	20
Bexley	2,130	-5.2	9.2	17.3	1.0	-
Grandview Heights	1,092	-11.4	18.0	8.5	0.0	-
All Ring 2 districts	127,117	+28.2	27.9	12.7	1.2	369
Columbus Area physical charter schools	22,326	-	79.7	82.8	-	-
Columbus Area students in e-charter schools	5,726	-	62.0	24.4	-	-

Source: Ohio Department of Education

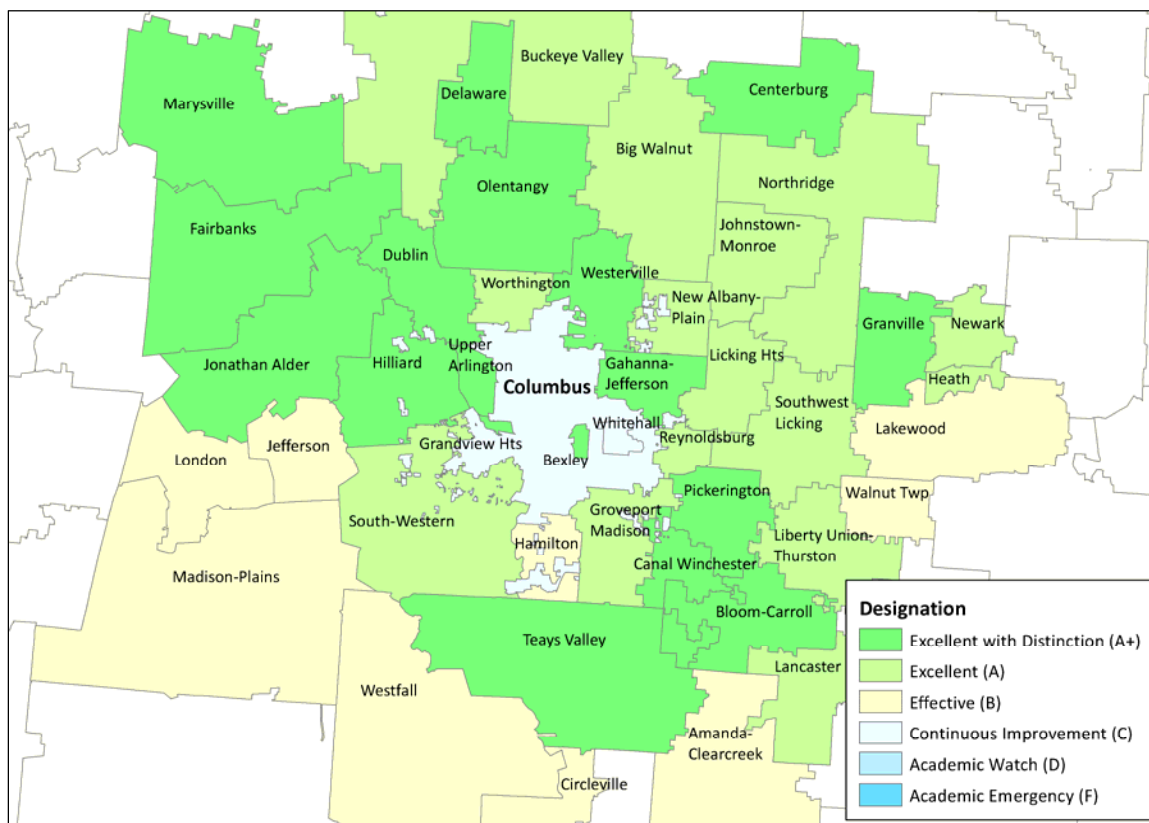
Note: (1) For e-charters, enrollment is October 1 enrollment of students residing in Columbus Area districts; for all other districts, figure is average daily enrollment.

Columbus Area districts: school performance designations

ODE assigns annual report card ratings to school buildings and districts based on student performance and progress. In this report, rating letters of A+ to F are used to represent the six-level state performance designation system for school districts and buildings (Map 2 legend).

- Among the 44 Columbus Area districts, 33 had the two highest designations (Excellent or Excellent with Distinction) for school year 2010–2011. No districts had the lowest two designations of Academic Watch or Academic Emergency.
- CCS had a rating of Continuous Improvement, as did 8 of the other 15 Major Urban school districts (Table i) in Ohio. Only Springfield City and Cincinnati City were more highly rated.
- Of the 117 CCS school buildings in operation, 13 had the two highest state report card designations, and 50 had the two lowest designations.

Map 2. Columbus Area districts: ODE report card designations, school year 2010–2011



Source: Ohio Department of Education

Voucher holders

The Ohio Educational Choice Scholarship Program (EdChoice) provides students from underperforming public schools with the opportunity to attend participating private schools. Students currently attending—or who will be assigned to—a public school in their resident district that has been rated in Academic Emergency or Academic Watch for two of the past three years are eligible to apply. Students currently attending a charter school whose home school is an eligible school are also eligible.

In school year 2010-2011, there were more than 2,500 voucher holders whose district of residence was a Columbus Area district (Table 3). The district of residence of these voucher holders were:

- Columbus—2,460
- Groveport Madison—55
- South-Western—49
- Whitehall—12 to 20

The vouchers were used at 42 private schools (Table 3). These figures were prior to adoption of the state 2011-2012 budget, which tripled the number of vouchers available to Ohio students.

Table 3. School of attendance of Columbus Area EdChoice voucher holders, school year 2010–2011

School of attendance of voucher holders	Number of vouchers	School of attendance of voucher holders	Number of vouchers
St James The Less	341	Bishop Ready	31
All Saints Academy	243	Gloria S Friend Christian Academy	23
Harvest Preparatory School	179	St Anthony	23
Gahanna Christian Academy	153	Liberty Christian Academy - East Campus	18
Sonshine Christian Academy	144	Southeast Christian Academy	15
St Mary	142	Eastwood Seventh-day Adventist Junior Academy	14
Sunrise Academy	122	Cypress Christian	13
St Francis De Sales	114	St Paul Lutheran	12
St Mary Magdalene	99	Trinity	12
Tree Of Life-Northridge Branch	91	Worthington Christian High School	11
St Matthias	83	Children's Academy	< 10
Brice Christian Academy	79	Columbus Jewish Day School	< 10
Bishop Hartley	71	New Beginnings Christian	< 10
Harambee Christian	69	St Cecilia	< 10
Grove City Christian	68	St Charles Preparatory	< 10
Columbus Adventist Academy	60	St Timothy	< 10
Holy Spirt	56	Tree Of Life-Dublin Branch	< 10
Madison Christian School	52	Worthington Adventist Academy	< 10
Calumet Christian	39	Worthington Christian Kindergarten/Middle School	< 10
Columbus Torah Academy	37	Worthington Christian Westview Elementary School	< 10
Tree Of Life-Indianola Branch	35	Xenos Christian	< 10

Source: Ohio Department of Education

3.0 Magnitude of mobility

3.1 Section overview and key concepts

This section of the report examines how many students change schools, both during the school year and between school years. The school year is defined as the period from October 1 (the date that districts report enrollment to ODE) and May 15. Promotional moves (elementary to middle school; middle school to high school) are not included in these calculations. The magnitude of mobility is measured in two ways: (1) cohort stability and (2) churn. Both are calculated at the district and building levels.

This report provides an overview of the magnitude of mobility in Columbus Area schools. Additional cohort stability and churn data for districts, buildings, and charter schools can be found in the Appendix and in online spreadsheets www.researchpartners.org.

Cohort stability: measures retention of students over time

How many students from an October 1 cohort remained continuously enrolled in a building or district over two school years?

- **School District Cohort Stability:** The number and percent of students enrolled on October 1, 2009, who remained continuously enrolled in the same district at three subsequent points in time: May 15, 2010; October 1, 2010; and May 15, 2011.
- **School Building Cohort Stability:** The number and percent of students enrolled on October 1, 2009, who remained continuously enrolled in the same building at three subsequent points in time: May 15, 2010; October 1, 2010; and May 15, 2011.

Data notes

- A student who changed buildings within a district over two school years, but remained consistently enrolled in the district, is considered a stable student in the district-level stability calculation.
- Some building cohort instability is the result of changes in district programming that moves groups of students (e.g. LEP students) from one building to another.
- The analysis did not capture students who moved out of, and back into, a district or building during a school year (between October 1 and May 15)

Churn rate: measures movements into and out of a building or district

What is the number and rate of total school year moves (admissions and withdrawals) for each district and building during a school year?

- **District churn rate:** The sum of all instances of district admissions and withdrawals that occur after October 1 and before May 15, as a percent of October 1 student enrollment for school year 2010-2011.
- **Building churn rate:** The sum of all instances of building admissions and withdrawals that occur after October 1 and before May 15, as a percent of October 1 student enrollment for school year 2010-2011.

Data notes

- A student's building enrollment Start Date that was fewer than 30 days following the Withdrawal Date from the same building was treated as continuous enrollment rather than an exit/reentry event.
- Because churn measures moves, individual students can be counted multiple times, each time they leave a district or building, and each time they enter a district or building, during a school year.

3.2 Student cohort stability

How many students from an October 1 cohort remained continuously enrolled in a building or district over two school years?

In the least stable Columbus Area districts, about one of every three students in a school at the beginning of a school year is not in that same building at the end of a second school year. The most stable districts lose fewer than one in ten students.

School district stability for Columbus Area districts grades K-7

Columbus City Schools

- Of the CCS October 2009 grades K-7 cohort, 76.5% of the students remained in the district over two years, and 67.4% remained in the same CCS building over two years (Map 3).
- Compared to the 15 districts designated as Major Urban by ODE, CCS had the 11th lowest district K-7 stability rate (Table i). Canton City School was most stable, with a rate of 82.0%, while East Cleveland Schools was the least stable, with a rate of 69.1%

Other Columbus Area districts

- Groveport Madison and Whitehall were other Ring 1 districts, in addition to CCS, with a district stability rate for grades K-7 that was below 70%.
- Grandview Heights, Upper Arlington, and Bexley were the most stable Ring 1 districts, with rates above 90%.
- Among Ring 1 and 2 districts with 50% or more economically disadvantaged students, Lancaster had the highest district stability rate (85.3%) and Circleville had the highest building stability rate (84.8%) for grades K-7.

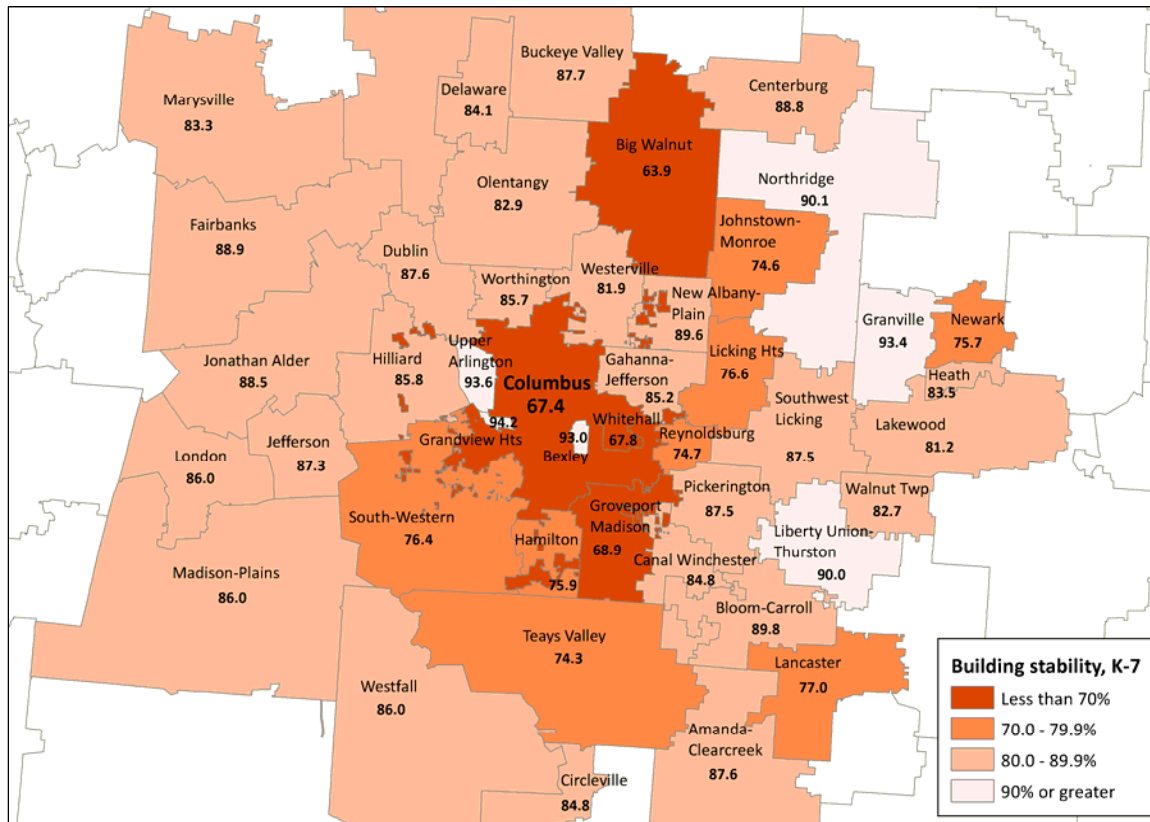
Table 4. Columbus Area Ring 1 Districts: Two-year district and building stability for grades K-7

Districts	District Rating	District stability		Building stability (1)	
		October 2009 district cohort	In same district May 2011 (%)	October 2009 building cohort	In same building May 2011 (%)
Grandview Heights	A+	662	94.9	514	94.2
Upper Arlington	A+	2,937	94.1	2,621	93.6
Bexley	A+	1,224	93.5	1,071	93.0
New Albany-Plain	A	2,626	89.8	1,613	89.6
Dublin	A+	8,466	90.0	7,383	87.6
Hilliard	A+	9,344	90.6	7,038	85.8
Worthington	A	5,518	89.2	4,708	85.7
Gahanna-Jefferson	A+	4,107	88.4	3,556	85.2
Canal Winchester	A+	2,253	85.0	1,663	84.8
Westerville	A+	8,672	89.1	7,590	81.9
South-Western	A	12,222	83.1	8,982	76.4
Hamilton	B	1,915	77.4	1,392	75.9
Reynoldsburg	A	3,783	78.8	2,680	74.7
Groveport Madison	A	3,342	74.0	2,486	68.9
Whitehall	C	1,846	73.2	1,610	67.8
Columbus	C	32,509	76.5	26,951	67.4

Source: CRP analysis of ODE enrollment records

(1) Excluded from the building cohort are students who would be expected to be promoted to a different building in year 2.

Map 3. Columbus Area: Two-year building stability rate for grades K–7, October 2009–May 2011



Source: CRP analysis of ODE enrollment records.

School district stability grades 8–11

Columbus City Schools

- CCS district and building two-year stability rates (70.4% and 61.8%, respectively) for grades 8–11 were lower than corresponding stability rates for grades K–7 (Table 5).
- Compared to the 15 districts designated as Major Urban by ODE, CCS had the 10th lowest district grades 8-11 stability rate (Table i). Canton City Schools were the most stable, with a rate of 80.2%, while Toledo City Schools were the least stable, with a rate of 60.1%

Other Columbus Area districts

- The Ring 1 districts Groveport Madison (61.0%), Whitehall (69.0%), and Hamilton Local (69.5%) had district stability rates for grades 8-11 that were 70% or less. Upper Arlington, Bexley, Grandview Heights, New Albany Plain, and Dublin had grades 8-11 district stability rates of 90% or greater.
- Of the Ring 2 districts, Newark (67.1%) and Walnut Township (70.4%) had district stability rates for grades 8-11 that were 70% or less. Granville (94.4%) and Olentangy (94.4%) were the only Ring 2 districts with grades 8-11 stability rates above 90%.

Districts	District rating	District stability		Building stability (1)	
		October 2009 district cohort	In same district May 2011 (%)	October 2009 building cohort	In same building May 2011 (%)
Upper Arlington	A+	1,691	95.3	1,270	95.7
Bexley	A+	681	94.7	539	95.0
Grandview Heights	A+	352	93.2	267	93.3
New Albany-Plain	A	1,167	91.5	853	91.7
Dublin	A+	4,275	91.6	3,211	91.2
Worthington	A	2,863	88.3	2,158	87.3
Hilliard	A+	4,635	88.8	3,444	86.4
Gahanna-Jefferson	A+	2,335	85.7	1,739	84.3
Westerville	A+	4,501	86.6	3,418	83.4
Canal Winchester	A+	1,046	82.0	764	81.7
South-Western	A	6,294	79.8	4,629	76.8
Hamilton	B	904	69.5	662	66.3
Reynoldsburg	A	1,874	72.5	1,354	62.8
Columbus	C	15,586	70.4	12,190	61.8
Whitehall	C	819	69.0	591	61.6
Groveport Madison	A	1,804	61.0	1,371	54.1

(1) Excluded from the building cohort are students who would be expected to be promoted to a different building in year 2.

Building stability, 8-11

- Less than 70%
- 70.0 - 79.9 %
- 80.0 - 89.9%
- 90% or greater

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Building stability for Columbus City Schools

Nearly all of the most stable CCS schools are alternative schools (Table 6). CCS buildings with the lowest stability rates lose approximately half of the students in a cohort over two school years (Table 7).

Table 6. CCS: 40 most stable school buildings, October 2009–May 2011

School building	Grade range	Rating	Econ. Disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
Indianola Informal School	K-8	A	36.7	511	90.6
Oakland Park Alternative Elementary	PK-5	C	72.1	252	89.7
Columbus Spanish Immersion Elementary School	K-8	B	80.8	366	88.8
Berwick Alternative Elementary School	PK-8	A	62.5	586	87.0
Arts Impact Middle School	6-8	C	80.6	336	86.9
Ecole Kenwood Alternative Elementary School	K-8	A	62.8	341	85.9
Duxberry Park Alternative Elementary School	PK-5	C	84.5	184	85.9
Columbus Alternative High School	9-12	A	61.0	478	81.6
Colerain Elementary School	PK-5	A+	60.4	151	81.5
Devonshire Alternative Elementary School	PK-5	C	76.1	392	81.4
Indian Springs Elementary School	K-5	A	49.2	350	80.9
Siebert Elementary School	PK-5	D	85.6	221	80.5
Stewart Alternative Elementary School @ Beck	K-5	C	75.7	235	80.0
Monroe Alternative Middle School	6-8	C	85.9	279	78.5
Ridgeview Middle School	6-8	A	56.2	338	78.4
Clinton Elementary School @ Old Hubbard	K-5	A+	39.4	309	78.3
Gables Elementary School	K-5	B	44.5	265	77.4
Fort Hayes Arts and Academic HS	9-12	B	70.3	517	76.6
Centennial High School	9-12	A	52.9	642	76.5
Dominion Middle School	6-8	B	66.4	373	75.6
Fifth Avenue International School	K-6	C	90.7	229	75.1
Wedgewood Middle School	6-8	C	79.4	398	74.9
Columbus Africentric Early College Elementary	K-5	F	>95.0	270	74.8
Woodward Park Middle School	6-8	C	85.7	571	74.8
Westgate Alternative Elementary School	PK-5	B	69.6	300	74.7
Scottwood Elementary School	PK-5	C	88.2	268	74.6
Columbus Africentric Early College	6-12	C	88.8	539	74.0
Alpine Elementary School	K-5	B	72.8	415	74.0
Northtowne Elementary School	PK-5	D	89.2	214	73.8
Avalon Elementary School	K-5	B	65.9	477	73.4
Binns Elementary School	K-5	C	77.0	213	73.2
Whetstone High School	9-12	A	58.6	825	73.2
Cedarwood Alternative Elementary @ Stockbridge	PK-5	B	79.1	278	73.0
Parsons Elementary School	PK-5	C	81.0	362	72.9
Forest Park Elementary School	K-5	C	84.4	306	72.2
Woodcrest Elementary School	PK-5	C	86.8	322	71.4
Maize Road Elementary School	PK-5	C	79.8	247	70.9
Northland High School	9-12	B	77.1	962	70.6
Huy Elementary School	PK-5	D	76.5	219	70.3
Mifflin Alternative Middle School	6-8	D	93.1	188	70.2

Source: CRP analysis of ODE enrollment records

Note: Table 6 is limited to school buildings with average daily enrollment of at least 50 students in school year 2010–2011.

