

Ohio Student Mobility Research Project

Dayton Area Profile

November 2012



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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 Dayton Area Profile

The Dayton Area Profile focuses on the mobility of 14,174 Dayton Public Schools (DPS) students and that of the more than 200,000 students in the other 60 public districts, 39 physical charter schools, and e-charters in an approximate 30 mile radius of DPS (the research includes only Ohio schools and students). For analysis purposes, Dayton Area districts are divided into Ring 1—those adjacent to DPS and/or within Montgomery 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 Dayton 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

- **Dayton Public Schools.** Sixty-nine percent of a cohort of students in grades K-7 remained in the same DPS building over two years, the third lowest stability rate of the 18 Dayton Area Ring 1 districts.
- **Other less stable districts.** Jefferson Township had the lowest building stability rate (65.9%) among the Ring 1 districts. Trotwood-Madison and Mad River had building stability rates of 70% or less for grades K-7.
- **Most stable districts.** Oakwood and Brookville had building stability rates of 90% or greater for grades K-7.

Grades 8-11 building stability

- **Dayton Public Schools.** Sixty-five percent of a cohort of students in grades 8-11 remained in the same DPS building over two years, the second lowest stability rate of the 18 Dayton Area Ring 1 districts.
- **Other less stable districts.** Trotwood-Madison had the lowest building stability rate (64.4%) among the Ring 1 districts. Fairborn, Jefferson Township, Northridge, and New Lebanon also had building stability rates of 70% or less for grades 8-11.
- **Most stable districts.** Centerville and Oakwood had building stability rates of 90% or greater for grades 8-11.

Charter school stability

- Only seven of the 49 largest charter schools in the Dayton Area had stability rates of 70% or more, while 22 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 12,000 admissions to and withdrawals from schools in the 18 Dayton 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

- **Dayton Public Schools.** The DPS K-8 churn rate (18.2%) and the 19.4% churn rate for grades 9-12 were the fourth highest among the 18 Ring 1 district. The 16 DPS buildings with the most churn have rates ranging from 26% to 295%. The building with the most churn is the Longfellow Alternative School.
- **Other high churn districts.** The Northridge, Trotwood-Madison, and Jefferson Township districts had K-12 churn rates of more than 20%.
- **Lowest churn districts.** Among the Dayton Area Ring 1 districts, only Oakwood had a K-12 churn rate of below 4.0%.

Charter school building churn

- Only three of the 37 largest physical charter schools in the Dayton Area had churn rates below 10%. Seven schools had rates of greater than 50%. The charter schools with the greatest churn (90-175%) 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 61 public districts in the Dayton Area exchanged 14,559 students. Another 10,479 students were exchanged between public districts and charter schools (both physical and e-charters). The largest numbers of exchanges were between schools in close proximity to each other, but Dayton Area schools also exchanged students with schools from across the state.

Dayton Public Schools

Over two school years, 5,164 unique students transferred between DPS and another Ohio district or charter school. Of these, 55% moved to or from another district, 37% moved to or from a physical charter school; and 8% moved to or from an e-charter school. During this time period 1,535 made a non-promotional change of schools within the DPS district.

- **Dayton Public Schools exchanges with other districts.** Over two school years, 3,047 students were enrolled in a DPS school and in one of the 30 Ohio public districts that exchanged the most students with DPS. In these exchanges, 1,458 students entered DPS from another district, and

1,589 students left DPS for another district. The districts that exchanged at least 300 students with DPS were Trotwood-Madison and Huber Heights.

- **Dayton Public Schools exchanges with charters.** Over two school years, 2,643 students were exchanged between DPS schools and 30 charter schools. Eighty-three percent of these exchanges were from DPS to a physical charter school, and 17% were with e-charters, led by eCOT (288 students).
- **Dayton Public Schools exchanges with buildings in other districts.** About one-half of DPS intra-district building moves occurred at the K-8 school level and half at the high school level. DPS Belmont and Dunbar high schools exchanged a total of at least 40 students each with high schools in the Fairborn, Huber Heights, Kettering, Mad River, Northmont, Northridge, Springfield City, Trotwood-Madison, and West Carrollton districts. Edison PreK–8 School was the only DPS elementary school to exchange 40 or more students with elementary schools in other districts—those being the Northridge and Trotwood-Madison districts.
- **Exchanges among Dayton Public Schools buildings.** Over the two school years, 1,513 DPS students made a non-promotional change of school within the DPS district. Of the 30 buildings that exchanged the most students, Longfellow Alternative was the most frequent receiving school, followed by Meadowdale High and Thurgood Marshall High. The most frequent sending schools were Longfellow Alternative, Belmont High, and Dunbar High.

Other Dayton Area districts

- **Exchange patterns among districts.** Over two years, there were 6,024 student exchanges among the 25 largest Dayton Area districts (excluding DPS). The Kettering, Huber Heights, Middletown, and Franklin districts had the most inter-district exchanges. Districts that exchanged more than 150 students were Middletown and Edgewood, Miamisburg and West Carrollton, Kettering and Centerville, Little Miami and Lebanon, and Piqua and Troy.

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 DPS district, the state 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 Dayton Public Schools for another district.** Sixty-four percent went to a school with a rating two or more ratings higher; 33% percent went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.
- **Entering Dayton Public Schools from another district.** Sixty percent went to a school with a rating two or more ratings lower; 40% percent went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin.
- **Exiting Dayton Public Schools for a charter school.** Sixty-nine percent went to a school with a rating similar to (the same or one rating higher or lower) that of their school of origin; 25% went to a school with a rating two or more ratings higher.
- **Changing schools within Dayton Public Schools.** Seventy-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.

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, DPS was primarily surrounded by districts that did not accept open enrollment students from other districts. However, many districts in the Dayton Area—particularly those in Ring 2—do permit open enrollment. Thirteen 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 Springfield residence to Clark-Shawnee enrollment (273), Dayton to Northridge (173), Springfield to Northwestern (101), and Middletown to Madison (86).

Mobility and the student

The analysis of mobility and DPS 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 DPS 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 Dayton Public Schools buildings.** Compared to stable DPS students, those who move between DPS buildings are more likely to be economically disadvantaged, homeless, or have a disability.
- **Outgoing and incoming students.** Compared to DPS students leaving the district, incoming students are more likely to be black, an immigrant, or LEP.

Student characteristics and destination of outgoing students

How do the characteristics of outgoing DPS 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 or to a district outside of Ohio; white students are more likely to move to an e-charter or to a district outside of Ohio; and Hispanic students are more likely to move to a district outside of Ohio.
- **Immigrant and LEP.** Immigrant and LEP students are more likely than those who are not and immigrant or LEP 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 and economic disadvantage of test takers

Of the 2,053 third- and eighth-grade DPS students who took the 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. The largest mover groups were those who made one summer-only group or one move during the school year.

Mobility history and test scores

For all groups other than summer-only movers there is a general downward trend in average test scores and passage rates for 3rd and 8th grade OAA tests—with the exception of 3rd grade reading—with each successive school change that a DPS student made. (Figures 1 and 2). All mover groups who moved at least once during the school year had lower average test scores and passage rates than

students who did not change schools over the previous two years. However, the scores were the same or slightly higher for the group with only one summer move than for the 0-mover group.

Statistical modeling compared mean test scores for mover groups. For the 3rd grade groups, the number of school changes over the previous two years is an independent predictor of 3rd grade math scores, but this relationship was not found for 3rd grade reading scores. Race or ethnicity was also found to be an independent predictor of test scores, but not as strong as for the 8th grade test. Economic disadvantage was found to be a predictor of 8th grade test scores, but there were not enough students in the “non-economic disadvantage” group to test this for 3rd grade students.

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 Dayton Area Ring 1 districts, Jefferson Township has the highest percentage of students whose achievement test scores are rolled up to the state (22.2%). The DPS figure (10.1%) is the 9th highest among the 15 Major Urban districts.

Statewide context

To provide context for the data in the Dayton 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.

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 Dayton Area Profile

This report is a mobility profile of students in the Dayton Area. It focuses on the mobility of Dayton Public Schools students and how students move within the district and between and among 50 districts and 39 physical charter schools within an approximate 30 mile radius of DPS. 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 Dayton 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, Columbus, Cincinnati, and Toledo areas are available at: www.researchpartners.org.

2.0 The Dayton Area

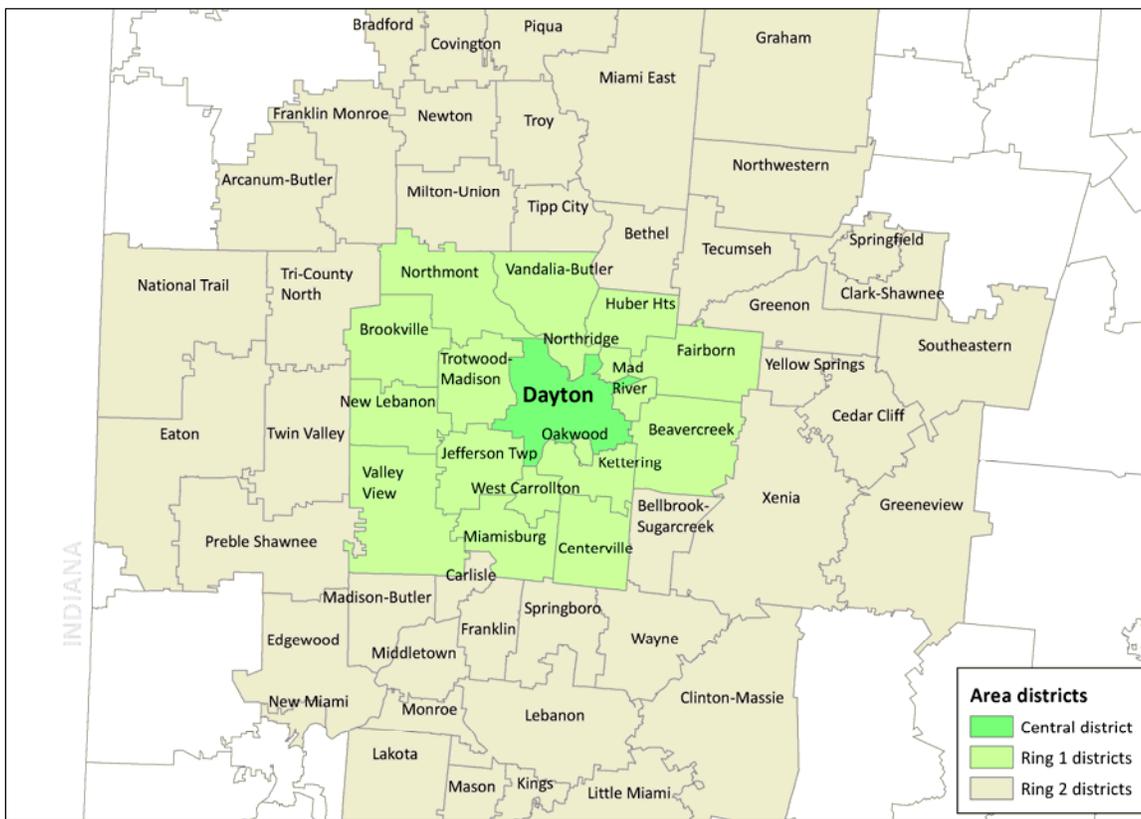
The Dayton Area, as defined for the student mobility research, is the geographic area that includes all public school districts and physical public charter schools within approximately 30-miles of the central district, Dayton Public Schools (Map 1; Table 1). Portions of the analysis also include students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

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

- **Ring 1:** districts adjacent to DPS and/or within Montgomery County
- **Ring 2:** the remainder of the districts, which are farther from the DPS 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 Dayton Area can be found in the appendix and in on-line spreadsheets at www.researchpartners.org.

Map 1. School districts in the Dayton 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 Dayton Area, school year 2010–2011

	Public districts	Buildings in public districts	Public charter schools
Dayton Public Schools (DPS)	1	31	25
Ring 1 (districts within same county or adjacent to DPS)	17	109	5
Ring 2 (other districts within 30 miles of DPS)	43	215	9

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

2.1 Dayton Area schools at a glance

Dayton Public Schools: student characteristics

DPS is the tenth largest district in Ohio and had a 31% loss in enrollment over ten years (Table 2). In school year 2010-11, nearly three-quarters of DPS students were a minority race or ethnicity, including 67.1% black, 3.2% Hispanic, and 0.3% Asian students. Nine of ten students were economically disadvantaged (eligible for Free and Reduced Price Lunch Program); 1.2% were immigrants; 3.2% had limited English proficiency (LEP); and 20% had a disability. Of the more than 1,000 homeless students in Dayton Area districts in school year 2010, 36% were enrolled in DPS.

Among children ages 5–17 living within the DPS district boundaries, 6,877 (25.9%) lived in a different house than they did one year prior. About 1 in 5 children residing within the district and enrolled in grades 1–12 were enrolled in a private school. (American Community Survey 2010)

Other Dayton Area districts: student characteristics

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

- Eleven districts had economic disadvantage rates above 50% (Trotwood-Madison, New Miami, Northridge, Springfield City, Middletown, West Carrollton, Xenia Community, Piqua, Mad River, Fairborn, and Bradford).
- No districts had LEP rates above 5%.
- Only in Trotwood-Madison and Jefferson Township did minority students make up more than half of the student population.
- Fairborn had the second largest number of homeless students (176) after DPS.

Table 2. Dayton 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 Dayton Area	203,134	-0.3	36.5	21.5	1.7	1,174
All Ring 1 districts	79,729	-10.1	44.7	31.4	1.8	696
Dayton	14,174	-31.1	92.5	74.8	3.2	419
Centerville	8,035	+10.1	13.7	18.9	1.7	-
Beavercreek	7,571	+15.8	13.2	15.9	2.4	-
Kettering	7,123	-5.9	38.6	12.2	1.6	15
Huber Hts.	6,178	-8.0	39.5	34.7	3.1	-
Northmont	5,377	-3.7	29.0	26.1	1.4	-
Miamisburg	5,338	+10.4	36.0	15.1	1.0	30
Fairborn	4,264	-21.9	51.1	21.8	1.1	176
West Carrollton	3,726	-1.5	54.5	23.7	4.9	14
Mad River	3,461	-9.8	51.9	21.7	0.8	-
Vandalia-Butler	3,206	-4.4	28.8	13.4	0.7	-
Trotwood-Madison	2,657	-26.9	81.9	92.1	0.0	42
Oakwood	2,075	+8.5	<5.0	7.2	0.0	-
Valley View	1,873	-2.9	17.2	<5.0	0.0	-
Northridge	1,627	-18.9	77.9	25.9	0.0	-
Brookville	1,465	-7.0	25.2	<5.0	0.0	-
New Lebanon	1,160	-15.0	48.8	<5.0	0.0	-
Jefferson Township	419	-39.2	5.3	85.8	0.0	-
All Ring 2 districts	123,405	+7.2	31.2	15.0	1.7	478
Dayton Area physical charter schools	8,459	-	83.1	82.8	-	-
Dayton Area students in e-charters	3,831	-	61.2	33.9	-	-

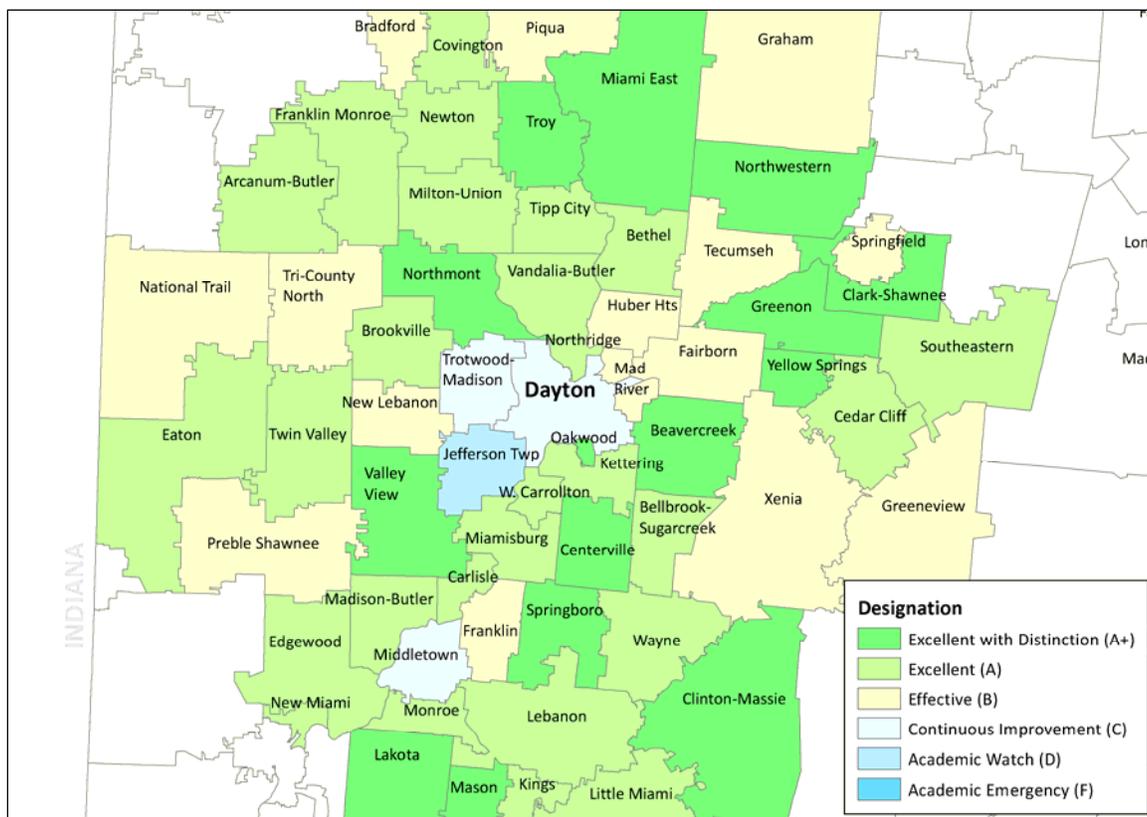
Source: Ohio Department of Education Note: (1) For e-charters, enrollment is October 1 enrollment of students residing in Dayton Area districts; for all other districts, figure is average daily enrollment.

Dayton 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 60 Dayton Area districts, 42 had the two highest designations (Excellent or Excellent with Distinction) for school year 2010–2011. One district (Jefferson Township) had the second lowest designation of Academic Watch, while no districts had the lowest designation of Academic Emergency.
- DPS had a rating of Continuous Improvement, as did 8 of the other 15 Major Urban school districts (see Table i) in Ohio. Only Springfield City and Cincinnati City were more highly rated.
- Of the 31 DPS school buildings in operation, none had the highest state report card designation, while one (Valerie PreK–8 School) had the second highest designation. Seventeen had the two lowest designations.

