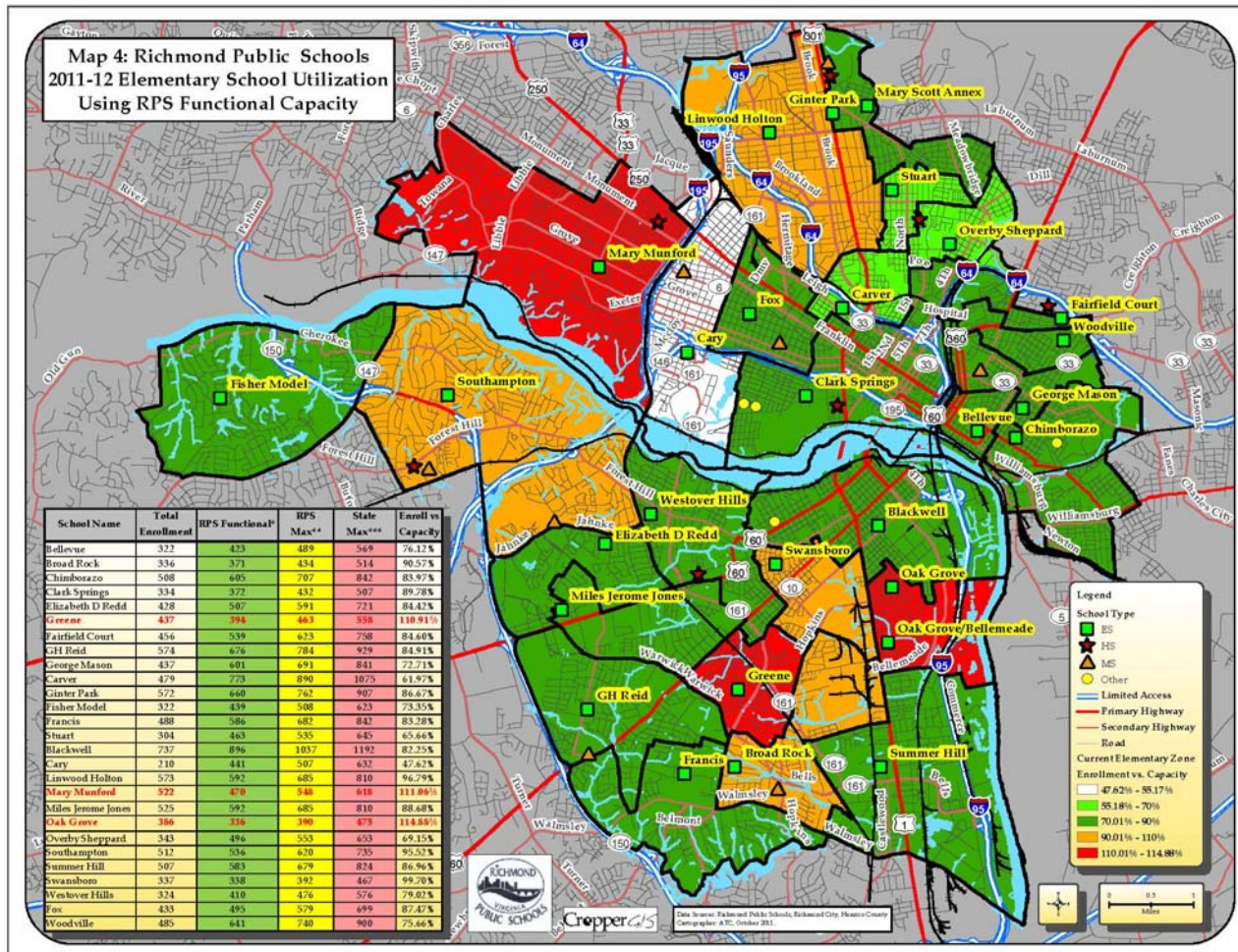


Richmond Public Schools Rezoning Study 2011-2012: Background Report



Project Objectives

1. Richmond Public Schools is building new schools as part of the "Building a Better Richmond" program.
 - a) 2 new elementary schools opening in January 2013
 - b) 1 new middle school opening in January 2014
 - c) 1 new high school opening in January 2015
2. Changes in demographics and population over time have created imbalances in building utilization amongst various schools within the district.
 - a) Some are over utilized while others are underutilized
3. Many of the buildings are in need of modernization or replacement, and there could be potential consolidation opportunities which can better save on costs.
4. These factors have created the need to take a comprehensive look at the existing Richmond Public School zones and facilities.

Acknowledgements

Cropper GIS extends appreciation to the School Board for allowing us to facilitate this attendance boundary study:

School Board

Kimberly Bridges (Chair), District 1
Dawn Page (Vice Chair), District 8
Kimberly Gray, District 2
Norma Murdoch-Kitt, District 3
Adria Graham Scott, District 4
Maurice Henderson, District 5
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Dr. Yvonne W. Brandon, Superintendent of Schools

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Matthew Cropper, President
Aaron Cropper, Senior GIS Developer/Analyst
Jason Gibbs, GIS Technician



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Preface: Rezoning Study

The material in this preface describes the Richmond Public Schools rationale behind the Rezoning Study and the formulation of the rezoning committee.

A number of points form the rationale behind this study:

- The school division will open two new elementary schools in January 2013, one new middle school in January 2014, and a new high school in January 2015.
- The school board approved a staff recommendation that a community-based rezoning committee be formed to coordinate rezoning.
- It is felt that:
 - the community will welcome opportunities to participate in the process,
 - we have a talented community willing to give of their time, and
 - a community-based committee will lead to the best solution for the city as a whole.
- The school division will also hire an outside consultant to facilitate the work of the committee and subcommittees.
- The committee will be comprised of 40-45 parents and community representatives.
- An application process will be followed for selecting committee members.
- The staff will provide data and technical support for the committees.
- This approach establishes a new and higher level of community engagement and provides numerous opportunities for public involvement through the committee, community input sessions, and public hearings.
- Multiple forms of communication will be incorporated in the process.

Introduction and Study Goals

Richmond Public Schools is planning to build four new schools by 2015 (see Table 1 on the following page). When a district builds new schools it must undertake a rezoning study, the process of evaluating school attendance boundaries to reflect the addition of the new facilities, the capacities of existing schools, the placement of current and

planned educational programs and student population changes.

The School Board has initiated a community-based, comprehensive rezoning study to meet these objectives:

1. Richmond Public Schools is building new schools as part of the "Building a Better Richmond" program.
 - a) 2 new elementary schools opening in January 2013
 - b) 1 new middle school opening in January 2014
 - c) 1 new high school opening in January 2015
2. Changes in demographics and population over time have created imbalances in building utilization amongst various schools within the district.
 - a) Some are over utilized while others are underutilized
3. Many of the buildings are in need of modernization or replacement, and there could be potential consolidation opportunities which can better save on costs.
4. These factors have created the need to take a comprehensive look at the existing Richmond Public School zones and facilities.

These objectives will be met by aligning efforts that maximize the District's rezoning objectives. Every school attendance boundary will be evaluated and is subject to modification.

Any changes to school attendance boundaries will take effect beginning in the fall of 2013.

This background report was prepared to empower the volunteer committee called together to lead this grass-roots study. This report will empower committee members in two ways:

- It will expand the extensive knowledge each committee member already has of the City of Richmond and RPS.
- It will help committee members share a message with the community that is consistent and accurate.

Richmond Public Schools contracted with Cropper GIS to facilitate this community-based study. Cropper GIS has significant experience facilitating community-based rezoning studies, having assisted school districts of all sizes in Virginia (Henrico County), Maryland, Georgia, Illinois, Indiana, Ohio, New York and other states. The "GIS" in Cropper GIS stands for "geographic information systems." Geographic information systems consist of people, computer hardware and software. GIS is designed to store, analyze and output geographic data to support decision making. Maps are the most common GIS output. Because school attendance boundaries are geographic in nature, GIS is a powerful tool



promoting efficient and effective decision making when conducting rezoning studies.

Project	Estimated Completion Date
(New) Broad Rock Elementary	January 2013
(New) Oak Grove Elementary	January 2013
(New) Martin Luther King Jr Middle	January 2014
(New) Huguenot High	January 2015

RPS Rezoning Study Guidelines and Objectives

Richmond Public Schools has developed a body of policies and procedures to guide all rezoning studies. While these policy and procedures are included here, they can be found on the District’s World Wide Web site at:

<http://web.richmond.k12.va.us/AboutRPS/Rezoning/GuidingPrinciples.aspx>

RPS Rezoning Procedural Guidelines

There are procedural guidelines that are used when attendance zones are altered:

1. Does this scenario best meet the guiding principles set forth by Richmond Public Schools?
2. Do the scenarios provide the best balance of building utilization across the school division?
3. Are all efforts made to minimize the impact on students as the rezoning process is implemented?
4. Are the scenarios best suited for transportation to/from school for parents and school buses?
5. Do the zones maximize the number of students who can walk to school when available while ensuring the safety of the students?
6. Are all efforts made to create zones that deter students from hazardous and dangerous conditions; i.e. crossing busy railroad tracks and/or roads.
7. Do the scenarios provide a feeder system or ‘pathway’ from elementary to middle to high school? If the school does not feed entirely into the next level, is there a high enough percentage of students that will continue to the next school so the students have familiar faces as they are promoted to the next level.
8. Do the scenarios attempt to provide a school closest to where the students live?

9. Do the scenarios make all efforts to keep communities intact and not divide neighborhoods and/or apartments and subdivisions?

RPS Rezoning Study Objectives

There are four objectives that are followed when establishing school boundaries:

1. To achieve the efficient utilization of present and projected school facilities. The determining factors are:
 - Student population within school census tracts within school zones, along with enrollment forecasts.
 - Plans for new school construction.
 - Feasibility of plant expansion and/or renovation to provide comparable educational facilities.
 - Placement of special programs which affect regularly formulated capacity figures for a school building (e.g., Exceptional Education with average capacities of 9, whereas the average elementary classroom capacity is 22).
2. To further implement the grade organizational goal of PK-5 Elementary Schools, 6-8 Middle Schools, and 9-12 High Schools.
3. To maintain the concept of geographic zoning which encourages the participation and involvement of geographically contiguous communities with a school.
4. To provide all students the best physical learning environment possible by uniform and equitable utilization of facilities according to the needs of the educational program.

Project Schedule

Table 2 on the following page presents the rezoning project schedule. The schedule places a significant time commitment on rezoning study committee members from October 25, 2011 through May 8, 2012. Volunteer committee members are expected to:

- Meet approximately one time per month throughout the duration of the study to prepare attendance boundary options and plan community information meetings.
- Help facilitate two community information meetings.
- Possibly represent the overall committee at School Board meetings and School Board Public Hearings.



Table 2. Process & Timeline for Richmond Public Schools Rezoning Study

	Aug. '11	Sept. '11	Oct. '11	Nov. '11	Dec. '11	Jan. '12	Feb. '12	Mar. '12	Apr. '12	May '12	June '12
TASK I: Demographic Study											
TASK II: Capacity Development											
TASK III: Rezoning Criteria/ Guideline Development											
TASK IV: Rezoning											
Data Collection											
Data Analysis/ Assimilation											
Internal Logistics Planning with RPS											
Committee Application Development											
Committee Application Review/ Selection											
Background Report Development											
Baseline Options Development											
Community Forum #1 (3 locations): Present Project Process, Criteria, Timeline, and Redistricting Objectives to Community. Information meeting to public, without public comments.		Sept. 22, 2011									
Rezoning Meeting Series 1 - Orientation			Oct. 25, 2011								
Rezoning Meeting Series 2 - Review Background Data, Introduce Baseline Options				Nov. 15, 2011							
Rezoning Meeting Series 3 - Discuss Background Data & Baseline Options, Q&A					Dec 13, 2011						
Rezoning Meeting Series 4 - Options Development, Prepare for Community Forum #2						Jan 10, 2012					
School Board Process Update							Feb 6, 2012				
Community Forum #2 (3 locations): Present Preliminary Rezoning Options to Community for Comment/Feedback							Feb 15, 2012				
Rezoning Meeting Series 5 - Options Development							Feb 28, 2012				
Rezoning Meeting Series 6 - Options Development, Prepare for Community Forum #3								Mar 13, 2012			
Community Forum #3 (3 locations): Present Updated Rezoning Options to Community for Comment/Feedback								Mar 27, 2012			
Rezoning Meeting Series 7 - Review Forum Results, Begin Recommendations									Apr 17, 2012		
Rezoning Meeting Series 8 - Finalize Recommendations & Prepare for Board Presentation										May. 8, 2012	
Presentation of Final Recommendations to the Board of Education										May 21, 2012	
School Board Public Hearings										May 29 & 31, 2012	
School Board Vote on Recommendations											June 18, 2012



Additionally, rezoning study committee members will have “homework,” such as studying this background report, preparing for meetings, and talking about their work with interested citizens. Additional responsibilities of volunteer committee members are described later.

A successful school rezoning study is one which promotes effective communication between all stakeholders, from the general public to rezoning committee members to district staff and School Board members. The project schedule is designed to promote communication. The two public forums will give the public opportunity to comment and ask questions both in person and through the Internet. The School Board will receive regular progress reports. RPS and Cropper GIS will be available at all meetings of the rezoning committee meetings.

Rezoning Study Project Process

While the rationale behind the rezoning project process is presented in the Preface, it is important to reiterate that:

- This process is an open process with extensive community participation.
- The process will be facilitated by an outside consultant.
- RPS staff will provide data and technical support to the committees.
- Multiple forms of communication will be incorporated into the process.

This study has five phases:

- Phase 1. Data Collection
- Phase 2. Data Assimilation
- Phase 3. Background Report Development
- Phase 4. Committee Application Development, Review, and Selection
- Phase 5. Data Analysis and Options Development: Committee Meetings, School Board Meetings and Public Forums

Phase 1. Data Collection

Data availability and quality are central to rezoning studies. Fortunately, Richmond Public Schools, the City of Richmond, and Henrico County have provided a comprehensive collection of district, city and county data, including:

- a wide array of GIS data,
- geocoded student membership data (historic and current),
- current & planned school facility data, and
- pertinent district policies and procedures.



RPS data was augmented with demographic data from the U.S. Census Bureau.

Formal data collection efforts ended in September 2011 when Cropper GIS staff conducted field work throughout the City of Richmond. As the study proceeds, volunteers will provide additional data as they bring their experience and expertise to their committee work. Public input at the two community information meetings will be collated and provide valuable data. Finally, RPS and Cropper GIS staff will provide data to the committees upon request throughout the life of the study.

Phase 2. Data Assimilation

Once data is collected, it is necessary to integrate it into GIS to enable quick and efficient analysis and options development. Data assimilation was completed quickly and efficiently because the City of Richmond already had some of the data in usable GIS formats. For example, Cropper GIS was able to use city’s data when producing the maps in Appendix D of this report.

Phase 3. Background Report Development

This background report was completed in October 2011 so that it could be distributed to:

- Volunteers on the Rezoning Committee
- School Board members
- RPS staff
- Members of the public via the RPS website

The background report is not a static document, but it will grow as the rezoning study progresses. Committee members are encouraged to organize new and updated handouts, maps and data in this report. All new materials will be made available to the public on the RPS website.

Phase 4. Committee Application Development, Review, and Selection

Noted in the Preface, the School Board decided to have a grass-roots, community-based committee lead this rezoning study. Total committee membership numbers forty to forty-five volunteers. Citizens from throughout The City of Richmond will sit on the committee.

Formulation of the overall committee began in the fall of 2011 with the development of application materials (see Appendix A). Citizens of The City of Richmond were notified about the opportunity to volunteer in backpack flyers to parents, and the district’s website. The opportunity to volunteer also was noted in the community information meetings held at locations in the city September 22-23, 2011 and October 4-5. Citizens interested in joining the committee applied through the RPS Web page or by submitting a hard copy application through October 10, 2011.

Cropper GIS and RPS collated and reviewed all applications and selected applicants. Criteria for selecting applicants included:

- ensuring that the different regions of The City of Richmond are equally represented,
- ensuring that a cross-section and representative body of citizens sit on the committee, and
- prioritizing applications that were objective and thoughtful.

Phase 5. Data Analysis & Options Development: Committee Meetings, School Board Meetings and Public Forums

Noted in the schedule (Table 2), volunteers will meet in committee meetings to analyze data, review attendance boundaries and develop rezoning options from October 2011 through May 2012. School Board action will take place on June 18, 2012. Valuable public input will be provided in two series of community information meetings, and the Board will receive progress reports throughout the life of the study.

Noted in Table 5 on the following page, the committee volunteers are not the only stakeholders in the rezoning study. The general public has important roles, as do the project consultant, the Superintendent, School Board and staff of RPS.

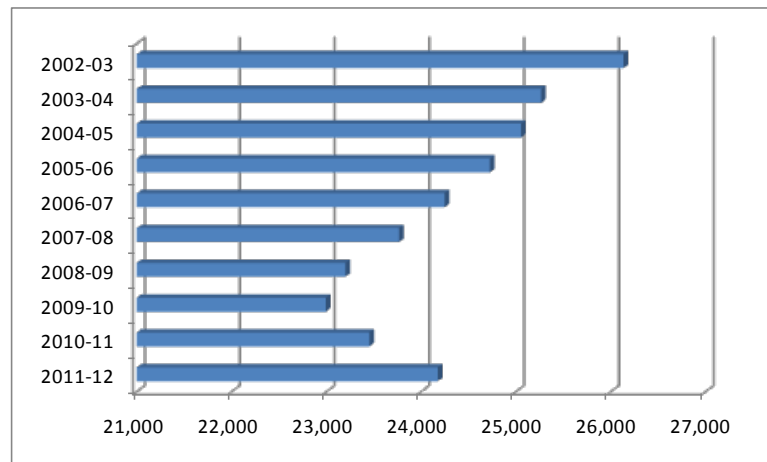
Population and Membership Growth Trends

The membership trends of a school district cannot be described without briefly describing the demographic trends of the community encompassing the school district. If a school district is in a community with a declining population and/or aging population, membership often declines. Examples of this include some “rust-belt” school districts in the Midwest. If a school district is in a community with a growing population, membership often rises. Examples of that would be Henrico County Va. The City of Richmond has grown slightly from 2000 to 2010 (shown in Table 3) while the enrollment has declined overall from 26,136 in 2002 to 24,175 in 2011 (Table 4). Despite the overall decline from 2002 to 2011, the enrollment has seen a slight increase from 2009 to 2011.

Table 3. City of Richmond: Total Population and Population by Sex			
	2000 Census	% Change 2000-2010	2010 Census
Total Population	197,790	3.25%	204,214
Total Male	92,068	5.72%	97,331
Total Female	105,722	1.10%	106,883

Table 4. Historical Enrollment	
School Year	Total Enrollment
2011-12	24,175
2010-11	23,454
2009-10	22,994
2008-09	23,200
2007-08	23,769
2006-07	24,247
2005-06	24,726
2004-05	25,054
2003-04	25,266
2002-03	26,136

Chart of Total Enrollment from 2002-2011



Appendix E also includes detail population pyramids for each attendance zone. These paint a very vivid picture of how many school aged children live within each zone.

In addition to looking at total population and enrollment changes over time it is also important to analyze the current student migration trends. For example, how many students attend a school outside of the zone where they live? When creating school boundaries it is best to plan for the students in the area around the school. To aid in this analysis Cropper GIS has prepared a Live Attend Analysis to answer the following questions:

1. How many students live outside of a zone but travel in to attend?
2. How many students live in and attend their zoned school?
3. How many students live inside a zone but travel outside to attend a different school?
4. How many students live outside of the district but attend a certain school?

Appendix D contains these Live Attend Analysis maps.