Table 7. CCS: 40 least stable school buildings, October 2009–May 2011

School building	Grade range	Rating	Econ. Disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
Fairwood Alternative Elementary School	PK-5	F	92.6	330	59.1
Marion-Franklin High School	9-12	C	84.4	831	59.1
Como Elementary School	PK-5	C	91.7	320	59.1
Lindbergh Elementary School	K-5	D	86.8	223	58.7
Fairmoor Elementary School	K-5	D	92.9	414	58.5
Yorktown Middle School	6-8	C	89.2	309	58.3
Champion Middle School	6-8	F	>95.0	194	58.2
Trevitt Elementary School	PK-5	F	93.0	172	58.1
North Linden Elementary School	K-5	D	88.6	222	58.1
Highland Elementary School	PK-5	F	94.1	273	57.5
Heyl Avenue Elementary School	PK-5	F	>95.0	174	57.5
Briggs High School	9-12	C	82.0	902	57.4
South Mifflin STEM Academy	PK-6	F	90.6	303	57.4
Mifflin High School	9-12	C	87.4	545	57.2
Moler Elementary School	PK-5	C	>95.0	114	57.0
Medina Middle School	6-8	D	93.9	225	56.9
Dana Avenue Elementary School	PK-5	D	>95.0	320	55.9
West High School	9-12	C	86.9	862	55.7
Beatty Park Elementary School	K-5	F	>95.0	81	55.6
Sullivant Elementary School	PK-5	F	>95.0	207	55.6
Liberty Elementary School	K-5	F	88.2	218	55.5
Oakmont Elementary School	K-5	D	>95.0	249	55.4
Linden-McKinley STEM School on Arcadia	7-12	D	94.3	493	55.0
Valley Forge Elementary School	PK-5	C	80.6	297	54.2
Windsor STEM Academy	PK-6	F	94.5	313	54.0
Avondale Elementary School	K-5	B	92.3	230	53.0
East High School	9-12	C	90.5	600	52.2
Starling Middle School	6-8	D	>95.0	200	50.5
Leawood Elementary School	PK-5	F	92.2	244	50.4
Hamilton STEM Academy	PK-6	D	93.9	356	50.3
Walnut Ridge High School	9-12	B	82.9	697	50.2
Brookhaven High School	9-12	D	87.5	741	49.9
Maybury Elementary School	K-5	B	85.8	275	49.8
Southmoor Middle School	6-8	D	>95.0	179	49.2
East Columbus Elementary School	PK-5	C	>95.0	317	48.9
South High School	9-12	D	90.6	448	48.9
Lincoln Park Elementary School	PK-5	D	89.9	271	46.5
Alum Crest High School	9-12	F	94.9	72	40.3
Clearbrook Middle School	6-8	F	90.6	31	38.7
Special Education Center	PK-12	NA	24.1	142	10.6

Source: CRP analysis of ODE enrollment records

Note: Table 7 is limited to school buildings with average daily enrollment of at least 50 students in school year 2010–2011.

Building stability for charter schools

Stability rates for many of the public charter schools in the Columbus Area were low (Table 8). Only five of the largest charter schools had stability rates of 70% or more, while 30 schools had rates of less than 50%. The least stable charter schools are primarily dropout recovery schools

Table 8. Columbus Area: Stability rates for charter schools, October 2009–May 2011

School <i>e-charters in italics</i> *Dropout recovery school (District location if other than CCS)	Grade range	Rating	Econ. disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
Oakstone Community School	K-12	A	12.4	186	90.9
Wickliffe Progressive Community School (Upper Arlington)	K-5	A+	<5.0	410	90.7
Educational Academy for Boys and Girls	K-12	NA	81.5	30	83.3
Youthbuild Columbus Community*	9-12	A	80.6	119	74.8
Arts and College Preparatory Academy	9-12	A	55.4	196	70.4
Horizon Science Academy Elementary School	K-5	B	74.5	199	67.8
The Graham School	9-12	C	33.6	183	67.8
Horizon Science Acad. Columbus Middle School (Westerville)	6-8	B	93.5	147	65.3
<i>Buckeye OnLine School for Success</i>	K-12	C	30.2	220	63.6
Great Western Academy	K-8	B	65.4	781	63.5
Performance Academy Eastland	K-8	C	87.0	153	62.7
Cornerstone Academy Community (New Albany)	K-12	B	42.7	273	62.6
Columbus Preparatory Academy (South-Western)	K-12	A+	72.1	636	61.8
Horizon Science Academy Columbus	9-12	A	69.5	312	60.9
FCI Academy	K-12	C	87.6	395	60.0
KIPP: Journey Academy	5-8	B	92.2	131	58.8
<i>Alternative Education Academy</i>	K-12	D	52.9	228	57.5
Whitehall Preparatory and Fitness Academy	K-8	C	86.8	266	56.0
Par Excellence Academy (Newark)	K-6	B	62.1	142	55.6
Cesar Chavez College Preparatory School	K-5	D	90.2	36	55.6
<i>Ohio Virtual Academy</i>	K-12	B	45.2	1,591	55.2
Midnimo Cross Cultural Community School	K-12	F	89.9	131	55.0
Groveport Community School (Groveport Madison)	K-8	D	39.4	963	54.9
Academy of Columbus	K-8	F	89.9	345	54.2
Westside Academy	K-8	B	>95.0	133	54.1
Northland Preparatory and Fitness Academy	K-8	C	85.6	215	53.0
Educational Academy at Linden	K-12	D	20.8	99	51.5
<i>Ohio Connections Academy, Inc.</i>	K-12	B	49.7	323	50.8
Columbus Arts and Technology Academy	K-12	C	58.7	387	50.6
Charles School at Ohio Dominican University	9-12	B	61.2	253	50.6
Millennium Community School	K-8	C	81.2	640	50.0
Crittenton Community School	6-9	F	89.4	34	50.0
Columbus Bilingual Academy	K-8	C	94.1	160	50.0
Noble Academy-Columbus	K-12	B	80.1	138	48.6
Zenith Academy (Gahanna-Jefferson)	K-12	C	>95.0	361	48.5
International Academy Of Columbus (Worthington)	K-10	C	>95.0	194	48.5
Harrisburg Pike Community School	K-8	D	76.0	440	47.7
Gahanna Alternative Community School (Gahanna-Jefferson)	5-12	B	38.1	59	47.5
Sullivant Avenue Community School	K-5	C	73.9	429	45.9
Scholarts Preparatory and Career Center for Children	K-12	F	45.4	132	45.5
<i>Virtual Community School Of Ohio</i>	K-12	C	84.1	738	44.7
<i>Treca Digital Academy*</i>	K-12	D	71.8	246	44.3
Columbus Humanities, Arts and Technology Academy	K-12	D	>95.0	351	42.7
W. C. Cupe College Preparatory School	K-12	NA	73.2	75	42.7
<i>Electronic Classroom Of Tomorrow</i>	K-12	C	75.3	2,164	42.6

More stable

Less stable

Table 8. Columbus Area: Stability rates for charter schools, October 2009–May 2011 (*continued*)

School <i>e-Charter in italics</i> *Dropout recovery school (District location if other than CCS)	Grade range	Rating	Econ. disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
Premier Academy of Ohio	7-12	D	94.8	225	42.2
South Scioto Academy	K-6	C	66.6	158	41.8
Columbus Collegiate Academy	6-8	B	93.4	86	40.7
A+ Arts Academy	K-12	B	88.0	155	40.0
C.M. Grant Leadership Academy	K-8	F	<5.0	161	39.1
<i>London Academy*</i>	9-12	F	52.9	262	38.9
Providence Academy for Student Success	K-12	F	91.3	269	37.2
<i>Newark Digital Academy</i>	K-12	D	56.2	148	37.2
<i>Lancaster Digital Academy*</i>	K-12	NA	74.0	83	36.1
Pschtecinc Public School*	8-12	F	>95.0	75	32.0
Columbus Preparatory and Fitness Academy (South-Western)	K-8	D	85.3	91	31.9
Hamilton Local Digital Academy (Hamilton)*	K-12	C	33.3	103	31.1
Focus Learning Academy of Northern Columbus*	K-12	F	88.8	293	30.0
Focus Learning Academy of Southeastern Columbus*	9-12	F	92.0	212	17.0
Focus Learning Academy of Southwest Columbus*	9-12	D	89.9	274	13.9
Academic Acceleration Academy*	9-12	F	>95.0	17	11.8
Life Skills Center of Columbus Southeast*	9-12	C	79.4	232	10.3
Life Skills Center of Columbus North*	9-12	C	83.2	206	6.3

less stable

Source: CRP analysis of ODE enrollment records

Note: Table 8 is limited to charter schools with average daily enrollment of at least 50 students in school year 2010-2011, and in operation during both school years 2009-2010 and 2010-2011.

3.3 Churn rate

What is the number and rate of total school year moves (admissions and withdrawals) for each district and building during a school year?

District churn rate for Columbus Area districts

There were more than 20,000 admissions to and withdrawals from schools in the 16 Columbus Area Ring 1 districts during the 2010-2011 school year. For most of these districts, churn in grades K-8 resulted in a net gain of students (more admissions than withdrawals), while the churn in grades 9-12 produced a net loss of students (more withdrawals than admissions).

Columbus City Schools

- Among all of the Columbus Area Ring 1 districts, CCS had the greatest gap between the grades K-8 churn rate (18.5%) and the rate for grades 9-12 (23.5%) (Table 9).
- Compared to the 15 districts designated as Major Urban by ODE, CCS had the 5th highest grades K-8 churn rate and the 6th highest grades 9-12 churn rate (Table i). Akron City Schools had the lowest grades K-8 churn rate (12.3%), while East Cleveland City Schools had the greatest churn, with a rate of 23.9% for grades K-8. Cincinnati City Schools had the lowest churn rate for grades 9-12 (15.2%), and Toledo City School had the highest grades 9-12 rate (31.1%).

Other Columbus Area Districts

- Whitehall City, Groveport Madison, and Hamilton Local had churn rates of more than 20% for both grades K-8 and grades 9-12. Upper Arlington, Bexley, and Grandview Heights had churn rates of less than 5% for both grades K-8 and grades 9-12.
- In the Columbus Area, about half of all districts (23 of 44) have a higher churn rate for grades K-8 than for grades 9-12 (see Maps 5 and 6).

Table 9. Columbus Area Ring 1 Districts: One-year churn rates, grades K-8 and 9-12, school year 2010–2011

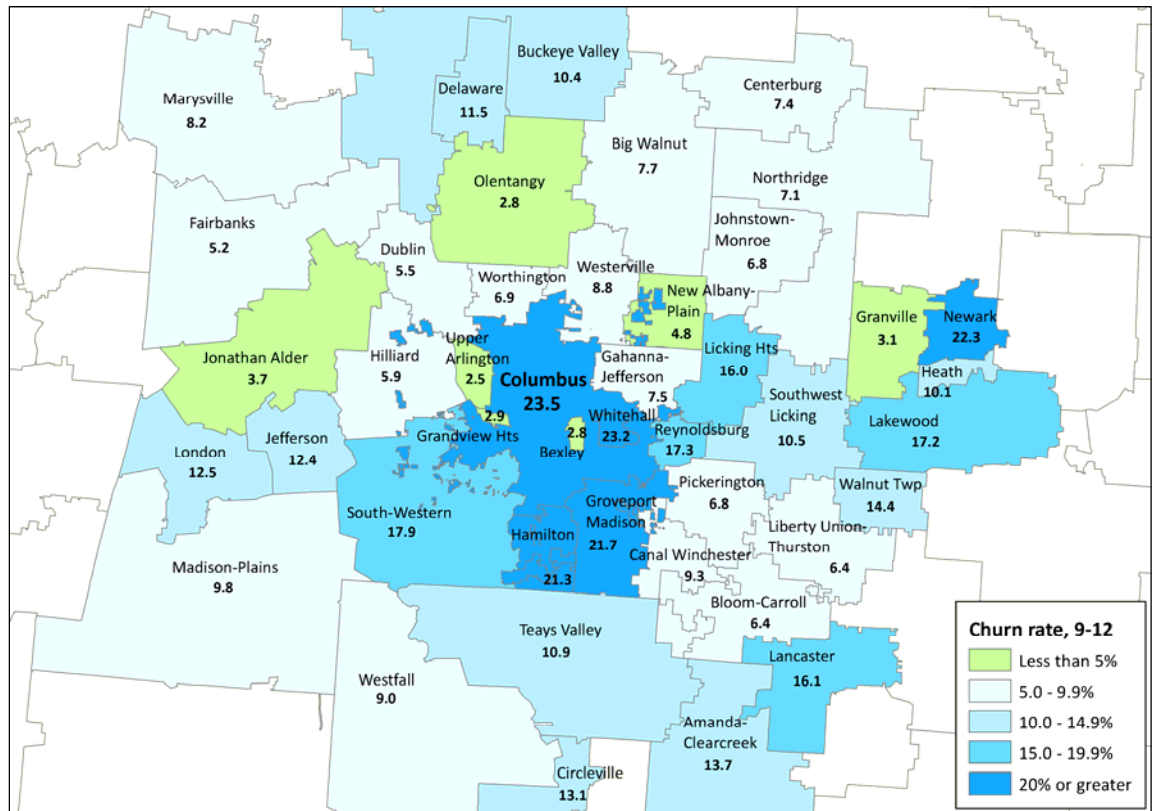
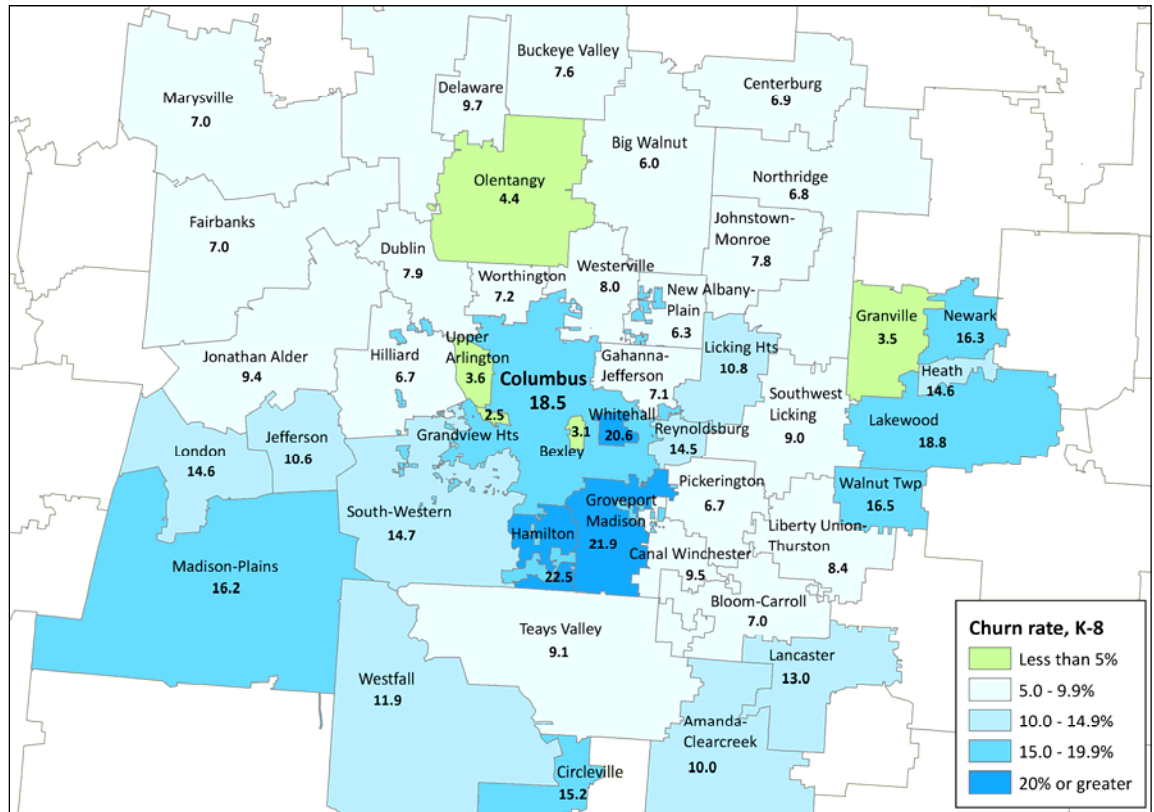
District	Grades K–8				Grades 9–12				K-12 churn rate (%)
	Oct. 2010 enrollment	Admits	Withdrawals	Churn rate (%)	Oct. 2010 enrollment	Admits	Withdrawals	Churn rate (%)	
Grandview Hts.	760	7	12	2.5	343	4	6	2.9	2.6
Bexley	1,408	26	18	3.1	689	8	11	2.8	3.0
Upper Arlington	3,370	71	50	3.6	1,801	19	26	2.5	3.2
New Albany-Plain	3,120	106	90	6.3	1,170	23	33	4.8	5.9
Hilliard	10,554	363	349	6.7	4,495	92	171	5.9	6.5
Worthington	6,227	216	234	7.2	2,814	51	144	6.9	7.1
Dublin	9,673	414	355	7.9	4,318	91	147	5.5	7.2
Gahanna-Jefferson	4,761	176	164	7.1	2,274	56	114	7.5	7.2
Westerville	9,975	404	398	8.0	4,505	146	252	8.8	8.3
Canal Winchester	2,495	113	125	9.5	1,009	36	58	9.3	9.5
Reynoldsburg	4,212	298	314	14.5	1,682	109	182	17.3	15.3
South-Western	13,688	975	1,031	14.7	6,299	417	709	17.9	15.7
Columbus	34,938	3,239	3,215	18.5	13,961	1,248	2,039	23.5	19.9
Whitehall	2,004	206	206	20.6	768	64	114	23.2	21.3
Groveport Madison	3,901	457	398	21.9	1,517	112	217	21.7	21.9
Hamilton	2,173	238	252	22.5	793	50	119	21.3	22.2
Total Ring 1	113,259	7,309	7,211		48,438	2,526	4,342		

Less churn
More churn

Source: CRP analysis of ODE enrollment records

Note: Grade is based on a student's highest grade level during school year 2010–2011.

Maps 5 and 6. Columbus Area: One-year district churn rate for grades K–8 and 9–12, school year 2010–2011



Source: CRP analysis of ODE enrollment records

Building churn rate for Columbus City Schools

Many of the CCS schools with low churn rates are alternative schools (Table 10). CCS buildings with the highest churn rates have school year admissions and withdrawals equivalent to more than one-third of total enrollment (Table 11).

Table 10. CCS: 40 lowest building churn rates, school year 2010–2011

School building	Grade range	Rating	Econ. Disadv. (%)	Oct. 2010 enrollment	Churn rate (%)
Ecole Kenwood Alternative Elementary School	K-8	A	62.8	358	2.2
Arts Impact Middle School (AIMS)	6-8	C	80.6	516	2.7
Columbus Spanish Immersion Elementary School	K-8	B	80.8	394	3.0
Columbus City Preparatory School for Girls	6	A	88.2	157	3.2
Indianola Informal School	K-8	A	36.7	579	4.0
Berwick Alternative Elementary School	PK-8	A	62.5	642	5.0
Columbus Alternative High School	9-12	A	61.0	624	5.9
Fort Hayes Arts and Academic HS	9-12	B	70.3	613	6.0
Stewart Alternative Elementary School at Beck	K-5	C	75.7	292	6.5
Clinton Elementary School @ Old Hubbard	K-5	A+	39.4	336	6.5
Oakland Park Alternative Elementary	PK-5	C	72.1	304	6.9
Columbus City Preparatory School for Boys	6	C	88.6	122	7.4
Columbus International High School	9	NA	80.4	173	8.1
Eastmoor Academy	9-12	B	72.3	716	8.2
Columbus Africentric Early College	6-12	C	88.8	594	8.2
Monroe Alternative Middle School	6-8	C	85.9	435	8.7
Duxberry Park Alternative Elementary School	PK-5	C	84.5	274	9.1
Columbus Africentric Early College Elementary	K-5	F	>95.0	287	9.4
Colerain Elementary School	PK-5	A+	60.4	175	9.7
Siebert Elementary School	PK-5	D	85.6	255	11.4
Devonshire Alternative Elementary School	PK-5	C	76.1	459	12.0
Ridgeview Middle School	6-8	A	56.2	503	12.7
Centennial High School	9-12	A	52.9	781	13.2
Indian Springs Elementary School	K-5	A	49.2	419	16.7
Woodcrest Elementary School	PK-5	C	86.8	363	16.8
Georgian Heights Alt Elem @ Old Wedgewood	K-5	B	67.7	391	17.1
Cedarwood Alternative Elementary @ Stockbridge	PK-5	B	79.1	350	17.7
Winterset Elementary School	PK-5	A	50.6	281	18.1
Wedgewood Middle School	6-8	C	79.4	526	18.3
Alpine Elementary School	K-5	B	72.8	497	18.3
Northtowne Elementary School	PK-5	D	89.2	256	18.4
Parsons Elementary School	PK-5	C	81.0	422	18.5
Fifth Avenue International School	K-6	C	90.7	350	18.6
Weinland Park Elementary School	PK-5	D	92.3	316	19.0
Olde Orchard Alt Elementary @ Old Shady Lane	K-5	C	76.1	446	19.3
Maize Road Elementary School	PK-5	C	79.8	298	20.8
Scottwood Elementary School	PK-5	C	88.2	350	20.9
Avalon Elementary School	K-5	B	65.9	558	21.1
Northland High School	9-12	B	77.1	1,071	21.2
Dominion Middle School	6-8	B	66.4	536	21.6

Source: CRP analysis of ODE enrollment records

Note: Tables 10 and 11 are limited to school buildings with average daily enrollment of at least 50 students in school year 2010–2011.