Map 2. Dayton 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 nearly 2,400 voucher holders whose district of residence was a Dayton Area district. The districts of residence of these voucher holders were:

- Dayton—1,668
- Springfield—473
- Middletown—110
- Jefferson Township—64
- Trotwood-Madison—32
- Preble Shawnee—< 10

Vouchers were used at 36 Dayton Area 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 Dayton 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
Mother Maria Anna Brunner Catholic	250	Nightingale Montessori Inc.	32
Mary, Queen of Peace, Homewood Campus	200	Archbishop Alter	30
Catholic Central Elementary	156	St Albert The Great	29
East Dayton Christian	150	Salem Christian Academy, LLC	28
Immaculate Conception	134	Gloria Dei Montessori	22
St Anthony	121	St Charles Borromeo	14
Emmanuel Christian Academy	120	St Peter	14
St Helen	104	Ridgewood School, The	13
Our Lady Of Rosary	102	Risen Christ Lutheran School	13
Holy Angels	101	Guiding Shepherd Christian School	< 10
Chaminade-Julienne	92	Bethlehem Lutheran School	< 10
Ascension	80	Dayton Islamic School, Inc	< 10
Carroll	79	Xenia Christian Elementary School	< 10
Dayton Christian School	78	Xenia Christian High School	< 10
Springfield Christian	61	Troy Christian Elementary School	< 10
Catholic Central Junior/Senior High School	53	Troy Christian High School	< 10
Spring Valley Academy	42	Bishop Leibold E And W Campus	< 10
Mulligan Stew Academy	36	Incarnation	< 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 Dayton 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?

School district stability for Dayton Area districts grades K-7

In the least stable Dayton 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.

Dayton Public Schools

- Of the DPS October 2009 grades K–7 cohort, 78.5% of the students remained in the district over two years, and 68.8% remained in the same DPS building over two-years (Map 3).
- Compared to the 15 districts designated as Major Urban by ODE, DPS had the 7th highest 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 Dayton Area districts

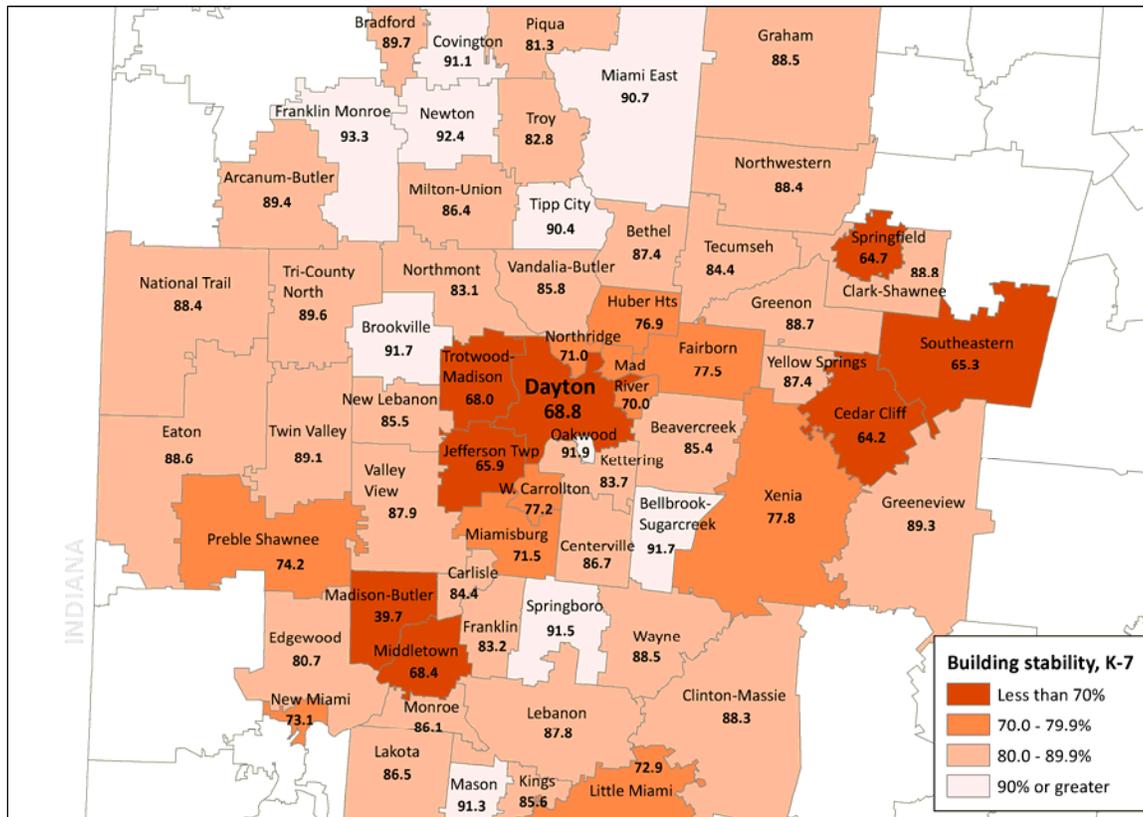
- Trotwood-Madison and Mad River were the only Ring 1 districts with district stability rates for grades K–7 that were below 70%. Oakwood and Brookville were the most stable, with rates above 90%.
- Seven Dayton Area districts (Rings 1 and 2) had building stability rates for grades K–7 that were below 70% and which were lower than the rate for DPS.
- Among all Dayton Area districts with 50% or more economically disadvantaged students, Bradford had the highest district stability rate (89.5%) and the highest building stability rate (89.7%) for grades K–7.

Table 4. Dayton 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 (%)
Oakwood	A+	1,297	93.0	1,001	91.9
Brookville	A	884	91.2	780	91.7
Valley View	A+	1,178	89.0	1,051	87.9
Centerville	A+	4,797	89.2	3,606	86.7
Vandalia-Butler	A	1,976	87.9	1,723	85.8
New Lebanon	B	681	86.0	612	85.5
Beavercreek	A+	4,601	87.5	4,010	85.4
Kettering	A	4,409	86.8	3,727	83.7
Northmont	A+	3,296	89.4	2,833	83.1
Fairborn	B	2,728	79.1	2,072	77.5
West Carrollton	A	2,233	77.8	1,647	77.2
Huber Hts	B	3,799	82.2	3,348	76.9
Miamisburg	A	3,616	83.4	2,431	71.5
Northridge	A	1,118	72.4	828	71.0
Mad River	B	2,230	73.4	1,698	70.0
Dayton	C	8,787	78.5	8,762	68.8
Trotwood-Madison	C	1,599	70.9	1,189	68.0
Jefferson Township	D	246	62.6	214	65.9

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. Dayton 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

Dayton Public Schools

- DPS district and building two-year stability rates (71.5% and 64.8%, 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 (Table i), DPS had the 8th highest district grades 8-11 stability rate. 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 Dayton Area districts

- The Ring 1 districts Northridge (68.2%), Jefferson Township (68.9%), and Trotwood-Madison (69.4%) had district stability rates for grades 8-11 that were 70% or lower. Centerville and Oakwood had grades 8-11 district stability rates of 90% or greater.
- Of the Ring 2 districts, New Miami (63.3%), Bradford (69.4%), and Springfield City (69.7%) had district stability rates for grades 8-11 that were 70% or lower. Newton, Mason, and Bellbrook-Sugarcreek were the only Ring 2 districts with grades 8-11 stability rates above 90%.

Building stability for Dayton Public Schools

Many of the most stable DPS schools are specialty or magnet schools (Table 6). DPS buildings with the lowest stability rates lose from one-third to one-half of the students in a cohort over two school years (Table 7).

Table 6. DPS: 15 most stable school buildings, October 2009–May 2011

School building	Grade range	Rating	Oct. 2009 cohort	In same building, May 2011 (%)
Stivers School For The Arts	7-12	B	808	90.1
David H. Ponitz Career Technology Center	9-12	C	412	80.8
Rosa Parks School	PK-8	D	351	78.9
Charity Adams Earley Girls Academy	K-6	C	273	76.9
Valerie School	PK-8	A	453	74.6
Horace Mann School	PK-8	C	392	74.5
Eastmont Park School	PK-8	D	413	73.8
World of Wonder School	PK-8	C	379	73.4
Belle Haven School	PK-8	D	410	72.9
Ruskin School	PK-8	D	397	72.8
Kiser School	PK-8	F	416	72.4
Wogaman School	PK-8	C	436	72.2
Cleveland School	PK-8	D	419	69.7
Fairview School	PK-8	D	332	69.6
Edison School	PK-8	F	339	67.0

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. DPS: 15 least stable school buildings, October 2009–May 2011

School building	Grade range	Rating	Oct. 2009 cohort	In same building, May 2011 (%)
Meadowdale School	PK-8	D	370	66.2
E. J. Brown School	PK-8	F	417	66.2
Westwood School	PK-8	F	392	66.1
Thurgood Marshall High School	9-12	C	508	65.7
Dayton Boys Preparatory Academy	PK-7	C	222	63.1
River's Edge Montessori School @ Franklin	K-8	D	387	63.0
Meadowdale High School	9-12	D	469	61.4
Wright Brothers School @ Grant	PK-8	C	333	61.0
Kemp School	PK-8	C	418	60.8
Louise Troy School	PK-8	D	401	60.6
Patterson/Kennedy School	PK-8	F	566	59.5
Gardendale Academy	K-12	NA	47	55.3
Dunbar High School	9-12	D	490	53.9
Belmont High School	9-12	D	718	47.4
Longfellow Alternative School	PK-12	NA	146	21.2

Source: CRP analysis of ODE enrollment records

Stability for charter schools

Stability rates for many of the public charter schools in the Dayton Area were low (Table 8). Only seven of the largest charter schools had stability rates of 70% or more, while 22 schools had rates of less than 50%. The least stable charter schools are primarily dropout recovery schools

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

School (District location if other than DPS) *Dropout recovery school <i>E-charter school in italics</i>	Grade range	Rating	Econ. disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
Summit Academy Community School for Alternative Learners of Middletown (Middletown)	K-10	F	60.8	65	84.6
Springfield Academy Of Excellence (Springfield)	K-6	D	93.9	189	79.4
Summit Academy Transition High School Dayton	9-12	C	50.4	32	78.1
Dayton Early College Academy, Inc.	7-12	A+	78.4	339	77.6
Richard Allen Academy	1-8	C	82.9	60	76.7
Pathway School of Discovery	K-8	B	77.5	686	75.1
A.B. Graham Academy (Graham)	K-12	B	13.5	137	73.7
Richard Allen Academy II	K-8	C	77.3	424	68.4
Summit Academy-Xenia (Xenia)	K-10	D	60.5	41	68.3
Middletown Fitness & Prep Academy (Middletown)	K-8	C	78.3	253	67.2
North Dayton School Of Science & Discovery	K-8	C	>95.0	539	65.7
Trotwood Fitness & Prep. Academy (Trotwood-Madison)	K-8	C	93.7	288	65.6
Springfield Preparatory and Fitness Academy (Springfield)	K-8	A	90.4	164	64.6
Emerson Academy	K-8	B	>95.0	568	63.9
Dayton Leadership Academies-Dayton View Campus	K-8	C	>95.0	492	62.6
<i>Ohio Connections Academy, Inc.</i>	K-12	B	53.8	322	62.1
Summit Academy Dayton	K-12	F	77.0	58	62.1
Dayton Leadership Academies-Dayton Liberty Campus	K-8	C	>95.0	554	61.6
<i>Alternative Education Academy</i>	K-12	D	49.1	72	59.7
<i>Ohio Virtual Academy</i>	K-12	B	45.3	501	59.7
Richard Allen Academy III (Hamilton)	K-8	C	92.1	225	59.1
<i>Ohio Connections Academy, Inc.</i>	K-12	B	31.2	89	58.4
<i>Ohio Virtual Academy</i>	K-12	B	56.1	941	56.6
City Day Community School	K-8	C	>95.0	119	55.5
<i>Alternative Education Academy</i>	K-12	D	56.2	167	53.9
Klepinger Community School	K-8	C	50.8	334	52.7
Horizon Science Academy Dayton High School	K-12	C	63.5	217	51.6
Miami Valley Academies (West Carrollton)	K-12	D	87.8	152	49.3
<i>Electronic Classroom Of Tomorrow</i>	K-12	C	71.1	174	48.3
<i>Virtual Community School Of Ohio</i>	K-12	C	74.2	195	48.2
New Choices Community School	7-12	C	54.9	143	44.8
<i>Electronic Classroom Of Tomorrow</i>	K-12	C	77.7	993	42.7
Richard Allen Preparatory	K-12	NA	79.9	206	42.2
<i>Treca Digital Academy *</i>	K-12	D	79.9	216	41.7
Dayton Technology Design High School*	9-12	F	87.3	98	39.8
<i>Greater Ohio Virtual School *</i>	9-12	D	55.0	113	38.9
<i>Fairborn Digital Academy *</i>	9-12	C	68.1	122	34.4
Horizon Science Academy-Dayton	K-12	C	>95.0	186	32.8
Mound Street Health Careers Academy*	9-12	C	83.9	123	26.0
The ISUS Institute of Health Care*	9-12	A	93.3	95	22.1
General Chappie James Leadership Academy (Jefferson Township)*	9-12	C	60.7	73	21.9
Tech Con Institute (Trotwood-Madison)*	K-12	F	94.4	58	20.7
Mound Street IT Careers Academy*	9-12	C	84.0	83	19.3

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

School (District location if other than DPS) *Dropout recovery school <i>E-charter school in italics</i>	Grade range	Rating	Econ. disadv. (%)	Oct. 2009 cohort	In same building, May 2011 (%)
The ISUS Institute of Construction Technology*	9-12	A	88.8	81	17.3
Miamisburg Secondary Academy (Miamisburg)*	7-12	C	<5.0	46	13.0
Life Skills Center-Middletown (Middletown)*	9-12	C	79.2	219	12.8
Life Skills Center-Springfield (Springfield)*	9-12	F	82.5	222	12.6
Mound Street Military Careers Academy*	9-12	C	87.6	61	11.5
Life Skills Center of Dayton*	9-12	F	89.6	289	11.1

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 Dayton Area districts

There were more than 12,000 admissions to and withdrawals from schools in the 18 Dayton Area Ring 1 districts during the 2010-2011 school year. For about half of the Ring 1 Dayton Area districts, churn in grades K-8 resulted in a net gain of students (more admissions than withdrawals) and about half in a net loss (more withdrawals than admissions), while the churn in grades 9-12 produced a net loss of students in all but one district.

Dayton Public Schools

- DPS had similar churn rates for grades K-8 (18.2%) and grades 9-12 (19.4%) (Table 9).
- Compared to the 15 districts designated as Major Urban by ODE, DPS had the 6th highest grades K-8 churn rate and the 5th highest grades 9-12 churn rate. 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 Dayton Area Districts

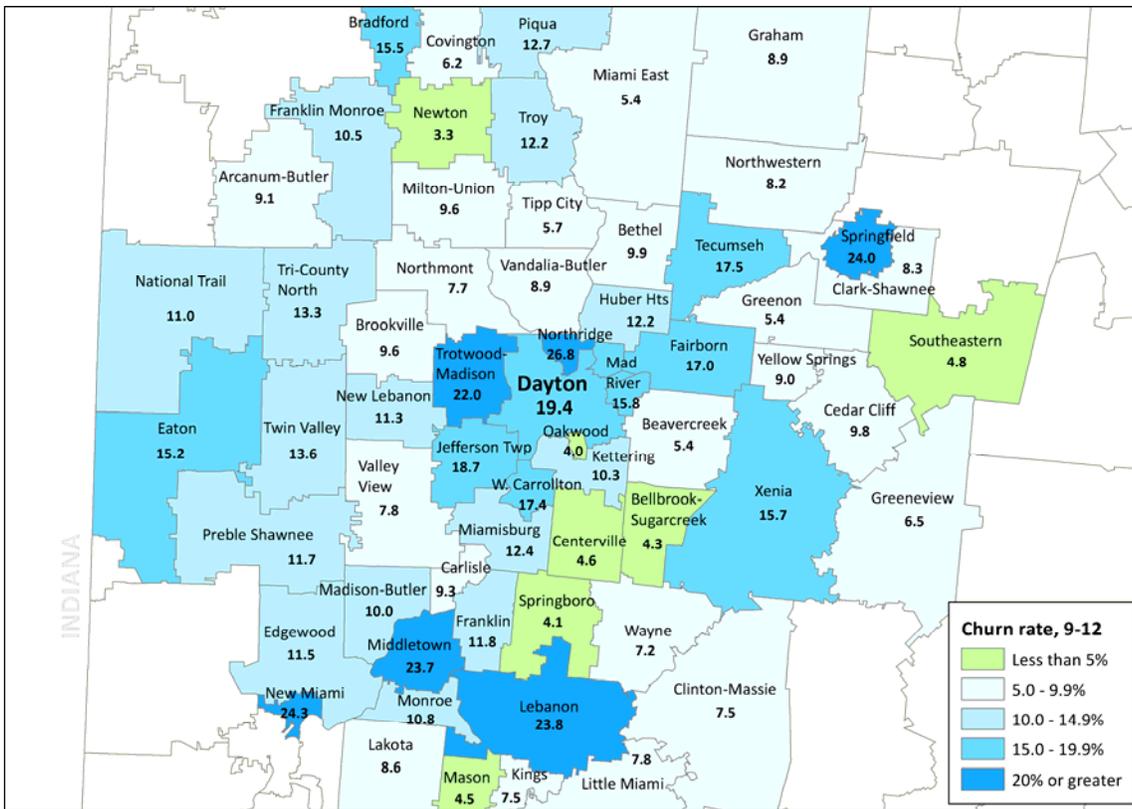
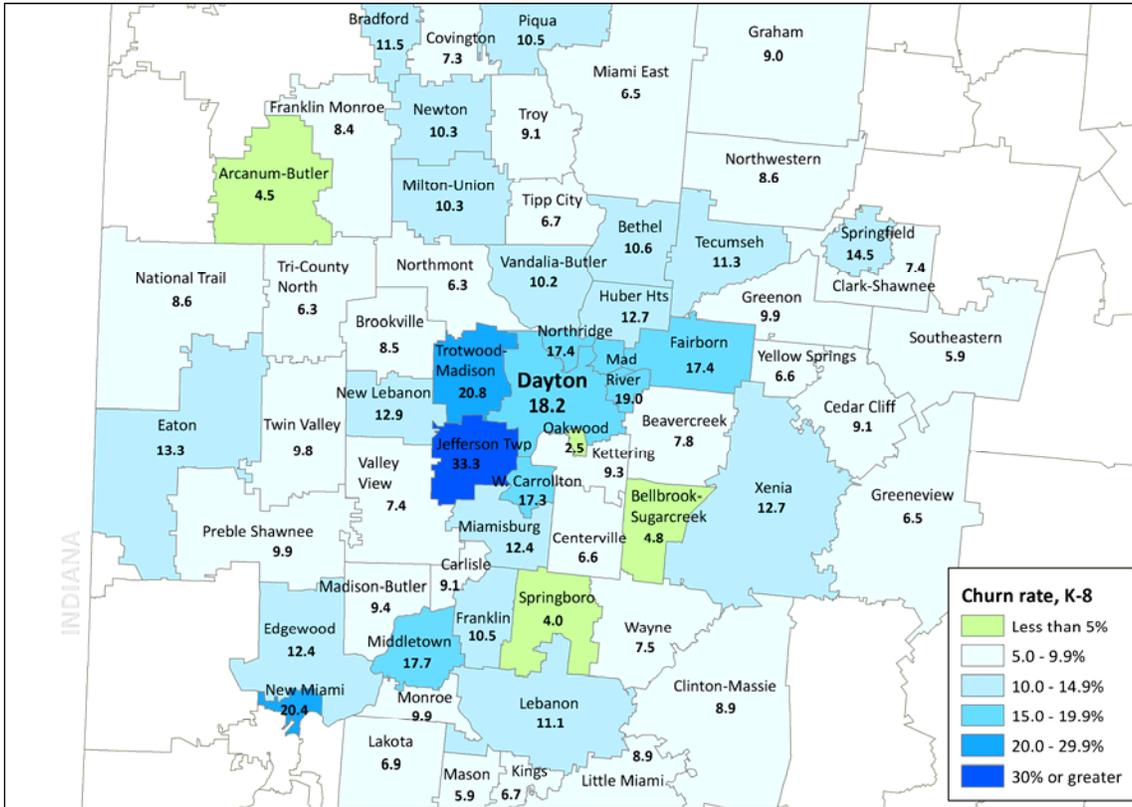
- Trotwood-Madison and New Miami had churn rates of more than 20% for both grades K-8 and grades 9-12. Oakwood, Springboro Community, and Bellbrook-Sugarcreek had churn rates of less than 5% for grades K-8 and grades 9-12.
- In the Dayton Area (Rings 1 and 2), fewer than half of all districts (26 of 61) have a higher churn rate for grades K-8 than for grades 9-12 (see Maps 5 and 6).