Table 5. Outline of Stakeholder Responsibilities

Consultant	<ul style="list-style-type: none"> • Schedule committee meetings, run meetings. • Review committee applications and make recommendations regarding committee membership. • Conduct public meetings to solicit feedback related to committee proposals. • Present information regarding process and committee recommendation at the School Board’s public hearing. • Organize, summarize, present emails to committee. Create a portal to provide access to committee members to view full emails. • Divide committee into three subcommittees to ensure no segment of the community has a majority representation on a group. • Work with all three groups during meeting nights. • Assist with written communication with households. • Anticipate one committee meeting per month.
Committee	<ul style="list-style-type: none"> • Committee to include approximately 40-45 members. • Members represent schools rather than neighborhoods. • Members selected through an application process. • Members confirm time commitment. • Committee has latitude to determine and will develop appropriate number of proposals to bring to community. • Committee will develop redistricting recommendations to be presented to the School Board.
General Public	<ul style="list-style-type: none"> • Informed through website. • Invited to submit comments by email, letter, and other means. • Invited to attend committee and public meetings.
School Board	<ul style="list-style-type: none"> • Charge committee with its responsibilities. • Identify questions the committee is expected to answer. • Conducts public hearing for redistricting proposal (does not attend committee meetings).
Superintendent	<ul style="list-style-type: none"> • Attends first community committee meeting, gives the charge from the Board, and then removes herself from the committee’s work.
District Staff	<ul style="list-style-type: none"> • Attends every committee meeting, provides technical guidance when needed. • Maintains web updates – notification of progress of committee. • Responsible for mailings to households.

School Construction, Expansion & Renovation

As mentioned previously, the mayor of Richmond has initiated the "Building a Better Richmond" which is a Schools Capital Improvements Program that will build four new schools for RPS. The first two new buildings slated to open in January 2013 are Broad Rock and Oak Grove ES. Broad Rock will be built on the current site and Oak Grove will be built at the current Oak Grove/Bellemeade site. The new Oak Grove ES will be connected to a parks and recreation pool.

In January of 2014 the new Martin Luther King MS will open on its current site and includes possible additions to the existing site. This new building will house 800 students. In addition, the new Huguenot HS building will open in January of 2015. A new facility is being built on the existing site, which will be first new HS in the district in seventy years.

In addition to the "Building a Better Richmond" program, the Richmond Redevelopment and Housing Authority is slated to build a new Overby-Sheppard ES on the existing site, although these plans are uncertain and are not in control of Richmond Public Schools.

Map 13 in Appendix D shows the new buildings that are being constructed.

Map Analysis

Geography influences school boundaries in Richmond City Schools. Noted in RPS Rezoning Study Policies and Procedures, one of the objectives of any school attendance boundary study is:

To maintain the concept of geographic zoning which encourages the participation and involvement of geographically contiguous communities with a school.

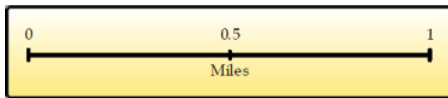
The importance of geography is noted in the District’s Rezoning Procedural Guidelines:

- Major roads and natural boundaries will be used whenever feasible to define attendance zones.
- All reasonable efforts should be made to ensure contiguous geographic zones which minimize division of clearly identifiable community components (e.g. apartment units, residential subdivisions).
- Efforts will be made to establish walking schools and reasonable walking zones where feasible.
- Efforts will be made to ensure an efficient system of school bus transportation.

Maps provide the opportunity to examine physical and social geography and to discover relationships between places. Maps included in Appendix D and are given brief analysis here. While this analysis is helpful, each attendance boundary study volunteer is urged to closely analyze these maps and share their analysis with other committee members. The local knowledge and personal insight that each volunteer brings to map analysis will add valuable perspective to this study.

Mapping Conventions

When analyzing the maps in Appendix D, keep in mind these common mapping conventions used in each map.



Each map will include a graphic scale bar to indicate distance between features. A graphic scale bar is very helpful to readers who download the background report and use a “zoom” function to examine a small area of a map in detail. Each map will also contain a North Arrow that will help the map viewers determine the direction.



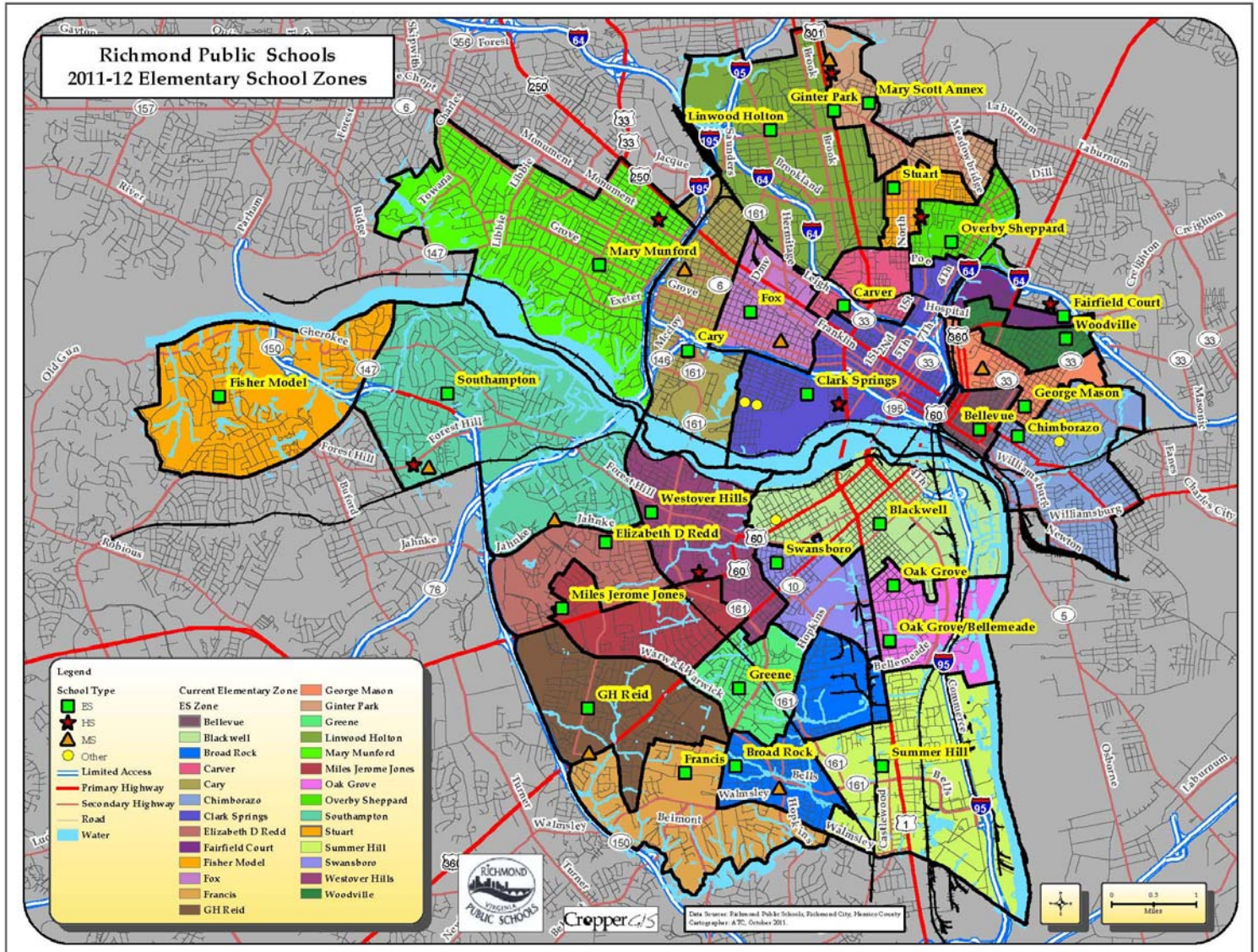
Each map has a legend showing common symbology used in all maps and, sometimes, symbology unique to a single map. Common symbols are used for schools. Squares are elementary schools (green, in color copies). Triangles are middle schools (orange, in color copies). Stars are high schools (red, in color copies), and other types of schools are yellow circles. Transportation symbology is the same in all maps. Limited access highways are a dark double line (blue and white, in color copies), highways are a dark single line (red, in color copies), and major roads are a lighter single line (light gray, in color copies). A railroad is symbolized by a line with a cross-hatch pattern. School border outlines are represented with a dark line. When maps illustrate a value in an area, darker colors represent higher values and lighter colors represent lower numbers.

School Type	Limited Access	School Zone
ES	Primary Highway	Water
MS	Secondary Highway	
HS	Road	
Other	Railroad	

Series 1: Current Zone Maps

Map 1-3. Richmond Public Schools: 2011-2012 Current Zones

The first series of maps in Appendix D depict the current zones. Each school boundary is shaded a unique color and the school building locations are labeled. The image below depicts the current 2011-12 Elementary Zones. There are also maps of the MS and HS included.

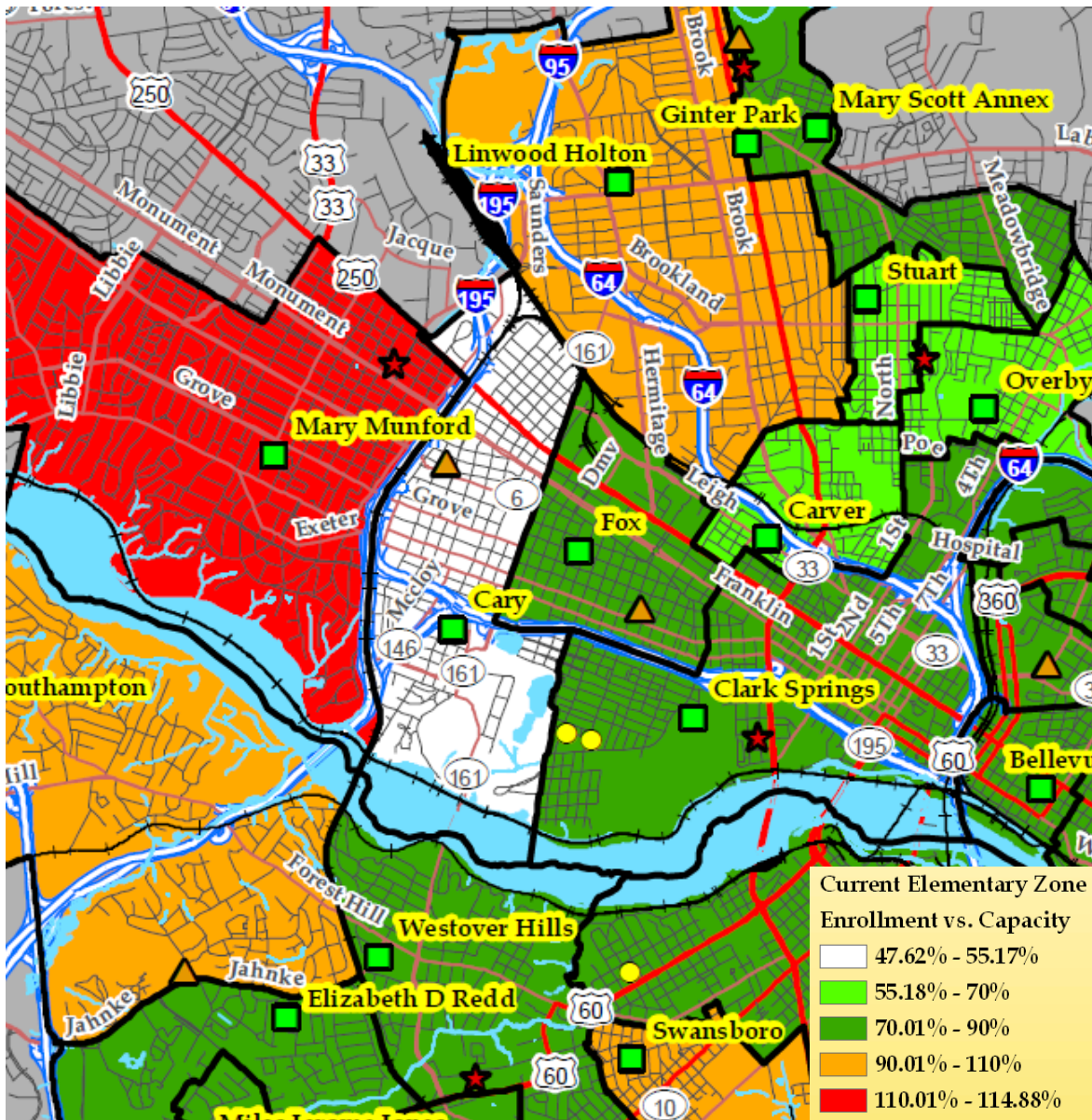


Series 2: Membership versus School Capacity

The second series of maps consist of three choropleth maps. A choropleth map shows how a measurement varies across a region by using shades or patterns to represent a different value for each small area in the region.

Map 4. Richmond Public Schools: 2011-2012 Elementary School Membership vs. Capacity

The image below is a detail of the fourth map in Appendix D. This image shows the relationship between projected elementary school student membership for 2011-12 and the capacity of elementary schools by symbolizing their attendance areas (outlined in black) with different shades. Review the inset of the legend. Lighter shades show schools that have more “open” seats than schools shown with darker shades. For example, Mary Munford Elementary School in the left of this image is near or at full capacity. Cary Elementary directly to the east of Mary Munford is shown in the lightest shade, so it is between 47.62% - 55.17% capacity.

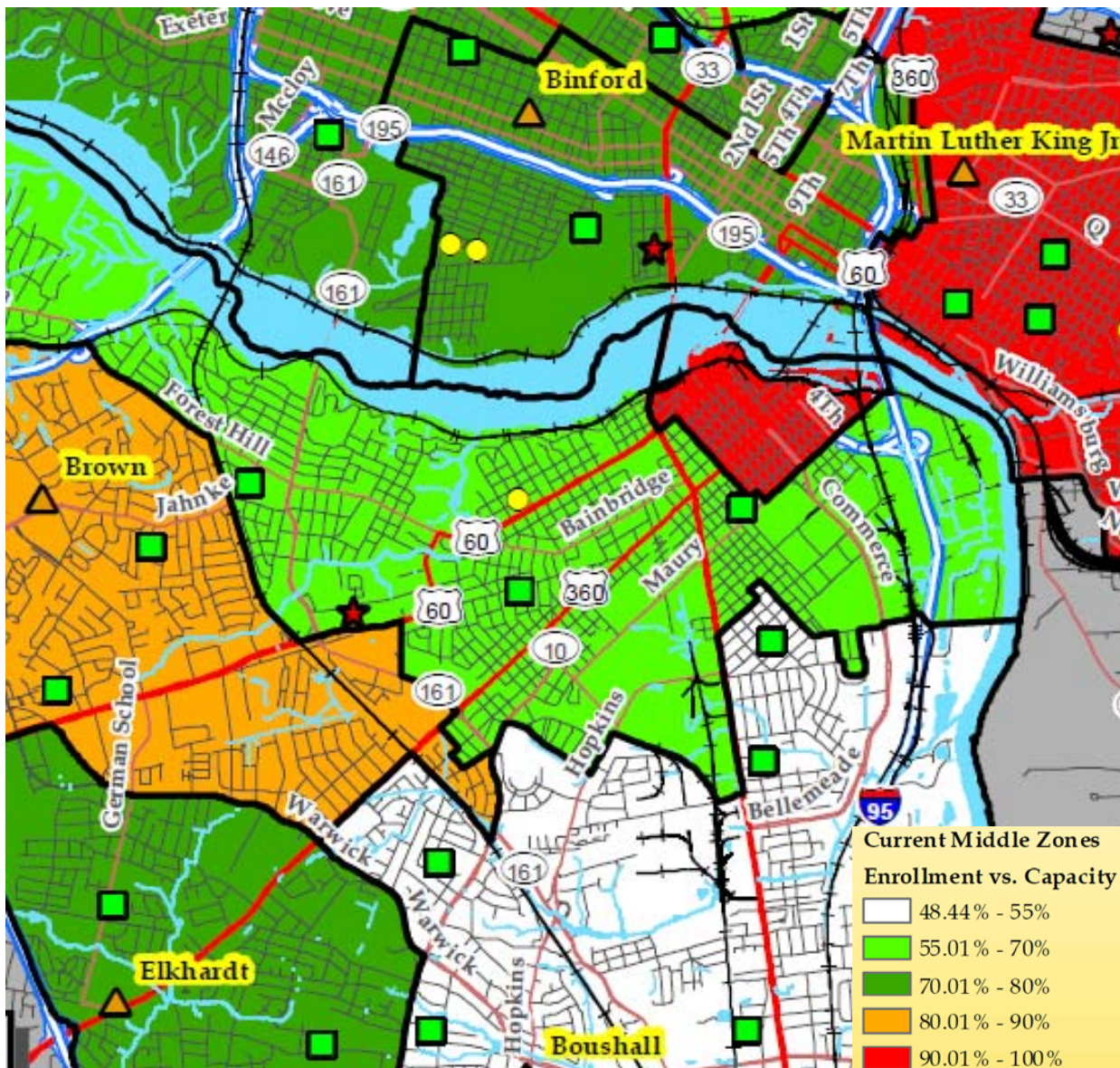


Remember to review the full map in Appendix D for a view of all elementary schools in the city.

Map 5. Richmond Public Schools: 2011-2012 Middle School Membership vs. Capacity

This image is similar to the first map, but instead of showing the relationship between elementary school membership and capacity, the shading shows the relationship between middle school membership and middle school capacity. In this map middle school attendance areas are outlined in black, not elementary school attendance areas. The values represented by the shades also differ from the values represented in the prior elementary school map. For example, the darkest shade (red) in this middle school map represent a membership vs capacity range of 90.01-100%, while in the elementary school map the darkest shade represents a membership vs capacity range of 110.01-114.88%.

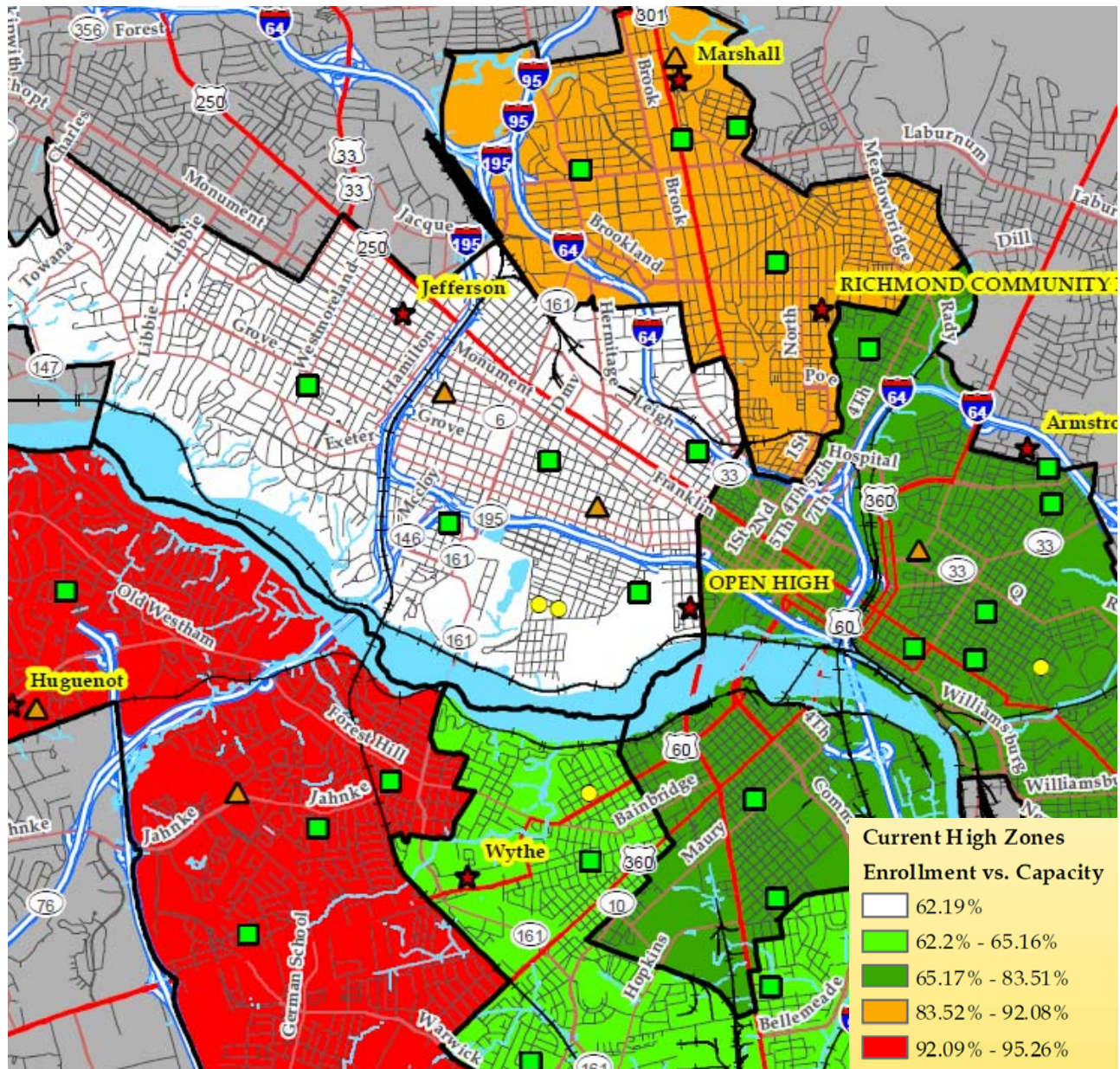
The attendance area of Boushall Middle School in the southeastern part of the city is symbolized in the lightest shade, indicating that the school is between 48.44-55% capacity. Martin Luther King Jr Middle School, in the northeastern portion is at 90.01-100%.