Table 11. CCS: 40 highest building churn rates, school year 2010–2011

School building	Grade range	Rating	Econ. Disadv. (%)	Oct. 2010 enrollment	Churn rate (%)
Innis Elementary School	K-5	D	91.4	343	35.6
Brookhaven High School	9-12	D	87.5	713	35.8
Cassady Alternative Elementary School	K-5	D	92.8	347	36.0
Liberty Elementary School	K-5	F	88.2	277	36.1
Mifflin Alternative Middle School	6-8	D	93.1	537	37.1
Medina Middle School	6-8	D	93.9	483	37.9
Leawood Elementary School	PK-5	F	92.2	291	38.5
Salem Elementary School	K-5	C	86.3	357	39.2
Johnson Park Middle School	6-8	D	94.2	441	39.2
West Mound Elementary School	PK-5	C	94.4	428	39.3
Mifflin High School	9-12	C	87.4	676	40.1
West High School	9-12	C	86.9	942	40.2
Lindbergh Elementary School	K-5	D	86.8	283	40.3
Fairwood Alternative Elementary School	PK-5	F	92.6	372	40.3
Yorktown Middle School	6-8	C	89.2	454	41.0
Linden STEM Academy	PK-6	C	89.8	495	41.2
Southwood Elementary School	PK-5	C	88.7	299	41.5
Watkins Elementary School	PK-5	D	93.4	369	41.7
East Columbus Elementary School	PK-5	C	>95.0	336	42.3
Champion Middle School	6-8	F	>95.0	283	42.4
Walnut Ridge High School	9-12	B	82.9	754	43.0
Westmoor Middle School	6-8	C	93.4	520	43.7
Windsor STEM Academy	PK-6	F	94.5	346	44.5
Moler Elementary School	PK-5	C	>95.0	215	44.7
Broadleigh Elementary School	PK-5	F	90.4	256	44.9
West Broad Elementary School	PK-5	D	94.6	470	45.5
East Linden Elementary School	PK-5	F	>95.0	283	45.9
Beatty Park Elementary School	K-5	F	>95.0	102	46.1
Heyl Avenue Elementary School	PK-5	F	>95.0	260	46.5
Maybury Elementary School	K-5	B	85.8	315	46.7
Starling Middle School	6-8	D	96.5	281	47.0
Avondale Elementary School	K-5	B	92.3	274	48.2
Southmoor Middle School	6-8	D	>95.0	431	51.5
Highland Elementary School	PK-5	F	94.1	296	52.0
Hamilton STEM Academy	PK-6	D	93.9	438	53.4
Lincoln Park Elementary School	PK-5	D	89.9	308	55.2
Sullivant Elementary School	PK-5	F	>95.0	232	62.1
Linden-McKinley STEM School on Arcadia	7-12	D	94.3	802	64.8
Alum Crest High School	9-12	F	94.9	118	90.7
Special Education Center	PK-12	NA	24.1	148	182.4

Building churn rate for physical charter schools

Physical charter schools in the Columbus Area (Table 12) range from very high—primarily dropout recovery schools—to those with rates below 15%. The range of physical charter school turnover rates is similar to that of CCS buildings.

Table 12. Columbus Area: Churn rates for physical charter schools, school year 2010–2011

School (District location if other than CCS) *Dropout recovery school	Grade range	Rating	Econ. disadv. (%)	Oct. 2010 enrollment	Churn rate
W. C. Cupe College Preparatory School	K-12	NA	73.2	101	0.0
Wickliffe Progressive Community School (Upper Arlington)	K-5	A+	<5.0	493	4.3
Patriot Preparatory Academy	K-12	C	42.1	456	6.6
Horizon Science Academy Elementary School	K-5	B	74.5	300	7.0
Educational Academy at Linden	K-12	D	20.8	107	7.5
The Arch Academy*	8-12	NA	89.8	76	11.8
Oakstone Community School	K-12	A	12.4	227	12.8
Great Western Academy	K-8	B	65.4	694	13.4
Columbus Bilingual Academy	K-8	C	94.1	205	13.7
New Beginnings Academy*	8-12	NA	88.1	56	14.3
Horizon Science Academy Columbus	9-12	A	69.5	377	14.6
Harrisburg Pike Community School	K-8	D	76.0	372	15.6
Par Excellence Academy (Newark)	K-6	B	62.1	135	16.3
Charles School at Ohio Dominican University	9-12	B	61.2	303	16.8
Educational Academy for Boys & Girls	K-12	NA	81.5	81	17.3
Academy of Columbus	K-8	F	89.9	315	17.8
KIPP: Journey Academy	5-8	B	92.2	211	18.5
Columbus Preparatory Academy (South-Western)	K-12	A+	72.1	674	18.5
Sullivant Avenue Community School	K-5	C	73.9	425	18.6
Graham Expeditionary Middle School	5-8	C	61.8	88	20.5
Whitehall Preparatory and Fitness Academy	K-8	C	86.8	283	20.5
A+ Arts Academy	K-12	B	88.0	283	21.2
Youthbuild Columbus Community*	9-12	A	80.6	275	21.5
Horizon Science Academy Columbus Middle School (Westerville)	6-8	B	93.5	321	22.4
Midnimo Cross Cultural Community School	K-12	F	89.9	133	22.6
Cornerstone Academy Community (New Albany-Plain)	K-12	B	42.7	392	22.7
Groveport Community School (Groveport Madison)	K-8	D	39.4	872	22.7
Columbus Bilingual Academy-North	K-8	D	91.1	123	22.8
Millennium Community School	K-8	C	81.2	658	23.1
The Graham School	9-12	C	33.6	237	23.6
Noble Academy-Columbus	K-12	B	80.1	185	24.3
Arts & College Preparatory Academy	9-12	A	55.4	255	25.1
Westside Academy	K-8	B	>95.0	143	25.9
Columbus Arts & Technology Academy	K-12	C	58.7	405	28.9
International Acad Of Columbus (Worthington)	K-10	C	>95.0	195	31.3
Columbus Preparatory and Fitness Academy (South-Western)	K-8	D	85.3	143	32.2
FCI Academy	K-12	C	87.6	390	32.3
Northland Preparatory and Fitness Academy	K-8	C	85.6	260	32.3
Columbus Collegiate Academy	6-8	B	93.4	103	33.0
Performance Academy Eastland	K-8	C	87.0	257	33.9
South Scioto Academy	K-6	C	66.6	162	38.9
Zenith Academy (Gahanna-Jefferson)	K-12	C	>95.0	305	39.3
Providence Academy for Student Success	K-12	F	91.3	213	39.4
C.M. Grant Leadership Academy	K-8	F	<5.0	170	40.0
Cesar Chavez College Preparatory School	K-5	D	90.2	72	41.7
Columbus Performance Academy (Gahanna-Jefferson)	K-8	NA	93.3	62	43.5
Columbus Humanities, Arts and Technology Academy	K-12	D	>95.0	399	44.6
Premier Academy of Ohio	7-12	D	94.8	216	54.6
Gahanna Alternative Community School (Gahanna-Jefferson)	5-12	B	38.1	94	63.8

Less churn

More churn

Table 12. Columbus Area: Churn rates for physical charter schools, school year 2010–2011 (*continued*)

School (District location if other than CCS) *Dropout recovery school	Grade range	Rating	Econ. disadv. (%)	Oct. 2010 enrollment	Churn rate
Scholarts Preparatory and Career Center for Children	K-12	F	45.4	180	64.4
Zenith Academy East	K-8	NA	>95.0	82	67.1
Pshtecin Public School*	8-12	F	>95.0	80	95.0
Crittenton Community School	6-9	F	89.4	81	95.1
Focus Learning Academy of Northern Columbus*	K-12	F	88.8	319	101.3
Cruiser Academy (Groveport Madison)*	9-12	F	17.9	173	109.2
Notten School for Science, Technology, Engineering and Math	K-12	NA	73.9	49	110.2
Academic Acceleration Academy*	9-12	F	>95.0	172	120.3
Focus Learning Academy of Southeastern Columbus*	9-12	F	92.0	223	151.6
Hamilton Local Digital Academy (Hamilton)*	K-12	C	33.3	81	167.9
Reynoldsburg Conversion Community School (Reynoldsburg)*	9-12	F	34.5	61	170.5
Life Skills Center of Columbus North*	9-12	C	83.2	191	175.4
Lancaster Fairfield Community School (Lancaster)*	9-12	C	77.7	32	181.3
Focus Learning Academy of Southwest Columbus*	9-12	D	89.9	290	181.7
Life Skills Center of Columbus Southeast*	9-12	C	79.4	229	229.3

More churn
↓

Source: CRP analysis of ODE enrollment records

Note: Table 12 is limited to charter schools with average daily enrollment of at least 50 students in school year 2010-2011. Appendix includes number of admissions and withdrawals per school that contribute to churn rate.

4.0 Mobility patterns

4.1 Section overview and key concepts

This section of the report examines the patterns of student movement between school districts and buildings and between public districts and charter schools, as well as the characteristics of origin and destination schools. The analysis of mobility patterns includes: (1) district and building mobility patterns, (2) report card ratings of origin and destination schools, and (3) inter-district open enrollment analysis.

This report provides an overview of mobility patterns among Columbus Area schools. Additional mobility pattern data for districts, buildings, and charter schools can be found in the Appendix and online spreadsheets www.researchpartners.org.

Mobility patterns: districts and buildings that exchange students

How many unique students did pairs of buildings or districts have in common (i.e. a student was enrolled in both at some point in time) over two school years? What was the direction of movement (origin and destination) between these districts and buildings?

- **District mobility patterns:** The number of unique students enrolled in two school districts, or a district and a charter school, at some point over two school years (2009-2010 and 2010-2011).
- **Building mobility patterns:** The number of unique students enrolled in two school buildings at some point over two school years (2009-2010 and 2010-2011), including buildings within the same district and buildings in different districts

Data notes

- The mobility patterns analysis includes all combinations of: public school districts and buildings, physical charter schools, and e-charter schools. Vocational schools are excluded. A small percentage of results from dual enrollment; however, most involve non-overlapping enrollment periods.
- A student is counted only once, even if they move between a pair of schools more than once.

Origin and destination ratings: report card rating of schools that exchange students

What is the performance rating of the destination school of mobile students, compared to that of the school of origin?

- **Origin and destination performance ratings:** The school year 2010-2011 state report card rating of the origin and destination schools for the most recent move of students who changed schools during a two school year period (2009-2010 and 2010-2011).

Data notes

- Statewide, 20% of students who withdraw from an Ohio public school have no enrollment destination information in EMIS the following October.

Inter-district open enrollment

How many students are enrolled in a district, which is not their district of residence, through open enrollment?

- **Open enrollment, incoming:** Number and percent of students attending a school in a district through open enrollment policy.
- **Open enrollment, outgoing:** Number and percent of public school students residing in a district, but attending a different district through open enrollment policy.

Data notes

- Open enrollment is the most common reason, but not the only reason, that a student may reside in one district, but attend another.

4.2 District mobility patterns

How many unique students did pairs of districts have in common (i.e. a student was enrolled in both at some point in time) over two school years? What was the direction of movement (origin and destination) between these districts?

District mobility patterns between Columbus City Schools and other districts

Over two school years, the 44 public districts in the Columbus Area exchanged 18,877 students. The largest numbers of exchanges were between districts in close proximity to each other, but CCS also exchanged students with other Major Urban districts across the state. Five districts exchanged at least 500 students with CCS over a two year period, led by South-Western (2,034), Groveport Madison (1,196), and Westerville (886) (Table 13; Maps 7 and 8). Nineteen Ohio districts exchanged at least 100 students with CCS over a two school year period, including Cleveland and Dayton.

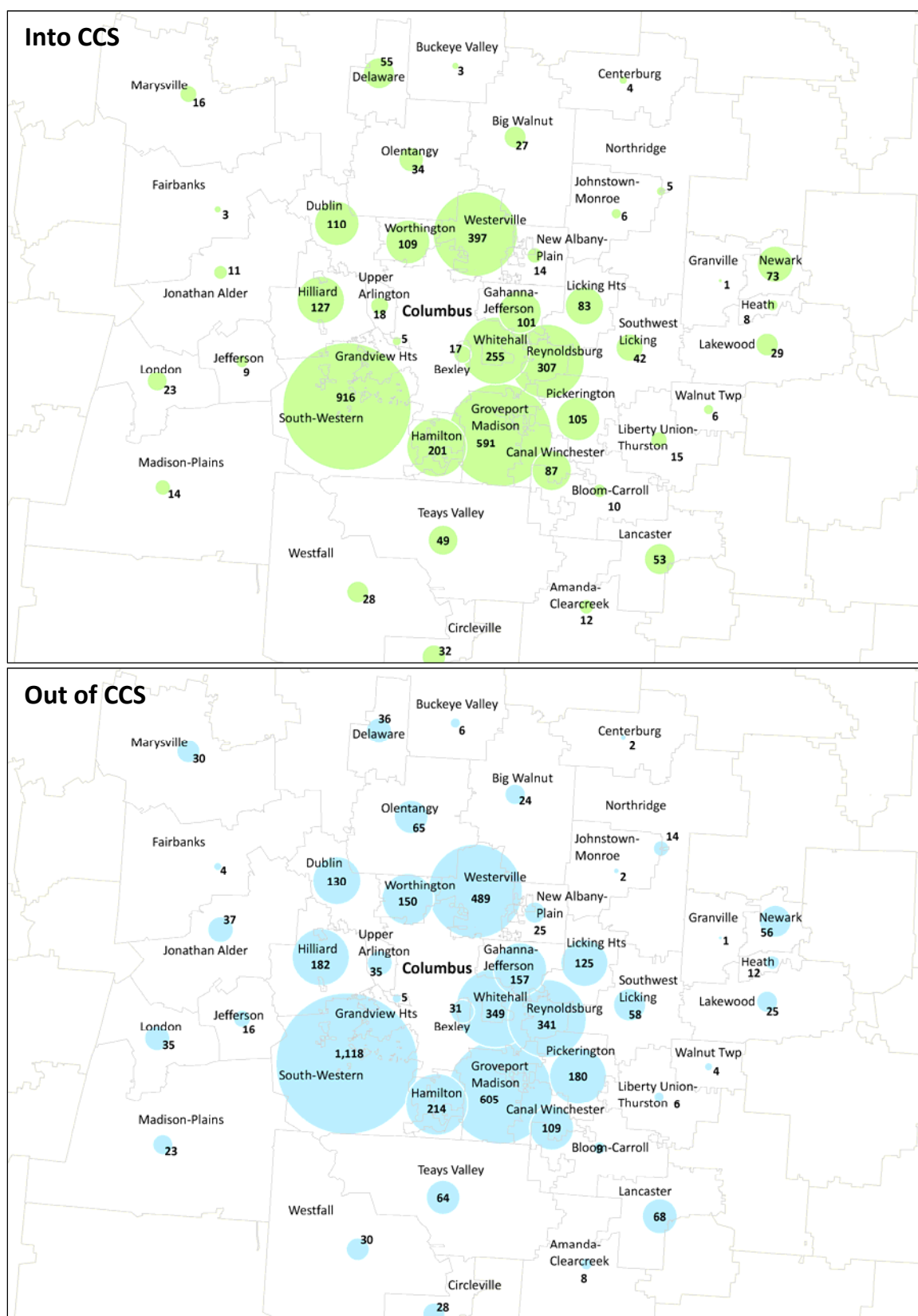
Table 13. Top 30 districts that exchanged students with CCS, October 2009–May 2011

District	Location	District rating	Econ. Disadv. (%)	Total students exchanged	Grades K–7		Grades 8–11	
					To CCS	From CCS	To CCS	From CCS
South-Western	Ring 1	A	54.6	2,034	670	807	246	311
Groveport Madison	Ring 1	A	58.0	1,196	403	450	188	155
Westerville	Ring 1	A+	28.3	886	274	357	123	132
Reynoldsburg	Ring 1	A	41.6	648	202	246	105	95
Whitehall	Ring 1	C	75.7	604	193	265	62	84
Hamilton	Ring 1	B	61.6	415	155	172	46	42
Hilliard	Ring 1	A+	22.4	309	97	144	30	38
Pickerington	Ring 2	A+	16.6	285	71	140	34	40
Worthington	Ring 1	A	23.4	259	73	117	36	33
Gahanna-Jefferson	Ring 1	A+	25.6	258	73	126	28	31
Dublin	Ring 1	A+	14.0	240	86	109	24	21
Licking Heights	Ring 2	A	39.3	208	48	91	35	34
Canal Winchester	Ring 1	A+	27.2	196	67	80	20	29
Newark	Ring 2	A	57.7	129	60	46	13	10
Cleveland	Other Ohio	D	>95.0	122	38	47	21	16
Lancaster	Ring 2	A	51.6	121	37	49	16	19
Teays Valley	Ring 2	A+	28.3	113	39	50	10	14
Dayton	Other	C	92.5	111	33	51	13	14
Southwest Licking	Ring 2	A	30.9	100	32	45	10	13
Olentangy	Ring 2	A+	7.4	99	25	49	9	16
Akron	Other Ohio	C	84.7	92	29	40	10	13
Delaware	Ring 2	A+	35.5	91	45	30	10	6
Toledo	Other Ohio	C	76.6	83	21	32	10	20
Springfield (Clark County)	Other Ohio	B	76.3	80	28	33	14	5
Youngstown	Other Ohio	D	91.9	74	19	28	10	17
Mansfield	Other Ohio	C	84.1	72	29	27	12	4
Zanesville	Other Ohio	C	64.6	67	19	26	9	13
Chillicothe	Other Ohio	B	60.2	64	25	30	3	6
Cincinnati	Other Ohio	B	69.7	63	16	23	13	11
Marion (Marion County)	Other Ohio	C	69.0	62	20	22	12	8
Total top 30 districts				9,081	2,927	3,732	1,172	1,250

Source: CRP analysis of ODE enrollment records

Notes: Grade is the student's highest grade level during school year 2009–10. A student may have been enrolled in another district, charter school, or outside the Ohio public system between the periods of enrollment in the districts paired above. For example, a student who moves from CCS to South-Western to Westerville schools would be included in two pairs: CCS/South-Western and CCS/Westerville. Totals include only those students for whom grade level is available for school year 2009–10.

Maps 7 and 8. Students moving between CCS and another district in the Columbus Area, October 2009–May 2011



Source: CRP analysis of ODE enrollment records

District mobility patterns among Columbus Area districts

Over two years, there were 7,238 student exchanges among the 25 largest Columbus Area districts (excluding CCS) (Table 14). The South-Western, Groveport Madison, Reynoldsburg, Westerville, and Hilliard districts had the most inter-district exchanges. Districts that exchanged more than 150 students were South-Western and Hilliard, South-Western and Groveport Madison, Groveport Madison and Reynoldsburg, Dublin and Hilliard, and Groveport Madison and Hamilton Local.

Table 14. Columbus Area largest 25 districts (excluding CCS): Students exchange between pairs of districts, October 2009–May 2011

DESTINATION DISTRICT																									
ORIGIN DISTRICT	Big Walnut	Buckeye Valley	Canal Winchester	Delaware	Dublin	Gahanna-Jefferson	Granville	Groveport Madison	Hamilton Local	Hilliard	Lancaster	Licking Hts	Marysville	New Albany-Plain	Newark	Olentangy	Pickerington	Reynoldsburg	Southwest Licking	South-Western	Teays Valley	Upper Arlington	Westerville	Whitehall	Worthington
Big Walnut		2	-	19	4	8	-	2	-	6	4	8	-	4	1	6	3	2	2	11	1	2	30	4	7
Buckeye Valley	11		-	64	7	-	2	-	-	1	-	-	11	-	1	8	2	-	-	-	1	-	3	3	6
Canal Winchester	-	-		-	-	6	-	55	11	3	18	11	5	5	-	4	34	21	7	10	8	3	7	10	3
Delaware	12	70	3		15	4	3	6	3	8	5	6	17	2	5	47	1	2	6	12	3	-	16	2	12
Dublin	5	2	2	4		11	3	7	4	72	1	3	15	6	1	74	6	12	1	43	2	10	22	1	57
Gahanna-Jefferson	2	-	5	8	11		2	19	5	11	8	26	2	18	9	8	31	23	12	29	3	4	39	10	5
Granville	-	-	-	-	-	1		-	-	-	-	-	-	2	5	4	2	-	2	1	-	-	6	-	7
Groveport Madison	1	2	61	8	7	22	-		87	8	15	22	1	2	9	7	63	75	21	107	13	3	40	35	18
Hamilton Local	-	1	6	-	5	4	-	67		5	4	9	-	-	4	3	12	20	4	65	25	1	4	3	1
Hilliard	6	1	4	8	81	7	4	23	13		-	4	15	5	3	30	17	7	2	197	10	13	41	4	11
Lancaster	5	-	11	3	3	1	-	16	8	1		6	6	-	10	3	26	16	8	15	16	1	4	6	1
Licking Hts	2	-	6	9	7	50	-	20	8	9	2		-	2	6	7	22	31	41	13	4	-	15	9	6
Marysville	1	8	-	12	22	4	-	1	-	12	4	-		5	-	8	7	1	-	18	1	-	5	-	3
New Albany-Plain	4	-	1	2	2	10	3	1	1	1	1	4	-		-	22	3	1	1	3	1	4	26	3	2
Newark	1	-	4	-	4	5	11	4	9	8	17	8	6	6		5	8	6	34	13	3	-	6	8	1
Olentangy	14	8	4	28	21	9	3	3	1	21	2	2	7	8	3		11	1	1	13	1	1	32	-	23
Pickerington	2	1	20	1	14	15	2	52	9	9	15	18	-	8	5	18		50	17	35	2	2	14	7	8
Reynoldsburg	1	-	39	12	15	46	-	88	13	13	11	75	6	7	14	11	94		39	38	5	1	34	48	14
Southwest Licking	2	-	7	2	3	7	9	19	3	7	7	20	5	1	28	5	17	24		22	2	-	11	4	3
South-Western	8	12	22	11	43	17	1	65	73	222	35	25	16	4	13	34	37	35	9		77	15	61	25	37
Teays Valley	-	2	5	1	2	7	-	28	33	9	13	4	3	-	-	5	4	6	-	61		-	4	6	2
Upper Arlington	1	1	-	-	6	2	1	-	-	6	-	-	2	1	-	2	1	1	-	7	1		3	2	6
Westerville	34	3	9	20	31	65	3	33	7	28	1	19	5	33	3	56	15	33	2	60	-	4		9	53
Whitehall	-	-	5	-	-	19	-	63	18	10	4	7	2	2	2	1	13	39	5	29	5	1	17		7
Worthington	6	5	3	15	52	13	3	16	1	11	4	11	13	4	3	85	6	18	1	24	2	5	53	4	

Source: CRP analysis of ODE enrollment records

District mobility patterns between Columbus City Schools and charter schools

Over two years, the 30 largest charter schools exchanged a total of 6,905 students with CCS schools (Table 15). Eighteen charter schools exchanged at least 150 students with CCS, led by eCOT (1,591) and Millennium Community School (356). Three e-charters were among top five charter schools that exchanged students with CCS. For grades K-7, more students came to CCS from charter schools (1,812) than went to charter schools from CCS (1,716). For grades 8-11, 2.5 students went to a charter school from CCS (2,402) for every one student that came to CCS (939) from a charter school.