Table 9. Dayton 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 enroll.	Admits	Withdrawals	Churn rate (%)	Oct. 2010 enroll.	Admits	Withdrawals	Churn rate (%)	
Oakwood	1,460	22	14	2.5	675	10	17	4.0	3.0
Centerville	5,453	185	173	6.6	2,822	57	72	4.6	5.9
Northmont	3,719	117	119	6.3	1,642	49	77	7.7	6.8
Beavercreek	5,224	223	187	7.8	2,451	57	75	5.4	7.1
Valley View	1,306	44	52	7.4	578	13	32	7.8	7.5
Brookville	1,007	34	52	8.5	406	16	23	9.6	8.8
Kettering	4,929	226	234	9.3	2,375	66	179	10.3	9.7
Vandalia-Butler	2,194	115	108	10.2	1,027	33	58	8.9	9.7
New Lebanon	775	46	54	12.9	320	13	23	11.3	12.4
Miamisburg	3,952	223	268	12.4	1,496	59	127	12.4	12.4
Huber Hts.	4,266	276	265	12.7	1,923	101	134	12.2	12.5
Fairborn	3,072	283	252	17.4	1,171	71	128	17.0	17.3
West Carrollton	2,558	228	214	17.3	1,028	76	103	17.4	17.3
Mad River	2,373	205	247	19.0	1,109	44	131	15.8	18.0
Dayton	9,935	966	842	18.2	4,115	269	531	19.4	18.6
Northridge	1,207	89	121	17.4	482	39	90	26.8	20.1
Trotwood-Madison	1,723	192	167	20.8	859	77	112	22.0	21.2
Jefferson Township	225	45	30	33.3	155	17	12	18.7	27.4
Total Ring 1	55,378	3,519	3,399		24,634	1,067	1,924		

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. Dayton 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 Dayton Public Schools

Many of the most stable DPS schools with the lowest churn rates are specialty or magnet schools (Table 10). DPS 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. DPS: 14 lowest building churn rates, school year 2010–2011

School building	Grade range	Rating	Oct. 2010 enroll.	Churn rate (%)
Stivers School For The Arts	7-12	B	924	3.9
David H. Ponitz Career Technology Center	9-12	C	627	7.3
Valerie School	PK-8	A	462	10.8
Horace Mann School	PK-8	C	446	17.0
Charity Adams Earley Girls Academy	K-6	C	314	17.5
Wogaman School	PK-8	C	471	19.7
Cleveland School	PK-8	D	477	20.3
Edison School	PK-8	F	435	20.7
World of Wonder School	PK-8	C	448	20.8
Thurgood Marshall High School	9-12	C	640	20.8
River's Edge Montessori School @ Franklin	K-8	D	422	22.0
Belle Haven School	PK-8	D	459	22.2
Ruskin School	PK-8	D	472	22.9
Kiser School	PK-8	F	497	25.2

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. DPS: 15 highest building churn rates, school year 2010–2011

School building	Grade range	Rating	Oct. 2010 enroll.	Churn rate (%)
Rosa Parks School	PK-8	D	447	26.0
E. J. Brown School	PK-8	F	466	26.0
Eastmont Park School	PK-8	D	461	27.5
Kemp School	PK-8	C	425	28.2
Louise Troy School	PK-8	D	366	29.2
Westwood School	PK-8	F	433	30.5
Wright Brothers School @ Grant	PK-8	C	427	33.7
Belmont High School	9-12	D	890	34.7
Dunbar High School	9-12	D	569	34.8
Patterson/Kennedy School	PK-8	F	614	35.8
Dayton Boys Preparatory Academy	PK-7	C	231	37.2
Meadowdale School	PK-8	D	417	38.1
Fairview School	PK-8	D	347	42.4
Meadowdale High School	9-12	D	585	44.3
Gardendale Academy	K-12	NA	60	86.7
Longfellow Alternative School	PK-12	NA	188	293.6

Building churn rate for physical charter schools

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

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

School (District location if other than DPS) *Dropout recovery school	Grade range	Rating	Econ. disadv. (%)	Oct. 2010 enroll.	Churn rate
Summit Academy-Xenia (Xenia)	K-10	D	60.5	62	4.8
Richard Allen Preparatory	K-12	NA	79.9	230	5.7
Dayton Early College Academy, Inc.	7-12	A+	78.4	415	5.8
Richard Allen Academy II	K-8	C	77.3	459	6.5
Richard Allen Academy	1-8	C	82.9	121	6.6
Springfield Preparatory and Fitness Academy (Springfield)	K-8	A	90.4	161	11.8
Springfield Academy Of Excellence (Springfield)	K-6	D	93.9	226	11.9
Pathway School of Discovery	K-8	B	77.5	761	12.7
North Dayton School Of Science & Discovery	K-8	C	96.6	568	13.0
Richard Allen Academy III (Hamilton)	K-8	C	92.1	180	13.9
Summit Academy Dayton	K-12	F	77.0	82	14.6
Trotwood Fitness & Prep. Academy (Trotwood-Madison)	K-8	C	93.7	341	14.7
Summit Academy Community School for Alternative Learners of Middletown (Middletown)	K-10	F	60.8	92	15.2
Klepinger Community School	K-8	C	50.8	324	15.7
Horizon Science Academy-Dayton	K-12	C	98.7	161	16.1
Dayton Leadership Academies-Dayton Liberty Campus	K-8	C	100.0	495	17.4
Horizon Science Academy Dayton High School	K-12	C	63.5	261	20.7
Horizon Science Academy Dayton Downtown	K-12	D	96.5	130	20.8
Middletown Fitness & Prep Acad (Middletown)	K-8	C	78.3	287	20.9
Emerson Academy	K-8	B	96.0	662	23.4
A.B. Graham Academy (Graham)	K-12	B	13.5	160	23.8
Dayton Leadership Academies-Dayton View Campus	K-8	C	99.9	506	24.1
City Day Community School	K-8	C	98.5	171	26.3
Summit Academy Transition High School Dayton	9-12	C	50.4	48	27.1
Miami Valley Academies (West Carrollton)	K-12	D	87.8	177	41.2
Dayton Technology Design High School*	9-12	F	87.3	134	54.5
New Choices Community School	7-12	C	54.9	134	55.2
General Chappie James Leadership Academy (Jefferson)	9-12	C	60.7	124	63.7
Tech Con Institute (Trotwood-Madison)*	K-12	F	94.4	69	66.7
Mound Street Military Careers Academy*	9-12	C	87.6	79	124.1
Mound Street IT Careers Academy*	9-12	C	84.0	94	134.0
Miamisburg Secondary Academy (Miamisburg)*	7-12	C	-	74	150.0
The ISUS Institute of Construction Technology*	9-12	A	88.8	62	164.5
Mound Street Health Careers Academy*	9-12	C	83.9	143	165.7
Life Skills Center-Springfield (Springfield)*	9-12	F	82.5	152	168.4
Life Skills Center-Middletown (Middletown)*	9-12	C	79.2	236	175.4
The ISUS Institute of Health Care*	9-12	A	93.3	73	197.3
Life Skills Center of Dayton*	9-12	F	89.6	276	227.2

Source: CRP analysis of ODE enrollment records

Note: Table 11 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 Dayton 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 Dayton Public Schools and other districts

Over two school years, the 61 public districts within the Dayton Area exchanged 14,559 students. The largest numbers of exchanges were between districts in close proximity to each other, but DPS also exchanged students with other Major Urban districts in Ohio (Table 13; Maps 7 and 8). Trotwood Madison was the only district to exchange more than 500 students with DPS over a two year period. Ten Ohio districts exchanged at least 100 students with DPS, including Columbus (111).

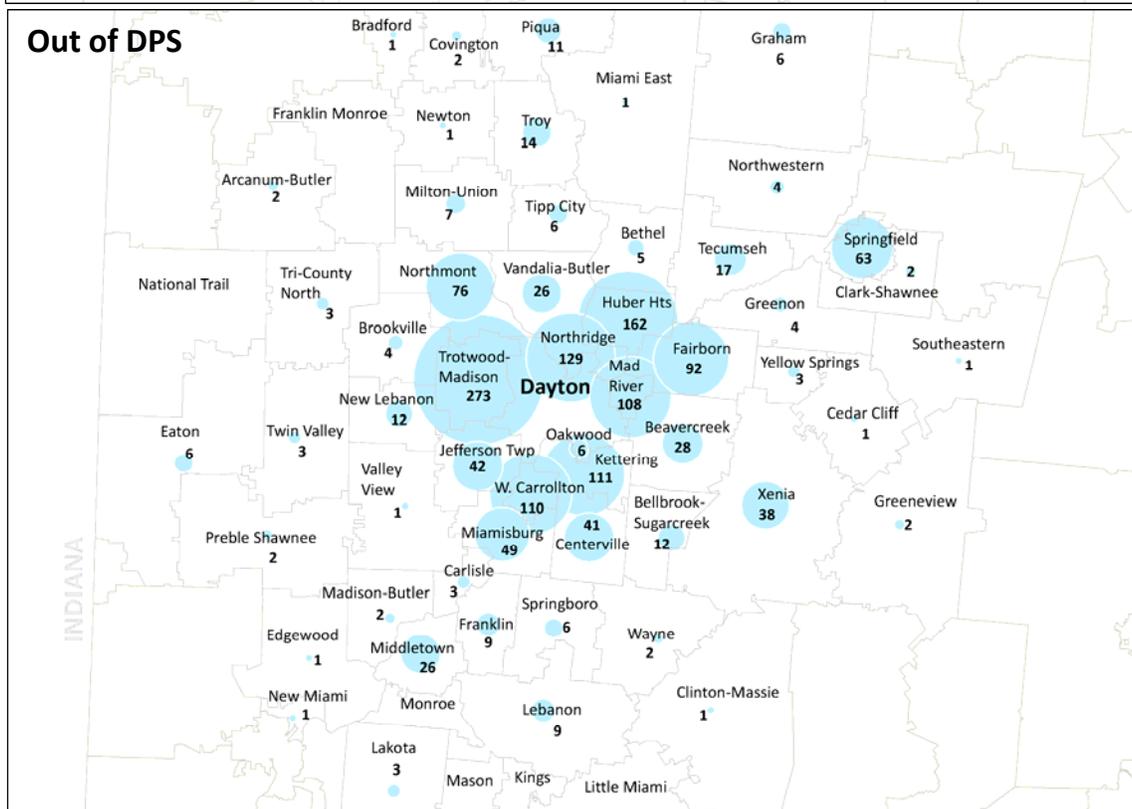
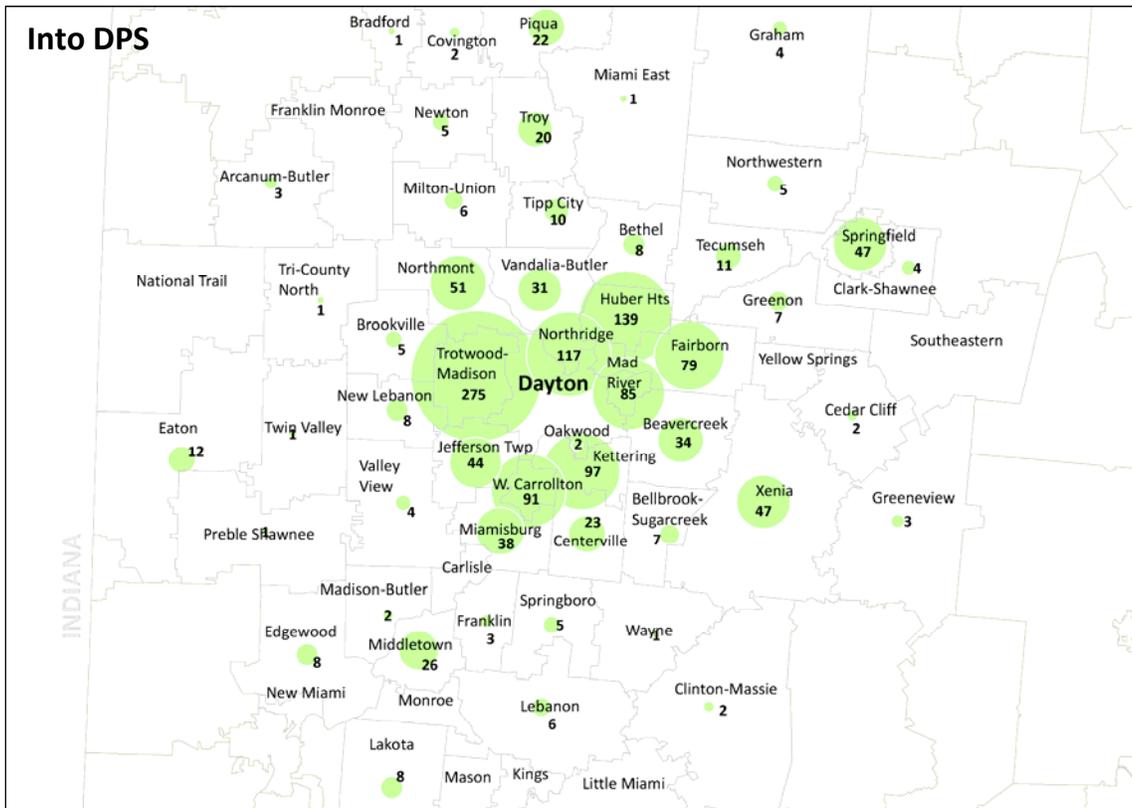
Table 13. Top 30 districts that exchanged students with DPS, October 2009–May 2011

District	Location	District rating	Econ. Disadv. (%)	Total students exchanged	Grades K–7		Grades 8–11	
					To DPS	From DPS	To DPS	From DPS
Trotwood-Madison	Ring 1	C	81.9	548	204	193	71	80
Huber Hts.	Ring 1	B	39.5	301	109	121	30	41
Northridge	Ring 1	A	77.9	246	89	92	28	37
Kettering	Ring 1	A	38.6	208	85	88	12	23
West Carrollton	Ring 1	A	54.5	201	69	79	22	31
Mad River	Ring 1	B	51.9	193	75	85	10	23
Fairborn	Ring 1	B	51.1	171	57	75	22	17
Northmont	Ring 1	A+	29.0	127	35	53	16	23
Columbus	Other Ohio	C	81.9	111	51	33	14	13
Springfield	Ring 2	B	76.3	110	34	39	13	24
Miamisburg	Ring 1	A	36.0	87	29	41	9	8
Jefferson Township	Ring 1	D	5.3	86	30	32	14	10
Xenia Community	Ring 2	B	54.3	85	35	28	12	10
Cincinnati	Other Ohio	B	69.7	67	22	23	13	9
Centerville	Ring 1	A+	13.7	64	17	31	6	10
Beavercreek	Ring 1	A+	13.2	62	31	17	3	11
Vandalia-Butler	Ring 1	A	28.8	57	18	24	13	2
Middletown	Ring 2	C	71.5	52	22	18	4	8
Troy	Ring 2	A+	40.4	34	15	12	5	2
Piqua	Ring 2	B	53.2	33	16	8	6	3
Tecumseh	Ring 2	B	48.4	28	10	13	1	4
Cleveland	Other Ohio	D	95.5	24	8	12	2	2
Toledo	Other Ohio	C	76.6	22	6	13	3	0
Sidney	Other Ohio	C	54.2	21	7	4	6	4
New Lebanon	Ring 1	B	48.8	20	7	12	1	0
Bellbrook-Sugarcreek	Ring 2	A	15.3	19	4	7	3	5
Wilmington	Other Ohio	A	51.5	19	1	17	1	0
Eaton Community	Ring 2	A	27.9	18	11	6	1	0
Hamilton (Butler County)	Other Ohio	C	69.2	17	7	2	3	5
Tipp City	Ring 2	A	18.3	16	9	4	1	2
Total top 30 districts				3,047	1,113	1,182	345	407

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 DPS to Trotwood Madison to Huber Heights schools would be included in two pairs: DPS/Trotwood-Madison and DPS/Huber Heights. Totals include only those students for whom grade level is available for school year 2009–10.

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



Source: CRP analysis of ODE enrollment records

District mobility patterns among Dayton Area districts

Over two years, there were 6,024 student exchanges among the 25 largest Dayton Area districts (excluding DPS) (Table 14). The Kettering, Huber Heights, Middletown, and Franklin districts had the most inter-district exchanges. Districts that exchanged more than 150 students were Middletown and Edgewood, Miamisburg and West Carrollton, Kettering and Centerville, Little Miami and Lebanon, and Piqua and Troy.