Again, remember to review the full map in Appendix D to see the relationship between middle school membership vs capacity for all middle schools in the city.

Map 6. Richmond City Public Schools: 2011-2012 High School Membership vs. Capacity

This map has a similar theme as the previous two, depicting the relationship between school membership and school capacity; however, this map illustrates this relationship for high schools. Again, school attendance boundaries are symbolized with black borders and darker shades represent schools with a higher capacity levels. Note that the capacity levels represented in this map differ from the previous two.



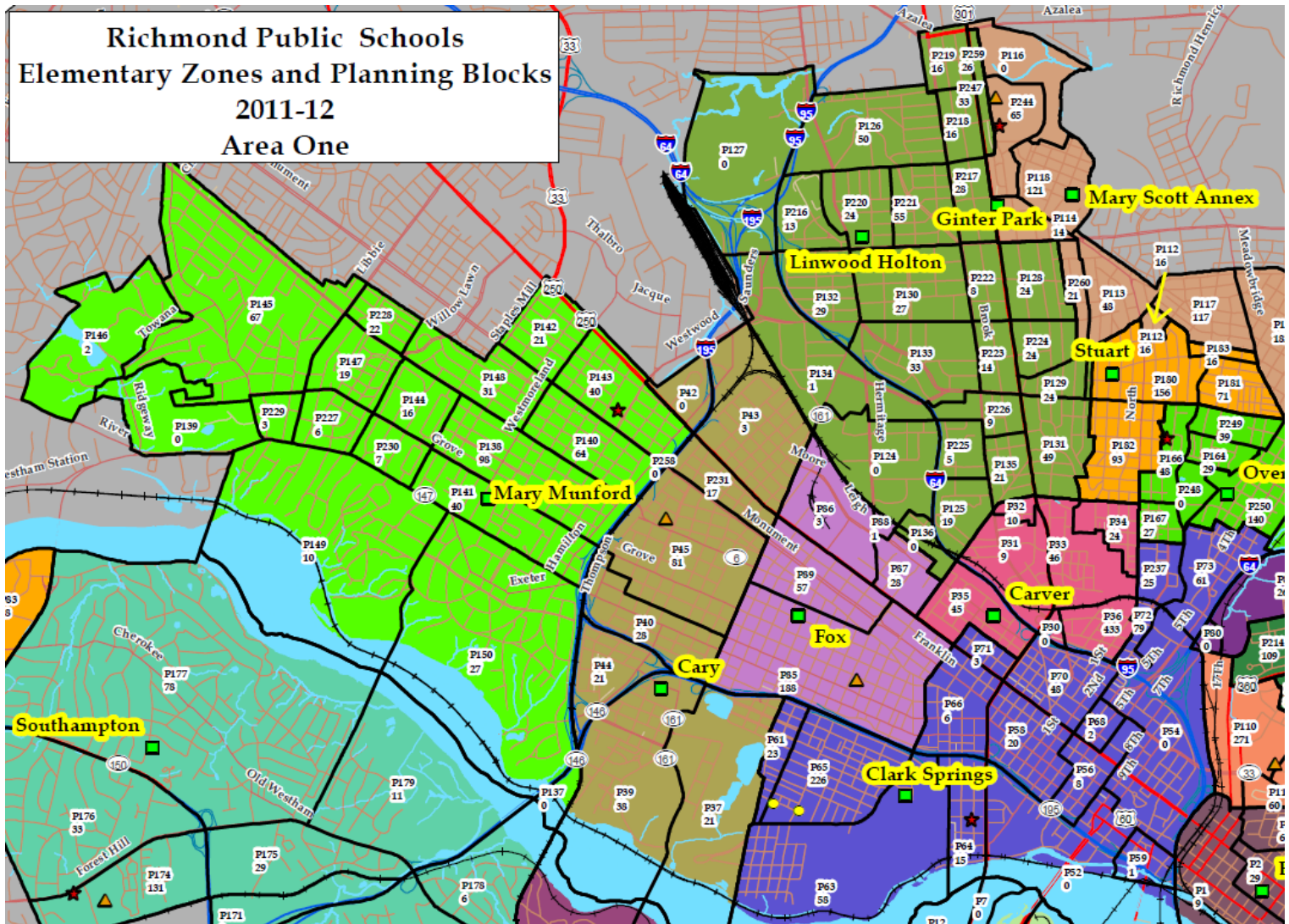
The full map is included in Appendix D.

Series 2: Planning Block Mapping

Cropper GIS has divided the city into small geographic areas termed "Planning Blocks." Starting with the elementary attendance area level, zones are split it so that the committee can see what would happen if a certain area is moved to a different zone and how many students it would affect. When creating the planning blocks, all efforts are made to avoid dividing neighborhoods or developments so that the disruption to communities is minimized when developing scenarios. The Planning Block model has been adopted for this study, and volunteers will find that their work in examining school attendance boundaries will be greatly enhanced by studying Planning Blocks individually and by studying clusters of Planning Blocks. Indeed, volunteers will discover that they can quickly and easily create prototype school attendance areas by combining clusters of Planning Blocks.

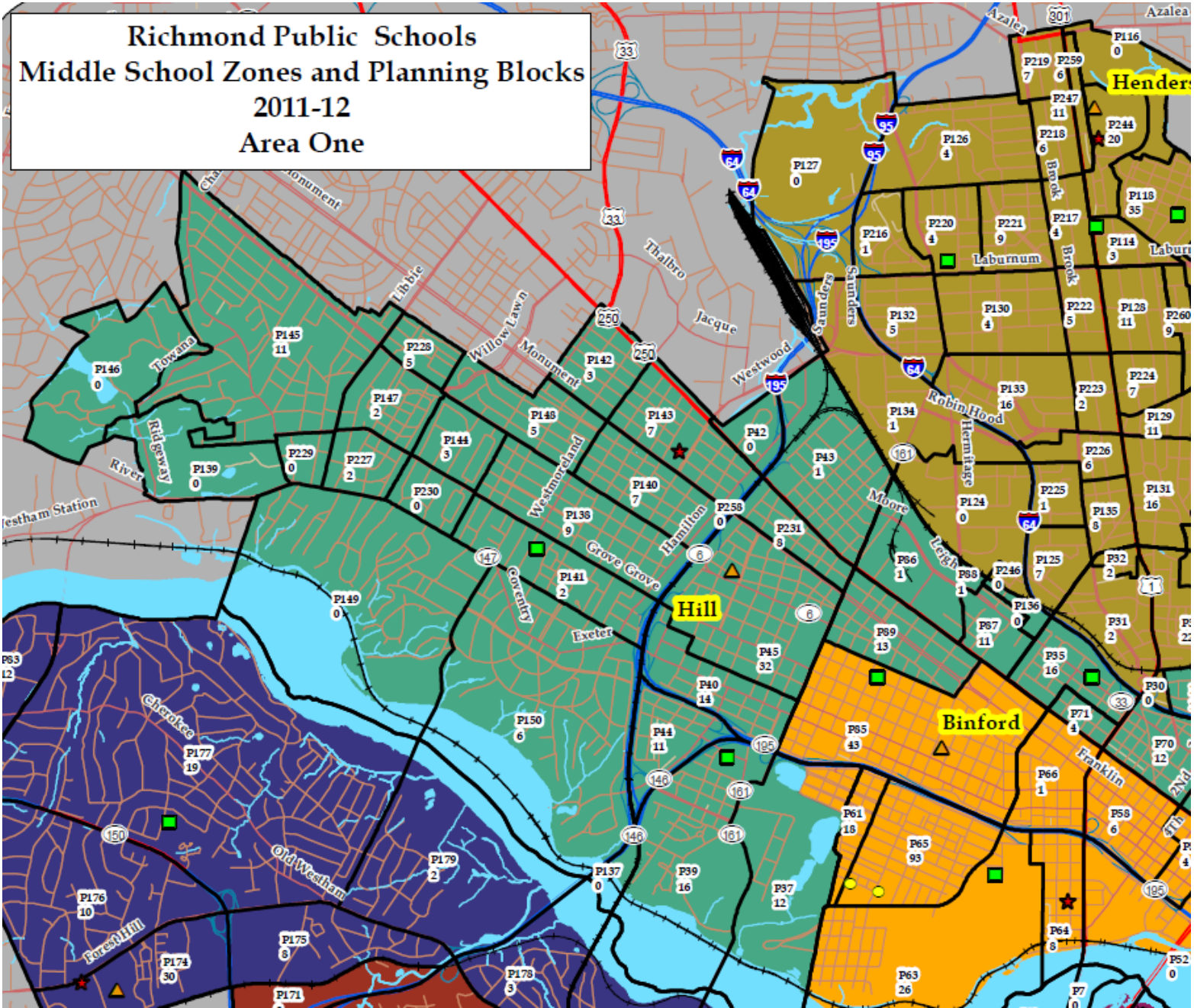
Map 7. Richmond Public Schools: Elementary Zones and Planning Blocks, 2011-12 Area One

Because of the size of Richmond, the city was divided into two areas to facilitate the production of readable maps. Area One is the northern portion of the county; Area Two is the southern portion of the city. Each planning block has two labels. The top label represents the planning block ID and the bottom represents the total number of PK-5 students that live in that planning block.



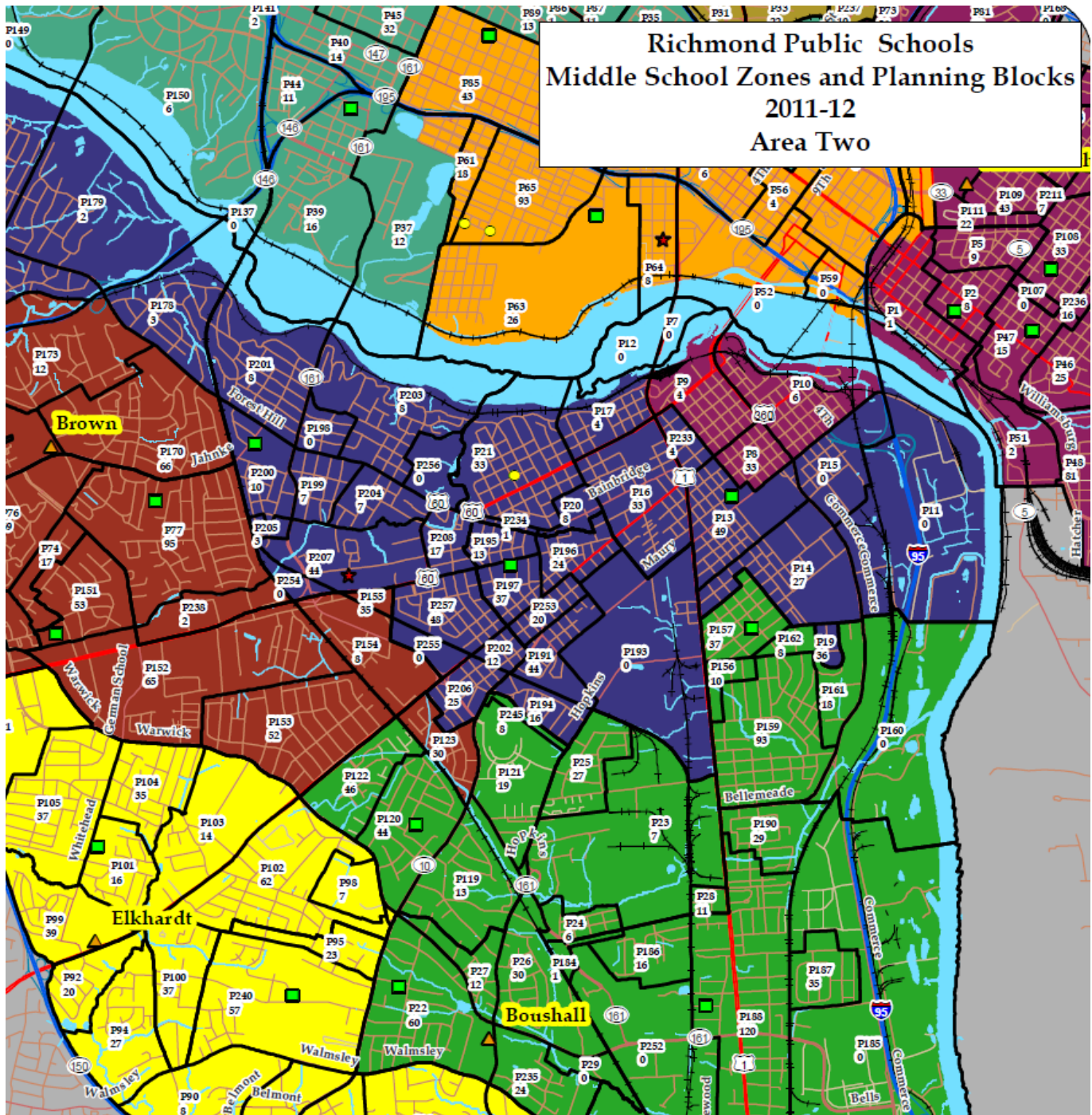
Map 9. Richmond Public Schools: Middle School Zones and Planning Blocks, 2011-12 Area One

The detail below is similar to the previous map, but the bottom label shows the number of middle school students (6-8th) in each Planning Block in the northwest corner of Area One instead of elementary students.



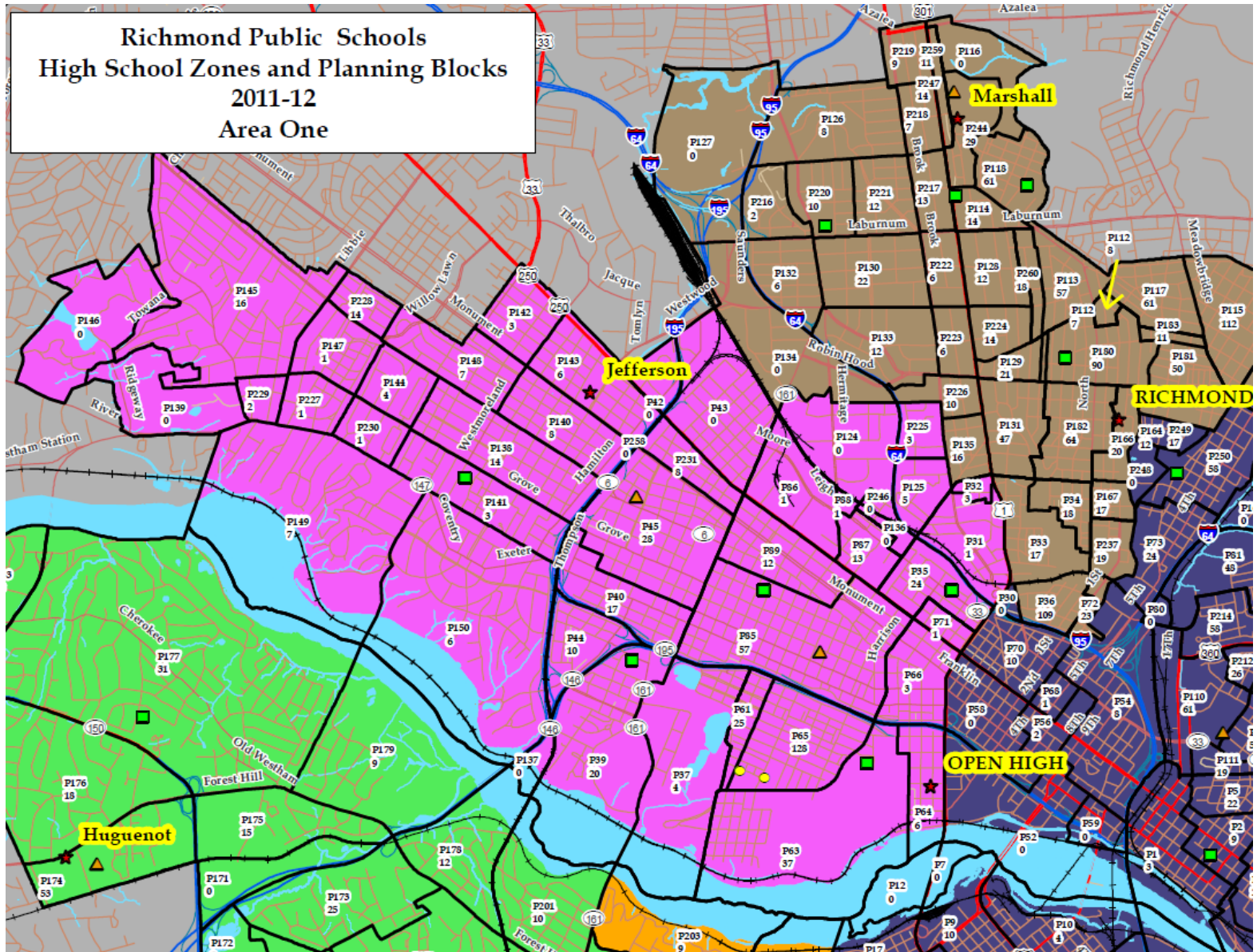
Map 10. Richmond Public Schools: Middle School Zones and Planning Blocks, 2011-12 Area Two

The detail below is similar to the previous map, but it shows the number of middle school students (6-8th) in each Planning Block in the southeast corner of Area Two instead of elementary students.