Table 15. Top 30 charter schools in students exchanged with CCS, October 2009–May 2011

Charter school <i>e-charters in italics</i> *Dropout recovery school	Rating	Econ. disadv. (%)	Total students exchanged	Grades K–7		Grades 8–11	
				To CCS	From CCS	To CCS	From CCS
<i>Electronic Classroom Of Tomorrow</i>	C	76.9	1,591	234	334	257	766
Millennium Community School	C	81.2	356	211	115	28	2
Focus Learning Academy of Southwest Columbus*	D	89.9	304	0	0	31	273
<i>Virtual Community School Of Ohio</i>	C	79.2	297	40	57	74	126
<i>Ohio Virtual Academy</i>	B	55.3	279	87	106	40	46
Academic Acceleration Academy*	F	>95.0	266	0	0	10	256
FCI Academy	C	87.6	228	78	72	46	32
Columbus Humanities, Arts and Technology Academy	D	>95.0	224	132	74	15	3
Providence Academy for Student Success	F	91.3	219	64	58	49	48
Focus Learning Academy of Northern Columbus*	F	88.8	201	21	25	24	131
Horizon Science Academy Cols. Middle School	B	93.5	187	42	117	23	5
Life Skills Center of Columbus Southeast*	C	79.4	179	0	0	23	156
Columbus Arts and Technology Academy	C	58.7	174	99	56	19	0
Focus Learning Academy of Southeastern Columbus*	F	92.0	174	0	0	19	155
KIPP: Journey Academy	B	92.2	173	65	108	0	0
Premier Academy of Ohio	D	94.8	166	19	36	54	57
Life Skills Center of Columbus North*	C	83.2	164	0	0	30	134
Harrisburg Pike Community School	D	76.0	152	108	44	0	0
C.M. Grant Leadership Academy	F	<5.0	144	88	56	0	0
A+ Arts Academy	B	88.0	143	44	72	25	2
Academy of Columbus	F	89.9	142	75	46	21	0
Columbus Preparatory Academy	A+	72.1	140	80	42	18	0
<i>Treca Digital Academy</i>	D	72.4	137	11	18	24	84
South Scioto Academy	C	66.6	134	89	45	0	0
Columbus Collegiate Academy	B	93.4	131	77	54	0	0
Northland Preparatory and Fitness Academy	C	85.6	131	55	65	7	4
Crittenton Community School	F	89.4	120	8	50	23	39
Groveport Community School	D	39.4	118	86	16	15	1
Horizon Science Academy Columbus	A	69.5	116	0	0	50	66
Scholarts Preparatory and Career Center for Children	F	45.4	115	35	50	14	16
Total top 30 charter schools			6,905	1,848	1,716	939	2,402

Source: CRP analysis of ODE enrollment records

Note: Grade is based on a student's highest grade level during school year 2009–2010.

Columbus City Schools mobility patterns summary: other districts and charters

Over two school years, 16,742 unique students transferred between CCS and another Ohio district or charter school (Table 16). Of these:

- 55% moved to or from another district
- 33% moved to or from a physical charter school
- 12% moved to or from an e-charter school

The largest number of moves to and from other districts or charters occurred among 9th grade students (1,804), followed by kindergarten (1,446), 1st grade (1,428), and 5th grade (1,423).

Table 16. Students moving into or out of CCS by grade and origin/destination type, Oct. 2009–May 2011

Grade	Another public district		Physical charter school		E-charter school	
	To CCS	From CCS	To CCS	From CCS	To CCS	From CCS
All grades	3,389	5,824	2,086	3,486	538	1,419
K	332	612	236	216	18	32
1	349	613	210	208	20	28
2	333	587	170	220	28	27
3	303	527	183	191	26	30
4	287	561	147	199	23	34
5	219	565	164	364	32	79
6	288	415	212	214	52	108
7	214	418	133	172	69	132
8	165	429	221	208	78	184
9	295	367	145	525	93	379
10	214	256	79	397	55	204
11	140	142	48	290	28	121
12	44	57	26	185	7	36
NA	206	275	112	97	9	25

Source: CRP analysis of ODE enrollment records

Note: Grade is based on a student's highest grade level during school year 2009–2010; NA- grade level not available.

4.3 Building mobility patterns

How many unique students did pairs of buildings have in common (i.e. a student was enrolled in both at some point in time) over two school years? What was the direction of movement (origin and destination) between these buildings?

Exchanges between Columbus City Schools buildings and buildings in other districts

Because of their size, the largest numbers of CCS inter-district building moves occurred at the high school level. Only four of the top 30 exchanges involved elementary schools. CCS Independence, West, Briggs, and Walnut Ridge high schools exchanged a total of at least 75 students each with high schools in the Groveport Madison, South-Western, Whitehall, and Reynoldsburg districts (Table 17).

Table 17. CCS and other districts: 30 building pairs that exchanged the most students, October 2009–May 2011

CCS school building (X)	Rating of Building X	School building in another district (Y)	District of Building Y	Rating of Building Y	Students exchanged
Independence High	D	Groveport Madison High	Groveport Madison	B	61
Briggs High	C	Westland High	South-Western	C	51
West High	C	Westland High	South-Western	C	46
Briggs High	C	Franklin Heights High	South-Western	C	40
Walnut Ridge High	B	Groveport Madison High	Groveport Madison	B	36
West High	C	Franklin Heights High	South-Western	C	36
Briggs High	C	Central Crossing High	South-Western	C	31
Marion-Franklin High	C	Groveport Madison High	Groveport Madison	B	31
Walnut Ridge High	B	Whitehall Yearling High	Whitehall	B	29
Walnut Ridge High	B	Reynoldsburg High	Reynoldsburg	A	28
Independence High	D	Reynoldsburg High	Reynoldsburg	A	28
Hilltonia Middle	D	Norton Middle	South-Western	A	27
Sherwood Middle	D	Rosemore Middle	Whitehall	C	25
West High	C	Central Crossing High	South-Western	C	24
Parsons Elementary	C	Hamilton Intermediate	Hamilton	B	24
West Broad Elementary	D	Stiles Elementary	South-Western	C	24
Hilltonia Middle	D	Finland Middle	South-Western	C	23
Buckeye Middle	D	Hamilton Middle	Hamilton	B	22
Cedarwood Alternative Elementary at Stockbridge	B	Hamilton Intermediate	Hamilton	B	21
Wedgewood Middle	C	Pleasant View Middle	South-Western	B	20
Westmoor Middle	C	Pleasant View Middle	South-Western	B	20
Hilltonia Middle	D	Galloway Ridge Intermed.	South-Western	A	19
Valleyview Elementary	B	Stiles Elementary	South-Western	C	19
Marion-Franklin High	C	Hamilton Township High	Hamilton	A	18
Parsons Elementary	C	Hamilton Elementary	Hamilton	A	18
Beechcroft High	C	Westerville Central High	Westerville	A	18
Westmoor Middle	C	Norton Middle	South-Western	A	18
Burroughs Elementary	F	West Franklin Elementary	South-Western	A	18
South High	D	Groveport Madison High	Groveport Madison	B	18
Yorktown Middle	C	Baldwin Road Junior High	Reynoldsburg	B	17

Source: CRP analysis of ODE enrollment records

Exchanges between Columbus City Schools buildings and physical charter schools

Over two years, the CCS buildings and the physical charter schools that exchanged the most students exchanged a total of 905 students (Table 18). Of these, 77% involved exchanges between a CCS high school and a dropout recovery charter school. Millennium Community School exchanged 118 students with five CCS elementary schools.

Table 18. CCS and physical charter schools: 30 building pairs that exchanged the most students, October 2009–May 2011 (1)

CCS school building (X)	Rating Bldg. X	Physical charter school (Y) *Dropout recovery school	Rating Bldg. Y	Students exchanged
Marion-Franklin High School	C	Focus Learning Academy of Southwest Columbus*	D	72
West High School	C	Focus Learning Academy of Southwest Columbus*	D	52
South High School	D	Focus Learning Academy of Southwest Columbus*	D	52
Brookhaven High School	D	Academic Acceleration Academy*	F	47
Beechcroft High School	C	Academic Acceleration Academy*	F	44
Walnut Ridge High School	B	Focus Learning Academy of Southeastern Columbus*	F	41
Walnut Ridge High School	B	Life Skills Center of Columbus Southeast*	C	37
Independence High School	D	Focus Learning Academy of Southeastern Columbus*	F	35
Briggs High School	C	Focus Learning Academy of Southwest Columbus*	D	32
Leawood Elementary School	F	Millennium Community School	C	31
Northland High School	B	Life Skills Center of Columbus North*	C	28
East High School	C	Focus Learning Academy of Southwest Columbus*	D	27
Woodward Park Middle School	C	Horizon Science Academy Columbus Middle School	B	27
Brookhaven High School	D	Life Skills Center of Columbus North*	C	26
East High School	C	Focus Learning Academy of Southeastern Columbus*	F	26
Eastmoor Academy	B	Academic Acceleration Academy*	F	25
Independence High School	D	Life Skills Center of Columbus Southeast*	C	24
Maybury Elementary School	B	Millennium Community School	C	24
Northland High School	B	Focus Learning Academy of Northern Columbus*	F	23
Northland High School	B	Horizon Science Academy Columbus	A	23
Georgian Heights Alt Elementary School at Old Wedgewood MS	B	Columbus Preparatory Academy	A+	22
Fairmoor Elementary School	D	Millennium Community School	C	22
Sherwood Middle School	D	Millennium Community School	C	21
Briggs High School	C	Academic Acceleration Academy*	F	21
Marion-Franklin High School	C	Academic Acceleration Academy*	F	21
East High School	C	Life Skills Center of Columbus Southeast*	C	21
Sherwood Middle School	D	Premier Academy of Ohio	D	21
Liberty Elementary School	F	Millennium Community School	C	20
Centennial High School	A	Academic Acceleration Academy*	F	20
Brookhaven High School	D	Focus Learning Academy of Northern Columbus*	F	20

Source: CRP analysis of ODE enrollment records

(1) E-charter schools were not included in this analysis, because of the high number of students exchanged between CCS buildings and ECOT. If ECOT had been included, most of the exchange pairs in the table would have included ECOT.

Exchanges between Columbus City Schools buildings

Over the two school years, 5,389 CCS students made a non-promotional change of school within the CCS district. Of the exchanges in Table 19, Walnut Ridge High was the most frequent receiving school, followed by Mifflin High, West High, and West Broad Elementary. The most frequent sending schools were Brookhaven High, East High, Marion-Franklin High, and Burroughs Elementary.

Table 19. CCS: 30 building pairs that exchanged the most students, October 2009–May 2011

CCS school building (X)	Rating of Building X	CCS school building (Y)	Rating of Building Y	Students exchanged
Briggs High	C	West High	C	84
Mifflin High	C	Walnut Ridge High	B	42
Marion-Franklin High	C	South High	D	41
Brookhaven High	D	Mifflin High	C	40
Burroughs Elementary	F	West Broad Elementary	D	39
Buckeye Middle	D	Southmoor Middle	D	38
East High	C	Walnut Ridge High	B	37
Independence High	D	Walnut Ridge High	B	36
East High	C	Linden-McKinley STEM on Arcadia	D	35
Hilltonia Middle	D	Westmoor Middle	C	33
Brookhaven High	D	Northland High	B	30
Linden-McKinley STEM on Arcadia	D	Mifflin High	C	30
South High	D	West High	C	30
Burroughs Elementary	F	Highland Elementary	F	29
Hilltonia Middle	D	Starling Middle	D	29
Valleyview Elementary	B	West Broad Elementary	D	28
Brookhaven High	D	Linden-McKinley STEM on Arcadia	D	27
Fairwood Alternative Elementary	F	Ohio Avenue Elementary	D	27
Marion-Franklin High	C	Walnut Ridge High	B	26
Sherwood Middle	D	Yorktown Middle	C	26
Southmoor Middle	D	Starling Middle	D	26
Brookhaven High	D	East High	C	25
East High	C	Independence High	D	25
Highland Elementary	F	West Broad Elementary	D	25
Independence High	D	Marion-Franklin High	C	25
Linden-McKinley STEM on Arcadia	D	Medina Middle	D	25
South High	D	Walnut Ridge High	B	25
Avondale Elementary	B	Dana Avenue Elementary	D	24
Brookhaven High	D	Independence High	D	23
Beechcroft High	C	Mifflin High	C	22

Source: CRP analysis of ODE enrollment records

4.4 Origin and destination performance ratings

What is the performance rating of the destination school of mobile students, compared to the rating of the school of origin?

Tables 20-25 display the school year 2010–2011 state report card performance rating of the origin school and destination school for the most recent move a student made over a two school year period, where one of the schools was in the CCS district. Green table cells denote a destination school that is at least two ratings higher than the origin school, and orange cells denote a destination that is at least two rating lower than the origin schools. These tables exclude school changes involving a building with no rating available.

Exiting Columbus City Schools for another district

Of the 5,473 students over two years who exited CCS for another district, 52.1% moved to a school with a performance rating at least two ratings *higher* than their CCS school of origin, while 2.0% moved to a school with a rating two or more ratings *lower* than their school of origin.

Table 20. Rating of origin and destination buildings for students *exiting* CCS for another district, Oct. 2009–May 2011

<i>n</i> =5,473 moves	Rating of DESTINATION school in other Ohio district					
Rating of ORIGIN CCS school	A+	A	B	C	D	F
Excellent with Distinction (A+)	15	26	10	2	0	0
Excellent (A)	47	187	60	36	5	3
Effective (B)	88	409	215	121	35	6
Continuous Improvement (C)	183	693	550	378	51	14
Academic Watch (D)	140	658	518	302	70	30
Academic Emergency (F)	60	226	180	105	40	10

Source: CRP analysis of ODE enrollment records

Entering Columbus City Schools from another district

Of the 3,230 students over two years who entered CCS from another district, 1.5% moved to a CCS school with a performance rating at least two ratings *higher* than their school of origin, while 54.6% moved to a CCS school with a rating two or more ratings *lower* than their school of origin.

Table 21. Rating of origin and destination buildings for students *entering* CCS from another district, Oct. 2009–May 2011

<i>n</i> =3,230 moves	Rating of DESTINATION CCS school					
Rating of ORIGIN school in other Ohio district	A+	A	B	C	D	F
Excellent with Distinction (A+)	3	24	48	81	102	25
Excellent (A)	8	84	200	431	406	136
Effective (B)	4	54	152	285	364	116
Continuous Improvement (C)	0	17	89	207	188	54
Academic Watch (D)	0	0	13	37	48	15
Academic Emergency (F)	1	0	4	8	19	7

Source: CRP analysis of ODE enrollment records

Exiting Columbus City Schools for a charter school

Of the 4,450 students over two years who left CCS for a charter school, 14.2% moved to a charter school with a performance rating at least two ratings *higher* than their CCS school of origin, while 17.4% moved to a charter school with a rating two or more ratings *lower* than their school of origin.

Table 22. Rating of origin and destination buildings for students *exiting* CCS for a public charter school (including e-charters), October 2009–May 2011

<i>n</i> =4,450 moves	Rating of DESTINATION charter school					
Rating of ORIGIN CCS school	A+	A	B	C	D	F
Excellent with Distinction (A+)	1	0	5	2	0	2
Excellent (A)	4	13	51	131	13	71
Effective (B)	18	38	90	300	83	145
Continuous Improvement (C)	10	64	215	726	310	322
Academic Watch (D)	11	36	221	657	192	290
Academic Emergency (F)	4	4	99	166	66	90

Entering Columbus City Schools from a charter school

Of the 2,425 students over two years who entered CCS from a charter school, 11.7% moved to a CCS school with a performance rating at least two ratings *higher* than their school of origin, while 19.0% moved to a CCS school with a rating two or more ratings *lower* than their school of origin.

Table 23. Rating of origin and destination buildings for students *entering* CCS from a public charter school (including e-charters), October 2009–May 2011

<i>n</i> =2,425	Rating of DESTINATION CCS school					
Rating of ORIGIN charter school	A+	A	B	C	D	F
Excellent with Distinction (A+)	1	2	21	20	14	5
Excellent (A)	0	5	18	18	17	0
Effective (B)	0	27	55	147	160	45
Continuous Improvement (C)	0	72	109	384	376	161
Academic Watch (D)	0	11	43	149	157	70
Academic Emergency (F)	0	8	49	100	131	50

Moving between Columbus City Schools buildings

Of the 5,221 students over two years who made a non-promotional move from one CCS building to another, 13.0% moved to a building with a performance rating at least two ratings *higher* than their CCS school of origin, while 13.7% moved to a building with a rating two or more ratings *lower* than their school of origin.

Table 24. Rating of origin and destination buildings for students changing schools *within* the CCS district, October 2009–May 2011

<i>n</i> =5,221 moves	Rating of DESTINATION CCS school					
Rating of ORIGIN CCS school	A+	A	B	C	D	F
Excellent with Distinction (A+)	3	9	3	8	5	0
Excellent (A)	3	28	22	78	56	15
Effective (B)	0	26	61	230	214	77
Continuous Improvement (C)	9	82	203	481	526	258
Academic Watch (D)	4	74	188	613	673	377
Academic Emergency (F)	0	13	69	239	371	203

Summary of destination performance ratings

Table 25. Summary: Rating of destination buildings for CCS students changing schools, October 2009–May 2011

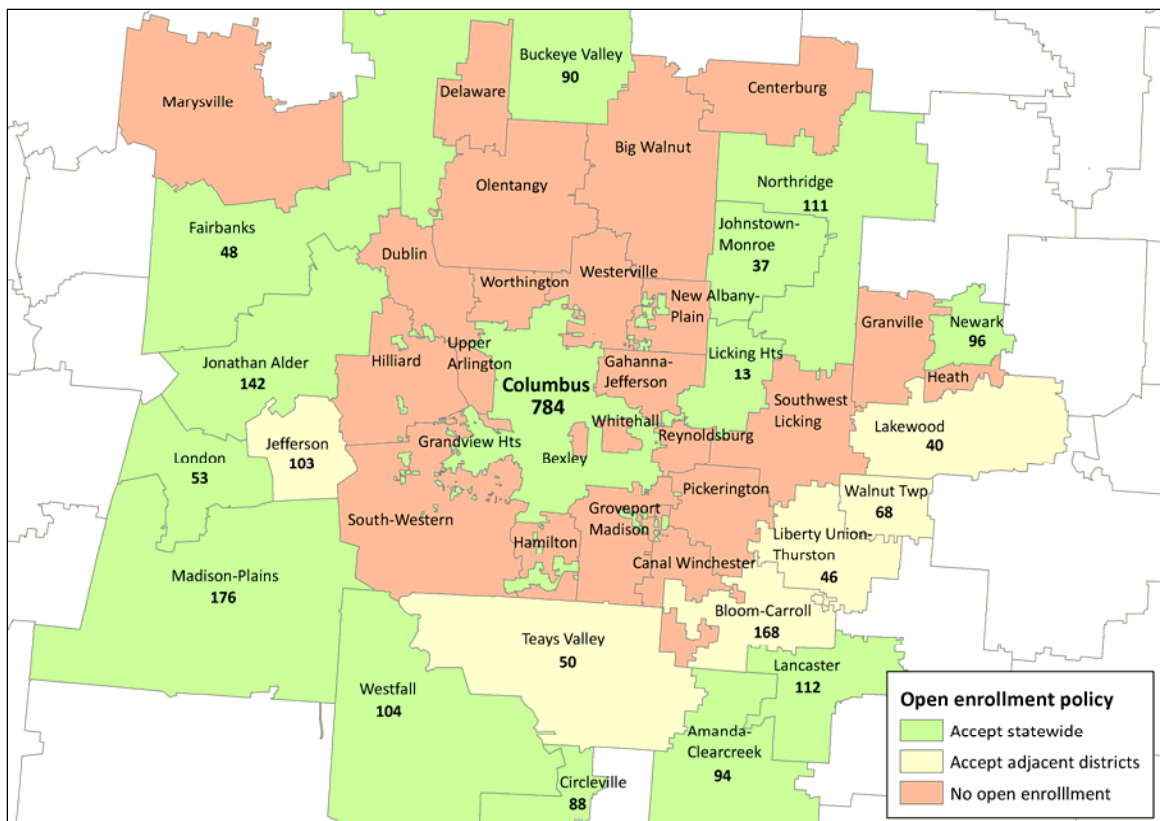
Type of move	Number of student movers	Rating of destination school compared to school of origin		
		2 or more ratings lower (% of movers)	Same rating or 1 rating higher/lower (% of movers)	2 or more ratings higher (% of movers)
Exiting CCS for another district	5,473	2.0	45.9	52.1
Entering CCS from another district	3,230	54.6	44.0	1.5
Exiting CCS for a charter school	4,450	17.4	68.4	14.2
Entering CCS from a charter school	2,425	19.0	69.3	11.7
Changing schools within CCS	5,221	13.7	73.3	13.0

4.5 Open enrollment

How many students are enrolled in a district, which is not their district of residence, through open enrollment?

As of school year 2010–2011, CCS was surrounded by districts that did not accept open enrollment students from other districts. However, many districts in the Columbus Area—particularly those in Ring 2—do permit open enrollment (Map 9). Nine pairs of districts had at least 50 students who resided in one district, but attended school in another district through inter-district open enrollment, including from a South-Western residence to CCS enrollment (215), Groveport Madison to CCS (170), London to Madison-Plains (108), and Lancaster to Bloom-Carroll (106).