Table 14. Dayton Area largest 25 districts (excluding DPS): Students exchanged between pairs of districts, October 2009–May 2011

ORIGIN DISTRICT	DESTINATION DISTRICT																								
	Beavercreek	Centerville	Edgewood	Fairborn	Franklin City	Huber Hts.	Kettering	Kings	Lakota-Butler	Lebanon	Little Miami	Mad River	Mason	Miamisburg	Middletown	Northmont	Piqua	Springboro	Springfield	Tecumseh	Trotwood-Madison	Troy	Vandalia-Butler	West Carrollton	Xenia
Beavercreek		23	-	34	1	28	36	-	9	4	-	21	1	10	7	6	-	14	8	7	2	5	9	7	42
Centerville	9		-	7	-	9	77	2	3	6	-	7	5	24	-	2	2	18	2	-	4	2	7	23	12
Edgewood	-	3		-	10	-	1	-	20	5	4	-	-	4	92	-	-	3	-	-	-	-	-	3	2
Fairborn	30	13	-		3	58	34	-	4	3	1	42	2	12	2	6	3	1	28	34	4	3	13	10	69
Franklin City	1	2	17	-		4	10	3	2	34	5	2	1	26	69	-	2	11	1	-	-	1	5	6	7
Huber Hts.	22	18	2	46	3		40	-	4	1	-	51	-	15	3	38	6	6	18	35	30	14	36	14	15
Kettering	26	83	6	26	4	29		1	3	3	-	33	-	42	9	13	2	12	6	15	9	10	17	55	15
Kings	-	2	2	-	2	-	2		11	55	33	-	25	-	15	-	-	4	3	-	-	-	-	4	-
Lakota-Butler	5	4	38	1	2	-	-	21		28	11	-	72	7	43	2	-	6	-	1	2	-	-	4	2
Lebanon	4	7	5	-	56	1	4	58	23		51	1	53	7	52	2	-	24	-	1	2	-	-	7	4
Little Miami	-	-	2	-	5	-	2	63	15	101		-	23	1	5	3	-	9	-	-	-	-	-	-	-
Mad River	30	4	-	56	-	73	30	-	2	1	1		1	13	1	7	-	2	10	13	4	3	12	14	13
Mason	3	5	1	1	2	1	2	15	41	25	12	-		-	6	-	-	4	-	-	-	-	-	2	-
Miamisburg	11	38	6	12	38	16	49	1	4	5	3	9	4		20	13	6	31	7	2	11	6	1	90	13
Middletown	5	7	89	6	71	6	9	14	53	52	14	7	7	24		1	2	9	-	2	6	5	1	10	3
Northmont	5	7	-	6	5	31	23	-	5	-	1	8	-	16	4		-	1	3	4	16	10	34	8	1
Piqua	1	3	1	2	1	7	4	-	-	-	3	6	-	1	1	6		-	4	2	4	77	-	2	1
Springboro	2	22	-	2	17	7	30	5	3	27	1	3	1	17	13	1	2		-	2	-	-	-	6	-
Springfield	14	1	-	24	-	25	4	-	-	4	1	5	-	3	2	3	3	3		43	7	4	4	-	17
Tecumseh	8	2	-	27	-	33	21	-	-	1	-	10	-	8	4	4	1	1	50		-	10	5	3	11
Trotwood-Madison	3	5	-	8	-	28	14	-	1	-	2	11	-	14	5	39	1	3	7	1		8	7	21	10
Troy	2	3	-	5	-	14	17	-	1	2	-	12	-	3	7	7	74	-	7	10	2		13	2	1
Vandalia-Butler	3	4	-	5	1	34	6	1	-	-	-	3	-	9	2	29	1	1	3	11	7	13		7	5
West Carrollton	6	23	2	19	6	12	52	-	5	3	-	11	2	80	15	12	1	7	2	4	21	5	11		7
Xenia	35	7	-	88	3	10	12	-	-	4	2	11	1	10	5	3	1	4	29	7	10	1	6	10	

Source: CRP analysis of ODE enrollment records

District mobility patterns between Dayton Public Schools and charter schools

Over two years, the 30 largest charter schools exchanged a total of 2,643 students with DPS schools (Table 15). Six charter schools exchanged at least 150 students with DPS, led by eCOT (288) and Dayton Leadership Academies-Dayton View (203). For grades K-7, more students came to DPS from charter schools (794) than went to charter schools from DPS (639). For grades 8-11, approximately two students went to a charter school from DPS (794) for every one student that came to DPS (416) from a charter school.

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

Charter school <i>E-charter in italics</i> *Dropout recovery school	Rating	Econ. disadv. (%)	Total students exchanged	Grades K–7		Grades 8–11	
				To DPS	From DPS	To DPS	From DPS
<i>Electronic Classroom Of Tomorrow</i>	C	76.9	288	37	62	42	147
Dayton Leadership Academies-Dayton View	C	95.5	203	110	43	50	0
Life Skills Center of Dayton*	F	89.6	184	0	0	16	168
Emerson Academy	B	95.5	165	80	64	21	0
Dayton Leadership Academies-Dayton Liberty	C	95.5	157	98	27	32	0
North Dayton School Of Science & Discovery	C	95.5	151	66	56	29	0
Horizon Science Academy-Dayton	C	95.5	108	58	50	0	0
Mound Street Health Careers Academy*	C	83.9	98	0	0	8	90
Horizon Science Academy Dayton High School	C	63.5	97	17	8	42	30
<i>Ohio Virtual Academy</i>	B	55.3	96	26	37	15	18
Dayton Early College Academy, Inc.	A+	78.4	89	6	52	18	13
New Choices Community School	C	54.9	83	0	1	26	56
City Day Community School	C	95.5	76	40	23	12	1
Klepinger Community School	C	50.8	74	42	32	0	0
Dayton Technology Design High School*	F	87.3	72	0	0	8	64
Pathway School of Discovery	B	77.5	67	31	30	6	0
Mound Street IT Careers Academy*	C	84	65	0	0	10	55
Richard Allen Academy II	C	77.3	62	33	29	0	0
New City School	NA	-	62	48	6	8	0
Trotwood Fitness & Preparatory Academy	C	93.7	59	21	33	5	0
Academy Of Dayton	NA	-	49	45	0	3	1
Richard Allen Academy	C	82.9	48	4	11	29	4
Mound Street Military Careers Academy*	C	87.6	45	0	1	2	42
The ISUS Institute of Health Care*	A	93.3	40	0	0	5	35
General Chappie James Leadership Academy*	C	60.7	40	0	0	6	34
Horizon Science Academy Dayton Downtown	D	95.5	36	7	29	0	0
Miami Valley Academies	D	87.8	35	11	17	2	5
<i>Ohio Connections Academy, Inc.</i>	B	54.1	34	12	14	5	3
<i>Virtual Community School Of Ohio</i>	C	79.2	32	2	13	8	9
Tech Con Institute*	F	94.4	28	0	1	8	19
Total top 30 charter schools			2,643	794	639	416	794

Source: CRP analysis of ODE enrollment records

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

Dayton Public Schools mobility patterns summary: other districts and charters

Over two school years, 5,164 unique students transferred between DPS and another Ohio district or charter school (Table 16). Of these:

- 55% moved to or from another district
- 37% moved to or from a physical charter school
- 8% 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 (593), followed by 8th grade (473), 2nd grade (472), and 1st grade (453).

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

Grade	Another public district		Physical charter school		E-charter school	
	To DPS	From DPS	To DPS	From DPS	To DPS	From DPS
All grades	1,167	1,684	811	1,100	114	288
K	131	171	62	61	1	10
1	133	181	74	54	6	5
2	133	187	65	71	8	8
3	116	153	63	53	6	10
4	95	142	64	61	10	14
5	89	118	78	56	9	18
6	86	140	98	73	6	22
7	82	111	49	51	13	25
8	58	124	157	66	13	55
9	90	128	46	241	21	67
10	55	78	24	146	6	23
11	20	49	9	80	2	17
12	5	14	5	48	1	7
NA	74	88	17	39	12	7

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 Dayton Public Schools buildings and buildings in other districts

About half of DPS inter-district building moves occurred at the elementary school level and half at the high school level. DPS Belmont and Dunbar high schools exchanged a total of at least 40 students each with high schools in the Fairborn, Huber Heights, Kettering, Mad River, Northmont, Northridge, Springfield City, Trotwood-Madison, and West Carrollton districts. Edison PreK-8 School was the only DPS elementary school to exchange 40 or more students with elementary schools in other districts—those being the Northridge and Trotwood-Madison districts (Table 17).

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

DPS school building (X)	Rating Bldg. X	School building in another district (Y)	District of Building Y	Rating Bldg. Y	Students exchanged
Meadowdale High	D	Trotwood-Madison High	Trotwood-Madison	C	44
Dunbar High	D	Trotwood-Madison High	Trotwood-Madison	C	34
Belmont High	D	Trotwood-Madison High	Trotwood-Madison	C	31
Belmont High	D	Northridge High	Northridge	B	28
Belmont High	D	Wayne High	Huber Hts.	B	26
Meadowdale PreK-8	D	Westbrooke Village Elementary	Trotwood-Madison	C	23
Thurgood Marshall High	C	Trotwood-Madison High	Trotwood-Madison	C	22
Belmont High	D	Fairborn High	Fairborn	A	21
Belmont High	D	West Carrollton High	West Carrollton	A	17
Belmont High	D	Stebbins High	Mad River	B	16
Edison PreK-8	F	Madison Park Elementary	Trotwood-Madison	C	14
Edison PreK-8	F	Morrison Elementary	Northridge	C	14
Wright Brothers PreK-8	C	Fairborn Primary	Fairborn	A	14
Belle Haven PreK-8	D	Westbrooke Village Elementary	Trotwood-Madison	C	13
Edison PreK-8	F	Trotwood-Madison Middle	Trotwood-Madison	C	13
Belmont High	D	Kettering Fairmont High	Kettering	A	13
Belle Haven PreK-8	D	Trotwood-Madison Middle	Trotwood-Madison	C	12
Belmont High	D	Northmont High	Northmont	A	12
E. J. Brown PreK-8	F	Trotwood-Madison Middle	Trotwood-Madison	C	11
Wright Brothers PreK-8	C	Morrison Elementary	Northridge	C	11
Wogaman PreK-8	C	Westbrooke Village Elementary	Trotwood-Madison	C	11
David H. Ponzit Career Technology Center	C	Trotwood-Madison High	Trotwood-Madison	C	11
Belmont High	D	Springfield High	Springfield	C	10
Patterson/Kennedy PreK-8	F	Westbrooke Village Elementary	Trotwood-Madison	C	10
World of Wonder PreK-8	C	Westbrooke Village Elementary	Trotwood-Madison	C	10
Horace Mann PreK-8	C	C F Holliday Elementary	West Carrollton	C	10
Patterson/Kennedy PreK-8	F	Monticello Elementary	Huber Hts.	A	10
Westwood PreK-8	F	Morrison Elementary	Northridge	C	10
Meadowdale PreK-8	D	Morrison Elementary	Northridge	C	10
Patterson/Kennedy PreK-8	F	Grafton Kennedy Elementary	Northridge	C	10

Source: CRP analysis of ODE enrollment records

Exchanges between Dayton Public Schools buildings and charter schools

Over two years, the DPS buildings and the charter schools that exchanged the most students exchanged a total of 840 students (Table 18). Of the exchanges in Table 18, 46% involved exchanges between a DPS high school and a dropout recovery charter school, and 23% were exchanges with e-charter schools. Life Skills Center of Dayton exchanged 204 students with five DPS high schools.

Table 18. DPS and charter schools: 30 school pairs that exchanged the most students, October 2009–May 2011

DPS school building (X)	Rating Bldg. X	Charter school (Y) <i>E-charter in italics</i> *Dropout recovery	Rating Bldg. Y	Students exchanged
Belmont High School	D	<i>Electronic Classroom Of Tomorrow</i>	C	79
Belmont High School	D	Life Skills Center of Dayton*	F	71
Meadowdale High School	D	Life Skills Center of Dayton*	F	50
Belmont High School	D	New Choices Community School	C	47
Belmont High School	D	Mound Street Health Careers Academy*	C	37
Dunbar High School	D	Mound Street Health Careers Academy*	C	34
Dunbar High School	D	Life Skills Center of Dayton*	F	33
Belmont High School	D	Dayton Technology Design High School*	F	32
Dunbar High School	D	<i>Electronic Classroom Of Tomorrow</i>	C	31
Patterson/Kennedy PreK-8 School	F	Emerson Academy	B	27
Thurgood Marshall High School	C	Life Skills Center of Dayton*	F	26
Longfellow Alternative School	NA	Life Skills Center of Dayton*	F	24
Dunbar High School	D	Mound Street IT Careers Academy*	C	23
Longfellow Alternative School	NA	<i>Electronic Classroom Of Tomorrow</i>	C	23
Belmont High School	D	Horizon Science Academy Dayton High School	C	21
Edison PreK-8 School	F	Dayton Leadership Academies-Dayton View	C	21
David H. Ponzit Career Technology Center	C	Richard Allen Academy	C	21
Meadowdale PreK-8 School	D	North Dayton School Of Science & Discovery	C	21
Belmont High School	D	The ISUS Institute of Health Care*	A	20
Meadowdale High School	D	<i>Electronic Classroom Of Tomorrow</i>	C	20
E. J. Brown PreK-8 School	F	Dayton Leadership Academies-Dayton View	C	19
Kiser PreK-8 School	F	Pathway School of Discovery	B	19
Wright Brothers PreK-8 School @ Grant	C	<i>Electronic Classroom Of Tomorrow</i>	C	19
Wogaman PreK-8 School	C	Dayton Leadership Academies-Dayton Liberty	C	18
Belmont High School	D	Mound Street IT Careers Academy*	C	18
Belmont High School	D	<i>Ohio Virtual Academy</i>	B	18
Belle Haven PreK-8 School	D	North Dayton School Of Science & Discovery	C	17
Kiser PreK-8 School	F	Horizon Science Academy-Dayton	C	17
Dunbar High School	D	New Choices Community School	C	17
Meadowdale High School	D	Mound Street Health Careers Academy*	C	17
				840

Source: CRP analysis of ODE enrollment records

Exchanges between Dayton Public Schools buildings

Over the two school years, 1,513 DPS students made a non-promotional change of school within the DPS district. Of the exchanges in Table 19, Longfellow Alternative was the most frequent receiving school, followed by Meadowdale High and Thurgood Marshall High. The most frequent sending schools were Longfellow Alternative, Belmont High, and Dunbar High.

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

DPS building (X)	Rating of Building X	DPS building (Y)	Rating of Building Y	Students exchanged
Belmont High	D	Longfellow Alternative	NA	107
Longfellow Alternative	NA	Meadowdale High	D	69
Longfellow Alternative	NA	Thurgood Marshall High	C	62
Dunbar High	D	Longfellow Alternative	NA	61
Belmont High	D	Meadowdale High	D	45
Longfellow Alternative	NA	Patterson/Kennedy PreK-8	F	45
Belmont High	D	Dunbar High	D	41
Longfellow Alternative	NA	Westwood PreK-8	F	40
E. J. Brown PreK-8	F	Longfellow Alternative	NA	37
Longfellow Alternative	NA	Louise Troy PreK-8	D	37
Belmont High	D	David H. Ponitz Career Tech. Center	C	34
Longfellow Alternative	NA	Rosa Parks PreK-8	D	30
Longfellow Alternative	NA	Wogaman PreK-8	C	29
Longfellow Alternative	NA	World of Wonder PreK-8	C	29
Belmont High	D	Thurgood Marshall High	C	27
Belle Haven PreK-8	D	Longfellow Alternative	NA	26
Kiser PreK-8	F	Longfellow Alternative	NA	26
Cleveland PreK-8	D	Longfellow Alternative	NA	25
Patterson/Kennedy PreK-8	F	Ruskin PreK-8	D	25
Dunbar High	D	Meadowdale High	D	24
Longfellow Alternative	NA	Meadowdale PreK-8	D	24
Longfellow Alternative	NA	Wright Brothers PreK-8	C	24
Kemp PreK-8	C	Longfellow Alternative	NA	20
Dunbar High	D	Thurgood Marshall High	C	19
Edison PreK-8	F	Longfellow Alternative	NA	19
Meadowdale High	D	Thurgood Marshall High	C	19
Cleveland PreK-8	D	Patterson/Kennedy PreK-8	F	18
E. J. Brown PreK-8	F	Fairview PreK-8	D	18
E. J. Brown PreK-8	F	Westwood PreK-8	F	18
Edison PreK-8	F	Rosa Parks PreK-8	D	18

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 DPS 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 ratings lower than the origin schools. These tables exclude school changes involving a building with no rating available.

Exiting Dayton Public Schools for another district

Of the 1,587 students over two years who exited DPS for another district, 63.9% moved to a school with a performance rating at least two ratings *higher* than their DPS school of origin, while fewer than 1.5% moved to a school with a rating two or more ratings *lower* than their school of origin.