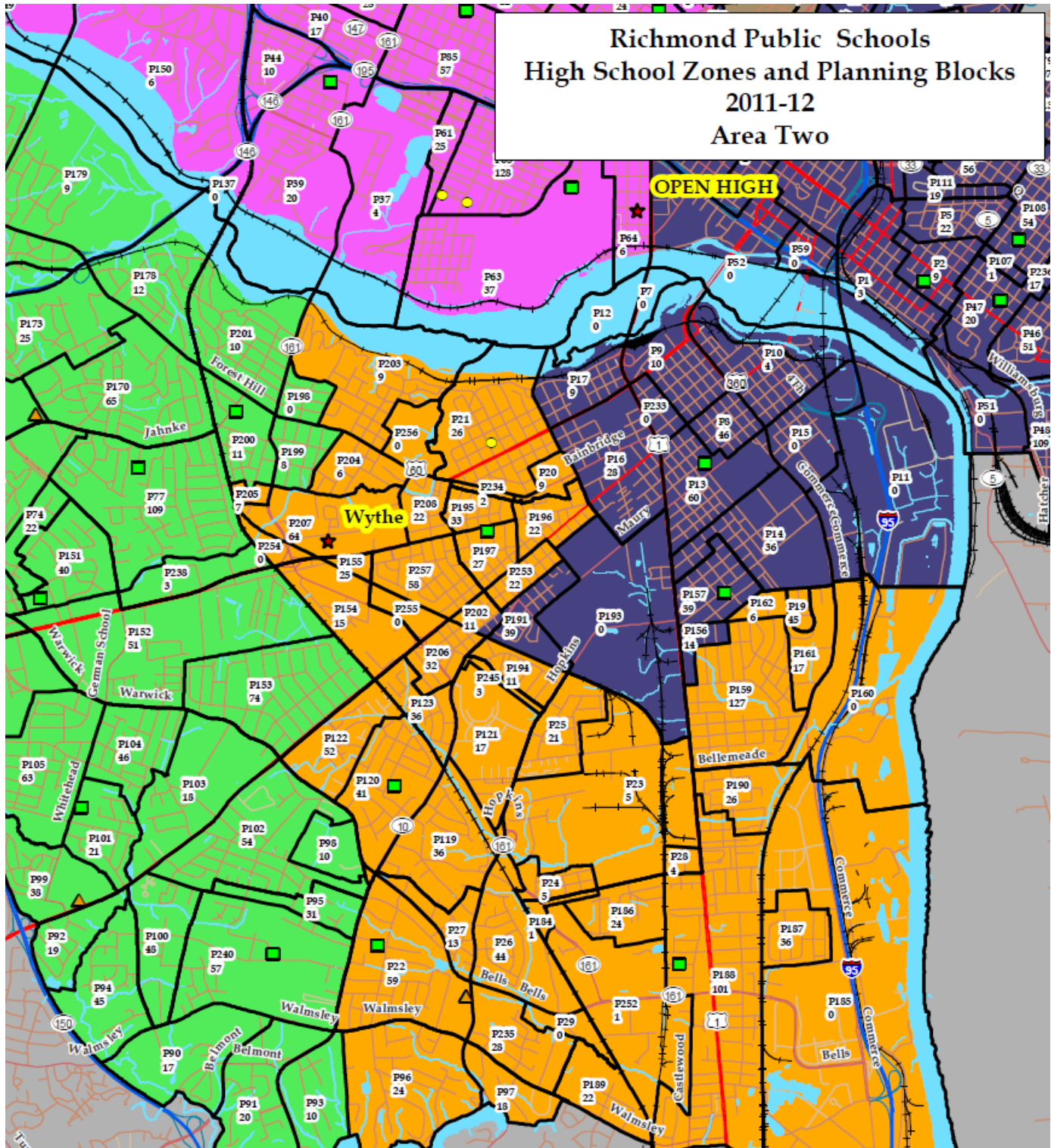
Map 11. Richmond Public Schools: High School Zones and Planning Blocks, 2011-12 Area One

The detail below is similar to the previous maps, but the bottom label shows the number of high school students (9-12th) in each Planning Block in the northwest corner of Area One instead of middle students.



Map 12. Richmond Public Schools: High School Zones and Planning Blocks, 2011-12 Area Two

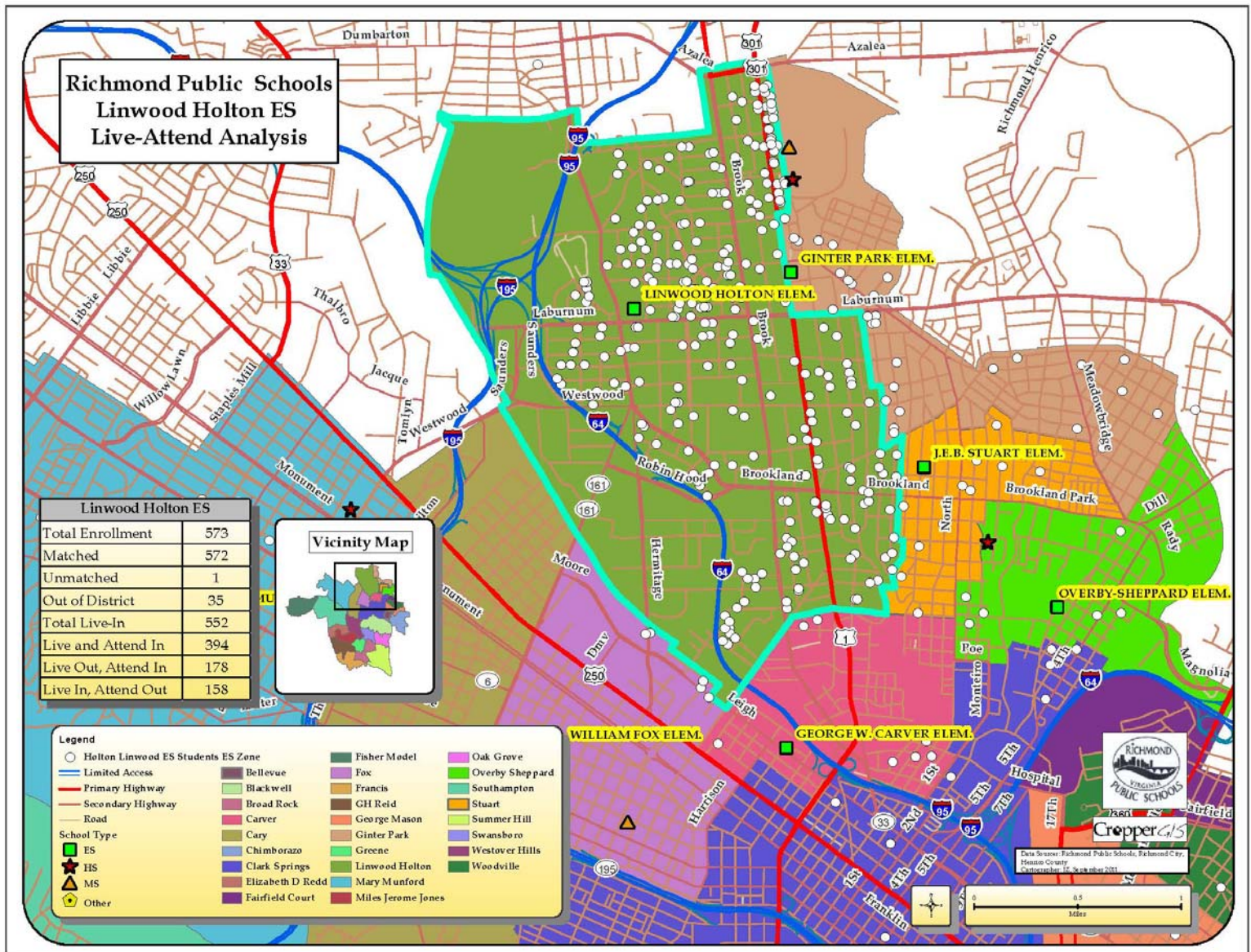
The detail below is similar to the previous map, but it shows the number of high school students (9-12th) in each Planning Block in the southeast corner of Area Two.



This map, like all maps in this series, is included in its entirety in Appendix D.

Series 3: Live Attend Analysis

The map below depicts an example of a Live Attend map. The white dots represent student locations, depending on which school is being analyzed in the map. Also, please note that each white dot represents a student's address, at which, multiple students could reside. Therefore, counting the number of dots shown on the map might not reflect the student population accurately.



The following page describes how to read the table and analyze this map.

Each map has a table listing various statistics about the student data in this region. Here is an example guide for reading this table:

Linwood Holton ES	
Total Enrollment	573
Matched	572
Unmatched	1
Out of District	35
Total Live-In	552
Live and Attend In	394
Live Out, Attend In	178
Live In, Attend Out	158

Total Enrollment - number of students attending Linwood Holton ES.

Matched - number of students attending Linwood Holton ES whose addresses were located by the GIS, and placed on the map.

Unmatched - number of students whose addresses were not able to be located, and have not been placed on the map.

Out of District - number of students who live outside of the Richmond Public School District, yet attend this school.

Total Live-In - number of students who live within the school's attendance boundary, who are in the same grade cohort as the school. The grade cohort can change from school to school, depending on the population served. In this case, Linwood Holton

ES enrolls PK through 5th grade students. Therefore, the 'total-live in' statistic here indicates there are 552 PK-5th grade students living within the Linwood Holton elementary attendance boundary.

Live and Attend In - number of students (PK-5th grade) who live within the attendance boundary, and also attend that school. In this example, 394 of 552 PK-5th grade students who live within the Linwood Holton ES attendance boundary also attend Linwood Holton ES.

Live Out, Attend In - number of PK-5th grade students who live outside of the Linwood Holton ES attendance boundary, but attend Linwood Holton ES. Any student records that are unmatched are not included in this count, since it is not known whether or not these unmatched students live within or outside the attendance boundary in question. Due to the methods used to calculate the statistics in this table, this is the only circumstance where this is relevant.

Live In, Attend Out - number of PK-5th grade students who live inside the Linwood Holton ES attendance boundary, yet attend a different elementary school.

**Appendix A: Attendance Boundary Study Committee
Application Materials**



Richmond Public Schools 2011 Rezoning Application

The Richmond Public Schools is inviting the public to apply for committee membership for the upcoming rezoning study. The objective in developing this redistricting committee is to form a group of members who equally represent various areas of the city. The Richmond Public Schools is seeking 30-35 members to sit on the rezoning committee. The rezoning committee will focus on providing rezoning scenarios for all school levels (elementary, middle, and high school).

The project is expected to run from October 2011 through June 2012. This committee will be charged with developing rezoning recommendations which include:

- Two (2) new elementary schools (open January 2013) as a result of "Build Better Richmond" program
- One (1) new elementary school (planned for 2013) at the Overby-Sheppard Elementary school site as part of the RRHA master planning process.
- One (1) new middle school planned to open in January 2014.
- One (1) new high school planned to open in January 2015.

In addition to new school construction, there are current imbalances in building utilization across the district that need to be addressed. In areas where there is excessive school capacity, school consolidation could be included when developing scenarios. Given the new construction and existing imbalances, any student in Richmond Public Schools could be affected by the rezoning study, although the focus will be to minimize the impact.

Beginning in October 2011, committee members will be asked to attend at least one (1) meeting per month. Meetings are scheduled to last two (2) hours long, and will begin at approximately 6:00 pm. It is possible that committee members could be asked to attend additional meetings if necessary. In addition to the meeting commitment, committee members will be asked to review materials and information about the schools in between meetings, assist in facilitating community forums, and present information to the School Board.

The goal of committee membership is to have a good spread of geographic distribution amongst the members. Committee members' knowledge of the general area they live in will be very important as rezoning scenarios are developed. Committee members are not representing a school per-se, but more of a general area where they live.

Members of this committee will be expected to commit a significant amount of time to this project.

Interested candidates are asked to fill out the application on the following page. Applications will be reviewed by the rezoning study consultant, and selections will be made with the objective of obtaining equal representation at all school levels (elementary, middle, and high school). It is important that the distribution of committee membership spans the city so that all areas are represented.

Please forward your completed application to:

Andy Hawkins
Chief Operating Officer
301 North Ninth Street, 17th Floor
Richmond, VA 23219

Applications can also be faxed to (804) 780-6208 or emailed to phawkins@richmond.k12.va.us.

Applicants who are selected for the committee will be notified by mail.

Applications are due October 10, 2011



2011 Rezoning Committee Application (Page 1 of 2)

Name: _____

Address: _____

Email: _____

Telephone: _____

Preferred method of communication: Email Phone

1. What school/s are you affiliated with?

2. What is your affiliation (please check all that apply)?

Resident with no children Parent/Grandparent of previous RPS student

Parent Grandparent

Other _____

3. Describe any current and/or previous involvement with Richmond Public Schools (former committees, employee, PTA, etc).

4. What are three major strengths of Richmond Public Schools?

5. What are three major challenges of Richmond Public Schools?



2011 Redistricting Committee Application (Page 2 of 2)

6. What skills or interests would you bring to the 2011 Rezoning Committee?

7. The rezoning committee will be focused on all school levels (Elementary, Middle, and High School), although the committee will have a balance of members who are experienced/interested in the specific levels. Which school level are you primarily interested in? Please indicate 1st, 2nd, 3rd Choice by writing in the appropriate priority number in each box.

High School

Middle School

Elementary School

8. Are you able to make the time commitment required for participation on this committee as outlined on the previous page?

Yes No

9. How long have you lived in Richmond City?

Signature: _____

Date: _____

Appendix B: Enrollment by School, 2002-2011

RPS Enrollment by Elementary School, 2002-2003 School Year through 2011-2012

School Name	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
A. V. NORRELL ELEM.	403	343	311	300	214					
BELLEVUE MODEL ELEM.	292	312	323	297	318	302	305	314	320	322
BLACKWELL ELEM.	514	485	461	510	572	627	661	633	753	737
BROAD ROCK ELEM.	403	363	354	353	332	343	326	339	359	336
CHIMBORAZO ELEM.	535	423	429	454	555	575	556	560	553	508
CLARK SPRINGS ELEM.	373	348	361	334	169	211	198	218	369	334
E. S. H. GREENE ELEM.	454	444	419	481	463	453	435	434	432	428
ELIZABETH D. REDD ELEM.	429	448	453	484	477	464	487	459	425	437
FAIRFIELD COURT ELEM.	368	365	346	339	398	496	511	482	564	456
G. H. REID ELEM.	661	625	591	622	600	531	554	550	585	574
GEORGE MASON ELEM.	440	381	319	276	378	459	474	482	531	437
GEORGE W. CARVER ELEM.	612	547	571	456	484	508	498	497	561	479
GINTER PARK ELEM.	561	533	552	506	505	533	538	523	553	572
J. B. FISHER ELEM.	374	367	364	396	428	391	363	355	327	322
J. E. B. STUART ELEM.	487	454	423	390	345	358	362	351	310	488
J. L. FRANCIS ELEM.	515	498	513	488	531	517	517	507	511	304
JOHN B. CARY ELEM.	315	300	306	303	323	311	287	255	219	210
LINWOOD HOLTON ELEM	536	492	471	517	490	502	515	533	569	573
MARY MUNFORD ELEM.	445	490	514	512	512	515	551	556	517	522
MAYMONT ELEM.	257	223	216	204	170	207	203	191	235	378
MILES JONES ELEM	484	487	520	526	517	548	506	486	546	525
OAK GROVE/BELLEMEADE	428	408	438	439	425	402	410	380	409	386
OVERBY-SHEPPARD ELEM.	428	390	374	346	390	367	313	350	362	343
PATRICK HENRY ELEM.	294	265	264	241						
SOUTHAMPTON ELEM.	433	410	380	414	421	416	414	439	507	512
SUMMER HILL/RUFFIN ROA	498	503	470	466	481	482	508	557	506	507
SWANSBORO ELEM.	331	351	313	304	359	325	328	304	319	337
WESTOVER HILLS ELEM.	389	421	397	392	404	385	368	369	320	324
WHITCOMB COURT ELEM.	359	363	401	374						
WILLIAM FOX ELEM.	467	485	491	449	444	460	454	433	441	433
WOODVILLE ELEM.	579	506	469	448	604	627	562	571	564	485

RPS Enrollment by Middle School, 2002-2003 School Year through 2011-2012

School Name	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
ALBERT HILL MIDDLE	460	471	467	454	458	486	514	499	502	489
BINFORD MIDDLE	555	532	515	538	543	490	453	423	422	408
CHANDLER MIDDLE	521	557	533	507	443	355	304			
ELKHARDT MIDDLE	517	511	530	555	519	492	471	438	445	413
FRED D. THOMPSON MIDDLE	731	711	699	598	591	601	554	615	563	565
HENDERSON MIDDLE	667	573	627	576	531	545	528	677	604	610
LUCILLE M. BROWN MIDDLE	678	718	720	696	696	685	694	701	727	708
MARTIN LUTHER KING JR. MIDDLE	592	479	880	797	715	612	553	667	731	667
ONslow MINNIS MIDDLE	483	449								
THOMAS C. BOUSHALL MIDDLE	761	774	789	711	625	473	411	435	429	418

RPS Enrollment by High School, 2002-2003 School Year through 2011-2012

School Name	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
ARMSTRONG HIGH SCHOOL	718	705	1272	1146	1,161	1,158	1,170	1,056	1,062	905
FRANKLIN MILITARY ACADEMY	184	151	223	216	197	202	192	296	375	356
GEORGE WYTHE HIGH	1,114	1143	1091	1129	1,172	1,120	1,031	984	1,005	821
HUGUENOT HIGH	1,203	1209	1237	1271	1,306	1,318	1,302	1,260	1,170	1105
JOHN MARSHALL HIGH	836	915	901	978	991	955	947	976	956	891
OPEN HIGH	184	177	177	182	171	167	192	191	190	189
RICHMOND COMMUNITY HIGH	202	212	206	203	220	227	206	243	272	266
THOMAS JEFFERSON HIGH	745	725	741	750	820	840	839	868	842	811

Appendix C: School Capacities

During the Data Collection phase of the study, Cropper GIS met with each individual RPS principal in the district. During these meetings the floor plans of each school were reviewed to understand how many rooms are available and how they are currently being utilized. The data that was collected from these meetings was then used to calculate the capacities of each school. The following tables show the capacity for Elementary, Middle, and High. The district has chosen the RPS functional capacity as the number to use in the enrollment vs. capacity calculations.