Map 9. Open enrollment patterns of Columbus Area districts and total incoming students through open enrollment, school year 2010–2011



Source: CRP analysis of ODE enrollment records

5.0 Mobility and the student

5.1 Section overview and key concepts

This section of the report examines the relationship of mobility and student characteristics and achievement for CCS students. The analysis includes: (1) differences in demographic characteristics of mobile and non-mobile student groups, (2) differences in demographics of students who left the district based on the type of destination school, and (3) differences in proficiency test scores based on mobility status.

Student characteristics and mobility status

How do stable CCS students differ from those who move within the district? How do students staying in the district differ from those leaving? How do students leaving the district differ from those entering?

- The demographic characteristics of CCS student groups based on their mobility status over a one-year period from October 1, 2009 to October 1, 2010, and statistical differences between these groups.

Data notes

- Demographic characteristics are from ODE student records and include race, grade, economic disadvantage, homeless, immigrant, LED, disability

Student characteristics and destination of outgoing students

How do the characteristics of outgoing CCS students differ based on their destination school?

- The demographic characteristics of CCS students who left the district from October 1, 2009 to October 1, 2010, based on their destination school type.

Data notes

- Demographic characteristics are from ODE student records and include race, grade, economic disadvantage, homeless, immigrant, LED, disability.
- Destination schools include another Ohio district, physical charter school, e-charter school, district outside of Ohio, and other (includes expulsion, court order, private school, vocational school, dropout, early graduation, medical, death, and unknown—the largest group)

Student mobility and proficiency test passage

What is the 2-year mobility history of 3rd grade and 8th grade students who took the 2011 proficiency tests? What is the relationship of mobility history and proficiency test scores?

- **Mobility history:** Amount and type of student mobility of 3rd and 8th grade proficiency test takers during the two-year period preceding the school year 2011 test period.
- **Proficiency test passage:** Statistical analysis of the relationship between the mobility history of student groups and student attributes and proficiency on state achievement tests.

Data notes

- Mobility history includes: total school building changes (non-promotional), number of districts attended, number of community schools attended, and within school year withdrawal/reentry to same school.
- Mover groups include: 0 moves, 1 summer-only move, 1 during school year move, 2 moves, 3+ moves. Students in the 2-moves and 3+ moves groups have at least one school year move, but may have a combination of summer and school year moves.

5.2 Student characteristics and mobility status

How do stable CCS students differ from those who move within the district? How do students staying in the district differ from those leaving? How do students leaving the district differ from those entering?

Table 26 compares the enrollment and mobility status of CCS students on October 1, 2009, and on October 1, 2010. Statistical tests found the following significant differences between these groups:

- **Movers between Columbus City Schools buildings.** Compared to stable CCS students, those who move between CCS buildings are more likely to be black, economically disadvantaged, homeless, or have a disability.
- **Outgoing and incoming students.** Compared to outgoing CCS students, incoming students are more likely to be black, homeless, an immigrant, or LEP.

Stable CCS students were fairly evenly distributed across grade levels (7-9% in each grade). The following was the grade distribution of mover groups:

- **Movers between Columbus City Schools buildings.** Sixty-five percent of students who moved between CCS buildings were in grades K-4, and another 11% were in grade 9.
- **Outgoing students.** Nearly one in four students who left the district was in grade 5 or 9.
- **Incoming students.** Thirteen percent of all incoming students were in grade 8, and another 23% were in grades K and 1.

5.3 Student characteristics and destination of outgoing students

How do the characteristics of outgoing CCS students differ based on their destination school?

Statistical tests found the following significant differences between groups of students leaving the CCS district, based on their destination school (Table 26):

- **Race.** Compared to other racial groups, black students are more likely to move to a physical charter school; white students are more likely to move to an e-charter; and Hispanic students are more likely to move to a district outside of Ohio.
- **Economic disadvantage.** Economically disadvantaged CCS students are more likely than those who are not economically disadvantaged to move to a physical charter or e-charter.
- **Homeless.** Homeless CCS students are more likely than those who are homeless to move to another Ohio district or to a district outside of Ohio.
- **Immigrant.** Immigrant CCS students are more likely than those who are not immigrants to move to a district outside of Ohio.
- **LEP.** LEP students are more likely than those who are not LEP to move to a district outside of Ohio.
- **Disability.** CCS students with a disability are more likely than those who do not have a disability to move to an e-charter or another Ohio district.

Stable CCS students were fairly evenly distributed across grade level (7-9% in each grade). The following was the grade distribution of mover groups based on their destination school:

- **Other Ohio district.** Sixty-three percent of CCS students who moved to another Ohio district were in grades K-5.
- **Physical charter.** More than one in four CCS students who moved to a physical charter was in grades 5 or 9.
- **E-students.** Two-thirds of CCS students who moved to an e-charter were in grades 7-10, with 26% in grade 9.

Table 26. Characteristics of CCS students by mobility status and destination, Oct. 1, 2009 to Oct. 1, 2010

	Characteristics of non-mobile and mobile CCS students				Characteristics of outgoing CCS students by destination				
	Stayed in district		Incoming (entered the district)	Outgoing (left the district)	Other Ohio district	Physical charter school	E-charter school	District outside of Ohio	Other or NA (3)
	Stable student (1)	Move between CCS buildings (2)							
All	35,286	3,230	5,802	9,477	3,184	1,888	464	816	3,125
	%	%	%	%	%	%	%	%	%
Race									
Black	59.1	65.2	55.2	54.1	43.6	71.4	32.3	50.1	58.5
White	26.9	20.4	25.2	26.9	34.7	14.2	52.4	19.1	24.8
Hispanic	6.5	5.4	8.3	8.8	7.8	7.1	2.8	20.7	8.7
Asian	2.1	1.2	2.9	2.1	3.0	1.2	1.1	4.3	1.5
Other	5.5	7.9	8.4	8.1	10.9	6.1	11.4	5.8	6.5
Grade SY 2009-2010									
K	8.9	13.9	11.4	8.6	12.2	7.8	1.5	9.3	6.3
1	8.9	12.6	10.3	7.6	10.1	7.2	2.6	9.4	5.5
2	8.5	12.8	9.7	7.7	10.2	7.2	2.2	10.4	5.6
3	8.7	14.5	9.1	7.0	9.1	6.9	3.2	8.0	5.2
4	8.5	11.5	7.8	7.8	10.0	7.7	2.4	6.4	6.9
5	8.3	2.0	7.8	11.2	11.0	15.7	7.1	8.0	10.0
6	7.8	6.7	8.5	7.1	8.3	8.3	7.3	5.9	5.4
7	7.9	6.3	6.9	6.4	7.4	6.0	11.6	5.6	5.1
8	8.1	1.1	12.7	7.0	7.5	5.8	13.1	6.5	6.3
9	9.1	11.2	7.7	12.5	7.6	11.9	26.1	16.2	15.0
10	8.1	5.2	5.0	8.6	4.7	9.4	14.9	8.3	11.1
11	7.1	2.2	3.2	8.5	1.9	6.0	8.0	6.0	17.4
Economic Disadvantage									
No	15.3	4.3	10.6	11.0	11.9	4.4	6.5	12.4	14.3
Yes	84.7	95.7	89.4	89.0	88.1	95.6	93.5	87.6	85.7
Homeless									
No	95.7	86.7	91.8	92.8	91.0	93.4	94.6	91.5	94.4
Yes	4.3	13.3	8.2	7.2	9.0	6.6	5.4	8.5	5.6
Immigrant									
No	95.6	97.0	90.9	94.5	95.4	95.4	99.4	84.1	95.1
Yes	4.4	3.0	9.1	5.5	4.6	4.6	0.6	15.9	4.9
LEP									
No	90.1	92.8	85.8	88.5	90.5	86.7	98.1	75.1	89.5
Yes	9.9	7.2	14.2	11.5	9.5	13.3	1.9	24.9	10.5
Disability									
No	82.1	74.2	81.8	81.4	79.8	83.8	79.5	84.7	80.9
Yes	17.9	25.8	18.2	18.6	20.2	16.2	20.5	15.3	19.1

Source: CRP analysis of ODE enrollment records

(1) Stable student: did not move or a promotional move only (i.e. elementary to middle school, middle school to high school)

(2) Does not include promotional moves

(3) Includes expulsion, court order, private school, vocational school, home school, dropout, early graduation, medical, death, and unknown, which is the largest group

5.4 Student mobility and proficiency test passage

What is the 2-year mobility history of 3rd grade and 8th grade students who took the 2011 proficiency tests? What is the relationship of mobility history and proficiency test scores?

Mobility history of test takers

Of the 7,232 third- and eighth-grade CCS students who took the Ohio Achievement Assessment (OAA) tests in spring 2011, about one-in-three third-grade test takers and one-in-four 8th-grade test takers made at least one non-promotional move during the previous two school years (Table 27). The largest mover group was those who made one move during the school year.

Table 27. CCS: Mobility history of OAA test-takers in spring 2011

Mobility type and amount	3rd grade		8th grade	
	#	%	#	%
Test-takers	3,957	100.0	3,275	100.0
Total school changes over two school years				
0 moves	2,610	66.0	2,372	72.4
1 summer-only move	328	8.3	195	6.0
1 during school year move	578	14.6	462	14.1
2 moves	331	8.4	183	5.6
3+ moves	110	2.8	63	1.9

Source: CRP analysis of ODE enrollment records

Mobility history and economic disadvantage

A higher percentage of the mobile spring 2011 test-takers were economically disadvantaged than were those who did not change schools during the previous two years. The 0-move groups had an 85% economic disadvantage rate, compared to 97%+ of the 2-move and 3+ move groups.

Table 28. CCS: Economic disadvantage and mobility history of OAA test-takers in spring 2011

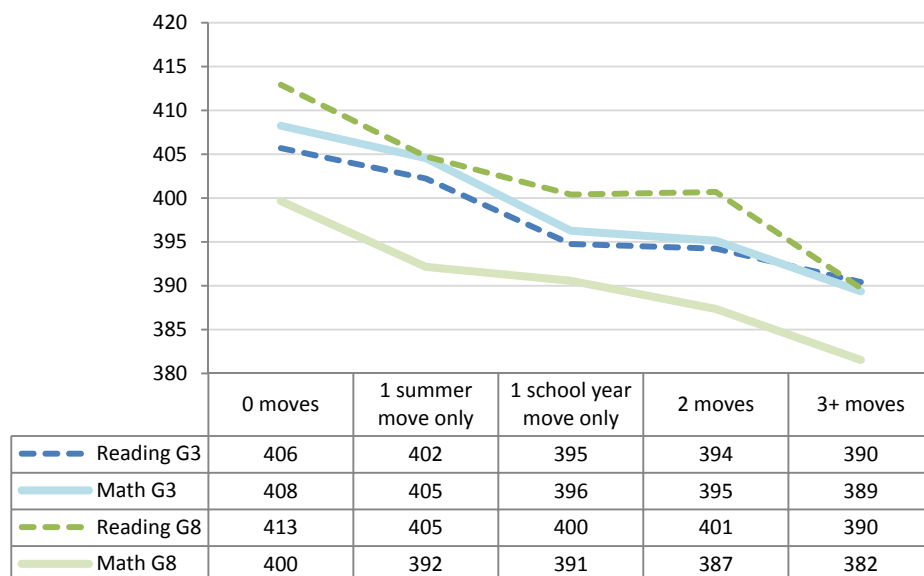
Total non-promotional moves over two school years	3rd grade test			8th grade test		
	Total test-takers	Economic Disadvantage		Total test-takers	Economic Disadvantage	
		# of test takers	% of test takers		# of test takers	% of test takers
0 moves	2,610	2,210	84.7	2,372	2,006	84.6
1 summer move	328	286	87.2	195	177	90.8
1 during school year move	578	549	95.0	462	432	93.5
2 moves	331	321	97.0	183	177	96.7
3+ moves	110	108	98.2	63	62	98.4

Source: CRP analysis of ODE enrollment records

Mobility history and test scores

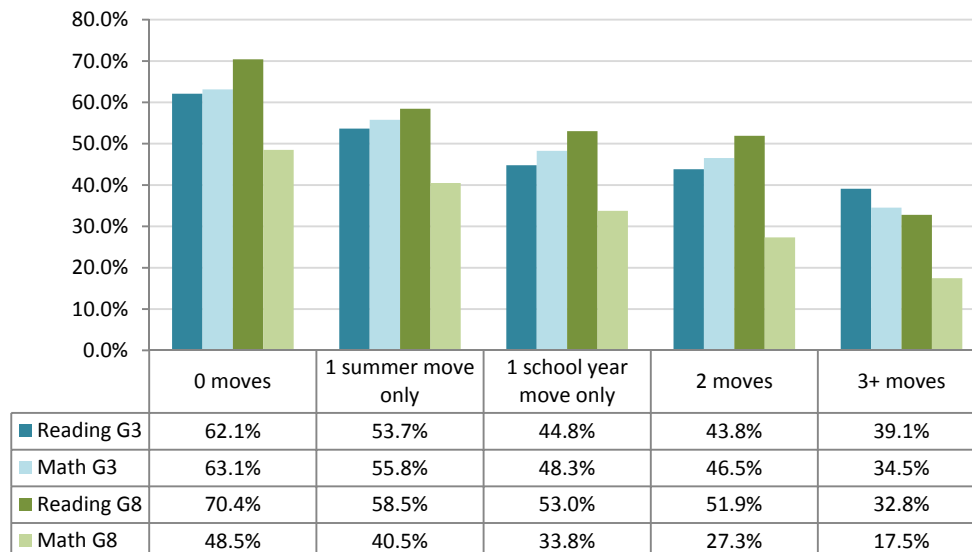
There is a downward trend in average test scores and passage rates of 3rd and 8th grade OAA tests with each successive school change that a CCS student made (Figures 1 and 2). All mover groups—even those who move one time in the summer—had lower average test scores and passage rates than students who did not change schools over the previous two years.

Figure 1. CCS: Average scores on spring 2011 OAA tests by two-year mobility history



Source: CRP and OSU-Center for Statistical Consulting analysis of ODE enrollment records

Figure 2. CCS: Passage rates on spring 2011 OAA tests by two-year mobility history



Source: CRP analysis of ODE enrollment records

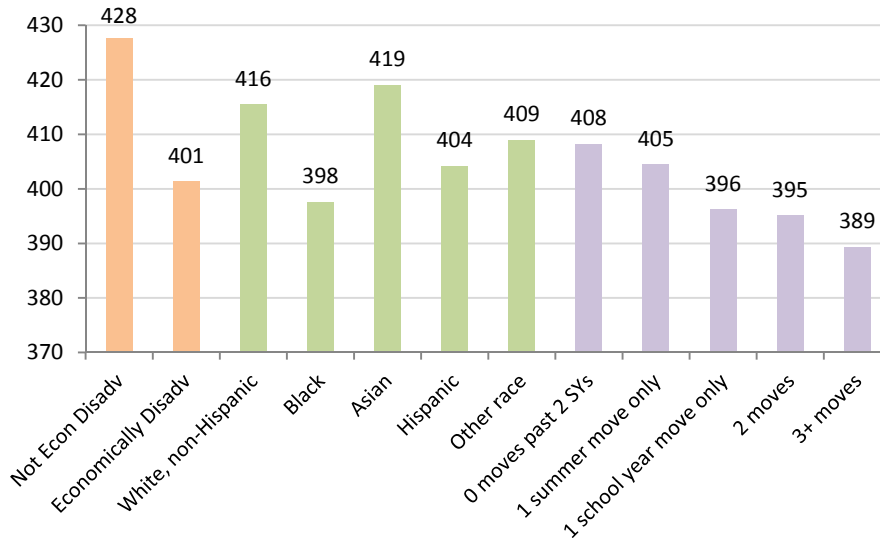
Summary: relationship of mobility, student characteristics, and test scores

Average test scores

Figure 3 shows the average scores on the spring 2011 3rd grade math test for selected student groups. Scores were highest for the following CCS student groups:

- Not economically disadvantaged
- Asian or non-Hispanic white
- Had no school moves or only one summer move over the past two years

Figure 3. CCS: Average scores on 3rd grade math test by student groups, spring 2011



Source: CRP and OSU-Center for Statistical Consulting analysis of ODE enrollment records

Statistical modeling

Table 28 shows the results of statistical tests of differences between groups in test scores based on the following factors: economic disadvantage, race or ethnicity, or number of moves over the past two years. The p-values on the table are for the test of whether there is a significant difference in scores due to each factor *after all other factors have been adjusted for*. If the p-value is small ($p \leq 0.05$), the factor is very important in predicting the test scores.

For the CCS student groups analyzed, the low p-values ($<.0001$) for all factors indicate that the number of school changes over two years is an independent predictor of test scores. There is a statistically significant relationship between more school moves and lower test scores. Economic disadvantage and race are also independent predictors of test scores.

Table 29. CCS: Significance of relationship of factors to test scores on selected OAA tests, spring 2011

Factor	Grade 3 Reading	Grade 3 Mathematics	Grade 8 Reading	Grade 8 Mathematics
Economic disadvantage status	<.0001	<.0001	<.0001	<.0001
Race or ethnicity category	<.0001	<.0001	<.0001	<.0001
Total number of school changes over past 2 school years	<.0001	<.0001	<.0001	<.0001

Source: CRP and OSU-Center for Statistical Consulting analysis of ODE enrollment records

The statistical modeling also examined the differences in test scores based on the number of moves, and whether a move was in the summer or school year (Table 30). The following were found to be significant differences in mover groups:

- **Grade 3 math and reading test scores.** All school year mover groups have lower mean test scores than those of the 0-mover and one summer mover groups.
- **Grade 8 math test scores.** Summer mover and all school year mover groups have lower mean test scores than those of the 0-mover group. The group with three or more moves has lower mean scores than those of the one summer move group
- **Grade 8 reading test scores.** Summer mover and all school year mover groups have lower mean test scores than those of the 0-mover group. The group with three or more moves has lower mean scores than those of the one summer move or one school year move groups.

Table 30. Significant differences in mean test scores of CCS students by number of moves over two school years preceding spring 2011 OAA tests

Grade	0 moves	1 move, summer	1 move, school year	2 moves	3+ moves
Grade 3 Math					
0 moves					
1 move, summer	no				
1 move, school year	yes (1)	yes			
2 moves	yes	yes	no		
3 or more moves	yes	yes	no	no	
Grade 3 Reading					
0 moves					
1 move, summer	no				
1 move, school year	yes	yes			
2 moves	yes	yes	no		
3 or more moves	yes	yes	no	no	
Grade 8 Math					
0 moves					
1 move, summer	yes				
1 move, school year	yes	no			
2 moves	yes	no	no		
3 or more moves	yes	yes	no	no	
Grade 8 Reading					
0 moves					
1 move, summer	yes				
1 move, school year	yes	no			
2 moves	yes	no	no		
3 or more moves	yes	yes	yes	no	

Source: CRP and OSU-Center for Statistical Consulting analysis of ODE enrollment records.

(1) "yes" indicates p-value of ≤ 0.05 in tests of difference between groups

5.5 Mobility and achievement test roll-up level

An impact of student mobility is that mobile students may not meet the enrollment criteria—continually enrolled in a building or district from October 31 until the spring achievement testing date—for counting their test scores in a building’s or district’s performance rating. Instead, their test score is “rolled up” and counts only for the district or state rating.

- Among the Columbus Area Ring 1 districts, Columbus has the highest percentage of students whose achievement test scores are rolled up to the state (Table 31).
- The CCS figure (10.1%) is the third highest among the 15 Major Urban districts, with Cleveland (14.2%) and East Cleveland (10.2%) having higher percentages of state-only accountability among test takers. Akron (4.3%) and Warren (5.3%) had the lowest roll-up percentages.

Table 31. Columbus Area Ring 1 districts: Roll-up for OAA test-takers in grades 3 to 8, spring 2011 test period

District	District rating	Econ. Disadv. (%)	Test-takers	Percentage of tests rolled up to district or state accountability		
				Building	District	State
Columbus	C	81.9	22,538	87.5	2.4	10.1
Groveport Madison	A	58.0	2,668	90.7	0.7	8.7
Hamilton	B	61.6	1,500	91.7	0.0	8.3
Whitehall	C	75.7	1,318	91.5	0.3	8.2
Reynoldsburg	A	41.6	2,898	92.8	0.9	6.3
South-Western	A	54.6	9,280	92.5	1.8	5.7
Canal Winchester	A+	27.2	1,743	96.1	0.0	3.9
Westerville	A+	28.3	6,821	95.8	0.9	3.3
Gahanna-Jefferson	A+	25.6	3,298	96.3	0.7	3.0
Dublin	A+	14.0	6,448	96.8	0.2	3.0
New Albany-Plain	A	7.0	2,089	97.0	0.0	3.0
Hilliard	A+	22.4	7,119	96.5	0.6	2.9
Worthington	A	23.4	4,156	96.7	0.5	2.8
Upper Arlington	A+	<5.0	2,395	98.1	0.0	1.9
Bexley	A+	9.2	965	98.2	0.0	1.8
Grandview Hts.	A+	18.0	503	99.0	0.0	1.0

Source: CRP analysis of ODE enrollment records

Appendices

Appendix A. Columbus Area public school districts

Appendix B. Columbus Area public school buildings

Appendix C. Columbus Area public charter schools

The appendix provides basic mobility measures and demographics for all districts and schools in the Columbus Area. Additional data fields—including the component values used to calculate stability and churn rates—can be found in online spreadsheets at www.researchpartners.org.