Table 20. Rating of origin and destination building for students exiting DPS for another district, Oct. 2009–May 2011

Rating of ORIGIN DPS school	Rating of DESTINATION school in other Ohio district					
	A+	A	B	C	D	F
Excellent with Distinction (A+)	0	0	0	0	0	0
Excellent (A)	7	9	10	13	2	0
Effective (B)	1	18	7	2	2	0
Continuous Improvement (C)	18	171	104	126	24	7
Academic Watch (D)	46	264	186	181	24	6
Academic Emergency (F)	20	127	79	102	27	4

Source: CRP analysis of ODE enrollment records

Entering Dayton Public Schools from another district

Of the 1,062 students over two years who entered DPS from another district, fewer than 1% moved to a DPS school with a performance rating at least two ratings *higher* than their school of origin, while 59.6% moved to a DPS 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 DPS from another district, Oct. 2009–May 2011

Rating of ORIGIN school in other Ohio district	Rating of DESTINATION DPS school					
	A+	A	B	C	D	F
Excellent with Distinction (A+)	0	2	1	24	30	17
Excellent (A)	0	3	10	89	205	43
Effective (B)	0	3	5	73	114	40
Continuous Improvement (C)	0	4	4	77	154	70
Academic Watch (D)	0	1	1	14	47	16
Academic Emergency (F)	0	0	1	1	10	3

Source: CRP analysis of ODE enrollment records

Exiting Dayton Public Schools for a charter school

Of the 1,338 students over two years who left DPS for a charter school, 25.3% moved to a charter school with a performance rating at least two ratings *higher* than their DPS school of origin, while 5.2% 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* DPS for a public charter school (including e-charters), October 2009–May 2011

Rating of ORIGIN DPS school	Rating of DESTINATION charter school					
	A+	A	B	C	D	F
Excellent with Distinction (A+)	0	0	0	0	0	0
Excellent (A)	7	0	10	18	0	1
Effective (B)	0	0	6	13	0	7
Continuous Improvement (C)	20	6	34	151	15	44
Academic Watch (D)	21	47	66	440	43	186
Academic Emergency (F)	18	1	45	115	21	3

Entering Dayton Public Schools from a charter school

Of the 818 students over two years who entered DPS from a charter school, 2.2% moved to a DPS school with a performance rating at least two ratings *higher* than their school of origin, while 26.5% moved to a DPS 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* DPS from a public charter school (including e-charters), October 2009–May 2011

Rating of ORIGIN charter school	Rating of DESTINATION DPS school					
	A+	A	B	C	D	F
Excellent with Distinction (A+)	0	0	0	10	7	2
Excellent (A)	0	1	0	0	5	0
Effective (B)	0	0	10	38	67	20
Continuous Improvement (C)	0	11	10	214	268	106
Academic Watch (D)	0	1	1	5	10	7
Academic Emergency (F)	0	0	0	5	18	2

Moving between Dayton Public Schools buildings

Of the 1,058 students over two years who moved from one DPS building to another, 14.2% moved to a building with a performance rating at least two ratings *higher* than their DPS school of origin, while 7.4% 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 DPS district, October 2009–May 2011

Rating of ORIGIN DPS school	Rating of DESTINATION DPS school					
	A+	A	B	C	D	F
Excellent with Distinction (A+)	0	0	0	0	0	0
Excellent (A)	0	0	13	11	7	3
Effective (B)	0	0	0	7	4	0
Continuous Improvement (C)	0	12	30	50	122	53
Academic Watch (D)	0	8	38	160	178	107
Academic Emergency (F)	0	3	9	80	94	69

Summary of destination performance ratings

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

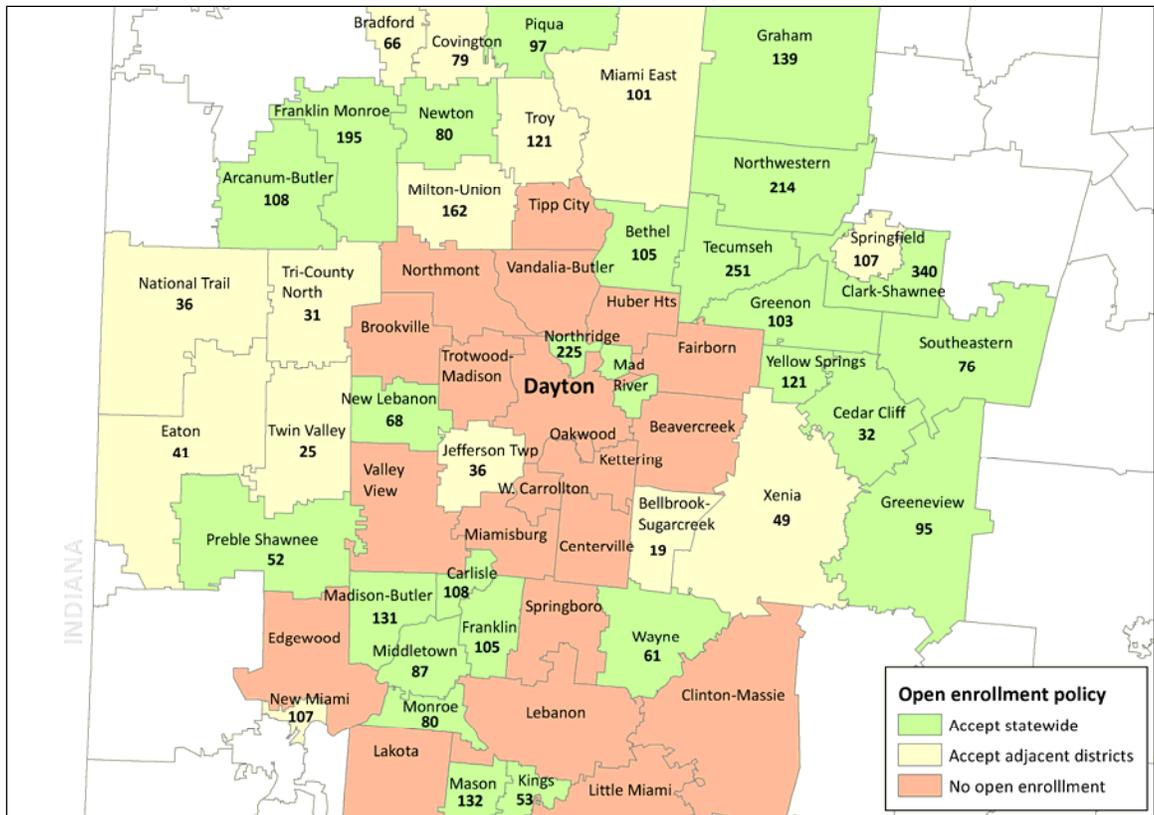
Type of move	Number of student movers	Rating of destination school compared to school of origin (%)		
		At least 2 ratings lower	Same rating or within 1 rating higher or lower	At least 2 ratings higher
Exiting DPS for another district	1,587	1.5	34.6	63.9
Entering DPS from another district	1,062	59.6	39.6	0.8
Exiting DPS for a charter school	1,338	5.2	69.4	25.3
Entering DPS from a charter school	818	26.5	71.3	2.2
Changing schools within DPS	1,058	7.4	78.4	14.2

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, DPS was primarily surrounded by districts that did not accept open enrollment students from other districts. However, many districts in the Dayton Area—particularly those in Ring 2—do permit open enrollment (Map 9). Thirteen 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 Springfield residence to Clark-Shawnee enrollment (273), Dayton to Northridge (173), Springfield to Northwestern (101), and Middletown to Madison (86).

Map 9. Open enrollment patterns of Dayton 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 DPS 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 DPS 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 DPS 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 DPS students differ based on their destination school?

- The demographic characteristics of DPS 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, home school, dropout, early graduation, medical, death, and unknown, which is 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 DPS 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 provides a one-year snapshot of the characteristics of DPS student based on their mobility status. Statistical tests found the following significant differences between these groups:

- **Movers between Dayton Public Schools buildings.** Compared to stable DPS students, those who move between DPS buildings are more likely to be economically disadvantaged, homeless, or have a disability.
- **Outgoing and incoming students.** Compared to DPS students leaving the district, incoming students are more likely to be black, an immigrant, or LEP.

Stable DPS students were fairly evenly distributed across grade levels (8-9% in each grade. The following is the grade distribution of mover groups:

- **Movers between Dayton Public Schools buildings.** Forty-two percent of students who moved between DPS buildings were in grades K-3 and 16% were in grade 6.
- **Outgoing students.** Fourteen percent of students who left the district were in grade 9.
- **Incoming students.** Sixteen percent of all incoming students were in grade 8.

5.3 Student characteristics and destination of outgoing students

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

Statistical tests found the following significant differences between groups of students leaving the DPS 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 or to a district outside of Ohio; white students are more likely to move to an e-charter or to a district outside of Ohio; and Hispanic students are more likely to move to a district outside of Ohio.
- **Immigrant and LEP.** Immigrant and LEP students are more likely than those who are not and immigrant or LEP to move to a district outside of Ohio.

Stable DPS students were fairly evenly distributed across grade levels (7-9% in each grade), although 11% of stable students were in grade 9. The following is the grade distribution of mover groups based on their destination school:

- **Other Ohio district.** Thirty-five percent of DPS students who moved to another Ohio district were in grades K-2.
- **Physical charter.** Twenty-eight percent of DPS students who moved to a physical charter were in grades 6 or 9.
- **E-students.** Sixty-eight percent of DPS students who moved to an e-charter were in grades 6-9, with 23% in grade 9.
- **District outside of Ohio.** Twenty-four percent of DPS students who moved to a district outside of Ohio were in grades K or 1, and 10% were in grade 9.

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

	Characteristics of non-mobile and mobile DPS students				Characteristics of outgoing DPS 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 DPS buildings (2)							
All	9,751	897	2,117	2,364	819	566	87	179	713
	%	%	%	%	%	%	%	%	%
Race									
Black	68.2	70.5	64.0	59.3	49.8	75.6	39.1	51.4	61.7
White	24.0	22.0	24.2	28.6	34.4	15.5	49.4	31.8	28.9
Hispanic	3.2	2.1	2.6	4.2	3.9	2.1	2.3	14.0	3.9
Asian	0.4	0.2	0.7	1.0	1.7	0.5	2.3	0.0	0.7
Other	4.2	5.2	8.5	6.9	10.1	6.2	6.9	2.8	4.8
Grade SY 2009-2010									
K	8.5	10.8	9.6	8.8	10.9	8.0	2.3	10.6	7.4
1	8.8	10.0	8.5	8.1	11.0	6.2	0.0	13.4	5.9
2	8.3	9.9	8.7	9.1	12.6	9.0	4.6	6.1	6.3
3	8.7	10.8	8.2	7.3	9.8	6.4	4.6	8.4	5.2
4	8.7	8.8	8.7	7.6	9.3	6.7	3.4	8.4	6.7
5	8.0	8.0	8.5	6.7	7.4	7.1	5.7	7.8	5.3
6	7.7	15.7	9.3	8.7	8.7	11.5	12.6	8.4	6.0
7	8.4	9.7	7.6	6.3	5.6	7.1	12.6	7.8	5.3
8	8.5	0.7	16.3	9.1	8.5	7.6	19.5	8.4	9.7
9	9.5	8.7	7.2	14.1	8.3	16.1	23.0	10.1	19.1
10	8.1	4.8	4.9	8.6	5.1	9.5	5.7	7.3	12.6
11	6.8	2.0	2.6	5.8	2.8	4.9	5.7	3.4	10.4
Economic Disadvantage									
No	5.1	1.0	4.9	4.1	1.7	1.1	6.9	9.5	7.7
Yes	94.9	99.0	95.1	95.9	98.3	98.9	93.1	90.5	92.3
Homeless									
No	96.1	94.3	90.8	91.9	88.0	94.3	100.0	92.2	93.3
Yes	3.9	5.7	9.2	8.1	12.0	5.7	0.0	7.8	6.7
Immigrant									
No	98.9	99.6	96.9	98.7	98.4	99.1	100.0	96.1	99.3
Yes	1.1	0.4	3.1	1.3	1.6	0.9	0.0	3.9	0.7
LEP									
No	97.0	98.4	94.5	96.7	96.2	98.1	100.0	89.9	97.3
Yes	3.0	1.6	5.5	3.3	3.8	1.9	0.0	10.1	2.7
Disability									
No	78.9	75.1	80.3	79.8	79.0	83.0	78.2	87.2	76.6
Yes	21.1	24.9	19.7	20.2	21.0	17.0	21.8	12.8	23.4

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 2,053 third- and eighth-grade DPS students who took the 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 groups were those who made one summer-only group or one move during the school year.

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

Mobility type and amount	3rd grade		8th grade	
	#	%	#	%
Test-takers	1,065	100.0%	988	100.0%
Total school changes over two school years				
0 moves	697	65.4%	705	71.4%
1 summer-only move	127	11.9%	90	9.1%
1 during school year move	134	12.6%	107	10.8%
2 moves	82	7.7%	57	5.8%
3+ moves	25	2.3%	29	2.9%

Source: CRP analysis of ODE enrollment records

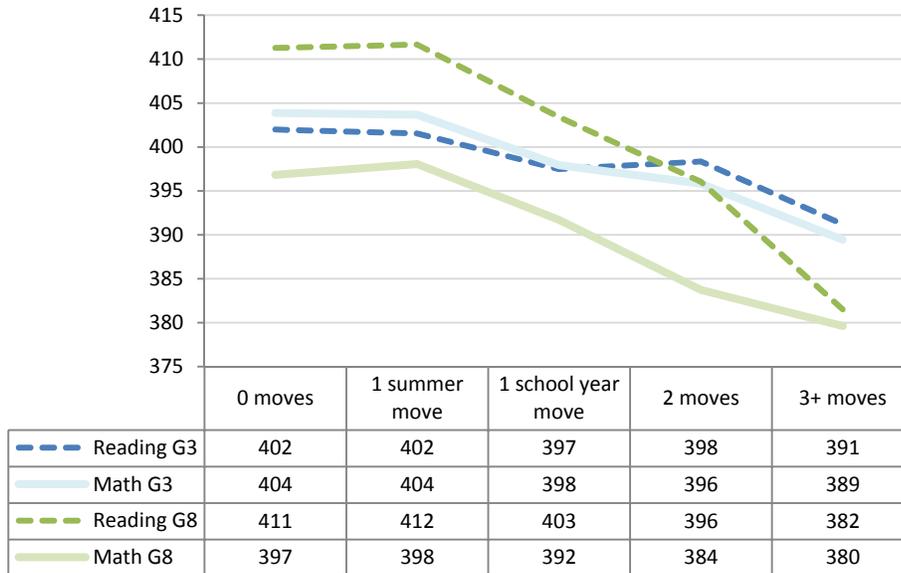
Mobility history and economic disadvantage

The economic disadvantage rate for DPS was 92.5% in school year 2010-2011. As a result, there were not enough students in the “non-economic disadvantage” group to draw conclusions about the level of economic disadvantage by mover group.

Mobility history and test scores

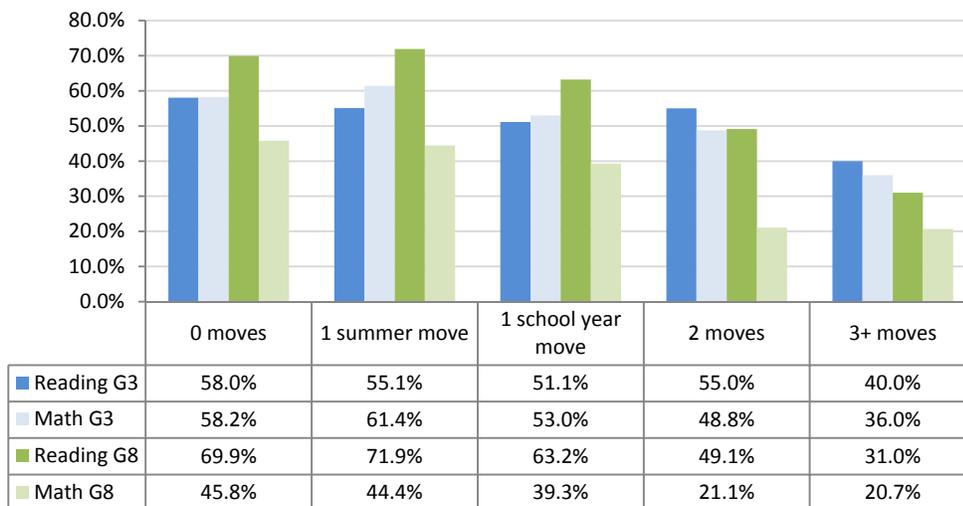
For all groups other than summer-only movers there is a general downward trend in average test scores and passage rates for 3rd and 8th grade OAA tests—with the exception of 3rd grade reading—with each successive school change that a DPS student made. (Figures 1 and 2). All mover groups who moved at least once during the school year had lower average test scores and passage rates than students who did not change schools over the previous two years. However, the scores were the same or slightly higher for the group with only one summer move than for the 0-mover group.

Figure 1. DPS: Average scores on spring 2011 Ohio Achievement Tests by two-year mobility history



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

Figure 2. DPS: Passage rates on spring 2011 Ohio Achievement Assessments by two-year mobility history



Source: CRP analysis of ODE enrollment records

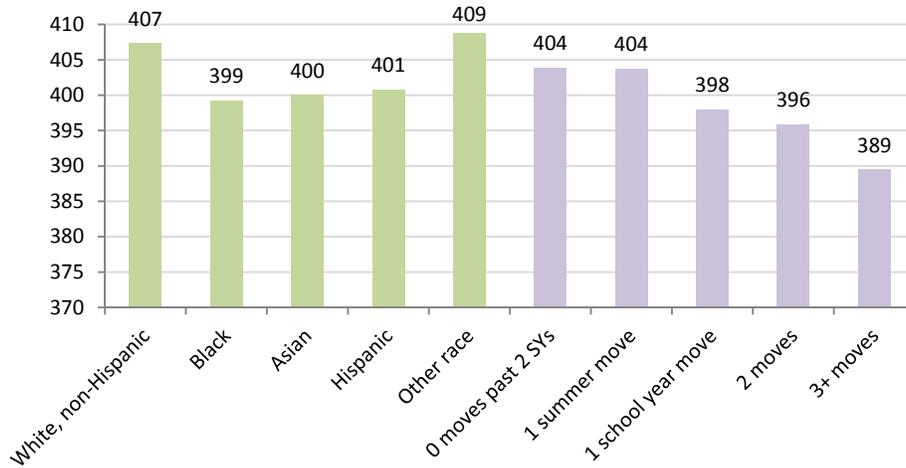
Summary: relationship of mobility, student characteristics, and test scores

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 DPS student groups:

- Non-Hispanic white
- Had no school moves or only one summer move over the past two years

Figure 3. DPS: 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 DPS student 8th grade test-takers 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.

For the 3rd grade groups, the number of school changes over the previous two years is an independent predictor of 3rd grade math scores, but this relationship was not found for 3rd grade reading scores. Race or ethnicity was also found to be an independent predictor of test scores, but not as strong as for the 8th grade test. Economic disadvantage was found to be a predictor of 8th grade test scores, but there were not enough students in the “non-economic disadvantage” group to test for this relationship for 3rd grade students.

Table 28. DPS: 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	NA	NA	<.0001	<.0001
Race or ethnicity category	0.0084	0.0006	<.0001	<.0001
Total number of school changes over past 2 school years	0.0966	0.0075	<.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 29). The following were found to be significant differences in mover groups:

- **Grade 3 math and reading test scores.** No difference was found between any of the mover groups in math or reading test scores.
- **Grade 8 math test scores.** The two-move and three or more move groups have lower mean test scores than those of the 0-mover group or the one summer move group.
- **Grade 8 reading test scores.** The one school year, two-move, and three or more move groups all have lower mean test scores than those of the 0-mover group. The two-move and three or more move groups also have lower mean test scores than those of the one summer move group.