RPS Elementary School Capacities 2011-2012			
School Name	RPS Functional*	RPS Max**	State Max***
AMELIA STREET SP. ED.	108	108	108
BELLEVUE ELEM.	423	489	569
BLACKWELL ELEM.	632	731	886
BLACKWELL ANNEX	264	306	306
BROAD ROCK ELEM. (NEW)	650	650	650
BROAD ROCK ELEM.	371	434	514
CHIMBORAZO ELEM.	605	707	842
CLARK SPRINGS ELEM.	372	432	507
E.S.H. GREENE ELEM.	394	463	558
ELIZABETH D. REDD ELEM.	507	591	721
FAIRFIELD COURT ELEM.	539	623	758
G.H. REID ELEM.	676	784	929
GEORGE MASON ELEM.	601	691	841
GEORGE W. CARVER ELEM.	773	890	1075
GINTER PARK ELEM.	441	495	625
MARY SCOTT ANNEX	219	267	282
J.B. FISHER ELEM.	439	508	623
J.E.B. STUART ELEM.	463	535	645
J.L. FRANCIS ELEM.	586	682	842
JOHN B. CARY ELEM.	441	507	632
LINWOOD HOLTON ELEM.	592	685	810
MARY MUNFORD ELEM.	470	548	618
MAYMONT PRE-K CENTER	237	270	270
MILES JONES ELEM.	592	685	810
OAK GROVE/BELLEMEADE ELEM.	336	390	475
OAK GROVE NEW.	650	650	650
OVERBY-SHEPPARD ELEM.	496	553	653
SOUTHAMPTON ELEM.	536	620	735
SUMMER HILL/RUFFIN ROAD ELEM.	583	679	824
SWANSBORO ELEM.	338	392	467
WESTOVER HILLS ELEM.	410	476	576
WILLIAM FOX ELEM.	495	579	699
WOODVILLE ELEM.	641	740	900

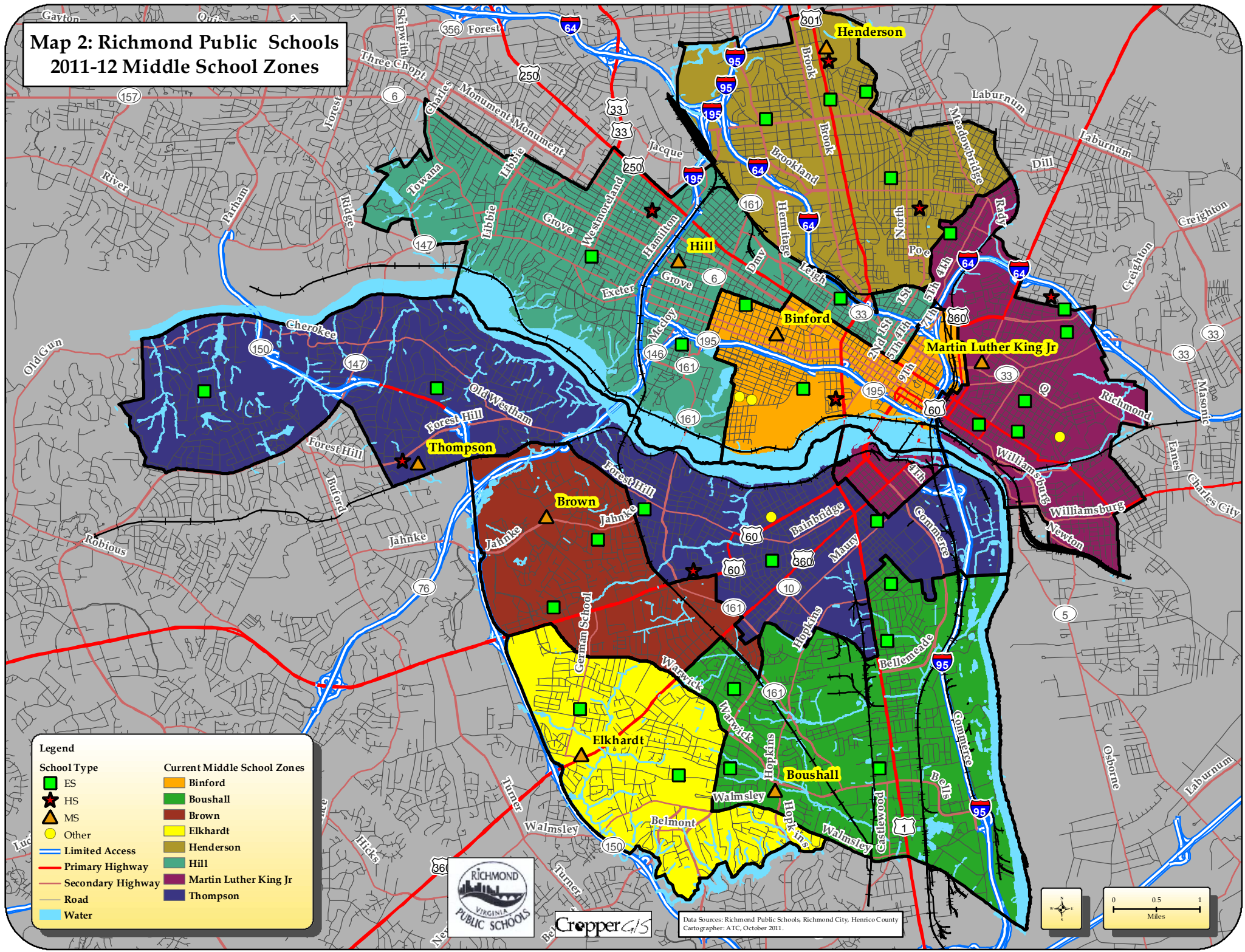
RPS Middle School Capacities 2011-2012			
School Name	RPS Functional*	RPS Max**	State Max***
ALBERT HILL MIDDLE	617	695	865
BINFORD MIDDLE	529	595	740
ELKHARDT MIDDLE	564	636	786
FRED D. THOMPSON MIDDLE	921	1038	1298
HENDERSON MIDDLE	922	1033	1263
LUCILLE M. BROWN MIDDLE	828	936	1176
MARTIN LUTHER KING JR. MIDDLE	700	800	900
MARTIN LUTHER KING JR. MIDDLE (NEW)	800	800	800
THOMAS C. BOUSHALL MIDDLE	863	977	1217

RPS High School Capacities 2011-2012			
School Name	RPS Functional*	RPS Max**	State Max***
ADULT CAREER DEVELOPMENT CENTER	700	799	939
ARMSTRONG HIGH	1160	1296	1521
FRANKLIN MILITARY ACADEMY	704	800	960
GEORGE WYTHE HIGH	1260	1422	1692
HUGUENOT HIGH	1200	1350	1600
HUGUENOT HIGH (NEW)	1400	1400	1400
JOHN MARSHALL HIGH	1067	1199	1419
OPEN HIGH	220	250	300
PATRICK HENRY SCHOOL OF SCIENCE AND ARTS	200	350	500
RICHMOND ALTERNATIVE	350	450	600
RICHMOND COMMUNITY HIGH	748	850	1020
THOMAS JEFFERSON HIGH	1304	1472	1752

Appendix E: Maps

- Map 1: Richmond Public Schools: 2011-2012 Elementary Zones
- Map 2: Richmond Public Schools: 2011-2012 Middle School Zones
- Map 3: Richmond Public Schools: 2011-2012 High School Zones
- Map 4: Richmond Public Schools: 2011-2012 Elementary School Membership vs. Capacity
- Map 5: Richmond Public Schools: 2011-2012 Middle School Membership vs. Capacity
- Map 6: Richmond Public Schools: 2011-2012 High School Membership vs. Capacity
- Map 7: Richmond Public Schools: Number of Elementary Students per Planning Block, 2011-12 Area One
- Map 8: Richmond Public Schools: Number of Elementary Students per Planning Block, 2011-12 Area Two
- Map 9: Richmond Public Schools: Number of Middle School Students per Planning Block, 2011-12 Area One
- Map 10: Richmond Public Schools: Number of Middle School Students per Planning Block, 2011-12 Area Two
- Map 11: Richmond Public Schools: Number of High School Students per Planning Block, 2011-12 Area One
- Map 12: Richmond Public Schools: Number of High School Students per Planning Block, 2011-12 Area Two
- Map 13: Richmond Public Schools: New Buildings/Construction, 2011-2015
- Maps 14- 54 : Richmond Public Schools: Live Attend Analysis Maps

Map 2: Richmond Public Schools 2011-12 Middle School Zones

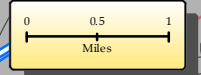


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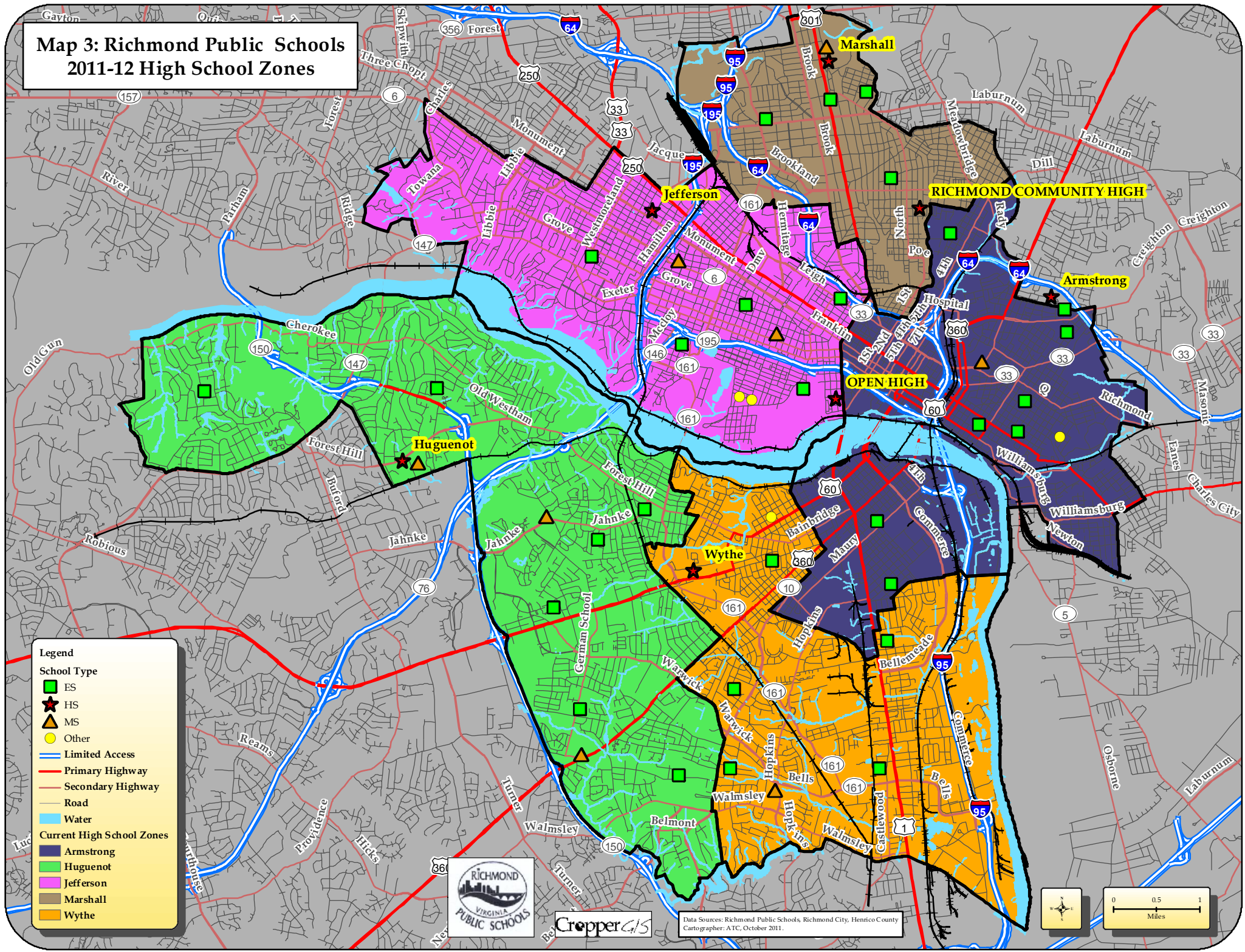
School Type	Current Middle School Zones
ES	Binford
HS	Boushall
MS	Brown
Other	Elkhardt
Limited Access	Henderson
Primary Highway	Hill
Secondary Highway	Martin Luther King Jr
Road	Thompson
Water	



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



Map 3: Richmond Public Schools 2011-12 High School Zones



Legend

School Type

- ES
- ★ HS
- ▲ MS
- Other

Line Types

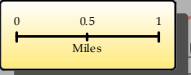
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- Water

Current High School Zones

- Armstrong
- Huguenot
- Jefferson
- Marshall
- Wythe

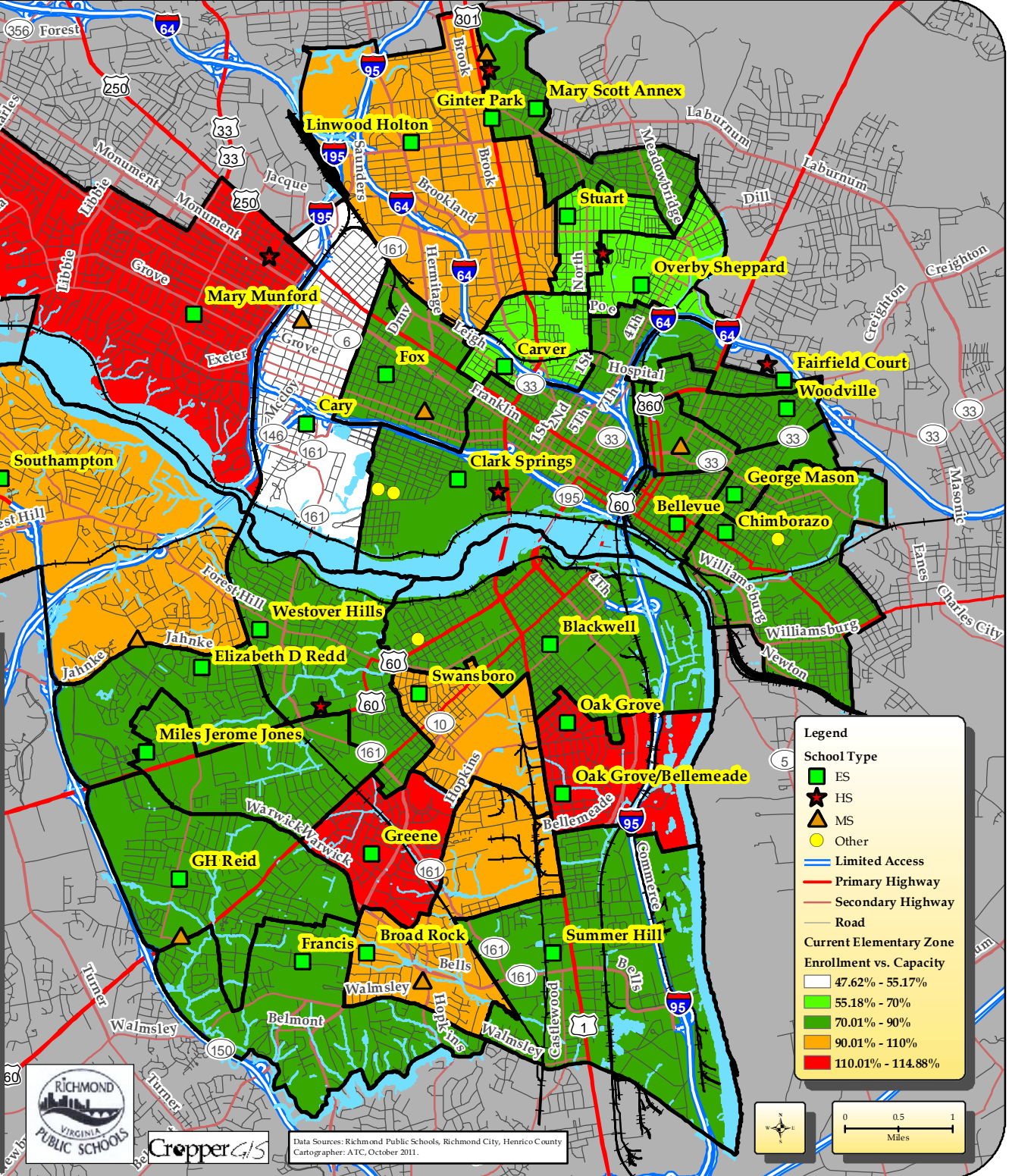


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



**Map 4: Richmond Public Schools
2011-12 Elementary School Utilization
Using RPS Functional Capacity**

School Name	Total Enrollment	RPS Functional*	RPS Max**	State Max***	Enroll vs Capacity
Bellevue	322	423	489	569	76.12%
Broad Rock	336	371	434	514	90.57%
Chimborazo	508	605	707	842	83.97%
Clark Springs	334	372	432	507	89.78%
Elizabeth D Redd	428	507	591	721	84.42%
Greene	437	394	463	558	110.91%
Fairfield Court	456	539	623	758	84.60%
GH Reid	574	676	784	929	84.91%
George Mason	437	601	691	841	72.71%
Carver	479	773	890	1075	61.97%
Ginter Park	572	660	762	907	86.67%
Fisher Model	322	439	508	623	73.35%
Francis	488	586	682	842	83.28%
Stuart	304	463	535	645	65.66%
Blackwell	737	896	1037	1192	82.25%
Cary	210	441	507	632	47.62%
Linwood Holton	573	592	685	810	96.79%
Mary Munford	522	470	548	618	111.06%
Miles Jerome Jones	525	592	685	810	88.68%
Oak Grove	386	336	390	475	114.88%
Overby Sheppard	343	496	553	653	69.15%
Southampton	512	536	620	735	95.52%
Summer Hill	507	583	679	824	86.96%
Swansboro	337	338	392	467	99.70%
Westover Hills	324	410	476	576	79.02%
Fox	433	495	579	699	87.47%
Woodville	485	641	740	900	75.66%



Legend

School Type

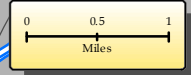
- ES (Green square)
- HS (Black star)
- MS (Yellow triangle)
- Other (Yellow circle)

Current Elementary Zone Enrollment vs. Capacity

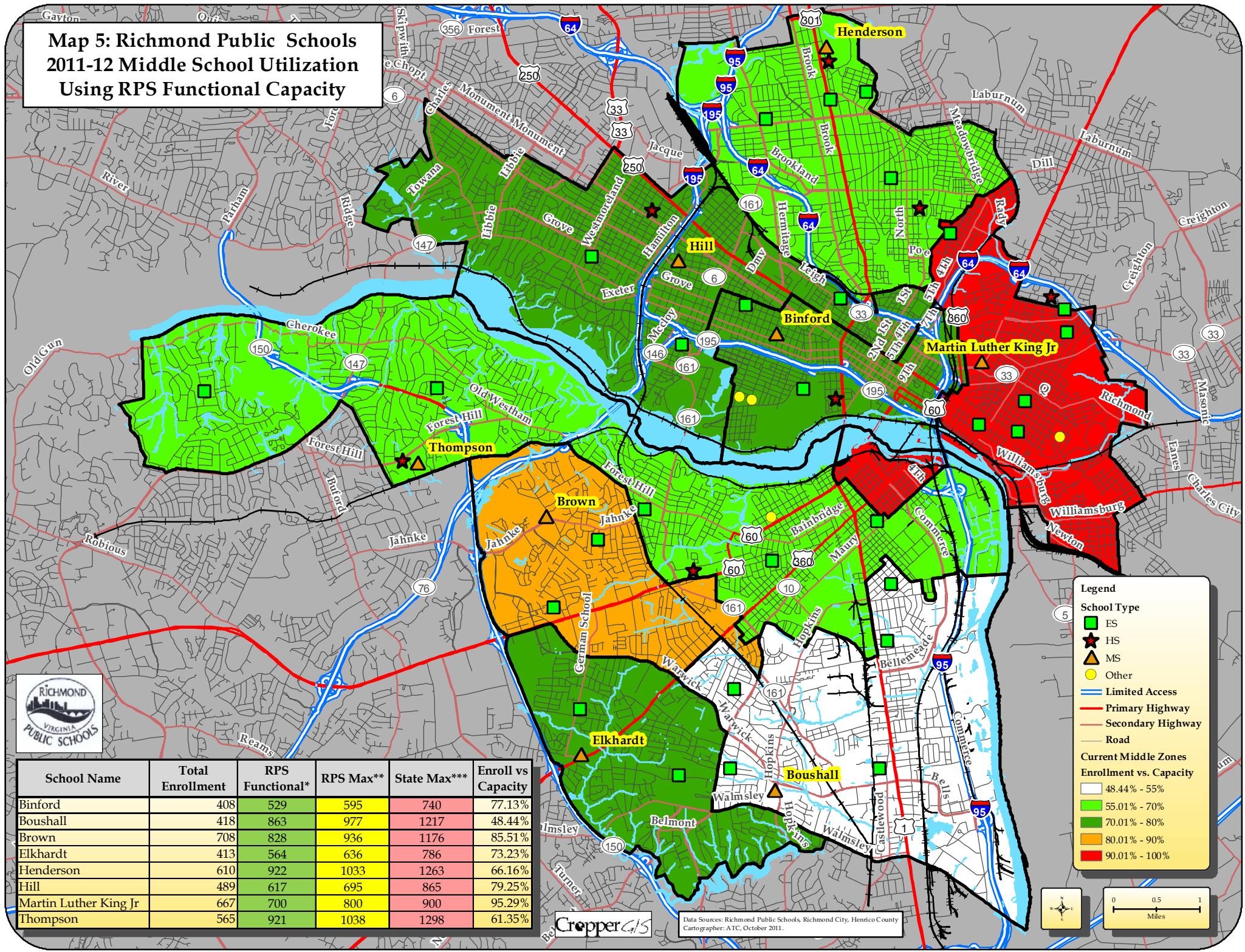
- 47.62% - 55.17%
- 55.18% - 70%
- 70.01% - 90%
- 90.01% - 110%
- 110.01% - 114.88%