Appendix A. Columbus Area public school districts, school year 2010–2011 (unless noted)

Columbus Area public school districts alphabetical by name within Ring1 and Ring 2		District attributes							District cohort stability, Oct. 1, 2009–May 15, 2011	Building cohort stability, Oct. 1, 2009–May 15, 2011		Churn rate, Oct. 1, 2010–May 15, 2011		Achievement test roll-up to state level for spring 2011 math test-takers, grades 3–8	Students residing in district but attending charter school		Inter-district open enrollment		
Ring	District	Rating	Average daily enrollment	Enrollment change since school year 2000–2001	Economic disadvantage	Minority race or ethnicity	Limited English Proficiency	Grade 3 reading proficiency, spring assessment	Grades K-7	Grades 8-11	Grades K-7	Grades 8-11	Grades K-8		Grades 9-12	In bricks and mortar public charter school	In public e-charter school	OUT: Residing in district but enrolling in other district	IN: Attending district through open enrollment
			#	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1	Bexley	A+	2,130	-5.2	9.2	17.3	1.0	91.3	93.5	94.7	93.0	95.0	3.1	2.8	1.8	5.9	0.6	0.4	0.0
1	Canal Winchester	A+	3,446	65.8	27.2	27.7	2.5	84	85.0	82.0	84.8	81.7	9.5	9.3	3.9	1.8	1.9	1.7	0.0
1	Columbus	C	49,616	-22.0	81.9	73.0	9.7	60.7	76.5	70.4	67.4	61.8	18.5	23.5	10.1	19.3	5.0	0.1	1.5
1	Dublin	A+	13,614	22.6	14.0	29.2	8.0	91.4	90.0	91.6	87.6	91.2	7.9	5.5	3.0	0.5	0.7	0.1	0.0
1	Gahanna-Jefferson	A+	7,028	10.7	25.6	30.9	2.4	89.3	88.4	85.7	85.2	84.3	7.1	7.5	3.0	2.6	1.9	0.3	0.0
1	Grandview Hts.	A+	1,092	-11.4	18.0	8.5	0.0	93.3	94.9	93.2	94.2	93.3	2.5	2.9	1.0	0.2	0.7	0.1	0.0
1	Groveport Madison	A	5,746	-0.3	58.0	46.6	3.1	77.7	74.0	61.0	68.9	54.1	21.9	21.7	8.7	16.1	3.6	2.3	0.0
1	Hamilton	B	3,005	13.9	61.6	20.5	1.1	79.5	77.4	69.5	75.9	66.3	22.5	21.3	8.3	6.6	3.1	0.7	0.0
1	Hilliard	A+	14,945	21.1	22.4	21.3	7.3	87.9	90.6	88.8	85.8	86.4	6.7	5.9	2.9	0.6	1.6	0.2	0.0
1	New Albany-Plain	A	4,191	116.3	7.0	23.2	1.9	94.4	89.8	91.5	89.6	91.7	6.3	4.8	3.0	0.9	0.9	0.1	0.0
1	Reynoldsburg	A	5,811	2.9	41.6	49.0	4.9	83.8	78.8	72.5	74.7	62.8	14.5	17.3	6.3	5.9	3.5	1.0	0.1
1	South-Western	A	19,336	1.7	54.6	29.0	10.9	75.2	83.1	79.8	76.4	76.8	14.7	17.9	5.7	6.2	4.2	1.5	0.0
1	Upper Arlington	A+	5,542	2.6	<5%	10.3	1.1	92.7	94.1	95.3	93.6	95.7	3.6	2.5	1.9	9.0	0.6	0.2	0.0
1	Westerville	A+	14,105	8.6	28.3	35.1	7.3	89.7	89.1	86.6	81.9	83.4	8.0	8.8	3.3	2.4	2.0	0.6	0.0
1	Whitehall	C	2,818	-0.5	75.7	55.0	13.1	65.2	73.2	69.0	67.8	61.6	20.6	23.2	8.2	8.0	4.3	2.3	0.0
1	Worthington	A	9,098	-8.8	23.4	26.0	4.8	90.8	89.2	88.3	85.7	87.3	7.2	6.9	2.8	0.7	1.9	0.3	0.0
2	Amanda-Clearcreek	B	1,715	11.6	34.5	<5.0	0.0	80.2	88.0	79.8	87.6	77.0	10.0	13.7	4.3	0.1	3.0	2.0	5.3
2	Big Walnut	A	2,797	8.8	18.8	7.8	0.5	91.5	89.2	86.9	63.9	85.9	6.0	7.7	2.1	0.4	2.9	0.4	0.0
2	Bloom-Carroll	A+	1,714	21.3	17.1	<5.0	0.0	87.4	90.0	87.0	89.8	84.6	7.0	6.4	3.4	0.6	2.1	2.9	9.8
2	Buckeye Valley	A	2,344	8.2	22.5	6.1	0.0	85.4	88.3	81.6	87.7	78.9	7.6	10.4	3.0	0.2	4.8	2.2	3.7
2	Centerburg	A+	1,092	6.7	31.1	<5.0	0.0	92.6	88.1	84.0	88.8	80.5	6.9	7.4	2.2	0.1	3.7	1.5	0.0
2	Circleville	B	2,182	-10.8	52.8	6.2	0.0	77.9	82.3	76.8	84.8	69.2	15.2	13.1	6.1	0.0	4.2	4.4	3.8
2	Delaware	A+	4,942	21.1	35.5	15.0	1.4	89.2	86.9	81.4	84.1	79.6	9.7	11.5	4.0	0.3	3.9	1.4	0.1
2	Fairbanks	A+	954	6.0	24.3	<5.0	0.0	85.7	89.1	83.3	88.9	82.2	7.0	5.2	2.6	0.3	4.0	4.4	4.8
2	Granville	A+	2,472	38.1	<5%	<5.0	1.9	95.3	93.7	94.4	93.4	94.0	3.5	3.1	1.6	0.1	1.1	0.3	0.0
2	Heath	A	1,652	8.2	34.4	11.8	0.0	96.9	84.4	79.5	83.5	79.3	14.6	10.1	4.2	0.5	4.1	2.4	0.0
2	Jefferson	B	1,280	5.4	29.4	<5.0	0.9	80	87.8	77.8	87.3	74.4	10.6	12.4	4.0	0.0	3.3	1.7	8.0

Columbus Area public school districts alphabetical by name within Ring1 and Ring 2			District attributes						District cohort stability, Oct. 1, 2009–May 15, 2011		Building cohort stability, Oct. 1, 2009–May 15, 2011		Churn rate, Oct. 1, 2010–May 15, 2011		Achievement test roll-up to state level for spring 2011 math test-takers, grades 3–8	Students residing in district but attending charter school		Inter-district open enrollment	
Ring	District	Rating	Average daily enrollment	Enrollment change since school year 2000–2001	Economic disadvantage	Minority race or ethnicity	Limited English Proficiency	Grade 3 reading proficiency, spring assessment	Grades K-7	Grades 8-11	Grades K-7	Grades 8-11	Grades K-8	Grades 9-12		In bricks and mortar public charter school	In public e-charter school	OUT: Residing in district but enrolling in other district	IN: Attending district through open enrollment
			#	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
2	Johnstown-Monroe	A	1,522	13.4	24.4	<5.0	0.8	87.3	91.4	87.5	74.6	87.2	7.8	6.8	2.3	0.7	3.9	3.9	2.3
2	Jonathan Alder	A+	2,097	24.9	27.8	<5.0	1.3	91.6	90.3	85.0	88.5	83.5	9.4	3.7	3.5	0.2	3.7	0.7	6.5
2	Lakewood	B	2,071	-10.7	44.0	<5.0	0.0	80.2	82.4	76.9	81.2	73.4	18.8	17.2	6.2	0.4	5.5	3.2	1.9
2	Lancaster	A	5,966	2.3	51.6	<5.0	0.0	85.7	85.3	78.9	77.0	75.6	13.0	16.1	5.1	1.2	5.6	4.8	1.8
2	Liberty Union-Thurston	A	1,396	7.3	27.8	<5.0	0.0	92	90.7	88.4	90.0	88.9	8.4	6.4	3.4	0.1	1.8	1.8	3.2
2	Licking Hts.	A	3,396	152.3	39.3	37.1	7.7	82	83.9	78.9	76.6	76.7	10.8	16.0	4.7	1.8	3.6	0.6	0.4
2	London	B	1,998	-2.2	43.4	12.6	0.9	82.8	86.3	77.9	86.0	74.7	14.6	12.5	6.0	0.3	9.0	6.8	2.5
2	Madison-Plains	B	1,331	-24.4	39.3	<5.0	0.0	76.1	87.6	82.5	86.0	81.6	16.2	9.8	4.4	0.0	3.9	9.0	12.6
2	Marysville	A+	5,345	28.2	21.4	6.0	0.4	84.5	89.4	88.8	83.3	84.3	7.0	8.2	2.7	0.0	2.5	1.9	0.0
2	Newark	A	6,456	-3.8	57.7	12.5	0.3	86.1	83.1	67.1	75.7	62.8	16.3	22.3	6.8	2.1	10.2	2.0	1.5
2	Northridge	A	1,389	5.2	19.7	<5.0	0.0	83.7	90.5	84.8	90.1	83.5	6.8	7.1	2.4	0.1	1.5	4.6	7.8
2	Olentangy	A+	16,263	183.1	7.4	17.2	1.7	94.7	93.7	94.4	82.9	94.5	4.4	2.8	0.4	0.2	0.8	0.1	0.0
2	Pickerington	A+	10,326	40.1	16.6	33.4	2.7	87.4	90.7	89.2	87.5	87.7	6.7	6.8	2.6	1.0	1.6	0.4	0.0
2	Southwest Licking	A	3,743	19.5	30.9	10.0	0.4	84.6	87.6	82.8	87.5	82.7	9.0	10.5	3.9	0.6	3.4	0.8	0.0
2	Teays Valley	A+	3,576	25.4	28.3	<5.0	0.0	89.5	88.1	78.2	74.3	76.2	9.1	10.9	3.3	0.2	2.7	0.7	1.3
2	Walnut Township	B	629	-12.4	47.4	<5.0	0.0	75.6	82.6	70.4	82.7	70.4	16.5	14.4	4.8	0.0	3.6	3.7	10.4
2	Westfall	B	1,615	-4.3	45.4	<5.0	0.0	80.9	86.3	85.0	86.0	84.0	11.9	9.0	4.7	0.1	3.4	2.6	6.2

Appendix B. Columbus Area public school buildings, school year 2010–2011 (unless noted)

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Amanda-Clearcreek	Amanda-Clearcreek Elementary School	3-5	B	399	39.7	<5.0	86.8	9.8
Amanda-Clearcreek	Amanda-Clearcreek High School	9-12	B	545	28.5	<5.0	77.0	13.7
Amanda-Clearcreek	Amanda-Clearcreek Middle School	6-8	A	399	35.1	<5.0	91.0	9.3
Amanda-Clearcreek	Amanda-Clearcreek Primary School	K-2	NA	372	37.2	<5.0	85.0	10.9
Bexley	Bexley High School	9-12	A	691	6.5	17.3	95.0	2.8
Bexley	Bexley Middle School	7-8	A+	321	13.0	19.9	95.4	2.2
Bexley	Cassingham Elementary School	K-6	A	414	<5.0	7.2	93.2	3.5
Bexley	Maryland Elementary School	K-6	A	315	12.4	19.3	91.8	3.3
Bexley	Montrose Elementary School	K-6	A	389	15.7	25.1	92.6	5.6
Big Walnut	Big Walnut Elementary School	K-5	A+	429	19.2	8.8	36.1	6.7
Big Walnut	Big Walnut High School	9-12	B	927	17.1	8.8	85.7	7.7
Big Walnut	Big Walnut Middle School	6-8	A	644	18.3	6.6	91.8	4.9
Big Walnut	General Rosecrans Elementary	PK-5	B	473	15.1	7.7	-	4.8
Big Walnut	Hylen Souders Elementary School	K-5	A+	323	29.9	8.6	67.5	13.1
Bloom-Carroll	Bloom Carroll Intermediate School	3-5	A	379	21.9	<5.0	89.2	7.2
Bloom-Carroll	Bloom Carroll Primary School	K-2	NA	390	19.4	<5.0	87.5	7.7
Bloom-Carroll	Bloom-Carroll High School	9-12	A	545	12.0	<5.0	84.6	6.4
Bloom-Carroll	Bloom-Carroll Middle School	6-8	A+	400	17.2	5.7	92.5	6.0
Buckeye Valley	Buckeye Valley East Elementary School	PK-5	A	369	43.8	7.1	83.7	11.0
Buckeye Valley	Buckeye Valley Local High School	9-12	A	741	17.2	<5.0	78.9	10.4
Buckeye Valley	Buckeye Valley Local Middle School	6-8	A	536	23.8	7.0	87.7	7.1
Buckeye Valley	Buckeye Valley North Elementary School	K-5	A	286	20.6	5.6	92.3	5.0
Buckeye Valley	Buckeye Valley West Elementary School	K-5	A	412	12.6	8.9	88.2	7.5
Canal Winchester	Canal Winchester High School	9-12	A	1,038	22.7	27.0	81.7	9.3
Canal Winchester	Canal Winchester Middle School	6-8	A+	857	28.4	27.1	85.5	9.0
Canal Winchester	Indian Trail Elementary School	K-2	NA	674	29.0	30.3	81.3	10.3
Canal Winchester	Winchester Trail Elementary School	3-5	B	877	30.1	27.6	87.0	9.4
Centerburg	Centerburg Elementary School	K-5	A+	467	39.2	5.1	88.7	5.9
Centerburg	Centerburg High School	9-12	A	382	24.1	<5.0	80.5	7.4
Centerburg	Centerburg Middle School	6-8	A+	243	26.4	<5.0	89.1	9.1
Circleville	Atwater Elementary School	1-2	NA	338	62.0	6.2	80.3	12.5
Circleville	Circleville High School	9-12	B	678	41.1	5.5	69.2	13.1
Circleville	Court Elementary School	4-5	B	325	60.0	7.8	83.6	16.8
Circleville	Everts Middle School	6-8	B	511	53.4	6.9	87.6	15.8
Circleville	Mound Elementary School	PK-K	NA	166	55.3	5.9	-	14.8
Circleville	Nicholas Elementary School	3	A	164	63.1	7.5	-	15.8
Columbus	Alpine Elementary School	K-5	B	505	72.8	69.7	74.0	18.3
Columbus	Alum Crest High School	9-12	F	133	94.9	62.8	40.3	90.7
Columbus	Arlington Park Elementary School	PK-5	F	217	93.6	92.7	63.4	23.4
Columbus	Arts Impact Middle School (AIMS)	6-8	C	517	80.6	86.7	86.9	2.7
Columbus	Avalon Elementary School	K-5	B	568	65.9	89.1	73.4	21.1
Columbus	Avondale Elementary School	K-5	B	281	92.3	30.9	53.0	48.2
Columbus	Beatty Park Elementary School	K-5	F	126	>95.0	67.1	55.6	46.1
Columbus	Beechcroft High School	9-12	C	734	80.8	89.4	63.0	22.4
Columbus	Berwick Alternative Elementary School	PK-8	A	664	62.5	>95.0	87.0	5.0
Columbus	Binns Elementary School	K-5	C	276	77.0	28.5	73.2	27.0
Columbus	Briggs High School	9-12	C	992	82.0	41.4	57.4	29.8
Columbus	Broadleigh Elementary School	PK-5	F	296	90.4	93.2	63.5	44.9

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Columbus	Brookhaven High School	9-12	D	690	87.5	84.2	49.9	35.8
Columbus	Buckeye Middle School	6-8	D	575	86.3	38.6	69.0	32.5
Columbus	Burroughs Elementary School	PK-5	F	367	93.4	46.8	59.2	34.4
Columbus	Cassady Alternative Elementary School	K-5	D	347	92.8	>95.0	61.2	36.0
Columbus	Cedarwood Alternative Elem. School @ Stockbridge	PK-5	B	380	79.1	52.6	73.0	17.7
Columbus	Centennial High School	9-12	A	773	52.9	51.7	76.5	13.2
Columbus	Champion Middle School	6-8	F	282	>95.0	>95.0	58.2	42.4
Columbus	Clearbrook Middle School	6-8	F	70	90.6	60.4	38.7	92.5
Columbus	Clinton Elementary School @ OLD Hubbard ES	K-5	A+	342	39.4	20.3	78.3	6.5
Columbus	Colerain Elementary School	PK-5	A+	186	60.4	41.4	81.5	9.7
Columbus	Columbus Africentric Early College	6-12	C	585	88.8	>95.0	74.0	8.2
Columbus	Columbus Africentric Early College Elementary School	K-5	F	285	>95.0	>95.0	74.8	9.4
Columbus	Columbus Alternative High School	9-12	A	606	61.0	74.2	81.6	5.9
Columbus	Columbus City Preparatory School for Boys	6	C	121	88.6	90.9	-	7.4
Columbus	Columbus City Preparatory School for Girls	6	A	160	88.2	83.9	-	3.2
Columbus	COLUMBUS GLOBAL ACADEMY	6-12	C	465	93.9	94.5	61.8	34.9
Columbus	Columbus International High School	9	NA	166	80.4	86.0	-	8.1
Columbus	Columbus Spanish Immersion Elementary School	K-8	B	398	80.8	91.5	88.8	3.0
Columbus	Como Elementary School	PK-5	C	349	91.7	46.1	59.1	33.3
Columbus	Cranbrook Elementary School	K-5	A	305	74.7	55.4	69.6	30.7
Columbus	Dana Avenue Elementary School	PK-5	D	323	>95.0	35.6	55.9	35.6
Columbus	Devonshire Alternative Elementary School	PK-5	C	462	76.1	77.0	81.4	12.0
Columbus	Dominion Middle School	6-8	B	526	66.4	44.6	75.6	21.6
Columbus	Duxberry Park Alternative Elementary School	PK-5	C	271	84.5	93.5	85.9	9.1
Columbus	Eakin Elementary School	K-5	D	302	>95.0	82.0	64.5	31.6
Columbus	East Columbus Elementary School	PK-5	C	342	>95.0	90.3	48.9	42.3
Columbus	East High School	9-12	C	622	90.5	>95.0	52.2	31.6
Columbus	East Linden Elementary School	PK-5	F	309	>95.0	87.1	66.5	45.9
Columbus	Eastgate Elementary School	PK-5	C	316	92.5	>95.0	65.7	31.9
Columbus	Easthaven Elementary School	PK-5	D	386	94.9	93.9	61.4	34.5
Columbus	Eastmoor Academy	9-12	B	696	72.3	>95.0	68.6	8.2
Columbus	Ecole Kenwood Alternative Elementary School	K-8	A	363	62.8	72.5	85.9	2.2
Columbus	Fairmoor Elementary School	K-5	D	472	92.9	94.4	58.5	30.8
Columbus	Fairwood Alternative Elementary School	PK-5	F	363	92.6	>95.0	59.1	40.3
Columbus	Fifth Avenue International K-6 School	K-6	C	364	90.7	82.8	75.1	18.6
Columbus	Forest Park Elementary School	K-5	C	397	84.4	82.4	72.2	27.9
Columbus	Fort Hayes Arts and Academic HS	9-12	B	604	70.3	81.9	76.6	6.0
Columbus	Gables Elementary School	K-5	B	359	44.5	60.8	77.4	22.4
Columbus	Georgian Heights Alt Elem. School @ Old Wedgewood	K-5	B	406	67.7	37.8	70.0	17.1
Columbus	Hamilton STEM Academy (K-6)	PK-6	D	454	93.9	85.4	50.3	53.4
Columbus	Heyl Avenue Elementary School	PK-5	F	276	>95.0	78.9	57.5	46.5
Columbus	Highland Elementary School	PK-5	F	319	94.1	68.8	57.5	52.0
Columbus	Hilltonia Middle School	6-8	D	558	93.7	45.7	62.5	32.1
Columbus	Huy Elementary School	PK-5	D	384	76.5	50.7	70.3	31.5
Columbus	Independence High School	9-12	D	771	81.0	94.0	60.9	26.1
Columbus	Indian Springs Elementary School	K-5	A	438	49.2	35.2	80.9	16.7
Columbus	Indianola Informal K-8 School	K-8	A	578	36.7	39.9	90.6	4.0
Columbus	Innis Elementary School	K-5	D	354	91.4	92.0	62.0	35.6
Columbus	Johnson Park Middle School	6-8	D	459	94.2	>95.0	61.0	39.2
Columbus	Leawood Elementary School	PK-5	F	313	92.2	93.5	50.4	38.5