Table 29. Significant differences in mean test scores of DPS students by number of moves over two school years preceding spring 2011 achievement test

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	no	no			
2 moves	no	no	no		
3 or more moves	no	no	no	no	
Grade 3 Reading					
0 moves					
1 move, summer	no				
1 move, school year	no	no			
2 moves	no	no	no		
3 or more moves	no	no	no	no	
Grade 8 Math					
0 moves					
1 move, summer	no				
1 move, school year	no	no			
2 moves	yes (1)	yes	no		
3 or more moves	yes	yes	no	no	
Grade 8 Reading					
0 moves					
1 move, summer	no				
1 move, school year	yes	no			
2 moves	yes	yes	no		
3 or more moves	yes	yes	no	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 differences 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 Dayton Area Ring 1 districts, Jefferson Township has the highest percentage of students whose achievement test scores are rolled up to the state (Table 30).
- The DPS figure (10.1%) is the 9th highest among the Major Urban districts, with Cleveland (14.2%) and East Cleveland (10.2%) having the highest percentages of state-only accountability among test takers. Akron (4.3%) and Warren (5.3%) had the lowest roll-up percentages.

Table 30. Dayton 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
Jefferson Township	D	5.3	165	82.4	0.0	17.6
Trotwood-Madison	C	81.9	1,249	87.2	0.4	12.4
Northridge	A	77.9	761	90.9	1.2	7.9
Dayton	C	92.5	6,522	88.5	3.7	7.9
Fairborn	B	51.1	1,943	92.6	0.0	7.4
Mad River	B	51.9	1,559	92.9	0.4	6.7
West Carrollton	A	54.5	1,662	92.9	1.0	6.1
Huber Hts	B	39.5	2,852	93.4	1.0	5.5
Vandalia-Butler	A	28.8	1,552	94.7	0.5	4.8
New Lebanon	B	48.8	505	95.8	0.0	4.2
Miamisburg	A	36.0	2,591	95.3	0.9	3.9
Brookville	A	25.2	714	96.4	0.0	3.6
Valley View	A+	17.2	883	96.5	0.0	3.5
Kettering	A	38.6	3,338	96.0	0.7	3.3
Beavercreek	A+	13.2	3,654	96.6	0.2	3.3
Centerville	A+	13.7	3,777	97.0	0.5	2.5
Northmont	A+	29.0	2,580	97.2	0.6	2.1
Oakwood	A+	4.3	1,051	98.9	0.1	1.0

Source: CRP analysis of ODE enrollment records

Appendices

Appendix A. Dayton Area public school districts

Appendix B. Dayton Area public school buildings

Appendix C. Dayton Area public charter schools

The appendix provides basic mobility measures and demographics for all districts and schools in the Cincinnati 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. Dayton Area public school districts, school year 2010–2011 (unless noted)

Dayton 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 physical charter school	In public e-charter school	OUT: Residing in district but enrolling in other district	IN: Attending district through open enrollment
			#	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1	Beavercreek	A+	7,571	15.8	13.2	15.9	2.4	91.4	87.5	88.2	85.4	88.0	7.8	5.4	3.3	0.5	1.4	0.4	0.0
1	Brookville	A	1,465	-7.0	25.2	<5.0	0.0	90.9	91.2	79.8	91.7	74.7	8.5	9.6	3.6	0.2	1.8	0.6	0.0
1	Centerville	A+	8,035	10.1	13.7	18.9	1.7	91.5	89.2	93.4	86.7	93.6	6.6	4.6	2.5	0.3	0.9	0.2	0.0
1	Dayton	C	14,174	-31.1	92.5	74.8	3.2	55.2	78.5	71.5	68.8	64.8	18.2	19.4	7.9	28.6	4.2	1.1	0.0
1	Fairborn	B	4,264	-21.9	51.1	21.8	1.1	81.9	79.1	75.8	77.5	69.9	17.4	17.0	7.4	2.9	6.0	0.0	0.0
1	Huber Hts.	B	6,178	-8.0	39.5	34.7	3.1	84.5	82.2	79.4	76.9	75.7	12.7	12.2	5.5	4.8	3.1	1.7	0.0
1	Jefferson Township	D	419	-39.2	5.3	85.8	0.0	55.0	62.6	68.9	65.9	68.9	33.3	18.7	17.6	24.6	7.8	3.6	7.9
1	Kettering	A	7,123	-5.9	38.6	12.2	1.6	87.1	86.8	86.9	83.7	85.5	9.3	10.3	3.3	0.5	1.7	0.1	0.0
1	Mad River	B	3,461	-9.8	51.9	21.7	0.8	77.0	73.4	78.4	70.0	78.5	19.0	15.8	6.7	2.9	3.3	0.0	0.0
1	Miamisburg	A	5,338	10.4	36.0	15.1	1.0	85.8	83.4	78.0	71.5	76.1	12.4	12.4	3.9	2.6	2.2	0.4	0.0
1	New Lebanon	B	1,160	-15.0	48.8	<5.0	0.0	88.5	86.0	77.1	85.5	70.2	12.9	11.3	4.2	0.6	3.8	0.7	5.8
1	Northmont	A+	5,377	-3.7	29.0	26.1	1.4	89.8	89.4	84.2	83.1	80.5	6.3	7.7	2.1	0.7	1.9	1.7	0.0
1	Northridge	A	1,627	-18.9	77.9	25.9	0.0	73.0	72.4	68.2	71.0	65.1	17.4	26.8	7.9	5.0	2.2	0.2	12.0
1	Oakwood	A+	2,075	8.5	<5.0	7.2	0.0	98.8	93.0	91.7	91.9	91.6	2.5	4.0	1.0	0.1	0.5	0.0	0.0
1	Trotwood-Madison	C	2,657	-26.9	81.9	92.1	0.0	67.4	70.9	69.4	68.0	64.4	20.8	22.0	12.4	17.9	3.1	1.5	0.0
1	Valley View	A+	1,873	-2.9	17.2	<5.0	0.0	83.9	89.0	82.8	87.9	81.3	7.4	7.8	3.5	0.2	2.4	0.5	0.0
1	Vandalia-Butler	A	3,206	-4.4	28.8	13.4	0.7	88.9	87.9	86.2	85.8	84.6	10.2	8.9	4.8	0.9	2.2	0.9	0.0
1	West Carrollton	A	3,726	-1.5	54.5	23.7	4.9	80.9	77.8	77.0	77.2	76.0	17.3	17.4	6.1	2.7	3.2	0.2	0.0
2	Arcanum-Butler	A	1,025	-13.2	20.3	<5.0	0.0	84.9	89.2	78.2	89.4	76.1	4.5	9.1	3.1	0.0	1.9	10.0	10.9
2	Bellbrook-Sugarcreek	A	2,602	4.9	15.3	12.9	1.3	96.1	91.4	90.2	91.7	89.5	4.8	4.3	1.7	0.1	1.6	0.1	0.7
2	Bethel	A	894	3.5	12.6	<5.0	2.1	91.1	88.7	81.8	87.4	80.8	10.6	9.9	4.6	0.3	3.4	4.0	11.2
2	Bradford	B	609	3.4	50.5	<5.0	0.0	78.0	89.5	69.4	89.7	69.4	11.5	15.5	7.2	0.0	1.8	6.6	10.9
2	Carlisle	A	1,702	0.7	33.5	<5.0	0.0	87.7	86.0	78.5	84.4	73.6	9.1	9.3	3.7	0.9	2.7	1.7	6.1
2	Cedar Cliff	A	592	-4.8	12.8	9.3	0.0	88.9	88.2	79.9	64.2	79.9	9.1	9.8	4.0	0.3	3.3	4.9	5.2
2	Clark-Shawnee	A+	2,204	-9.7	33.7	9.0	0.0	84.1	89.0	79.4	88.8	76.8	7.4	8.3	2.2	1.2	2.2	8.0	15.2
2	Clinton-Massie	A+	1,796	13.5	27.7	<5.0	0.0	86.7	88.9	83.2	88.3	81.5	8.9	7.5	3.6	0.2	3.9	4.2	7.2

Dayton 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 physical charter school	In public e-charter school	OUT: Residing in district but enrolling in other district	IN: Attending district through open enrollment
			#	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
2	Covington	A	885	0.5	24.4	<5.0	0.0	79.7	91.8	82.6	91.1	80.3	7.3	6.2	3.6	0.0	1.3	5.9	9.0
2	Eaton Community	A	2,167	-3.3	27.9	<5.0	0.9	67.3	88.8	80.3	88.6	76.9	13.3	15.2	4.8	0.0	2.7	3.9	1.8
2	Edgewood	A	3,540	12.9	33.6	<5.0	0.0	89.3	89.0	78.7	80.7	76.7	12.4	11.5	4.7	0.5	1.6	1.8	1.0
2	Franklin Monroe	A	757	6.5	21.9	<5.0	0.0	84.0	93.9	77.7	93.3	77.7	8.4	10.5	2.8	0.5	1.1	7.8	26.2
2	Franklin	B	2,911	-2.5	44.7	<5.0	0.0	89.1	86.9	79.5	83.2	75.7	10.5	11.8	3.8	0.9	3.7	2.4	3.5
2	Graham	B	2,303	8.0	30.8	<5.0	0.0	80.1	88.4	85.1	88.5	82.3	9.0	8.9	3.6	4.9	3.8	4.1	6.3
2	Greeneview	B	1,338	-12.8	27.6	<5.0	0.0	81.3	89.0	80.0	89.3	75.9	6.5	6.5	2.6	0.1	3.1	2.9	6.9
2	Greenon	A+	1,870	-5.8	29.7	6.2	0.0	80.1	91.2	87.0	88.7	85.4	9.9	5.4	3.3	0.2	2.1	4.4	5.2
2	Kings	A	3,914	13.0	17.1	10.8	2.0	92.6	88.5	87.8	85.6	86.8	6.7	7.5	3.0	0.1	2.8	0.1	1.3
2	Lakota	A+	17,409	21.1	14.6	23.9	4.9	89.2	89.2	85.5	86.5	84.5	6.9	8.6	2.5	0.2	1.5	0.3	0.0
2	Lebanon	A	5,450	25.7	23.5	10.6	1.4	91.4	87.9	83.5	87.8	81.5	11.1	23.8	3.6	0.2	4.1	1.0	0.0
2	Little Miami	A	3,833	47.1	20.1	6.8	0.5	87.8	80.5	74.5	72.9	72.3	8.9	7.8	3.0	0.1	4.3	4.1	0.0
2	Madison	A	1,568	3.6	27.7	<5.0	0.0	86.8	87.4	81.4	39.7	58.5	9.4	10.0	3.1	2.0	2.2	1.2	8.2
2	Mason	A+	10,503	66.3	6.4	24.7	2.4	96.8	91.8	90.8	91.3	67.4	5.9	4.5	2.3	0.1	0.8	0.0	1.2
2	Miami East	A+	1,212	-8.3	19.3	<5.0	0.0	84.7	90.7	85.4	90.7	81.3	6.5	5.4	3.2	0.4	1.7	7.4	8.2
2	Middletown	C	6,540	-10.4	71.5	32.8	4.2	69.7	79.9	73.5	68.4	69.2	17.7	23.7	6.0	8.3	3.7	2.8	1.2
2	Milton-Union	A	1,740	-5.1	39.7	<5.0	0.0	87.3	86.5	79.8	86.4	75.9	10.3	9.6	2.7	0.2	2.3	3.0	10.0
2	Monroe	A	2,232	61.6	25.2	12.6	2.7	85.1	86.3	79.1	86.1	76.6	9.9	10.8	4.2	1.1	2.2	1.3	3.4
2	National Trail	B	1,085	-8.8	41.7	<5.0	0.0	85.5	88.4	79.1	88.4	73.1	8.6	11.0	2.4	0.1	2.5	4.0	3.2
2	New Miami	A	770	-11.2	78.4	9.8	0.0	73.6	74.3	63.3	73.1	58.3	20.4	24.3	9.0	0.1	3.9	4.6	13.2
2	Newton	A	599	1.7	27.4	<5.0	0.0	88.2	92.5	91.0	92.4	91.0	10.3	3.3	1.4	0.0	1.0	8.9	13.2
2	Northwestern	A+	1,760	-5.7	28.1	5.5	0.0	82.9	88.0	85.8	88.4	84.2	8.6	8.2	2.4	0.8	1.7	7.0	12.0
2	Piqua	B	3,377	-9.0	53.2	12.7	0.0	90.3	85.8	81.1	81.3	78.5	10.5	12.7	5.0	0.0	3.2	3.3	2.6
2	Preble Shawnee	B	1,433	-15.1	43.0	<5.0	0.0	89.7	86.8	77.0	74.2	77.0	9.9	11.7	2.8	0.8	2.0	3.6	3.6
2	Southeastern	A	798	0.5	27.5	<5.0	0.0	93.2	87.8	83.5	65.3	81.4	5.9	4.8	2.2	0.4	2.6	5.7	9.5
2	Springboro Community	A+	5,493	64.0	6.3	8.5	0.4	95.7	92.3	89.0	91.5	87.2	4.0	4.1	1.6	0.1	1.4	0.7	0.0
2	Springfield	B	7,398	-24.2	76.3	37.9	1.6	63.3	81.3	69.7	64.7	51.4	14.5	24.0	6.1	6.8	3.0	7.6	1.4
2	Tecumseh	B	3,191	-11.0	48.4	12.9	3.7	85.0	87.7	79.7	84.4	75.1	11.3	17.5	5.2	0.3	3.4	1.7	7.3

*Refer to page 9 for definitions of stability and churn

Dayton 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 physical charter school	In public e-charter school	OUT: Residing in district but enrolling in other district	IN: Attending district through open enrollment
			#	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
2	Tipp City	A	2,535	-2.0	18.3	<5.0	1.2	92.7	90.3	86.8	90.4	85.7	6.7	5.7	1.7	0.0	1.5	1.4	2.7
2	Tri-County North	B	1,041	-12.4	36.1	<5.0	0.0	87.3	89.7	72.3	89.6	67.5	6.3	13.3	1.9	0.0	2.4	2.1	3.1
2	Troy	A+	4,466	-0.2	40.4	15.3	1.2	90.0	88.3	82.6	82.8	79.6	9.1	12.2	3.7	0.0	2.3	3.3	2.6
2	Twin Valley	A	913	-13.0	34.6	<5.0	0.0	82.8	89.6	78.3	89.1	75.9	9.8	13.6	3.8	0.1	2.4	3.3	2.6
2	Wayne	A	1,471	14.0	19.6	<5.0	1.2	88.5	89.3	82.7	88.5	81.5	7.5	7.2	3.2	0.0	2.2	0.5	4.1
2	Xenia Community	B	4,761	-4.0	54.3	24.7	0.4	72.1	84.6	74.9	77.8	70.9	12.7	15.7	4.7	0.7	3.8	2.8	1.0
2	Yellow Springs	A+	718	14.0	23.9	32.0	0.0	84.5	87.7	80.8	87.4	80.8	6.6	9.0	2.3	0.2	1.8	3.5	16.5

*Refer to page 9 for definitions of stability and churn

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

Dayton 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
				#	%	%	%	%
Arcanum-Butler	Arcanum Elementary School	K-5	A	485	24.4	<5.0	88.5	4.6
Arcanum-Butler	Arcanum High School	9-12	A	307	14.2	<5.0	76.1	9.1
Arcanum-Butler	Butler Middle School	6-8	B	233	19.9	<5.0	92.2	4.3
Beavercreek	Beavercreek High School	9-12	A	2,536	10.9	15.3	88.0	5.4
Beavercreek	Fairbrook Elementary School	K-5	A+	597	13.2	13.8	83.2	9.8
Beavercreek	Ferguson Middle School	6-8	A	977	12.0	19.9	89.7	7.2
Beavercreek	Herman K Ankeney Middle School	6-8	A	866	15.8	11.2	89.9	4.3
Beavercreek	Main Elementary School	K-5	A	839	12.0	14.1	88.8	7.5
Beavercreek	Parkwood Elementary School	PK-5	B	449	29.6	9.5	83.6	6.6
Beavercreek	Shaw Elementary School	K-5	A	769	10.9	29.3	79.5	15.6
Beavercreek	Valley Elementary School	K-5	A	538	13.5	11.9	81.4	6.0
Bellbrook-Sugarcreek	Bell Creek Intermediate School	3-5	A	589	19.9	14.6	91.3	5.4
Bellbrook-Sugarcreek	Bellbrook High School	9-12	A	886	11.3	11.0	89.5	4.4
Bellbrook-Sugarcreek	Bellbrook Middle School	6-8	A	634	14.0	12.7	93.3	4.0
Bellbrook-Sugarcreek	Stephen Bell Elementary School	K-2	NA	473	18.3	15.9	90.2	5.1
Bethel	Bethel Elementary School	K-6	A	453	12.6	5.1	88.8	10.0
Bethel	Bethel High School	9-12	A	292	12.4	5.1	80.8	9.9
Bethel	Bethel Junior High School	7-8	B	149	12.8	<5.0	79.7	12.6
Bradford	Bradford Elementary School	K-5	B	273	53.7	<5.0	92.2	12.0
Bradford	Bradford High School	6-12	B	335	47.9	<5.0	75.0	13.1
Brookville	Brookville High School	9-12	A	500	21.2	<5.0	74.7	9.6
Brookville	Brookville Intermediate School	4-8	A	584	26.9	<5.0	92.6	8.4
Brookville	Westbrook Elementary School	K-3	A	380	27.8	<5.0	90.3	8.7
Carlisle	Alden R Brown Elementary School	K-2	NA	367	36.4	5.9	78.1	9.9
Carlisle	Bobby F. Grigsby Intermediate School	3-5	A	401	38.3	5.3	90.7	7.9
Carlisle	Carlisle High School	9-12	A	515	23.0	<5.0	73.6	9.3
Carlisle	Chamberlain Middle School	6-8	B	420	39.0	<5.0	85.3	9.5
Cedar Cliff	Cedarville Elementary School	K-6	A	221	16.8	11.0	70.8	8.4
Cedar Cliff	Cedarville High School	7-12	A	370	10.4	11.0	70.1	9.9
Centerville	Centerville High School	9-12	A	2,807	11.8	16.9	93.6	4.6
Centerville	Centerville Primary Village North	K-1	NA	355	11.7	14.0	71.2	12.7
Centerville	Centerville Primary Village South	K-1	NA	501	18.2	26.1	76.1	8.9
Centerville	Dr John Hole Elementary School	2-5	A+	360	10.9	15.2	88.4	9.4
Centerville	Driscoll Elementary School	2-5	A	271	16.7	18.2	84.3	8.2
Centerville	Hadley E Watts Middle School	6-8	A	737	11.7	17.9	90.8	5.7
Centerville	Magsig Middle School	6-8	A+	614	18.1	23.4	89.6	6.1
Centerville	Normandy Elementary School	2-5	A+	541	15.7	27.5	85.6	11.4
Centerville	Stingley Elementary School	2-5	A+	271	10.8	12.1	90.1	4.8
Centerville	Tower Heights Middle School	6-8	A	594	12.1	12.9	91.6	4.4
Centerville	W O Cline Elementary School	2-5	A+	458	28.3	24.9	88.3	9.3
Centerville	Weller Elementary School	2-5	A+	484	6.4	22.0	89.7	4.1
Clark-Shawnee	Clark-Shawnee Kindergarten VII Elementary School	K	NA	65	32.3	13.2		10.0
Clark-Shawnee	Possum Elementary School	1-8	A	544	40.6	12.0	87.3	8.6
Clark-Shawnee	Reid Elementary School	1-8	A	583	38.1	7.2	89.6	7.2
Clark-Shawnee	Rockway Elementary School	1-8	A	253	28.6	<5.0	90.4	6.3
Clark-Shawnee	Shawnee High School	9-12	A	758	27.1	9.8	76.8	8.3
Clinton-Massie	Clinton-Massie Elementary School	K-5	A+	787	30.9	<5.0	87.9	9.1