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



**Map 5: Richmond Public Schools
2011-12 Middle School Utilization
Using RPS Functional Capacity**



School Name	Total Enrollment	RPS Functional*	RPS Max**	State Max***	Enroll vs Capacity
Binford	408	529	595	740	77.13%
Boushall	418	863	977	1217	48.44%
Brown	708	828	936	1176	85.51%
Elkhardt	413	564	636	786	73.23%
Henderson	610	922	1033	1263	66.16%
Hill	489	617	695	865	79.25%
Martin Luther King Jr	667	700	800	900	95.29%
Thompson	565	921	1038	1298	61.35%

Legend

School Type

- ES (Green Square)
- HS (Black Star)
- MS (Yellow Triangle)
- Other (Yellow Circle)

Current Middle Zones Enrollment vs. Capacity

- 48.44% - 55% (Lightest Green)
- 55.01% - 70% (Light Green)
- 70.01% - 80% (Medium Green)
- 80.01% - 90% (Orange)
- 90.01% - 100% (Red)

Other Legend Items:

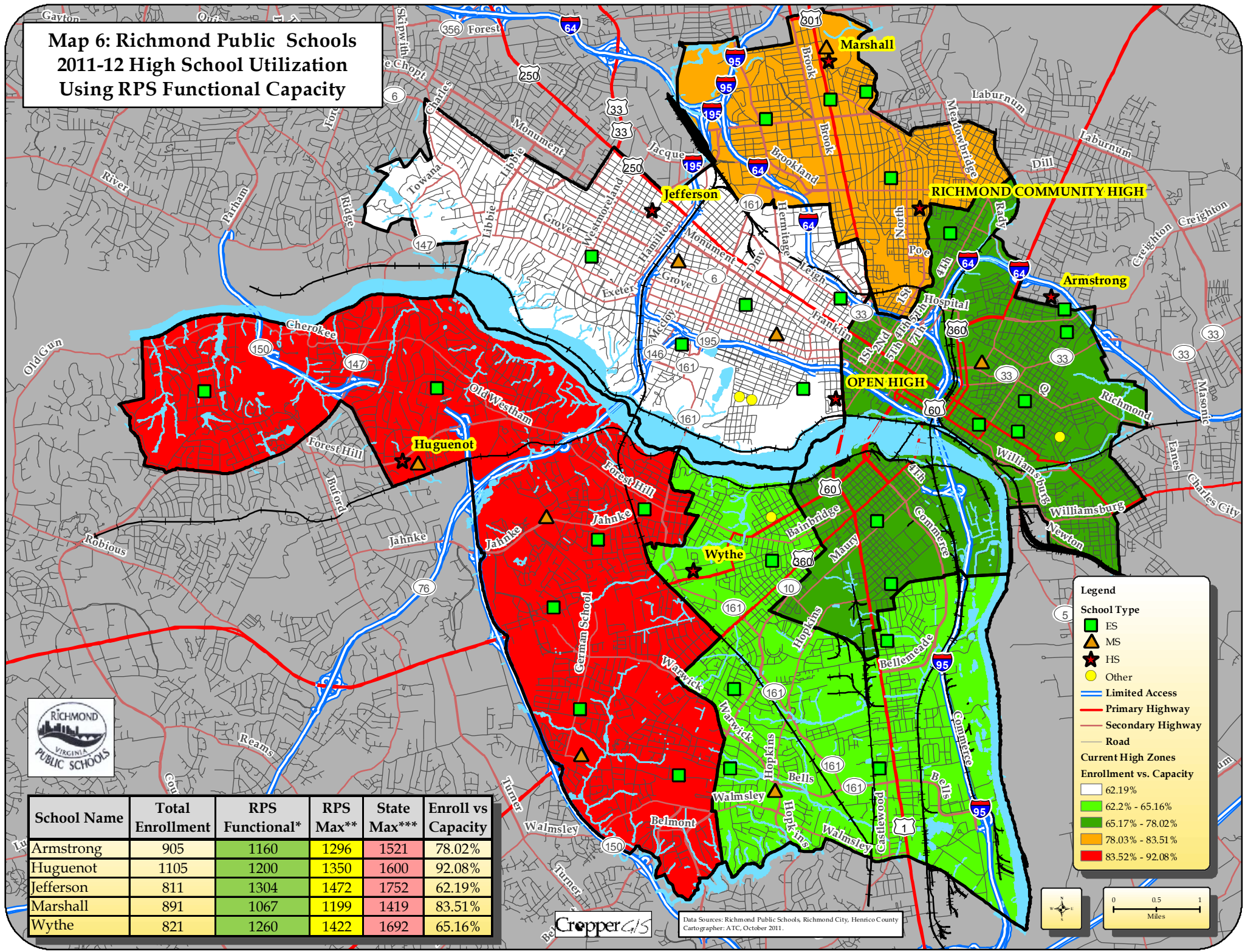
- Limited Access (Blue Line)
- Primary Highway (Red Line)
- Secondary Highway (Black Line)
- Road (Grey Line)



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



**Map 6: Richmond Public Schools
2011-12 High School Utilization
Using RPS Functional Capacity**



School Name	Total Enrollment	RPS Functional*	RPS Max**	State Max***	Enroll vs Capacity
Armstrong	905	1160	1296	1521	78.02%
Huguenot	1105	1200	1350	1600	92.08%
Jefferson	811	1304	1472	1752	62.19%
Marshall	891	1067	1199	1419	83.51%
Wythe	821	1260	1422	1692	65.16%

Legend

School Type

- ES
- ▲ MS
- ★ HS
- Other

Current High Zones

- 62.19%
- 62.2% - 65.16%
- 65.17% - 78.02%
- 78.03% - 83.51%
- 83.52% - 92.08%

Enrollment vs. Capacity

- 62.19%
- 62.2% - 65.16%
- 65.17% - 78.02%
- 78.03% - 83.51%
- 83.52% - 92.08%



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



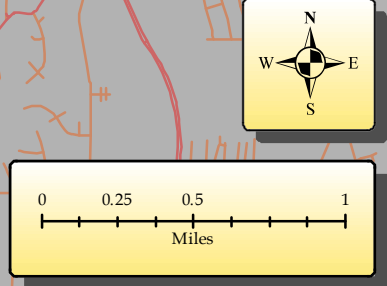
Map 7: Richmond Public Schools Elementary Zones and Planning Blocks 2011-12 Area One

Legend

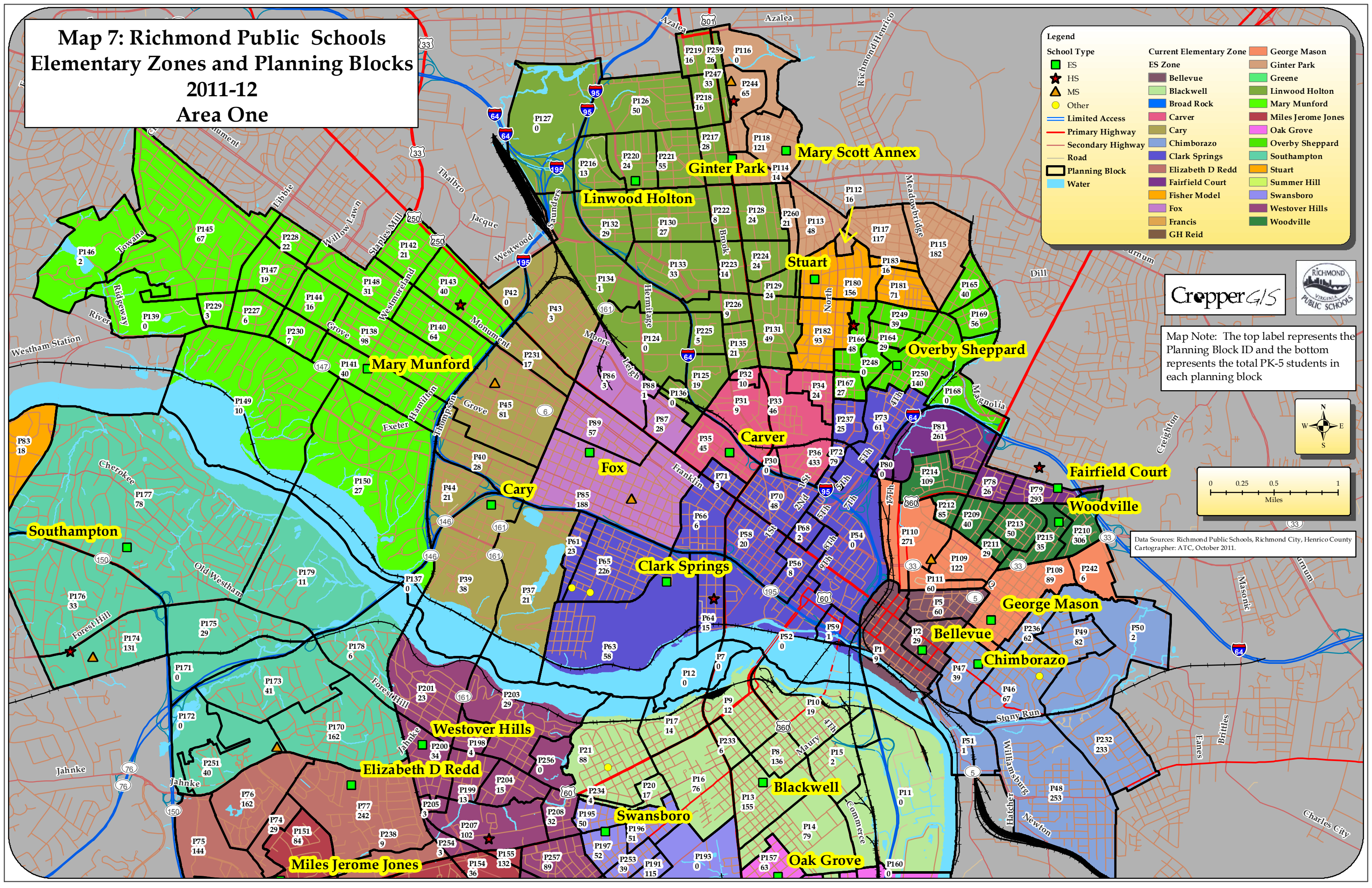
School Type	Current Elementary Zone	George Mason
■ ES	■ Bellevue	■ Ginter Park
★ HS	■ Blackwell	■ Greene
▲ MS	■ Broad Rock	■ Linwood Holton
● Other	■ Carver	■ Mary Munford
— Limited Access	■ Cary	■ Miles Jerome Jones
— Primary Highway	■ Chimborazo	■ Oak Grove
— Secondary Highway	■ Clark Springs	■ Overby Sheppard
— Road	■ Elizabeth D Redd	■ Southampton
▭ Planning Block	■ Fairfield Court	■ Stuart
■ Water	■ Fisher Model	■ Summer Hill
	■ Fox	■ Swansboro
	■ Francis	■ Westover Hills
	■ GH Reid	■ Woodville



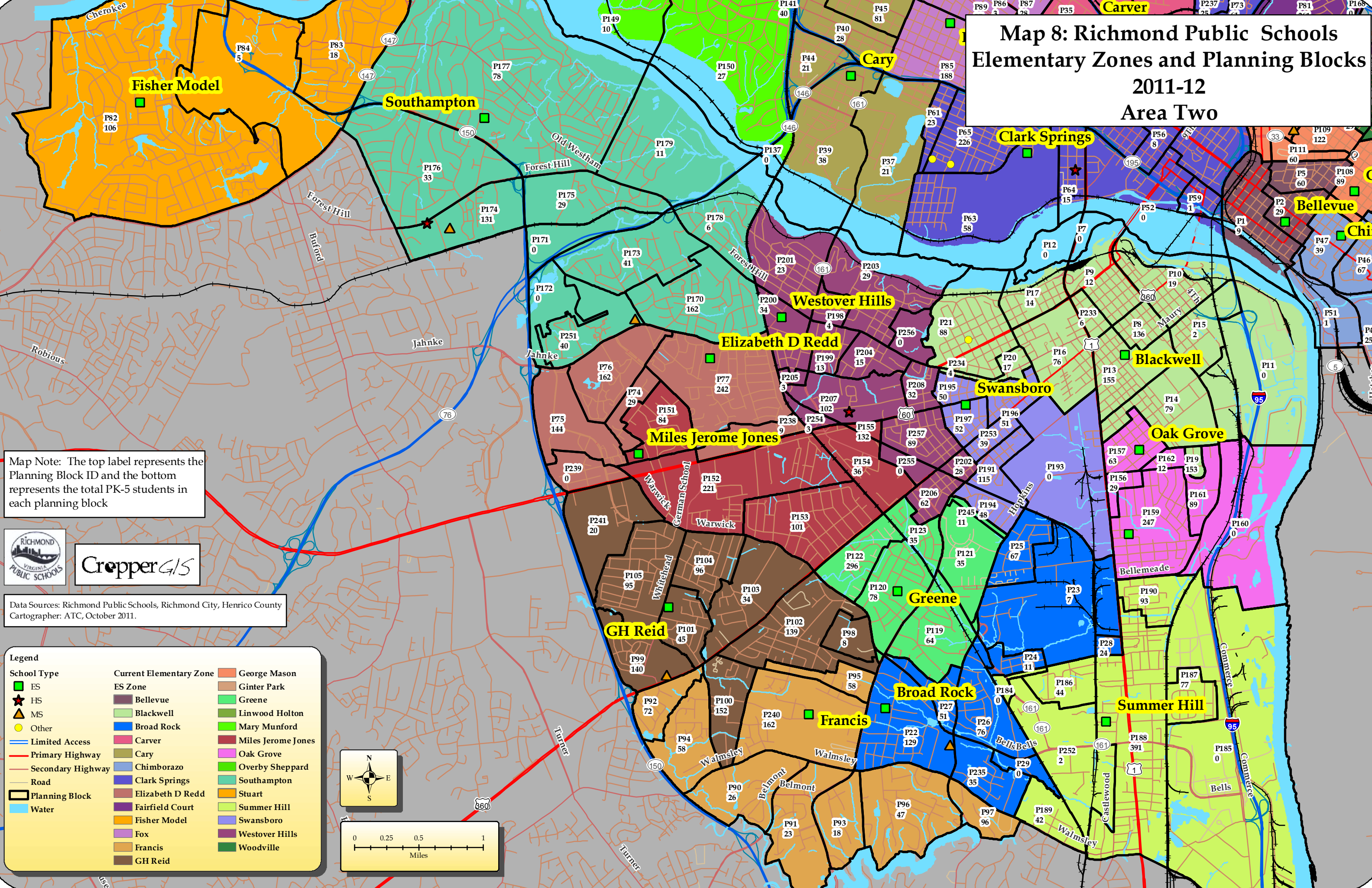
Map Note: The top label represents the Planning Block ID and the bottom represents the total PK-5 students in each planning block



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



Map 8: Richmond Public Schools Elementary Zones and Planning Blocks 2011-12 Area Two



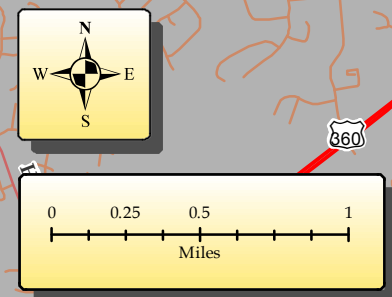
Map Note: The top label represents the Planning Block ID and the bottom represents the total PK-5 students in each planning block



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.

Legend

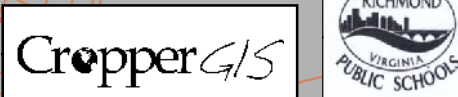
School Type	Current Elementary Zone	George Mason
ES	Bellevue	Ginter Park
HS	Blackwell	Greene
MS	Broad Rock	Linwood Holton
Other	Carver	Mary Munford
Limited Access	Cary	Miles Jerome Jones
Primary Highway	Chimborazo	Oak Grove
Secondary Highway	Clark Springs	Overby Sheppard
Road	Elizabeth D Redd	Southampton
Planning Block	Fairfield Court	Stuart
Water	Fisher Model	Summer Hill
	Fox	Swansboro
	Francis	Westover Hills
	GH Reid	Woodville



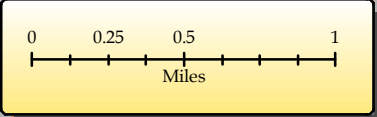
Map 9: Richmond Public Schools Middle School Zones and Planning Blocks 2011-12 Area One

Legend

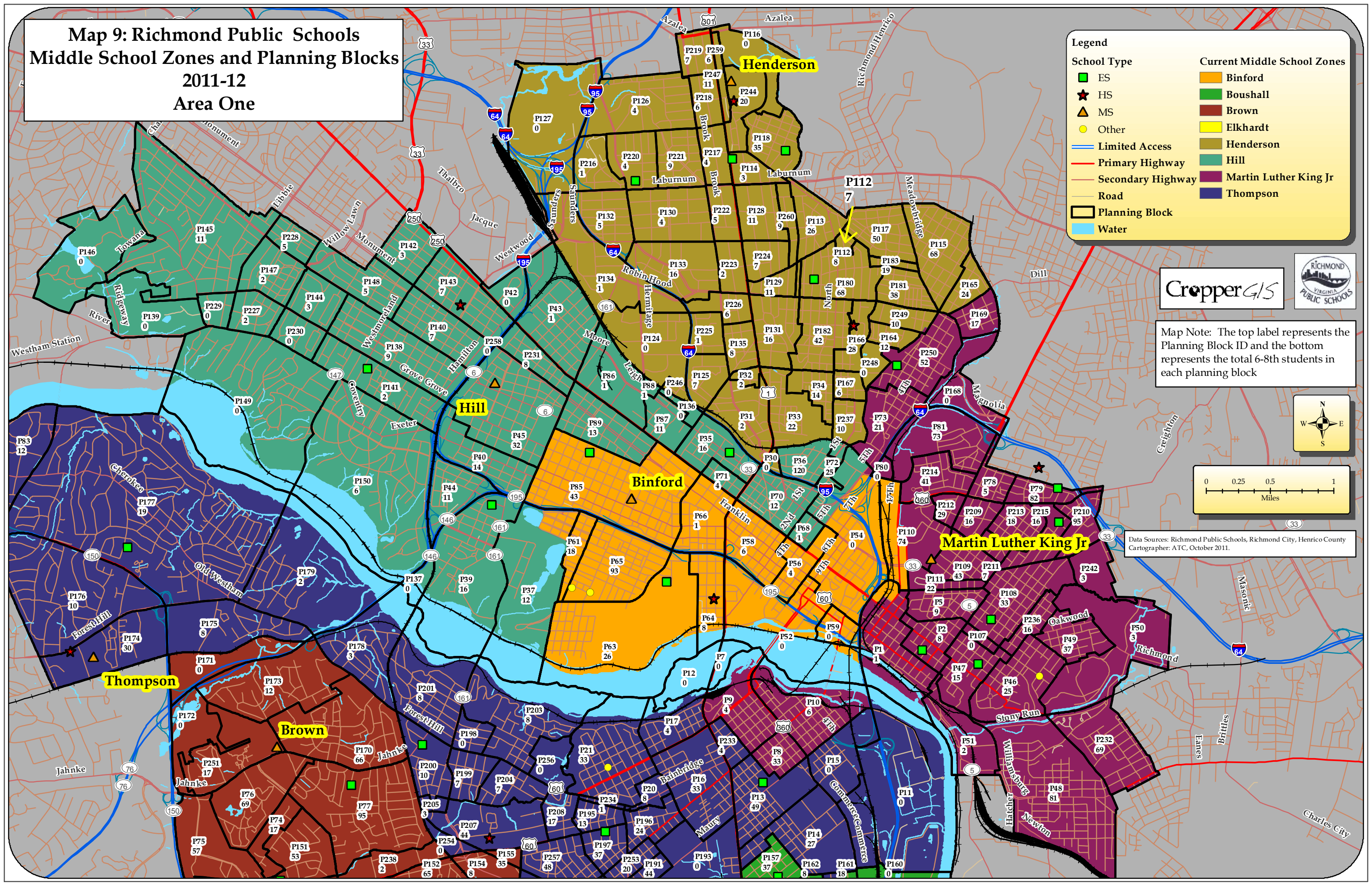
School Type	Current Middle School Zones
■ ES	■ Binford
★ HS	■ Boushall
▲ MS	■ Brown
● Other	■ Elkhardt
— Limited Access	■ Henderson
— Primary Highway	■ Hill
— Secondary Highway	■ Martin Luther King Jr
— Road	■ Thompson
□ Planning Block	
■ Water	