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Columbus	Liberty Elementary School	K-5	F	289	88.2	91.7	55.5	36.1
Columbus	Lincoln Park Elementary School	PK-5	D	252	89.9	64.5	46.5	55.2
Columbus	Lindbergh Elementary School	K-5	D	286	86.8	25.9	58.7	40.3
Columbus	Linden STEM Academy (K-6)	PK-6	C	530	89.8	90.6	60.0	41.2
Columbus	Linden-Mckinley STEM School on Arcadia	7-12	D	743	94.3	90.7	55.0	64.8
Columbus	Livingston Elementary School	PK-5	D	336	89.6	91.7	68.3	25.4
Columbus	Maize Road Elementary School	PK-5	C	314	79.8	61.1	70.9	20.8
Columbus	Marion-Franklin High School	9-12	C	823	84.4	65.0	59.1	26.0
Columbus	Maybury Elementary School	K-5	B	314	85.8	87.3	49.8	46.7
Columbus	Medina Middle School	6-8	D	488	93.9	70.6	56.9	37.9
Columbus	Mifflin Alternative Middle School	6-8	D	549	93.1	92.9	70.2	37.1
Columbus	Mifflin High School	9-12	C	655	87.4	>95.0	57.2	40.1
Columbus	Moler Elementary School	PK-5	C	230	>95.0	93.3	57.0	44.7
Columbus	Monroe Alternative Middle School	6-8	C	428	85.9	>95.0	78.5	8.7
Columbus	North Linden Elementary School	K-5	D	313	88.6	76.5	58.1	34.9
Columbus	Northland High School	9-12	B	1,056	77.1	87.6	70.6	21.2
Columbus	Northtowne Elementary School	PK-5	D	273	89.2	86.8	73.8	18.4
Columbus	Oakland Park Alternative Elementary	PK-5	C	313	72.1	78.2	89.7	6.9
Columbus	Oakmont Elementary School	K-5	D	290	>95.0	92.9	55.4	25.7
Columbus	Ohio Avenue Elementary School	PK-5	D	378	93.3	94.7	60.3	27.4
Columbus	Olde Orchard Alt Elem. School @ Old Shady Lane	K-5	C	452	76.1	89.3	65.2	19.3
Columbus	Parkmoor Elementary School	PK-5	C	245	82.6	85.1	68.3	28.6
Columbus	Parsons Elementary School	PK-5	C	433	81.0	16.5	72.9	18.5
Columbus	Ridgeview Middle School	6-8	A	515	56.2	54.2	78.4	12.7
Columbus	Salem Elementary School	K-5	C	363	86.3	71.7	64.9	39.2
Columbus	Scottwood Elementary School	PK-5	C	367	88.2	94.8	74.6	20.9
Columbus	Shady Lane Elementary School	K-5	D	366	86.0	86.6	62.6	28.4
Columbus	Sherwood Middle School	6-8	D	475	85.4	90.5	66.8	31.3
Columbus	Siebert Elementary School	PK-5	D	253	85.6	75.9	80.5	11.4
Columbus	South High School	9-12	D	493	90.6	79.1	48.9	34.2
Columbus	South Mifflin STEM Academy (K-6)	PK-6	F	314	90.6	>95.0	57.4	29.7
Columbus	Southmoor Middle School	6-8	D	412	>95.0	78.7	49.2	51.5
Columbus	Southwood Elementary School	PK-5	C	309	88.7	30.2	63.5	41.5
Columbus	Special Education Center	PK-12	NA	277	24.1	54.3	10.6	182.4
Columbus	Starling Middle School	6-8	D	292	>95.0	37.9	50.5	47.0
Columbus	Stewart Alternative Elementary School @ BECK ES	K-5	C	285	75.7	93.5	80.0	6.5
Columbus	Sullivant Elementary School	PK-5	F	265	>95.0	68.1	55.6	62.1
Columbus	Trevitt Elementary School	PK-5	F	270	93.0	>95.0	58.1	34.5
Columbus	Valley Forge Elementary School	PK-5	C	290	80.6	82.6	54.2	23.7
Columbus	Valleyview Elementary School	PK-5	B	328	83.7	37.3	60.9	29.6
Columbus	Walnut Ridge High School	9-12	B	757	82.9	94.5	50.2	43.0
Columbus	Watkins Elementary School	PK-5	D	389	93.4	78.5	61.3	41.7
Columbus	Wedgewood Middle School	6-8	C	530	79.4	45.4	74.9	18.3
Columbus	Weinland Park Elementary School	PK-5	D	322	92.3	94.7	64.9	19.0
Columbus	West Broad Elementary School	PK-5	D	471	94.6	41.2	63.3	45.5
Columbus	West High School	9-12	C	911	86.9	48.4	55.7	40.2
Columbus	West Mound Elementary School	PK-5	C	452	94.4	42.3	65.5	39.3
Columbus	Westgate Alternative Elementary School	PK-5	B	372	69.6	27.5	74.7	22.4
Columbus	Westmoor Middle School	6-8	C	529	93.4	40.3	65.8	43.7
Columbus	Whetstone High School	9-12	A	996	58.6	44.2	73.2	24.0

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Columbus	Windsor STEM Academy (K-6)	PK-6	F	376	94.5	94.9	54.0	44.5
Columbus	Winterset Elementary School	PK-5	A	290	50.6	48.5	69.6	18.1
Columbus	Woodcrest Elementary School	PK-5	C	378	86.8	93.7	71.4	16.8
Columbus	Woodward Park Middle School	6-8	C	860	85.7	82.9	74.8	22.7
Columbus	Yorktown Middle School	6-8	C	486	89.2	91.9	58.3	41.0
Delaware	David Smith Elementary School	K-4	A	358	38.1	13.6	82.6	10.8
Delaware	Ervin Carlisle Elementary School	K-4	A	478	27.9	9.5	84.4	8.3
Delaware	Frank B Willis Intermediate Middle School	5-6	A+	813	38.1	13.4	87.2	10.3
Delaware	James Conger Elementary School	K-4	A	396	44.6	13.0	83.5	12.6
Delaware	John C Dempsey Middle School	7-8	A	719	33.0	14.4	88.9	8.4
Delaware	Laura Woodward Elementary School	K-4	A	309	55.3	28.2	76.0	20.2
Delaware	Robert F Schultz Elementary School	K-4	A+	473	33.1	19.6	82.4	7.8
Delaware	Rutherford B Hayes High School	9-12	A	1,396	31.0	15.2	79.6	11.5
Dublin	Albert Chapman Elementary School	PK-5	A+	483	23.2	38.1	81.5	16.2
Dublin	Ann Simpson Davis Middle School	6-8	A	913	31.4	36.3	87.0	11.1
Dublin	Daniel Wright Elementary School	PK-5	B	479	52.0	46.6	67.1	23.6
Dublin	Deer Run Elementary School	K-5	A	479	<5.0	21.7	95.3	4.7
Dublin	Dublin Coffman High School	9-12	A	1,871	10.7	21.9	92.1	4.8
Dublin	Dublin Jerome High School	9-12	A	1,232	<5.0	19.4	95.2	2.5
Dublin	Dublin Scioto High School	9-12	A	1,253	25.9	35.2	85.7	10.0
Dublin	Eli Pinney Elementary School	PK-5	A+	523	<5.0	11.9	95.2	2.3
Dublin	Glacier Ridge Elementary	K-5	A+	499	<5.0	32.8	92.5	4.3
Dublin	Griffith Thomas Elementary School	PK-5	A	561	20.4	48.8	77.2	15.3
Dublin	Henry Karrer Middle School	6-8	A	839	<5.0	22.6	94.8	3.8
Dublin	Indian Run Elementary School	K-5	A+	591	20.6	42.3	83.3	11.4
Dublin	John Sells Middle School	6-8	A	890	15.1	31.5	91.5	5.8
Dublin	Mary Emma Bailey Elementary School	PK-5	A	475	<5.0	17.9	95.9	1.6
Dublin	Olde Sawmill Elementary School	K-5	A+	359	14.9	33.0	83.5	9.6
Dublin	Riverside Elementary School	K-5	A	379	48.4	43.9	76.9	11.1
Dublin	Scottish Corners Elementary School	K-5	A+	539	<5.0	26.6	94.9	4.4
Dublin	Willard Grizzell Middle School	6-8	A	716	<5.0	15.6	96.6	3.2
Dublin	Wyandot Elementary School	PK-5	A+	536	<5.0	39.1	84.2	14.1
Fairbanks	Fairbanks Elementary School	K-5	B	414	29.5	6.6	87.7	8.0
Fairbanks	Fairbanks High School	9-12	A	329	18.8	5.8	82.2	5.2
Fairbanks	Fairbanks Middle School	6-8	A+	212	22.8	<5.0	91.8	5.1
Gahanna-Jefferson	Blacklick Elementary School	K-5	A+	411	12.3	26.1	89.7	7.9
Gahanna-Jefferson	Chapelfield Elementary School	K-5	A	409	34.8	27.2	84.0	9.2
Gahanna-Jefferson	Gahanna East Middle School	6-8	A	512	12.9	25.0	92.6	4.3
Gahanna-Jefferson	Gahanna South Middle School	6-8	A	542	21.5	34.1	90.0	6.4
Gahanna-Jefferson	Gahanna West Middle School	6-8	B	612	48.4	37.3	86.0	12.5
Gahanna-Jefferson	Goshen Lane Elementary School	K-5	A	366	56.8	46.8	71.8	17.5
Gahanna-Jefferson	High Point Elementary School	K-5	A	446	5.3	18.6	93.3	3.9
Gahanna-Jefferson	Jefferson Elementary School	K-5	A+	479	23.4	31.0	84.8	8.2
Gahanna-Jefferson	Lincoln Elementary School	K-5	A	406	29.2	32.2	83.0	6.9
Gahanna-Jefferson	Lincoln High School	9-12	A	2,323	19.8	30.5	84.3	7.5
Gahanna-Jefferson	Royal Manor Elementary School	K-5	A	387	40.8	33.5	76.9	10.3
Grandview Hts.	Grandview Heights High School	9-12	A	340	14.3	5.5	93.3	2.9
Grandview Hts.	Grandview Heights Middle School	7-8	A+	165	19.9	6.7	93.3	3.6
Grandview Hts.	Robert Louis Stevenson Elementary School	K-3	A	329	18.4	12.6	95.3	1.8
Grandview Hts.	Thomas A Edison Intermediate School	4-6	A	257	21.3	8.5	93.1	2.7

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Granville	Granville Elementary School	K-3	A	653	<5.0	6.0	92.3	4.2
Granville	Granville High School	9-12	A	819	<5.0	<5.0	94.0	3.1
Granville	Granville Intermediate School	4-6	A+	597	<5.0	5.7	95.4	2.8
Granville	Granville Middle School	7-8	A+	402	<5.0	<5.0	91.8	3.4
Groveport Madison	Asbury Elementary School	K-5	C	425	66.6	43.7	69.0	22.5
Groveport Madison	Dunloe Elementary School	K-5	B	410	73.1	55.8	57.0	33.0
Groveport Madison	Glendening Elementary School	K-5	C	496	61.5	37.0	72.2	24.8
Groveport Madison	Groveport Elementary School	K-5	B	456	45.4	34.6	68.1	34.5
Groveport Madison	Groveport Madison High School	9-12	B	1,692	49.2	46.9	54.1	21.7
Groveport Madison	Groveport Madison Junior High School	8	A	469	57.8	45.8	-	20.6
Groveport Madison	Groveport Madison Middle School North	6-7	B	447	71.5	52.9	74.7	22.1
Groveport Madison	Groveport Madison Middle School South	6-7	B	487	54.8	44.6	70.7	23.5
Groveport Madison	Madison Elementary School	K-5	B	376	66.8	58.2	71.7	23.0
Groveport Madison	Sedalia Elementary	K-5	B	489	60.4	50.1	71.2	28.6
Hamilton	Hamilton Elementary School	K-3	A	905	70.3	22.4	73.8	23.8
Hamilton	Hamilton Intermediate School	4-6	B	767	66.5	22.1	77.7	22.0
Hamilton	Hamilton Middle School	7-8	B	500	59.8	19.8	78.8	21.4
Hamilton	Hamilton Township High School	9-12	A	833	48.6	17.4	66.3	21.5
Heath	Garfield Elementary School	K-2	NA	310	38.3	8.8	83.0	18.3
Heath	Heath High School	9-12	A	498	25.9	14.6	79.3	10.1
Heath	Heath Middle School	6-8	B	451	35.6	12.5	85.9	13.8
Heath	Stevenson Elementary School	3-5	A+	393	40.8	9.9	81.3	12.1
Hilliard	Alton Darby Elementary School	K-5	A+	459	23.9	20.7	82.4	8.4
Hilliard	Avery Elementary School	K-5	A	486	36.5	28.8	80.0	10.8
Hilliard	Beacon Elementary School	K-5	A	507	34.4	28.0	83.3	10.6
Hilliard	Britton Elementary School	K-5	A	338	31.8	25.9	86.2	9.4
Hilliard	Brown Elementary School	K-5	A+	517	26.9	22.1	86.3	5.7
Hilliard	Darby Creek Elementary School	K-5	A+	577	9.4	20.1	92.5	4.9
Hilliard	Hilliard Bradley High School	9-12	A	1,432	22.8	22.0	86.3	6.2
Hilliard	Hilliard Crossing Elementary School	K-5	A+	545	22.9	22.8	89.0	5.5
Hilliard	Hilliard Darby High School	9-12	A	1,410	18.3	18.2	85.2	6.8
Hilliard	Hilliard Davidson High School	9-12	A	1,791	17.0	16.7	87.4	5.7
Hilliard	Hilliard Heritage Middle School	7-8	A	735	16.1	16.1	88.1	6.4
Hilliard	Hilliard Horizon Elementary School	K-5	A+	557	44.1	31.8	81.9	11.6
Hilliard	Hilliard Memorial Middle School	7-8	A	778	25.9	24.0	91.9	6.1
Hilliard	Hilliard Station Sixth Grade Elementary School	6	A+	558	20.8	21.3	-	4.1
Hilliard	Hilliard Tharp Sixth Grade Elementary School	6	A	594	28.6	22.9	-	6.4
Hilliard	Hilliard Weaver Middle School	7-8	A+	867	21.5	18.4	88.0	7.8
Hilliard	Hoffman Trails Elementary School	K-5	A+	482	8.3	25.1	89.6	12.1
Hilliard	J W Reason Elementary School	K-5	B	352	42.8	18.7	68.9	13.1
Hilliard	Norwich Elementary School	K-5	A	526	13.7	18.5	87.1	6.8
Hilliard	Ridgewood Elementary School	K-5	A	539	22.2	24.2	86.9	7.3
Hilliard	Scioto Darby Elementary School	K-5	A+	480	17.1	13.1	88.0	5.2
Hilliard	Washington Elementary School	K-5	A+	359	18.0	29.8	82.3	14.8
Jefferson	Norwood Elementary School	PK-5	B	560	35.0	<5.0	85.9	11.9
Jefferson	West Jefferson Middle School	6-8	B	302	34.1	<5.0	90.8	8.3
Jefferson	West Jefferson High School	9-12	A	419	18.6	<5.0	74.4	12.4
Johnstown-Monroe	Johnstown High School	9-12	A	491	19.9	<5.0	87.2	6.8
Johnstown-Monroe	Oregon Elementary School	1-3	A	334	29.0	6.5	92.1	11.6
Johnstown-Monroe	Searfoss Elementary School	K-5	A+	293	25.7	5.9	42.8	6.4

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Johnstown-Monroe	Willis C Adams Middle School	6-8	A	404	25.2	<5.0	91.6	5.7
Jonathan Alder	Canaan Middle School	5-6	A+	333	33.1	6.3	93.2	10.8
Jonathan Alder	Jonathan Alder High School	9-12	A	630	18.2	<5.0	83.5	3.7
Jonathan Alder	Jonathan Alder Junior High	7-8	A	320	28.1	7.2	93.0	6.3
Jonathan Alder	Monroe Elementary School	K-4	A	253	55.1	8.1	79.1	18.1
Jonathan Alder	Plain City Elementary School	K-4	A	562	22.9	<5.0	89.5	7.7
Lakewood	Hebron Elementary School	K-2	NA	437	52.8	5.9	76.5	21.8
Lakewood	Jackson Intermediate	3-5	B	437	48.1	<5.0	82.6	18.8
Lakewood	Lakewood High School	9-12	A	652	37.1	<5.0	73.4	17.2
Lakewood	Lakewood Middle School	6-8	B	500	40.5	5.0	84.1	16.4
Lancaster	Cedar Heights Elementary School	K-5	B	396	65.3	<5.0	78.4	24.7
Lancaster	East Elementary School	K-5	A+	411	63.7	5.3	74.6	15.4
Lancaster	General Sherman Junior High School	6-8	A+	654	51.0	<5.0	84.8	10.2
Lancaster	Lancaster High School	9-12	A	1,576	42.6	<5.0	75.6	16.1
Lancaster	Medill Elementary School	K-5	B	359	46.7	<5.0	73.5	21.2
Lancaster	Sanderson Elementary School	K-5	B	293	44.5	<5.0	73.6	17.8
Lancaster	South Elementary School	K-5	B	292	71.0	<5.0	61.3	25.7
Lancaster	Tallmadge Elementary School	PK-5	B	405	56.6	<5.0	75.0	22.5
Lancaster	Tarhe Elementary School	K-5	A	430	31.9	5.1	83.9	15.7
Lancaster	Thomas Ewing Junior High School	6-8	B	701	52.0	5.3	85.2	15.7
Lancaster	West Elementary School	K-5	C	449	70.5	6.4	70.0	29.3
Liberty Union-Thurston	Liberty Union Elementary School	K-5	A	625	30.4	<5.0	88.7	10.2
Liberty Union-Thurston	Liberty Union High School	9-12	A	413	23.0	<5.0	88.9	6.4
Liberty Union-Thurston	Liberty Union Middle School	6-8	A	358	28.8	<5.0	92.9	5.3
Licking Hts.	Licking Heights Central	6-8	B	757	44.2	38.4	84.1	13.3
Licking Hts.	Licking Heights High School	9-12	A	826	39.3	38.6	76.7	16.0
Licking Hts.	Licking Heights North	4-5	A	417	43.5	37.5	87.9	12.4
Licking Hts.	Licking Heights South	2-4	A	774	38.4	33.9	64.8	8.3
Licking Hts.	Licking Heights West	K-1	NA	621	31.7	37.5	81.0	10.0
London	London Elementary School	PK-5	B	970	49.8	13.2	85.7	13.8
London	London High School	9-12	B	581	28.1	11.8	74.7	12.5
London	London Middle School	6-8	C	448	49.3	12.4	86.9	16.5
Madison-Plains	Madison Rural Elementary School	K-5	B	247	40.3	6.1	88.1	16.4
Madison-Plains	Madison-Plains High School	9-12	A	445	29.7	<5.0	81.6	9.8
Madison-Plains	Madison-Plains Middle School	6-8	B	287	38.8	<5.0	90.4	12.6
Madison-Plains	Midway Elementary School	K-5	B	142	42.6	<5.0	83.3	20.1
Madison-Plains	Mt Sterling Elementary School	K-5	C	210	56.8	<5.0	80.7	20.9
Marysville	Bunsold Middle School	7-8	A+	857	23.7	5.1	91.8	5.8
Marysville	Creekview Intermediate Elementary School	5-6	A	836	25.2	5.7	91.1	7.0
Marysville	Edgewood Elementary School	K-4	A+	455	28.2	8.6	81.2	10.8
Marysville	Marysville High School	9-12	A	1,595	19.8	<5.0	84.3	8.2
Marysville	Mill Valley Elementary School	K-4	A+	519	8.8	8.2	86.6	5.8
Marysville	Navin Elementary School	K-4	A	386	26.5	7.0	82.1	8.5
Marysville	Northwood Elementary	K-4	A	433	20.6	7.4	66.5	13.8
Marysville	Raymond Elementary School	K-4	A+	264	18.4	7.3	85.5	11.7
New Albany-Plain	K-1 Elementary School	K-1	NA	553	5.2	22.9	89.0	7.6
New Albany-Plain	New Albany Elementary 2-3	2-3	A	713	6.6	24.2	85.6	7.2
New Albany-Plain	New Albany Elementary School 4-5	4-5	A+	752	8.6	26.2	90.2	5.9
New Albany-Plain	New Albany High School	9-12	A	1,195	6.7	20.5	91.7	4.8
New Albany-Plain	New Albany Middle School	6-8	A	978	7.2	24.0	91.9	5.0