Dayton 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
				#	%	%	%	%
Clinton-Massie	Clinton-Massie High School	9-12	A	595	23.2	<5.0	81.5	7.5
Clinton-Massie	Clinton-Massie Middle School	6-8	A+	414	28.2	<5.0	89.4	8.5
Covington	Covington Elementary School	PK-5	B	404	29.8	6.0	90.3	5.6
Covington	Covington High School	9-12	A	282	15.1	<5.0	80.3	6.2
Covington	Covington Middle School	6-8	A	199	26.3	5.6	93.3	10.9
Dayton	Belle Haven PreK-8 School	PK-8	D	466	>95.0	>95.0	72.9	22.2
Dayton	Belmont High School	9-12	D	813	87.4	54.8	47.4	34.7
Dayton	Charity Adams Earley Girls Academy	K-6	C	319	>95.0	91.6	76.9	17.5
Dayton	Cleveland PreK-8 School	PK-8	D	483	>95.0	36.7	69.7	20.3
Dayton	David H. Ponzit Career Technology Center	9-12	C	610	78.2	84.9	80.8	7.3
Dayton	Dayton Boys Preparatory Academy	PK-7	C	260	>95.0	92.6	63.1	37.2
Dayton	Dunbar High School	9-12	D	550	78.1	>95.0	53.9	34.8
Dayton	E. J. Brown PreK-8 School	PK-8	F	463	>95.0	89.9	66.2	26.0
Dayton	Eastmont Park PreK-8 School	PK-8	D	466	>95.0	21.1	73.8	27.5
Dayton	Edison PreK-8 School	PK-8	F	401	>95.0	>95.0	67.0	20.7
Dayton	Fairview PreK-8 School	PK-8	D	352	>95.0	>95.0	69.6	42.4
Dayton	Gardendale Academy	K-12	NA	56	>95.0	69.3	55.3	86.7
Dayton	Gorman School	PK-8	NA	48	>95.0	62.3	87.0	3.3
Dayton	Horace Mann PreK-8 School	PK-8	C	458	>95.0	48.3	74.5	17.0
Dayton	Kemp PreK-8 School	PK-8	C	436	>95.0	38.2	60.8	28.2
Dayton	Kiser PreK-8 School	PK-8	F	493	>95.0	62.8	72.4	25.2
Dayton	Longfellow Alternative School	PK-12	NA	290	67.6	74.9	21.2	293.6
Dayton	Louise Troy PreK-8 School	PK-8	D	369	>95.0	>95.0	60.6	29.2
Dayton	Meadowdale High School	9-12	D	605	83.8	>95.0	61.4	44.3
Dayton	Meadowdale PreK-8 School	PK-8	D	453	>95.0	93.5	66.2	38.1
Dayton	Patterson/Kennedy PreK-8 School	PK-8	F	607	>95.0	57.4	59.5	35.8
Dayton	River's Edge Montessori PreK-8 School @ Franklin	K-8	D	421	>95.0	47.9	63.0	22.0
Dayton	Rosa Parks PreK-8 School	PK-8	D	450	>95.0	>95.0	78.9	26.0
Dayton	Ruskin PreK-8 School	PK-8	D	475	>95.0	43.8	72.8	22.9
Dayton	Stivers School For The Arts	7-12	B	911	55.2	66.3	90.1	3.9
Dayton	Thurgood Marshall High School	9-12	C	624	83.5	>95.0	65.7	20.8
Dayton	Valerie PreK-8 School	PK-8	A	460	>95.0	94.9	74.6	10.8
Dayton	Westwood PreK-8 School	PK-8	F	431	>95.0	>95.0	66.1	30.5
Dayton	Wogaman PreK-8 School	PK-8	C	474	>95.0	>95.0	72.2	19.7
Dayton	World of Wonder PreK-8 School	PK-8	C	456	>95.0	>95.0	73.4	20.8
Dayton	Wright Brothers PreK-8 School @ Grant	PK-8	C	429	>95.0	27.4	61.0	33.7
Eaton Community	Eaton High School	9-12	B	674	23.0	<5.0	76.9	15.2
Eaton Community	Eaton Middle School	6-8	A	535	27.8	<5.0	88.4	15.7
Eaton Community	Hollingsworth East Elementary School	K-2	NA	452	31.3	6.6	87.4	12.6
Eaton Community	William Bruce Elementary School	3-5	B	506	31.6	7.2	89.9	11.2
Edgewood	Babeck Elementary School	1-5	A	469	50.1	6.1	75.5	25.3
Edgewood	Bloomfield Elementary School	PK-5	A+	737	29.3	<5.0	71.2	12.4
Edgewood	Edgewood High School	9-12	A	1,071	28.7	<5.0	76.7	11.5
Edgewood	Edgewood Middle School	6-8	C	868	37.0	<5.0	91.4	9.3
Edgewood	Seven Mile Elementary School	1-5	A	395	28.3	<5.0	90.9	9.1
Fairborn	Baker Middle School	6-8	B	909	51.4	20.9	80.9	15.1
Fairborn	Fairborn High School	9-12	A	1,223	38.1	21.7	69.9	17.0
Fairborn	Fairborn Intermediate School	4-5	B	660	59.8	20.9	78.7	18.0
Fairborn	Fairborn Primary School	PK-3	A	1,471	57.7	23.5	75.2	18.8

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				#	%	%	%	%
Franklin Monroe	Franklin Monroe Elementary School	K-6	A	369	24.1	5.7	94.1	9.3
Franklin Monroe	Franklin Monroe High School	7-12	C	388	19.9	<5.0	80.1	8.7
Franklin-Warren County	Anthony Wayne Elementary School	1-6	B	276	64.9	<5.0	76.2	18.7
Franklin-Warren County	Franklin High School	9-12	A	916	38.6	<5.0	75.7	11.8
Franklin-Warren County	Franklin Junior High School	7-8	B	440	44.2	5.8	89.3	11.0
Franklin-Warren County	George H Gerke Elementary School	1-6	B	319	57.2	<5.0	81.9	11.9
Franklin-Warren County	Hampton Bennett Early Childhood Center	K	NA	134	30.8	5.6		17.3
Franklin-Warren County	Hunter Elementary School	1-6	A	328	26.1	<5.0	87.2	7.4
Franklin-Warren County	Pennyroyal Elementary School	1-6	B	259	65.6	7.4	79.8	14.9
Franklin-Warren County	William C Schenck Elementary School	1-6	B	239	39.0	<5.0	84.5	6.3
Graham	Graham Elementary School	PK-5	B	982	39.5	<5.0	89.8	8.1
Graham	Graham High School	9-12	A	674	21.8	<5.0	82.3	8.9
Graham	Graham Middle School	6-8	A	491	31.2	<5.0	85.4	10.7
Greeneview	Greeneview High School	9-12	A	425	21.6	5.0	75.9	6.5
Greeneview	Greeneview Intermediate School	4-8	B	561	27.7	<5.0	91.6	6.0
Greeneview	Greeneview Primary School	K-3	A	353	34.8	<5.0	85.9	7.2
Greenon	Enon Elementary School	K-4	B	347	31.4	10.8	85.3	13.1
Greenon	Greenon High School	9-12	A	673	23.6	<5.0	85.4	5.4
Greenon	Hustead Elementary School	K-4	B	274	37.8	7.7	86.4	10.7
Greenon	Indian Valley Middle School	5-8	A	576	31.9	6.1	92.3	8.7
Huber Hts.	Kitty Hawk Elementary School	PK-5	B	266	54.5	38.0	69.0	18.8
Huber Hts.	Lamendola Elementary School	K-5	B	476	39.5	28.1	74.2	21.2
Huber Hts.	Menlo Park Elementary School	K-5	B	372	49.6	32.4	79.1	13.2
Huber Hts.	Monticello Elementary School	K-5	A	375	53.0	38.6	71.1	18.0
Huber Hts.	Rushmore Elementary School	K-5	C	371	42.2	35.6	77.3	9.3
Huber Hts.	Stuebaker Middle School	6-8	B	760	43.6	35.3	82.3	12.4
Huber Hts.	Titus Elementary School	K-5	B	336	26.0	30.5	79.3	12.8
Huber Hts.	Valley Forge Elementary School	K-5	A	469	46.8	34.8	72.9	19.5
Huber Hts.	Wayne High School	9-12	B	2,049	29.9	35.0	75.7	12.2
Huber Hts.	Weisenborn Middle School	6-8	B	704	45.1	38.0	81.4	14.9
Jefferson Township	Blairwood Elementary School	K-6	D	179	<5.0	83.4	65.5	30.2
Jefferson Township	Jefferson High School	7-12	D	240	5.7	87.6	68.7	25.1
Kettering	Beavertown Elementary School	K-5	A	347	49.2	11.0	82.1	16.9
Kettering	Greenmont Elementary School	K-5	B	294	61.4	16.9	77.8	13.9
Kettering	Indian Riffle Elementary School	K-5	A	446	40.5	7.6	86.1	12.0
Kettering	J F Kennedy Elementary School	K-5	A	536	54.0	23.3	77.8	11.6
Kettering	Kettering Fairmont High School	9-12	A	2,297	31.4	9.7	85.5	10.3
Kettering	Kettering Middle School	6-8	A	957	48.3	11.3	88.7	8.1
Kettering	Oakview Elementary School	K-5	B	391	37.8	12.2	84.1	8.9
Kettering	Orchard Park Elementary School	K-5	A	254	28.4	11.4	79.9	12.3
Kettering	Prass Elementary School	K-5	A	346	29.5	11.9	87.8	8.1
Kettering	Southdale Elementary School	K-5	A+	535	36.3	16.8	80.5	14.5
Kettering	Van Buren Middle School	6-8	A	712	31.7	11.4	87.2	11.5
Kings	Columbia Elementary School	5-6	A	602	21.9	10.3	89.4	6.0
Kings	J F Burns Elementary School	K-4	A	623	15.7	14.5	83.2	8.8
Kings	Kings High School	9-12	A	1,172	11.5	10.2	86.8	7.5
Kings	Kings Junior High School	7-8	A	615	15.8	9.6	92.9	5.2
Kings	Kings Mills Elementary School	K-4	A+	484	11.1	11.3	82.1	7.5
Kings	South Lebanon Elementary School	K-4	A	418	36.8	10.1	83.0	11.4

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				#	%	%	%	%
Lakota-Butler County	Adena Elementary School	2-6	A+	753	14.2	13.8	87.8	6.6
Lakota-Butler County	Cherokee Elementary School	2-6	A	798	16.6	19.2	90.5	6.5
Lakota-Butler County	Creekside Early Childhood School	PK-1	NA	565	12.4	31.1	81.6	9.9
Lakota-Butler County	Endeavor Elementary School	2-6	A+	753	13.4	35.7	84.9	9.4
Lakota-Butler County	Freedom Elementary School	2-6	A+	667	21.5	32.1	82.6	9.7
Lakota-Butler County	Heritage Elementary School	2-6	A+	605	16.6	25.0	85.9	7.9
Lakota-Butler County	Hopewell Elementary School	2-6	A+	796	17.2	23.4	84.5	7.6
Lakota-Butler County	Hopewell Junior School	7-8	A+	612	14.0	25.7	85.6	9.3
Lakota-Butler County	Independence Elementary School	2-6	A+	675	11.1	21.4	87.7	9.2
Lakota-Butler County	Lakota East High School	9-12	A	2,667	13.7	21.9	84.4	10.0
Lakota-Butler County	Lakota Plains Junior School	7-8	A+	758	8.9	22.3	89.4	5.8
Lakota-Butler County	Lakota Ridge Junior School	7-8	A+	605	18.0	28.0	89.6	9.0
Lakota-Butler County	Lakota West High School	9-12	A	2,812	11.9	23.2	84.6	7.8
Lakota-Butler County	Liberty Early Childhood School	K-1	NA	391	19.1	28.7	81.9	9.4
Lakota-Butler County	Liberty Junior School	7-8	A+	807	12.8	15.7	90.3	5.3
Lakota-Butler County	Shawnee Early Childhood School	PK-1	NA	492	24.2	29.9	79.6	12.0
Lakota-Butler County	Union Elementary School	2-6	A+	747	20.1	34.1	86.2	9.9
Lakota-Butler County	VanGorden Elementary School	2-6	A+	696	<5.0	12.8	91.6	2.9
Lakota-Butler County	Woodland Elementary School	2-6	A	585	22.2	24.3	86.3	9.1
Lakota-Butler County	Wyandot Early Childhood School	K-1	NA	623	16.5	25.6	85.2	8.0
Lebanon	Berry Intermediate School	5-6	A	893	24.6	10.5	88.4	9.4
Lebanon	Bowman Primary School	1-2	NA	887	27.6	13.4	86.4	12.6
Lebanon	Donovan Elementary School	3-4	A	886	27.2	12.6	88.2	9.7
Lebanon	Lebanon High School	9-12	A	1,658	18.6	8.7	81.5	23.8
Lebanon	Lebanon Junior High	7-8	A	874	23.4	9.6	88.3	11.6
Lebanon	Louisa Wright Elementary School	PK-K	NA	251	23.6	15.2		13.0
Little Miami	Hamilton-Maineville Elementary School	1-3	A	479	11.8	8.8	80.7	5.6
Little Miami	Little Miami High School	8-12	A	1,317	18.7	6.8	72.3	7.7
Little Miami	Little Miami Intermediate Middle School	3-5	A	819	21.9	7.1	80.8	10.0
Little Miami	Little Miami Junior High School	6-7	A	609	23.2	5.6	80.6	9.5
Little Miami	SalemTownship Elementary School	PK-2	NA	610	24.2	6.9	56.8	10.1
Mad River	Beverly Gardens Elementary School	K-4	A	342	36.4	30.7	52.3	28.0
Mad River	Brantwood Elementary School	K-4	B	340	56.2	26.9	73.0	23.4
Mad River	Mad River Middle School	7-8	B	498	56.5	20.4	81.1	16.0
Mad River	Saville Elementary School	K-4	A	329	70.5	15.6	76.5	18.7
Mad River	Spinning Hills Middle School (5-6)	5-6	A	541	56.7	21.7	77.3	14.8
Mad River	Stebbins High School	9-12	B	1,077	43.5	20.8	78.5	15.8
Mad River	Virginia Stevenson Elementary School	K-4	B	316	60.8	18.5	60.7	27.3
Madison-Butler County	Madison Elementary School	K-5	B	661	38.2	<5.0	84.5	10.8
Madison-Butler County	Madison High School	9-12	A	507	16.6	<5.0	45.1	10.0
Madison-Butler County	Madison Middle School	6-8	A	400	24.6	<5.0	23.7	7.2
Mason	Mason Early Childhood Center Elementary School	PK-1	NA	1,198	7.3	31.3	86.7	10.0
Mason	Mason Heights Elementary School	2-3	A	826	5.9	23.4	90.9	5.9
Mason	Mason Intermediate Elementary School	4-6	A+	2,696	5.7	25.7	92.4	4.8
Mason	Mason Middle School	7-9	A+	1,780	7.4	23.0	47.2	3.8
Mason	Western Row Elementary School	2-3	A	851	6.9	35.3	89.2	7.9
Mason	William Mason High School	7-12	A	3,153	5.9	19.7	92.1	4.5
Miami East	Miami East Elementary	K-5	A	542	25.7	<5.0	91.1	7.7
Miami East	Miami East High School	9-12	A	377	9.1	<5.0	81.3	5.4