Map Note: The top label represents the Planning Block ID and the bottom represents the total 6-8th students in each planning block



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



Map 10: Richmond Public Schools Middle School Zones and Planning Blocks 2011-12 Area Two

Map Note: The top label represents the Planning Block ID and the bottom represents the total 6-8th students in each planning block

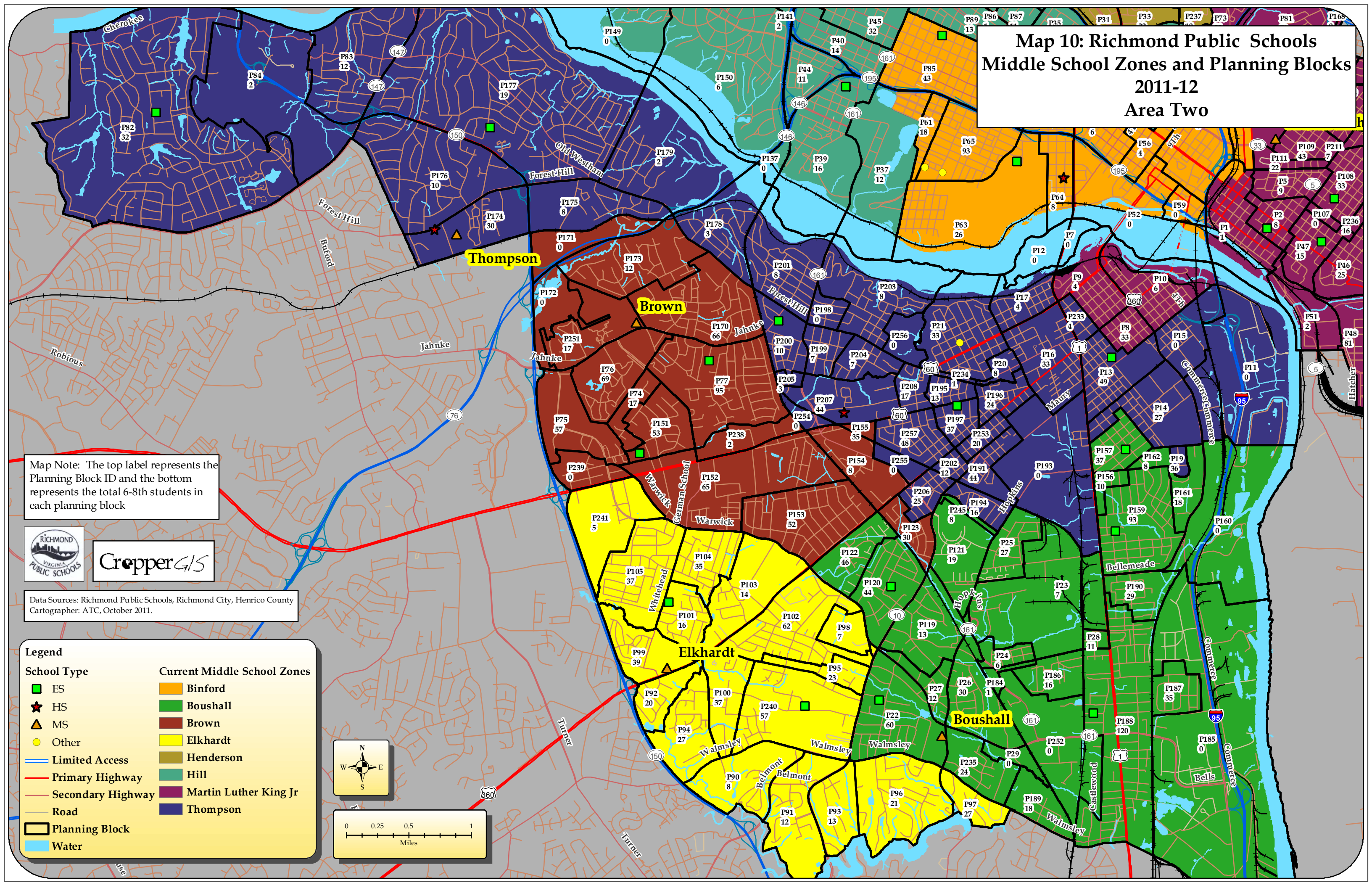
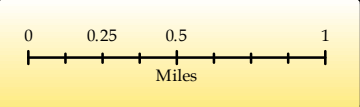


CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.

Legend

School Type	Current Middle School Zones
■ ES	■ Binford
★ HS	■ Boushall
▲ MS	■ Brown
● Other	■ Elkhardt
— Limited Access	■ Henderson
— Primary Highway	■ Hill
— Secondary Highway	■ Martin Luther King Jr
— Road	■ Thompson
□ Planning Block	
■ Water	



Map 11: Richmond Public Schools High School Zones and Planning Blocks 2011-12 Area One

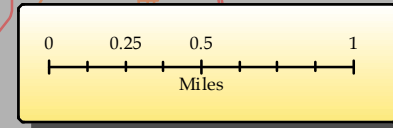
Legend

School Type	Current High School Zones
■ ES	■ Armstrong
★ HS	■ Huguenot
▲ MS	■ Jefferson
● Other	■ Marshall
— Limited Access	■ Wythe
— Primary Highway	
— Secondary Highway	
— Road	
▭ Planning Block	
■ Water	

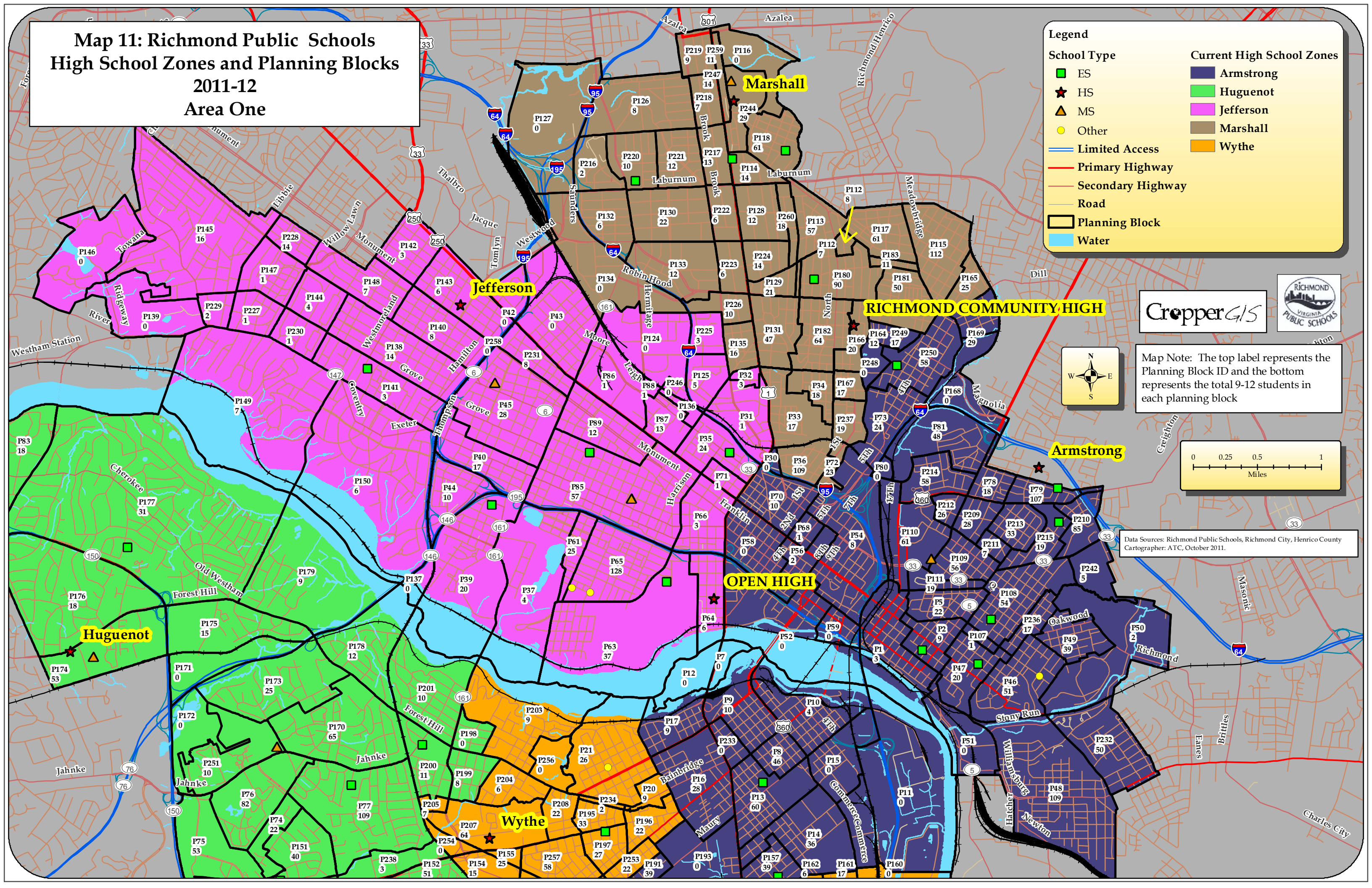
CropperGIS

RICHMOND VIRGINIA PUBLIC SCHOOLS

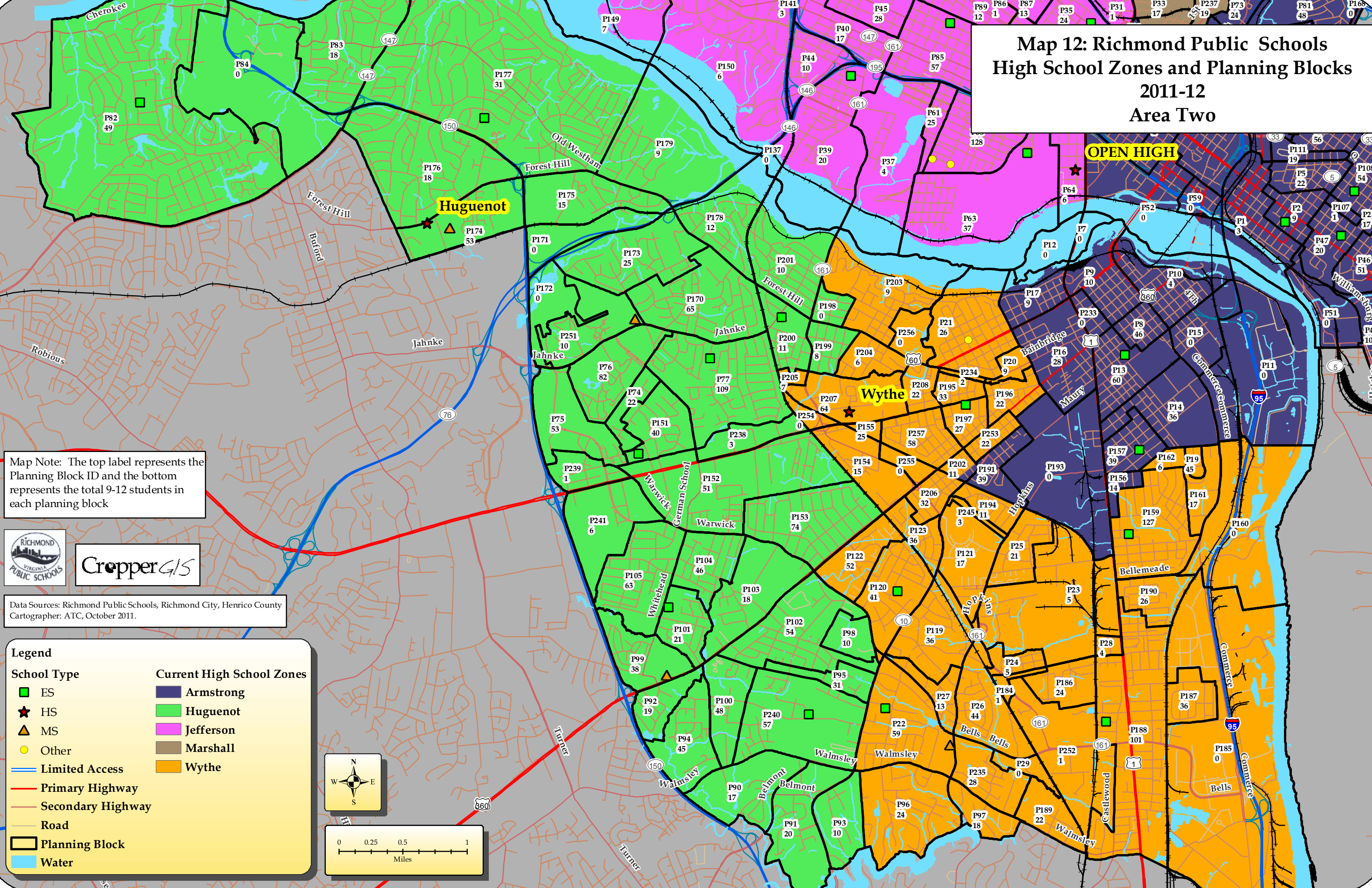
Map Note: The top label represents the Planning Block ID and the bottom represents the total 9-12 students in each planning block



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



Map 12: Richmond Public Schools High School Zones and Planning Blocks 2011-12 Area Two



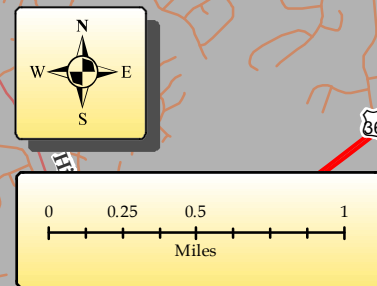
Map Note: The top label represents the Planning Block ID and the bottom represents the total 9-12 students in each planning block



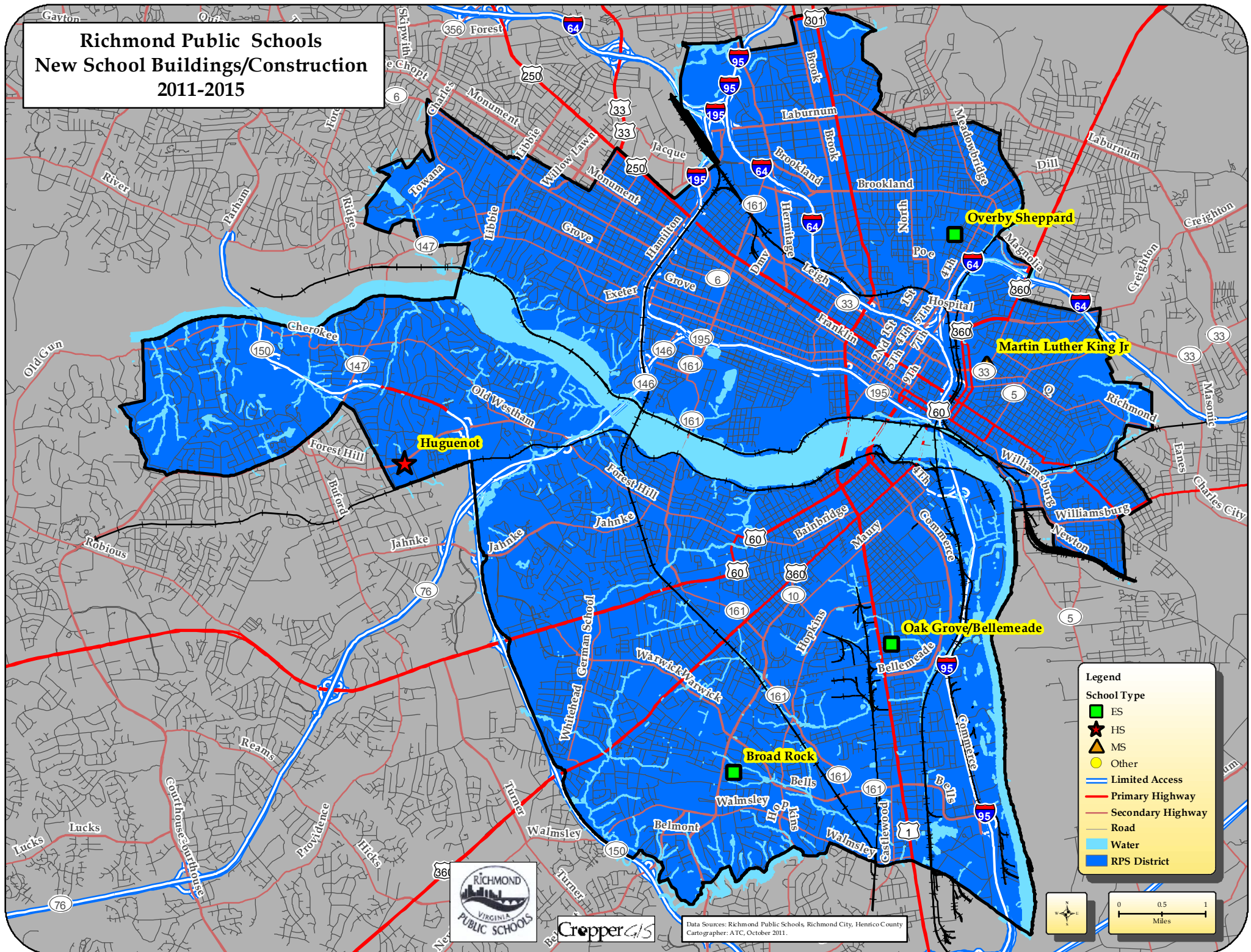
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.

Legend

School Type	Current High School Zones
■ ES	■ Armstrong
★ HS	■ Huguenot
▲ MS	■ Jefferson
● Other	■ Marshall
— Limited Access	■ Wythe
— Primary Highway	
— Secondary Highway	
— Road	
□ Planning Block	
■ Water	



**Richmond Public Schools
New School Buildings/Construction
2011-2015**



Legend

School Type

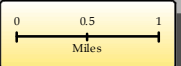
- ES
- ★ HS
- ▲ MS
- Other

Infrastructure

- Limited Access
- Primary Highway
- Secondary Highway
- Road
- Water
- RPS District

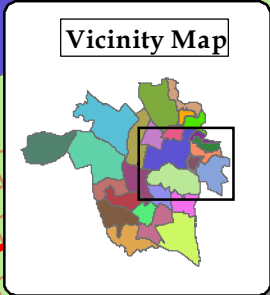


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: ATC, October 2011.