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Newark	Ben Franklin Elementary School	K-5	A	324	85.9	16.3	62.0	35.6
Newark	Carson Elementary School	K-5	C	497	78.6	18.0	69.1	25.8
Newark	Cherry Valley Elementary School	PK-5	A	474	55.7	10.5	80.3	21.5
Newark	Heritage Middle School	6-8	B	429	70.1	16.7	72.3	24.4
Newark	Hillview Elementary School	PK-5	A+	439	57.4	10.7	75.5	27.1
Newark	John Clem Elementary School	K-5	A+	479	54.7	12.1	72.0	23.0
Newark	Legend Elementary	PK-5	A+	539	43.4	8.5	83.8	18.0
Newark	Liberty Middle School	6-8	B	479	44.3	11.3	86.8	14.9
Newark	McGuffey Elementary School	K-5	A	452	72.5	9.2	71.5	30.0
Newark	Newark High School	9-12	A	1,492	45.4	10.9	62.8	22.3
Newark	Wilson Middle School	6-8	B	431	65.5	15.9	83.4	24.0
Northridge	Northridge High School	9-12	A	480	17.4	<5.0	83.5	7.1
Northridge	Northridge Intermediate	4-5	B	223	18.4	<5.0	93.3	7.1
Northridge	Northridge Middle School	6-8	A	364	21.0	<5.0	92.6	4.1
Northridge	Northridge Primary	K-3	A	322	22.6	<5.0	86.5	9.4
Olentangy	Alum Creek Elementary School	K-5	A	632	<5.0	15.0	90.3	2.1
Olentangy	Arrowhead Elementary School	K-5	A	570	14.8	16.0	70.8	7.4
Olentangy	Cheshire Elementary	K-5	A+	496	<5.0	14.1	-	8.0
Olentangy	Freedom Trail Elementary	K-5	A+	642	<5.0	19.2	92.4	4.6
Olentangy	Glen Oak Elementary School	PK-5	A+	693	17.5	33.2	86.0	8.1
Olentangy	Hyatts Middle School	6-8	A	709	5.0	15.4	91.5	5.3
Olentangy	Indian Springs Elementary	K-5	A	645	<5.0	12.6	55.8	4.5
Olentangy	Johnnycake Corners Elementary School	PK-5	A+	557	<5.0	12.1	93.6	2.9
Olentangy	Liberty Tree Elementary School	PK-5	A+	755	<5.0	18.8	49.4	3.2
Olentangy	Oak Creek Elementary School	K-5	A	636	15.7	25.7	89.9	8.5
Olentangy	Olentangy High School	9-12	A	1,171	7.7	15.2	94.3	2.6
Olentangy	Olentangy Liberty High School	9-12	A	1,458	<5.0	11.2	95.5	1.6
Olentangy	Olentangy Liberty Middle School	6-8	A	800	<5.0	8.4	96.1	1.9
Olentangy	Olentangy Meadows Elementary School	K-5	A+	720	14.1	29.6	85.7	9.9
Olentangy	Olentangy Orange Middle School	6-8	A	1,113	12.0	21.4	92.2	4.2
Olentangy	Olentangy Shanahan Middle School	6-8	A	898	8.8	14.4	94.4	5.4
Olentangy	Orange High School	9-12	A	1,242	14.3	22.4	93.5	4.9
Olentangy	Scioto Ridge Elementary School	K-5	A	648	6.7	16.7	68.9	5.3
Olentangy	Tyler Run Elementary School	K-5	A+	646	<5.0	14.6	85.3	3.5
Olentangy	Walnut Creek Elementary	K-5	A+	595	<5.0	15.0	92.8	3.7
Olentangy	Wyandot Run Elementary School	PK-5	A+	638	<5.0	11.4	81.2	3.2
Pickerington	Diley Middle School	5-6	A+	546	16.1	34.0	92.3	7.7
Pickerington	Fairfield Elementary School	K-4	A+	467	15.4	37.4	84.9	10.8
Pickerington	Harmon Middle School	5-6	A+	595	23.2	42.5	86.9	8.8
Pickerington	Heritage Elementary School	K-4	A	399	16.7	25.2	85.0	12.5
Pickerington	Pickerington Elementary School	K-4	A+	498	15.7	38.9	80.4	14.4
Pickerington	Pickerington High School Central	9-12	A	1,640	22.2	37.6	86.9	8.7
Pickerington	Pickerington High School North	9-12	A	1,841	12.8	27.2	88.5	6.3
Pickerington	Pickerington Lakeview Junior High	7-8	A+	910	15.2	29.3	92.6	5.6
Pickerington	Pickerington Ridgeview Junior High School	7-8	A	863	18.7	36.8	89.8	7.9
Pickerington	Sycamore Creek Elementary School	K-4	A+	639	7.6	30.8	87.4	6.9
Pickerington	Toll Gate Elementary	K-4	A+	513	7.8	19.5	91.3	6.9
Pickerington	Toll Gate Middle School	5-6	A+	463	12.0	21.8	91.7	5.4
Pickerington	Tussing Elementary School	K-4	A	612	33.1	62.0	82.4	10.1
Pickerington	Violet Elementary School	K-4	A	341	8.2	19.2	90.1	6.8

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Reynoldsburg	Baldwin Road Junior High School	7-8	B	388	58.7	55.4	70.5	29.5
Reynoldsburg	French Run Elementary School	K-4	A	396	51.6	50.2	76.6	20.2
Reynoldsburg	Hannah J Ashton Middle School	5-6	A+	416	54.4	54.2	73.6	19.7
Reynoldsburg	Herbert Mills Elementary School	K-4	A+	382	68.7	61.6	66.3	25.7
Reynoldsburg	Reynoldsburg High School	9-12	A	1,540	33.6	48.1	62.8	19.2
Reynoldsburg	Reynoldsburg High School eSTEM	9-12	A	221	29.2	43.2	-	6.2
Reynoldsburg	Rose Hill Elementary School	K-4	A	350	52.1	52.9	73.6	18.1
Reynoldsburg	Slate Ridge Elementary School	K-4	A	510	45.1	48.6	56.6	17.2
Reynoldsburg	Taylor Road Elementary School	K-4	A	477	18.8	40.5	87.1	6.8
Reynoldsburg	Waggoner Road Junior High	7-8	A	597	35.4	45.8	81.7	12.4
Reynoldsburg	Waggoner Road Middle School	5-6	B	533	37.1	45.5	88.4	8.6
Southwest Licking	Etna Elementary School	1-5	B	596	24.6	11.2	89.7	6.7
Southwest Licking	Kirkersville Elementary School	1-5	A	311	30.3	8.2	82.9	11.7
Southwest Licking	Pataskala Elementary School	1-5	A+	550	38.8	12.5	84.9	9.2
Southwest Licking	Southwest Licking Kindergarten Elementary School	K	NA	153	19.2	12.5	-	11.1
Southwest Licking	Watkins Memorial High School	9-12	A	1,171	30.7	9.4	82.7	10.5
Southwest Licking	Watkins Middle School	6-8	A	930	32.7	8.1	89.3	10.0
South-Western	Alton Hall Elementary School	K-4	A	499	60.4	28.2	75.8	17.7
South-Western	Brookpark Middle School	7-8	B	609	46.9	16.8	84.4	14.8
South-Western	Buckeye Woods Elementary School	K-4	A+	728	14.2	9.4	91.2	4.6
South-Western	Central Crossing High School	9-12	C	1,613	43.0	26.5	77.1	16.5
South-Western	Darby Woods Elementary School	K-4	A	641	66.3	43.7	71.4	21.1
South-Western	Darbydale Elementary School	K-4	A	287	50.3	9.8	82.7	11.6
South-Western	East Franklin Elementary School	K-4	A	244	77.2	26.3	74.5	33.1
South-Western	Finland Elementary School	K-4	B	272	71.7	23.9	71.1	27.6
South-Western	Finland Middle School	7-8	C	606	74.5	34.6	79.9	18.9
South-Western	Franklin Heights High School	9-12	C	1,155	68.1	38.4	71.9	22.9
South-Western	Franklin Woods Intermediate School	5-6	C	655	77.4	40.2	75.4	17.8
South-Western	Galloway Ridge Intermediate School	5-6	A	631	72.3	37.9	70.6	26.2
South-Western	Grove City High School	9-12	A	1,830	22.6	9.1	85.6	11.5
South-Western	Hayes Intermediate School	5-6	A	457	22.6	6.6	90.3	4.3
South-Western	Highland Park Elementary School	K-4	A	420	52.8	18.5	79.2	20.0
South-Western	Holt Crossing Intermediate School	5-6	A	685	60.9	34.6	77.5	16.0
South-Western	Jackson Middle School	7-8	A+	638	22.9	7.7	86.4	9.8
South-Western	James A Harmon Elementary School	K-4	A	411	67.7	33.7	77.4	25.3
South-Western	JC Sommer Elementary School	K-4	A	532	40.6	9.8	84.7	11.1
South-Western	Monterey Elementary School	K-4	A	328	45.9	17.1	73.6	14.9
South-Western	North Franklin Elementary School	K-4	A	272	75.2	49.0	70.0	34.6
South-Western	Norton Middle School	7-8	A	503	69.7	39.7	72.6	31.0
South-Western	Park Street Intermediate School	5-6	A	656	55.6	16.9	81.8	10.1
South-Western	Pleasant View Middle School	7-8	B	835	62.0	33.5	74.9	19.0
South-Western	Prairie Lincoln Elementary School	K-4	B	468	67.3	35.9	65.9	38.3
South-Western	Prairie Norton Elementary School	K-4	C	439	81.0	60.7	64.9	32.7
South-Western	Richard Avenue Elementary School	K-4	B	396	54.2	29.8	74.2	17.0
South-Western	Stiles Elementary School	K-4	C	440	94.3	64.7	61.8	54.4
South-Western	West Franklin Elementary School	K-4	A	455	78.0	56.5	67.2	38.0
South-Western	Westland High School	9-12	C	1,499	64.5	39.8	70.1	25.6
Teays Valley	Ashville Elementary School	K-5	A	341	39.5	<5.0	62.9	13.2
Teays Valley	Scioto Elementary School	K-5	A+	542	25.7	8.6	76.2	6.9
Teays Valley	South Bloomfield Elementary	K-5	A	319	46.1	<5.0	-	15.2

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Teays Valley	Teays Valley East Middle School	6-8	B	545	26.6	<5.0	87.0	10.1
Teays Valley	Teays Valley High School	9-12	A	1,124	24.3	<5.0	76.2	10.9
Teays Valley	Teays Valley West Middle School	6-8	A	349	26.7	<5.0	86.4	10.6
Teays Valley	Walnut Elementary School	K-5	A+	357	22.6	<5.0	63.8	8.8
Upper Arlington	Barrington Road Elementary School	K-5	A+	703	<5.0	<5.0	93.7	3.0
Upper Arlington	Greensview Elementary School	K-5	A+	379	<5.0	19.1	91.4	5.7
Upper Arlington	Hastings Middle School	6-8	A	639	<5.0	11.2	94.8	4.1
Upper Arlington	Jones Middle School	6-8	A+	622	<5.0	7.8	95.9	2.2
Upper Arlington	Tremont Elementary School	K-5	A+	519	6.0	19.5	90.6	4.8
Upper Arlington	Upper Arlington High School	9-12	A	1,786	<5.0	9.1	95.7	2.5
Upper Arlington	Windermere Elementary School	K-5	A+	438	<5.0	7.8	95.1	2.5
Walnut Township	Millersport Elementary School	K-6	B	330	51.7	<5.0	82.7	17.0
Walnut Township	Millersport Jr/Sr High School	7-12	C	299	42.8	<5.0	73.1	14.5
Westerville	Alcott Elementary School	K-5	A	632	5.2	15.3	88.8	1.9
Westerville	Annehurst Elementary School	K-5	A	339	47.0	54.3	76.9	10.4
Westerville	Blendon Middle School	6-8	A+	617	27.2	34.9	88.2	5.9
Westerville	Central College Elementary School	1-5	A	130	18.4	25.5	92.2	3.1
Westerville	Cherrington Elementary School	K-5	A	331	39.2	37.0	74.9	12.9
Westerville	Emerson Elementary School	1-5	A+	253	12.2	25.9	90.6	2.0
Westerville	Fouse Elementary School	K-5	A	664	17.0	25.5	83.5	13.3
Westerville	Genoa Middle School	6-8	A	1,042	19.4	29.3	90.1	6.9
Westerville	Hanby Building Elementary School	1-5	A	329	12.0	14.2	90.8	5.4
Westerville	Hawthorne Elementary School	K-5	B	593	56.4	56.6	77.3	12.9
Westerville	Heritage Middle School	6-8	A	815	38.8	45.0	86.3	9.3
Westerville	Huber Ridge Elementary School	K-5	B	538	58.8	47.3	76.5	11.6
Westerville	Longfellow Elementary School	1-5	A+	130	7.7	23.1	93.9	0.8
Westerville	Mark Twain Elementary School	K-5	A	439	34.3	37.4	79.0	12.6
Westerville	Mcvay Elementary School	K-5	A+	440	31.8	38.2	72.9	17.6
Westerville	Pointview Elementary School	K-5	A	262	69.1	60.7	64.7	17.0
Westerville	Robert Frost Elementary School	K-5	A	434	24.6	30.4	79.9	12.2
Westerville	Walnut Springs Middle School	6-8	B	900	32.7	34.6	85.4	9.2
Westerville	Westerville Central High School	9-12	A	1,557	19.3	32.3	84.4	9.9
Westerville	Westerville-North High School	9-12	A	1,456	20.0	32.0	83.0	9.3
Westerville	Westerville-South High School	9-12	A	1,495	27.4	37.3	82.8	9.5
Westerville	Whittier Elementary School	K-5	A	279	30.1	32.0	71.4	15.6
Westerville	Wilder Elementary School	K-5	B	432	36.8	42.0	74.2	13.8
Westfall	Westfall Elementary School	K-5	B	709	50.4	<5.0	86.1	13.2
Westfall	Westfall High School	9-12	B	506	33.4	<5.0	84.0	9.0
Westfall	Westfall Middle School	6-8	B	400	51.7	<5.0	85.9	9.7
Whitehall	Beechwood Elementary School	K-5	C	469	80.4	46.4	69.7	26.7
Whitehall	Etna Road Elementary School	K-5	B	421	76.2	46.4	65.3	18.4
Whitehall	Kae Avenue Elementary School	K-5	D	485	88.6	74.6	61.3	23.4
Whitehall	Rosemore Middle School	6-8	C	637	77.4	54.7	74.4	20.4
Whitehall	Whitehall Yearling High School	9-12	B	800	63.5	53.2	61.6	23.2
Worthington	Bluffsview Elementary School	K-6	A	429	22.2	28.7	86.2	6.0
Worthington	Brookside Elementary School	K-6	B	313	42.7	39.3	80.9	9.8
Worthington	Colonial Hills Elementary School	K-6	B	328	37.4	37.7	84.6	6.0
Worthington	Evening Street Elementary School	K-6	A+	498	7.0	11.6	96.3	2.2
Worthington	Granby Elementary School	K-6	A	448	27.6	28.2	82.3	8.1
Worthington	Kilbourne Middle School	7-8	A+	333	24.6	21.9	92.7	3.9

Columbus Area public school buildings alphabetical by district and school name		District attributes					Mobility measures	
District	School building	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Worthington	Liberty Elementary School	K-6	A	487	27.6	20.0	88.0	9.2
Worthington	Mccord Middle School	7-8	A+	505	24.4	23.8	86.8	5.3
Worthington	Phoenix Middle School	7-8	A+	162	13.6	17.0	93.8	0.6
Worthington	Slate Hill Elementary School	K-6	B	470	51.9	45.6	78.7	13.3
Worthington	Thomas Worthington High School	9-12	A	1,517	20.1	24.7	85.2	8.4
Worthington	Wilson Hill Elementary School	K-6	A	491	26.8	26.4	81.8	8.2
Worthington	Worthington Estates Elementary School	K-6	A	502	25.5	34.5	81.9	15.1
Worthington	Worthington Hills Elementary School	K-6	A	448	6.8	10.8	93.0	3.6
Worthington	Worthington Kilbourne High School	9-12	A	1,283	16.1	19.2	89.7	5.7
Worthington	Worthington Park Elementary School	K-6	A	443	21.6	37.1	82.8	15.3
Worthington	Worthingway Middle School	7-8	B	368	29.9	33.0	86.2	6.0

Appendix C. Columbus Area public charter schools, school year 2010–2011 (unless noted)

Columbus Area public charter schools alphabetical by school name		District attributes					Mobility measures	
District of location	School *denotes dropout recovery school	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Columbus	A+ Arts Academy	K-12	B	251	88.0	>95.0	40.0	21.2
Columbus	Academic Acceleration Academy*	9-12	F	181	>95.0	86.4	11.8	120.3
Columbus	Academy of Columbus	K-8	F	303	89.9	92.4	54.2	17.8
Columbus	Arts & College Preparatory Academy	9-12	A	291	55.4	51.7	70.4	25.1
Columbus	C.M. Grant Leadership Academy	K-8	F	162	<5.0	>95.0	39.1	40.0
Columbus	Capital High School*	8-12	NA	15	>95.0	>95.0	-	60.0
Columbus	Cesar Chavez College Preparatory School	K-5	D	80	90.2	>95.0	55.6	41.7
Columbus	Charles School at Ohio Dominican University	9-12	B	290	61.2	83.7	50.6	16.8
Columbus	Columbus Arts & Technology Academy	K-12	C	385	58.7	>95.0	50.6	28.9
Columbus	Columbus Bilingual Academy	K-8	C	195	94.1	>95.0	50.0	13.7
Columbus	Columbus Bilingual Academy-North	K-8	D	112	91.1	>95.0	-	22.8
Columbus	Columbus Collegiate Academy	6-8	B	103	93.4	>95.0	40.7	33.0
Columbus	Columbus Humanities, Arts and Technology Academy	K-12	D	7,927	>95.0	>95.0	42.7	44.6
Gahanna-Jefferson	Columbus Performance Academy	K-8	NA	64	93.3	>95.0	-	43.5
South-Western	Columbus Preparatory Academy	K-12	A+	650	72.1	42.6	61.8	18.5
South-Western	Columbus Preparatory and Fitness Academy	K-8	D	134	85.3	77.4	31.9	32.2
New Albany-Plain	Cornerstone Academy Community	K-12	B	389	42.7	51.7	62.6	22.7
Columbus	Crittenton Community School	6-9	F	97	89.4	62.6	50.0	95.1
Groveport Madison	Cruiser Academy*	9-12	F	171	17.9	62.6	-	109.2
Columbus	Educational Academy at Linden	K-12	D	102	20.8	>95.0	51.5	7.5
Columbus	Educational Academy for Boys & Girls	K-12	NA	85	81.5	>95.0	83.3	17.3
Columbus	FCI Academy	K-12	C	370	87.6	>95.0	60.0	32.3
Columbus	Focus Learning Academy of Northern Columbus*	K-12	F	291	88.8	90.7	30.0	101.3
Columbus	Focus Learning Academy of Southeastern Columbus*	9-12	F	239	92.0	90.7	17.0	151.6
Columbus	Focus Learning Academy of Southwest Columbus*	9-12	D	344	89.9	55.3	13.9	181.7
Gahanna-Jefferson	Gahanna Alternative Community School	5-12	B	123	38.1	27.9	47.5	63.8
Columbus	Graham Expeditionary Middle School	5-8	C	81	61.8	66.9	-	20.5
Columbus	Great Western Academy	K-8	B	593	65.4	59.1	63.5	13.4
Groveport Madison	Groveport Community School	K-8	D	155	39.4	55.0	54.9	22.7
Hamilton	Hamilton Local Digital Academy*	K-12	C	98	33.3	16.2	31.1	167.9
Columbus	Harrisburg Pike Community School	K-8	D	277	76.0	56.3	47.7	15.6
Columbus	Horizon Science Academy Columbus	9-12	A	377	69.5	86.8	60.9	14.6
Westerville	Horizon Science Academy Columbus Middle School	6-8	B	309	93.5	86.1	65.3	22.4
Columbus	Horizon Science Academy Elementary School	K-5	B	286	74.5	88.9	67.8	7.0
Worthington	International Acad Of Columbus	K-10	C	199	>95.0	74.9	48.5	31.3
Columbus	KIPP: Journey Academy	5-8	B	243	92.2	93.7	58.8	18.5
Lancaster	Lancaster Fairfield Community School*	9-12	C	45	77.7	<5.0	17.4	181.3
Columbus	Life Skills Center of Columbus North*	9-12	C	207	83.2	65.8	6.3	175.4
Columbus	Life Skills Center of Columbus Southeast*	9-12	C	276	79.4	75.5	10.3	229.3
Columbus	Midnimo Cross Cultural Community School	K-12	F	148	89.9	>95.0	55.0	22.6
Columbus	Millennium Community School	K-8	C	656	81.2	>95.0	50.0	23.1
Columbus	New Beginnings Academy*	8-12	NA	61	88.1	>95.0	-	14.3
Columbus	Noble Academy-Columbus	K-12	B	186	80.1	41.7	48.6	24.3
Columbus	Northland Preparatory and Fitness Academy	K-8	C	247	85.6	89.3	53.0	32.3
Columbus	Notten School for Science, Technology, Engin. and Math	K-12	NA	67	73.9	>95.0	-	110.2
Columbus	Oakstone Community School	K-12	A	236	12.4	16.3	90.9	12.8
Newark	Par Excellence Academy	K-6	B	133	62.1	30.1	55.6	16.3
Columbus	Patriot Preparatory Academy	K-12	C	436	42.1	87.8	-	6.6

Columbus Area public charter schools alphabetical by school name		District attributes					Mobility measures	
District of location	School *denotes dropout recovery school	Grade range	Rating	Average daily enrollment	Economic disadvantage	Minority race or ethnicity	Two-year building cohort stability	One-year churn rate
				#	%	%	%	%
Columbus	Performance Academy Eastland	K-8	C	244	87.0	85.4	62.7	33.9
Columbus	Premier Academy of Ohio	7-12	D	210	94.8	85.7	42.2	54.6
Columbus	Providence Academy for Student Success	K-12	F	219	91.3	>95.0	37.2	39.4
Columbus	Pschtec Public School*	8-12	F	82	>95.0	74.4	32.0	95.0
Reynoldsburg	RCCS*	9-12	F	77	34.5	51.8	-	170.5
Columbus	Road to Success Academy*	8-12	NA	44	55.1	>95.0	-	56.8
Columbus	Scholarts Preparatory and Career Center for Children	K-12	F	179	45.4	69.4	45.5	64.4
Columbus	South Scioto Academy	K-6	C	148	66.6	91.4	41.8	38.9
Columbus	Sullivant Avenue Community School	K-5	C	387	73.9	77.7	45.9	18.6
Columbus	Summit Academy Columbus	K-10	NA	40	74.0	52.5	37.5	41.7
Columbus	Summit Academy Middle School - Columbus	5-12	F	41	75.4	47.8	37.5	17.5
Columbus	Summit Academy Transition High School-Columbus	9-12	C	40	64.2	44.2	55.9	19.0
Columbus	The Arch Academy*	8-12	NA	84	89.8	>95.0	-	11.8
Columbus	The Graham School	9-12	C	232	33.6	29.7	67.8	23.6
Columbus	W. C. Cupe College Preparatory School	K-12	NA	101	73.2	>95.0	42.7	0.0
Columbus	Westside Academy	K-8	B	149	>95.0	92.3	54.1	25.9
Columbus	Whitehall Preparatory and Fitness Academy	K-8	C	278	86.8	94.5	56.0	20.5
Upper Arlington	Wickliffe Progressive Community School	K-5	A+	456	<5.0	14.0	90.7	4.3
Columbus	Youthbuild Columbus Community*	9-12	A	234	80.6	94.1	74.8	21.5
Gahanna-Jefferson	Zenith Academy	K-12	C	310	>95.0	>95.0	48.5	39.3
Columbus	Zenith Academy East	K-8	NA	101	>95.0	>95.0	-	67.1