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Miami East	Miami East Junior High School	6-8	A	292	20.5	<5.0	89.6	4.4
Miamisburg	Bauer Elementary School	K-5	B	468	35.5	31.1	57.2	20.9
Miamisburg	Bear Elementary School	K-5	A	217	50.4	<5.0	76.3	16.9
Miamisburg	Jane Chance Elementary	K-5	B	456	47.1	14.4		18.5
Miamisburg	Maddux-Lang Primary School	PK-K	NA	30				
Miamisburg	Mark Twain Elementary School	K-5	A+	345	44.0	11.5	78.4	17.6
Miamisburg	Medlar View Elementary School	K-5	A	537	30.6	21.2	65.4	12.3
Miamisburg	Miamisburg High School	9-12	A	1,549	29.3	13.1	76.1	12.4
Miamisburg	Mound Elementary School	K-5	B	408	38.2	10.1	74.7	12.7
Miamisburg	Neff Building Elementary School	6	A	469	40.5	15.2	0.0	14.6
Miamisburg	Wantz Middle School	7-8	A	859	36.1	13.8	86.7	9.7
Middletown	Amanda Elementary School	PK-5	C	396	89.1	16.2	61.2	35.1
Middletown	Central Academy Nongraded Elementary School	K-8	B	320	57.8	31.8	74.0	13.0
Middletown	Creekview Elementary School	PK-5	C	449	71.1	34.1	66.3	24.2
Middletown	Highview Elementary School	K-5	B	377	74.5	24.2	61.9	33.6
Middletown	Mayfield Elementary School	K-5	C	445	84.5	27.8	66.8	37.2
Middletown	Middletown High School	9-12	C	1,794	61.2	33.3	69.2	23.7
Middletown	Miller Ridge Elementary School	K-5	A	461	52.2	22.6	70.1	18.9
Middletown	Rosa Parks Elementary School	PK-5	D	423	94.8	61.4	64.2	42.9
Middletown	Stephen Vail Middle School	6-8	B	776	71.1	38.0	78.8	20.6
Middletown	Verity Middle School	6-8	B	596	79.3	27.2	72.3	22.7
Middletown	Wildwood Elementary School	K-5	B	503	79.5	40.3	63.2	23.2
Milton-Union	Milton-Union Elementary School	K-5	A	719	44.7	<5.0	86.6	10.8
Milton-Union	Milton-Union High School	9-12	A	666	33.5	<5.0	75.9	9.9
Milton-Union	Milton-Union Middle School	6-8	A	356	41.4	<5.0	86.0	10.6
Monroe	Monroe Elementary School	3-6	A+	707	30.7	14.6	86.3	11.0
Monroe	Monroe High School	9-12	A	686	19.1	11.8	76.6	10.8
Monroe	Monroe Junior High School	7-8	A	342	26.1	12.4	84.3	11.9
Monroe	Monroe Primary School	PK-2	NA	497	25.3	11.4	86.8	7.4
National Trail	National Trail Elementary School	K-4	A	418	47.9	<5.0	86.6	10.2
National Trail	National Trail High School	9-12	A	324	27.6	<5.0	73.1	11.0
National Trail	National Trail Middle School	5-8	B	343	47.6	<5.0	90.7	6.6
New Lebanon	Dixie Elementary School	K-4	A	456	57.5	7.3	85.9	14.0
New Lebanon	Dixie High School	9-12	A	369	37.6	5.5	70.2	11.3
New Lebanon	Dixie Middle School	5-8	B	335	49.3	5.0	84.9	11.5
New Miami	New Miami High School	9-12	B	225	70.1	5.7	58.3	24.3
New Miami	New Miami Elementary School	K-5	A	352	83.4	14.2	71.8	21.4
New Miami	New Miami Middle School	6-8	B	193	78.9	7.9	76.2	18.6
Newton	Newton Elementary School	K-6	A	343	32.1	8.6	91.6	11.2
Newton	Newton High School	7-12	A	256	21.2	5.3	92.6	4.8
Northmont	Englewood Elementary School	K-6	A+	312	28.2	20.9	68.4	10.3
Northmont	Englewood Hills Elementary School	1-6	A	381	32.3	37.8	87.6	5.6
Northmont	Northmont High School	9-12	A	1,830	22.0	26.8	80.5	7.7
Northmont	Northmont Middle School	7-8	A	903	31.2	26.9	89.1	5.5
Northmont	Northmoor Elementary School	K-6	A+	571	28.0	25.6	88.2	7.6
Northmont	Northwood Elementary School	K-6	B	450	35.2	41.9	79.7	9.5
Northmont	O R Edgington Elementary School	K-6	A+	490	35.3	19.7	82.3	6.1
Northmont	Union Elementary School	K-6	A	439	38.9	8.1	81.7	8.2
Northridge-Montgomery	Esther Dennis Middle School	6-8	A	332	81.2	23.9	76.0	20.2

Dayton 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
				#	%	%	%	%
County								
Northridge-Montgomery County	Grafton Kennedy Elementary School	1-5	C	335	85.5	7.0	76.3	15.6
Northridge-Montgomery County	Morrison Elementary School	1-5	C	335	86.9	49.4	62.5	23.8
Northridge-Montgomery County	Northridge High School	9-12	B	471	65.4	23.2	65.1	26.8
Northridge	Timberlane Learning Center	PK-K	NA	153	73.1	32.3		14.2
Northwestern	Northwestern Elementary School	PK-4	A	638	34.0	6.1	87.2	9.1
Northwestern	Northwestern High School	9-12	A	573	16.2	5.2	84.2	8.2
Northwestern	Northwestern Middle School	5-8	A	548	33.6	5.7	89.9	8.2
Oakwood	Harman Elementary School	1-6	A+	459	<5.0	6.8	90.3	3.1
Oakwood	Julian & Marjorie Lange School Elementary School	K	NA	59	<5.0	5.8		5.9
Oakwood	Oakwood High School	9-12	A	670	<5.0	<5.0	91.6	4.0
Oakwood	Oakwood Junior High School	7-8	A+	367	<5.0	8.4	94.1	1.1
Oakwood	Smith Elementary School	1-6	A+	520	8.3	9.9	92.5	3.3
Piqua	Bennett Intermediate Elementary School	4-6	C	253	74.7	15.6	76.8	21.9
Piqua	Favorite Hill Primary Elementary School	1-3	A	283	77.7	11.0	76.5	21.1
Piqua	High Street Primary Elementary School	1-3	A	268	41.4	12.0	81.3	12.6
Piqua	Nicklin Learning Center Elementary School	K	NA	159	62.2	13.4		8.1
Piqua	Piqua High School	9-12	A	1,059	41.6	10.6	78.5	12.7
Piqua	Piqua Junior High School	7-8	B	568	52.9	14.0	85.2	11.7
Piqua	Springcreek Primary Elementary School	1-3	A	255	64.2	17.2	77.5	21.6
Piqua	Washington Intermediate Elementary School	4-6	A+	254	39.5	14.0	86.7	14.0
Piqua	Wilder Intermediate Elementary School	4-6	B	277	61.8	11.9	81.9	19.3
Preble Shawnee	Camden Primary School	PK-3	A	430	42.5	<5.0	85.1	10.8
Preble Shawnee	Preble Shawnee High School/Junior High School	7-12	B	680	42.3	<5.0	78.3	11.8
Preble Shawnee	West Elton Intermediate School	2-8	B	323	45.0	<5.0	61.2	7.3
Southeastern	Miami View Elementary School	K-6	B	426	30.1	<5.0	85.8	6.7
Southeastern	Southeastern Sr. High School	9-12	A	250	24.9	5.2	81.4	4.8
Southeastern	Southeastern Jr. High School	7-8	B	122	23.6	<5.0	31.7	3.3
Springboro Community	Clearcreek Elementary School	K	NA	241	<5.0	10.6		4.3
Springboro Community	Dennis Elementary East	1-5	A	595	10.8	5.8	88.6	5.4
Springboro Community	Dennis Elementary West	1-5	A	587	8.6	7.1	91.0	6.0
Springboro Community	Five Points Elementary East	1-5	A	601	<5.0	12.0	93.1	4.8
Springboro Community	Five Points Elementary West	1-5	A+	609	<5.0	11.4	91.4	4.5
Springboro Community	Springboro High School	9-12	A	1,546	6.5	6.8	87.2	4.1
Springboro Community	Springboro Intermediate School	6	A	424	8.9	8.5		3.3
Springboro Community	Springboro Junior High School	7-8	A	889	6.4	9.8	93.6	3.6
Springfield	Fulton Elementary School	K-6	D	363	92.9	61.2	58.2	34.3
Springfield	Hayward Middle School	7-8	B	387	84.0	58.4	72.5	16.9
Springfield	Keifer Alternative Center	K-12	F	318	65.2	52.2	32.6	215.3
Springfield	Kenton Elementary School	K-6	B	401	71.3	33.9	58.3	32.7
Springfield	Kenwood Elementary	K-6	D	377	85.6	33.8	61.1	25.6
Springfield	Lagonda Elementary School	K-6	B	373	89.3	32.0	65.2	32.2
Springfield	Lincoln Elementary School	K-6	D	411	>95.0	45.8	63.0	39.7
Springfield	Mann Elementary School	K-6	B	470	78.2	22.1	66.6	20.7
Springfield	Perrin Woods Elementary School	K-6	D	413	85.1	79.3	65.5	24.1
Springfield	Roosevelt Middle School	7-8	C	389	68.8	28.4	71.4	21.5
Springfield	Schaefer Middle School	7-8	B	264	77.2	21.1	68.4	23.7

*Refer to page 9 for definitions of stability and churn

Dayton 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
				#	%	%	%	%
Springfield	Snowhill Elementary School	K-6	A+	491	48.4	24.2	71.0	17.4
Springfield	Snyder Park Elementary School	K-6	D	371	89.0	23.6	58.5	33.2
Springfield	Springfield High School	9-12	C	1,781	66.7	38.9	52.8	35.2
Springfield	Warder Park-Wayne Elementary School	K-6	D	539	83.5	20.8	69.5	26.1
Tecumseh	Donnelsville Elementary School	PK-5	B	296	33.0	8.7	90.1	5.8
Tecumseh	Medway Elementary School	PK-5	B	270	56.1	19.9	84.9	19.6
Tecumseh	New Carlisle Elementary School	K-5	B	454	58.2	18.5	81.0	12.1
Tecumseh	Park Layne Elementary School	K-5	A+	368	66.6	10.0	79.0	19.2
Tecumseh	Tecumseh Middle School	6-8	B	778	46.7	12.3	87.6	11.4
Tecumseh	Tecumseh High School	9-12	A	1,024	41.1	11.9	75.1	17.5
Tipp City	Broadway Elementary School	K-3	A	344	14.6	5.1	90.9	6.9
Tipp City	L. T. Ball Intermediate School	4-5	A	366	18.4	<5.0	90.6	5.4
Tipp City	Nevin Coppock Elementary School	K-3	A	360	28.3	6.4	87.6	9.5
Tipp City	Tippecanoe High School	9-12	A	870	14.0	<5.0	85.7	5.7
Tipp City	Tippecanoe Middle School	6-8	A	595	20.6	6.5	92.1	6.1
Tri-County North	Tri-County North Elementary School	K-4	A	361	39.6	<5.0	87.9	6.5
Tri-County North	Tri-County North High School	9-12	A	332	33.1	<5.0	67.5	13.3
Tri-County North	Tri-County North Middle School	5-8	B	348	35.4	<5.0	91.6	6.0
Trotwood-Madison	Madison Park Elementary	2-5	C	312	93.5	84.7	59.8	27.3
Trotwood-Madison	Trotwood-Madison Early Learning Center	PK-1	NA	334	85.1	88.4	62.7	22.2
Trotwood-Madison	Trotwood-Madison High School	9-12	C	914	74.3	94.1	64.4	22.0
Trotwood-Madison	Trotwood-Madison Middle School	6-8	C	621	83.9	91.3	71.4	21.1
Trotwood-Madison	Westbrooke Village Elementary	2-5	C	474	84.4	>95.0	72.0	21.6
Troy	Concord Elementary School	K-5	A+	562	25.0	15.3	89.7	6.5
Troy	Cookson Elementary School	K-5	B	340	59.2	16.2	78.2	12.3
Troy	Forest Elementary School	K-5	A	277	71.3	13.5	75.7	8.8
Troy	Heywood Elementary School	K-5	B	312	59.9	16.8	76.2	16.8
Troy	Hook Elementary School	K-5	B	290	46.4	13.0	81.1	10.3
Troy	Kyle Elementary School	K-5	A	227	77.5	18.0	77.0	28.4
Troy	Troy High School	9-12	A	1,396	27.6	15.0	79.6	12.2
Troy	Troy Junior High School	7-8	A+	726	34.3	16.3	92.3	7.7
Troy	Van Cleve Elementary School	6	A	336	39.2	15.3		12.0
Twin Valley	Twin Valley South Elementary School	K-5	A	361	41.8	<5.0	88.3	8.5
Twin Valley	Twin Valley South High School	9-12	A	317	27.4	<5.0	75.9	13.6
Twin Valley	Twin Valley South Middle School	6-8	A	236	33.5	<5.0	90.9	11.8
Valley View	Farmersville Elementary School	K-5	A	374	18.1	<5.0	88.0	4.7
Valley View	Germantown Elementary School	K-5	A	456	16.6	<5.0	86.9	9.7
Valley View	Valley View High School	9-12	A	618	16.7	<5.0	81.3	7.8
Valley View	Valley View Middle School	6-8	A+	425	17.7	5.9	89.1	7.2
Vandalia-Butler	Butler High School	9-12	A	1,106	21.6	11.7	84.6	8.9
Vandalia-Butler	Demmitt Elementary School	K-4	A	322	38.0	9.9	84.5	9.4
Vandalia-Butler	Helke Elementary School	K-4	A	371	27.9	16.8	83.7	15.1
Vandalia-Butler	Morton Middle School	5-8	A	501	32.7	9.7	88.8	9.7
Vandalia-Butler	Murlin Heights Elementary School	K-4	A	364	42.0	20.1	84.0	13.1
Vandalia-Butler	Smith Middle School	5-8	A	542	26.4	17.2	86.9	10.8
Wayne	Waynesville Elementary School	K-5	A	620	24.9	5.8	87.2	7.6
Wayne	Waynesville High School	9-12	A	490	12.9	<5.0	81.5	7.2
Wayne	Waynesville Middle School	6-8	A	361	19.5	<5.0	91.6	7.4
West Carrollton	C F Holliday Elementary School	1-5	C	417	71.2	34.1	71.4	29.8

Dayton 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
				#	%	%	%	%
West Carrollton	Frank Nicholas Elementary School	K-5	A+	192	75.7	34.8	71.0	23.4
West Carrollton	Harold Schnell Elementary School	1-5	A	437	40.7	19.4	83.9	6.5
West Carrollton	Harry Russell Elementary School	1-5	A+	368	63.7	27.2	68.8	24.2
West Carrollton	Shade Elementary School	K	NA	370	59.0	25.1		19.5
West Carrollton	West Carrollton High School	9-12	A	1,101	42.2	18.8	76.0	17.4
West Carrollton	West Carrollton Middle School	6-8	A	842	58.6	22.7	82.2	15.5
Xenia Community	Arrowood Elementary School	K-5	B	249	57.7	31.9	84.3	11.5
Xenia Community	Central Middle School	6-8	B	577	47.5	23.4	83.7	12.1
Xenia Community	Cox Elementary School	K-5	C	322	69.5	25.7	74.2	20.8
Xenia Community	McKinley Elementary School	K-5	C	423	57.9	27.4	86.2	8.5
Xenia Community	Shawnee Elementary School	K-5	C	257	67.1	31.5	64.6	21.3
Xenia Community	Simon Kenton Elementary School	K-5	A	390	62.1	27.0	77.7	15.5
Xenia Community	Spring Hill Elementary School	K-5	C	272	75.1	28.7	66.0	16.4
Xenia Community	Tecumseh Elementary School	K-5	A	346	38.9	19.9	79.4	14.2
Xenia Community	Warner Middle School	6-8	C	495	59.9	24.2	76.6	17.7
Xenia Community	Xenia High School	9-12	C	1,430	45.2	22.2	70.9	15.8
Yellow Springs	Mills Lawn Elementary School	K-6	A	385	30.6	32.9	87.0	6.0
Yellow Springs	Yellow Springs/McKinney High School	7-12	A	333	16.3	33.3	82.8	9.0

*Refer to page 9 for definitions of stability and churn

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

Dayton 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
				#	%	%	%	%
Graham	A.B. Graham Academy	K-12	B	157	13.5	<5.0	73.7	23.8
Dayton	City Day Community School	K-8	C	171	>95.0	>95.0	55.5	26.3
Dayton	Dayton Early College Academy, Inc	7-12	A+	390	78.4	87.9	77.6	5.8
Dayton	Dayton Leadership Academies-Dayton Liberty Campus	K-8	C	485	>95.0	>95.0	61.6	17.4
Dayton	Dayton Leadership Academies-Dayton View Campus	K-8	C	517	>95.0	>95.0	62.6	24.1
Dayton	Dayton Technology Design High School*	9-12	F	133	87.3	>95.0	39.8	54.5
Dayton	Emerson Academy	K-8	B	595	>95.0	29.0	63.9	23.4
Jefferson Township	General Chappie James Leadership Academy*	9-12	C	120	60.7	>95.0	21.9	63.7
Dayton	Horizon Science Academy Dayton Downtown	K-12	D	130	>95.0	17.9	-	20.8
Dayton	Horizon Science Academy Dayton High School	K-12	C	252	63.5	55.1	51.6	20.7
Dayton	Horizon Science Academy-Dayton	K-12	C	153	>95.0	89.9	32.8	16.1
Dayton	Klepinger Community School	K-8	C	130	50.8	>95.0	52.7	15.7
Dayton	Life Skills Center of Dayton*	9-12	F	353	89.6	81.4	11.1	227.2
Middletown	Life Skills Center-Middletown*	9-12	C	277	79.2	22.4	12.8	175.4
Springfield	Life Skills Center-Springfield*	9-12	F	185	82.5	34.8	12.6	168.4
West Carrollton	Miami Valley Academies	K-12	D	167	87.8	21.8	49.3	41.2
Miamisburg	Miamisburg Secondary Academy*	7-12	C	81	<5.0	13.7	13.0	150.0
Middletown	Middletown Fitness & Prep Acad	K-8	C	274	78.3	57.2	67.2	20.9
Dayton	Mound Street Health Careers Acadmy*	9-12	C	143	83.9	91.4	26.0	165.7
Dayton	Mound Street IT Careers Academy*	9-12	C	94	84.0	>95.0	19.3	134.0
Dayton	Mound Street Military Careers Academy*	9-12	C	72	87.6	79.2	11.5	124.1
Dayton	New Choices Community School	7-12	C	149	54.9	59.8	44.8	55.2
Dayton	North Dayton School Of Science & Discovery	K-8	C	507	>95.0	>95.0	65.7	13.0
Dayton	Pathway School of Discovery	K-8	B	685	77.5	28.1	75.1	12.7
Dayton	Richard Allen Academy	1-8	C	121	82.9	>95.0	76.7	6.6
Dayton	Richard Allen Academy II	K-8	C	449	77.3	>95.0	68.4	6.5
Hamilton	Richard Allen Academy III	K-8	C	183	92.1	>95.0	59.1	13.9
Dayton	Richard Allen Preparatory	K-12	NA	224	79.9	>95.0	42.2	5.7
Springfield	Springfield Acad Of Excellence	K-6	D	215	93.9	80.6	79.4	11.9
Springfield	Springfield Preparatory and Fitness Academy	K-8	A	161	90.4	64.2	64.6	11.8
Dayton	Summit Academy Dayton	K-12	F	88	77.0	36.5	62.1	14.6
Middletown	Summit Academy Secondary School - Middletown	8-12	C	47	33.6	8.5	76.0	18.8
Dayton	Summit Academy Transition High School Dayton	9-12	C	52	50.4	25.8	78.1	27.1
Xenia Community	Summit Academy-Xenia	K-10	D	63	60.5	22.4	68.3	4.8
Middletown	Summit Acdy Comm Schl for Alternative Learners of Middletown	K-10	F	92	60.8	8.4	84.6	15.2
Trotwood-Madison	Tech Con Institute*	K-12	F	57	94.4	>95.0	20.7	66.7
Dayton	The ISUS Institute of Construction Technology*	9-12	A	51	88.8	49.9	17.3	164.5
Dayton	The ISUS Institute of Health Care*	9-12	A	75	93.3	62.3	22.1	197.3
Dayton	The ISUS Institute of Manufacturing*	9-12	A	33	92.8	62.1	24.3	129.4
Trotwood-Madison	Trotwood Fitness & Prep Acad	K-8	C	328	93.7	93.4	65.6	14.7