Richmond Public Schools Bellevue ES Live-Attend Analysis

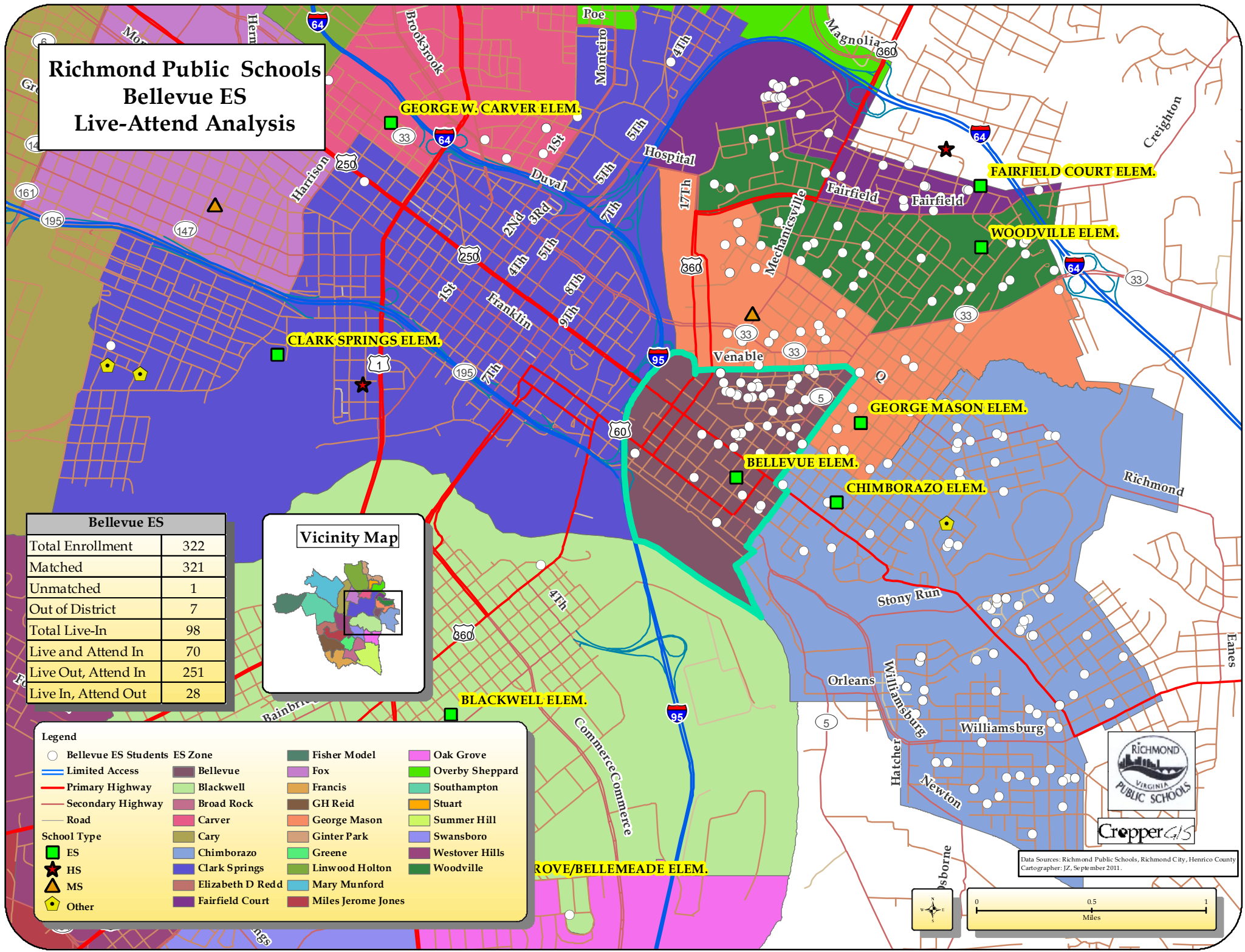
Bellevue ES	
Total Enrollment	322
Matched	321
Unmatched	1
Out of District	7
Total Live-In	98
Live and Attend In	70
Live Out, Attend In	251
Live In, Attend Out	28



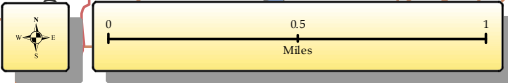
Legend

- Bellevue ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ⬢ Other

ES Zone	Fisher Model	Oak Grove
Bellevue	Fox	Overby Sheppard
Blackwell	Francis	Southampton
Broad Rock	GH Reid	Stuart
Carver	George Mason	Summer Hill
Cary	Ginter Park	Swansboro
Chimborazo	Greene	Westover Hills
Clark Springs	Linwood Holton	Woodville
Elizabeth D Redd	Mary Munford	
Fairfield Court	Miles Jerome Jones	

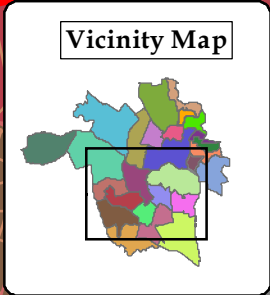


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



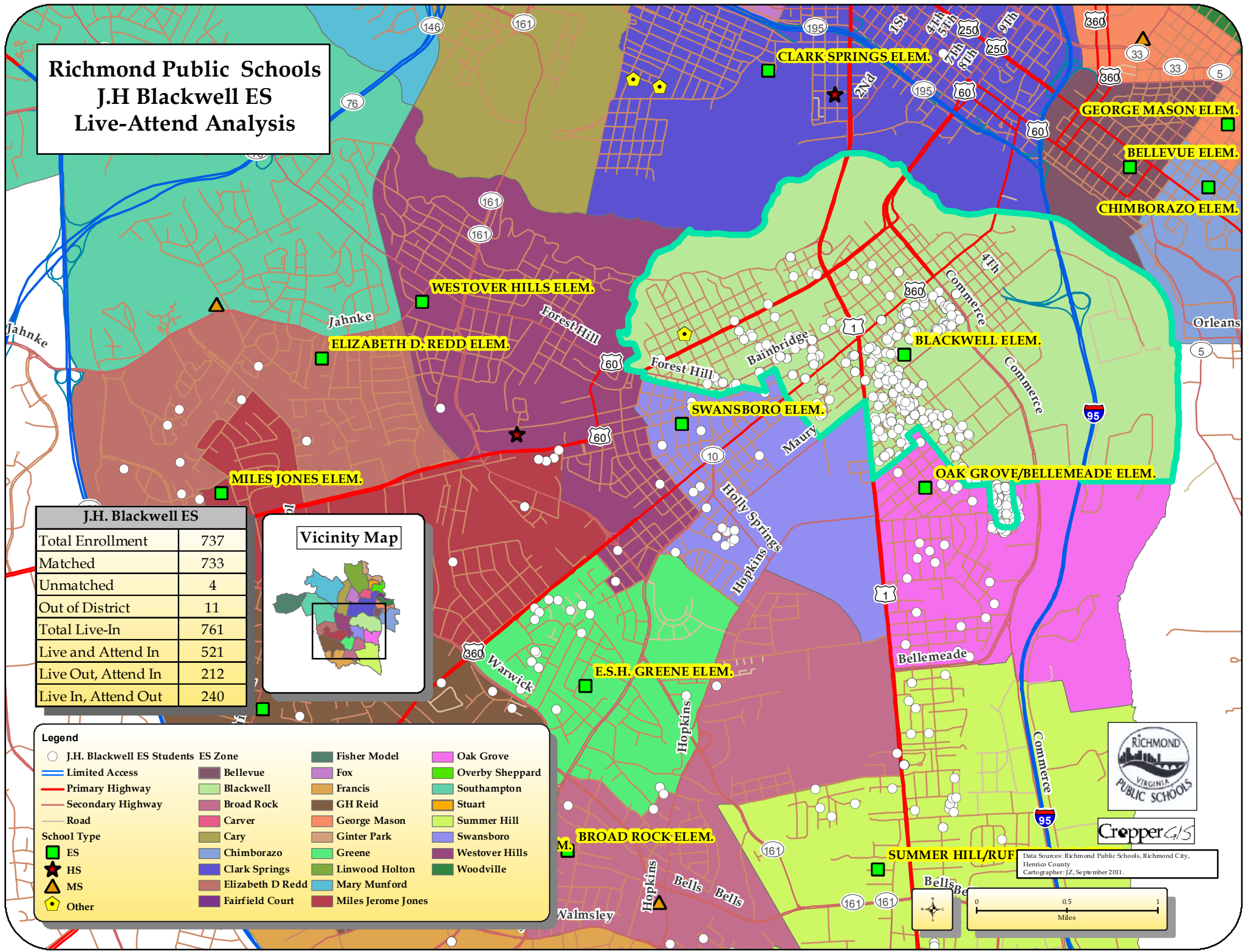
Richmond Public Schools J.H Blackwell ES Live-Attend Analysis

J.H. Blackwell ES	
Total Enrollment	737
Matched	733
Unmatched	4
Out of District	11
Total Live-In	761
Live and Attend In	521
Live Out, Attend In	212
Live In, Attend Out	240



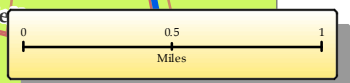
Legend

○ J.H. Blackwell ES Students	ES Zone	Fisher Model	Oak Grove
— Limited Access	Bellevue	Fox	Overby Sheppard
— Primary Highway	Blackwell	Francis	Southampton
— Secondary Highway	Broad Rock	GH Reid	Stuart
— Road	Carver	George Mason	Summer Hill
School Type	Cary	Ginter Park	Swansboro
■ ES	Chimborazo	Greene	Westover Hills
★ HS	Clark Springs	Linwood Holton	Woodville
▲ MS	Elizabeth D Redd	Mary Munford	
◆ Other	Fairfield Court	Miles Jerome Jones	



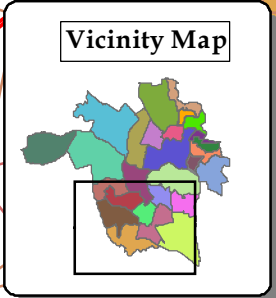
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Broad Rock ES Live-Attend Analysis

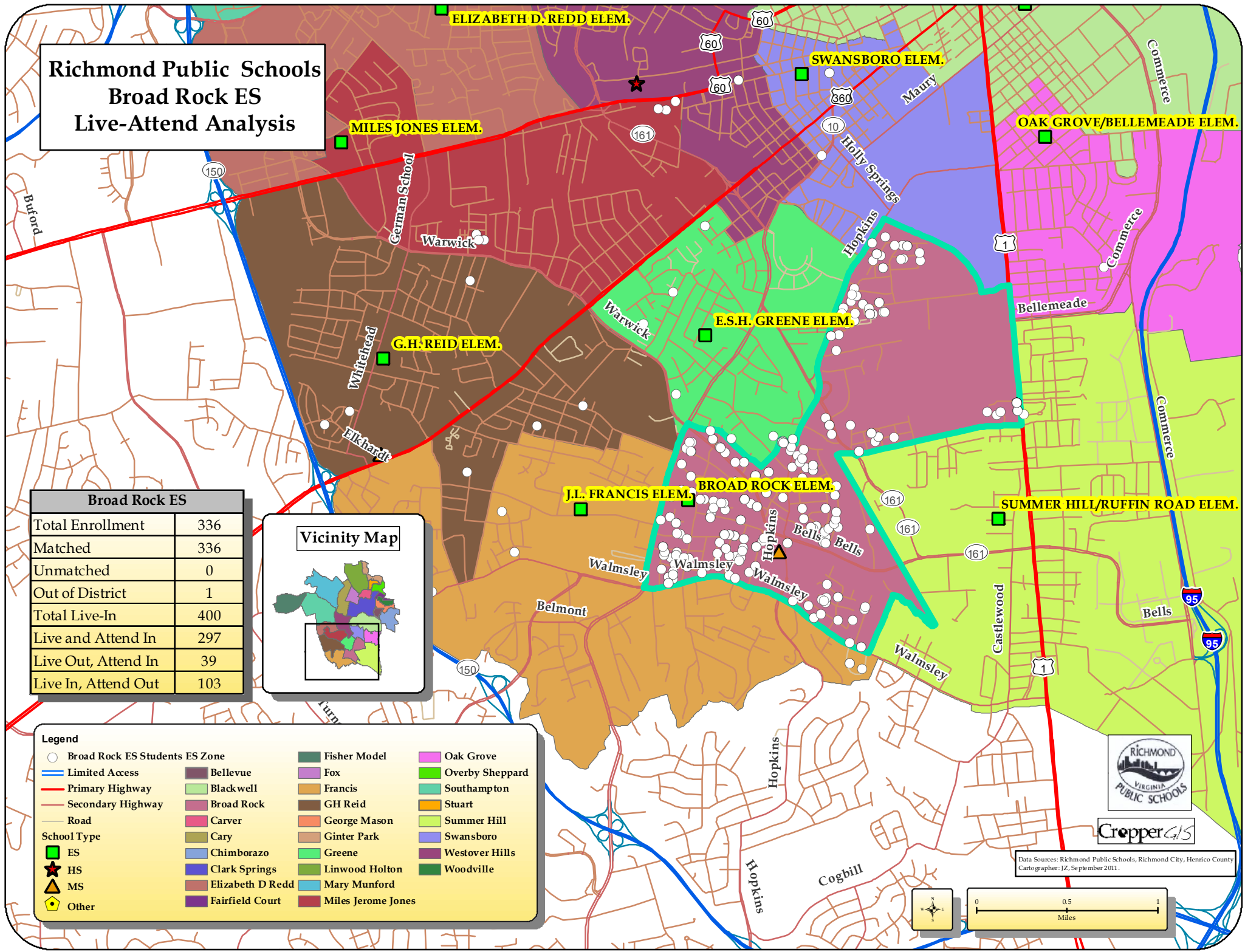
Broad Rock ES	
Total Enrollment	336
Matched	336
Unmatched	0
Out of District	1
Total Live-In	400
Live and Attend In	297
Live Out, Attend In	39
Live In, Attend Out	103



Legend

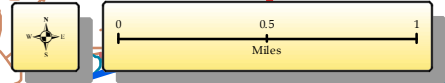
- Broad Rock ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

■ Bellevue	■ Fisher Model	■ Oak Grove
■ Blackwell	■ Fox	■ Overby Sheppard
■ Broad Rock	■ Francis	■ Southampton
■ Carver	■ GH Reid	■ Stuart
■ Cary	■ George Mason	■ Summer Hill
■ Chimborazo	■ Ginter Park	■ Swansboro
■ Clark Springs	■ Greene	■ Westover Hills
■ Elizabeth D Redd	■ Linwood Holton	■ Woodville
■ Fairfield Court	■ Mary Munford	
■ Miles Jerome Jones		



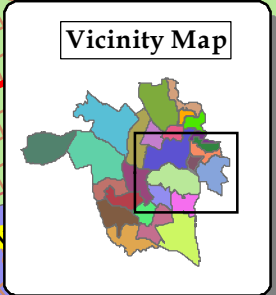
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



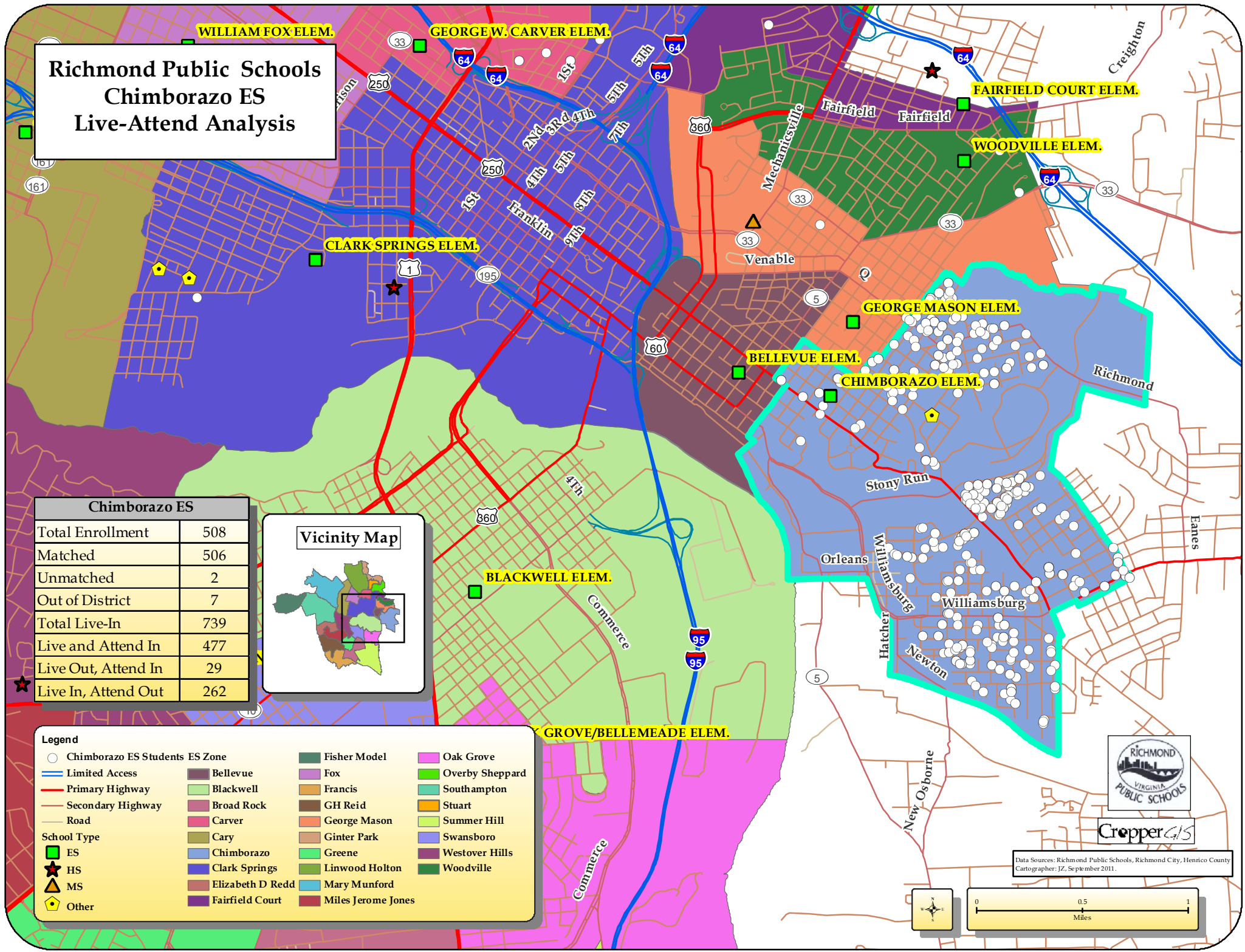
Richmond Public Schools Chimborazo ES Live-Attend Analysis

Chimborazo ES	
Total Enrollment	508
Matched	506
Unmatched	2
Out of District	7
Total Live-In	739
Live and Attend In	477
Live Out, Attend In	29
Live In, Attend Out	262



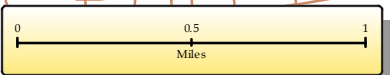
Legend

○ Chimborazo ES Students	ES Zone	■ Fisher Model	■ Oak Grove
— Limited Access	■ Bellevue	■ Fox	■ Overby Sheppard
— Primary Highway	■ Blackwell	■ Francis	■ Southampton
— Secondary Highway	■ Broad Rock	■ GH Reid	■ Stuart
— Road	■ Carver	■ George Mason	■ Summer Hill
■ ES	■ Cary	■ Ginter Park	■ Swansboro
★ HS	■ Chimborazo	■ Greene	■ Westover Hills
▲ MS	■ Clark Springs	■ Linwood Holton	■ Woodville
◆ Other	■ Elizabeth D Redd	■ Mary Munford	
	■ Fairfield Court	■ Miles Jerome Jones	



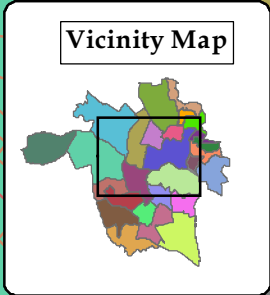
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.

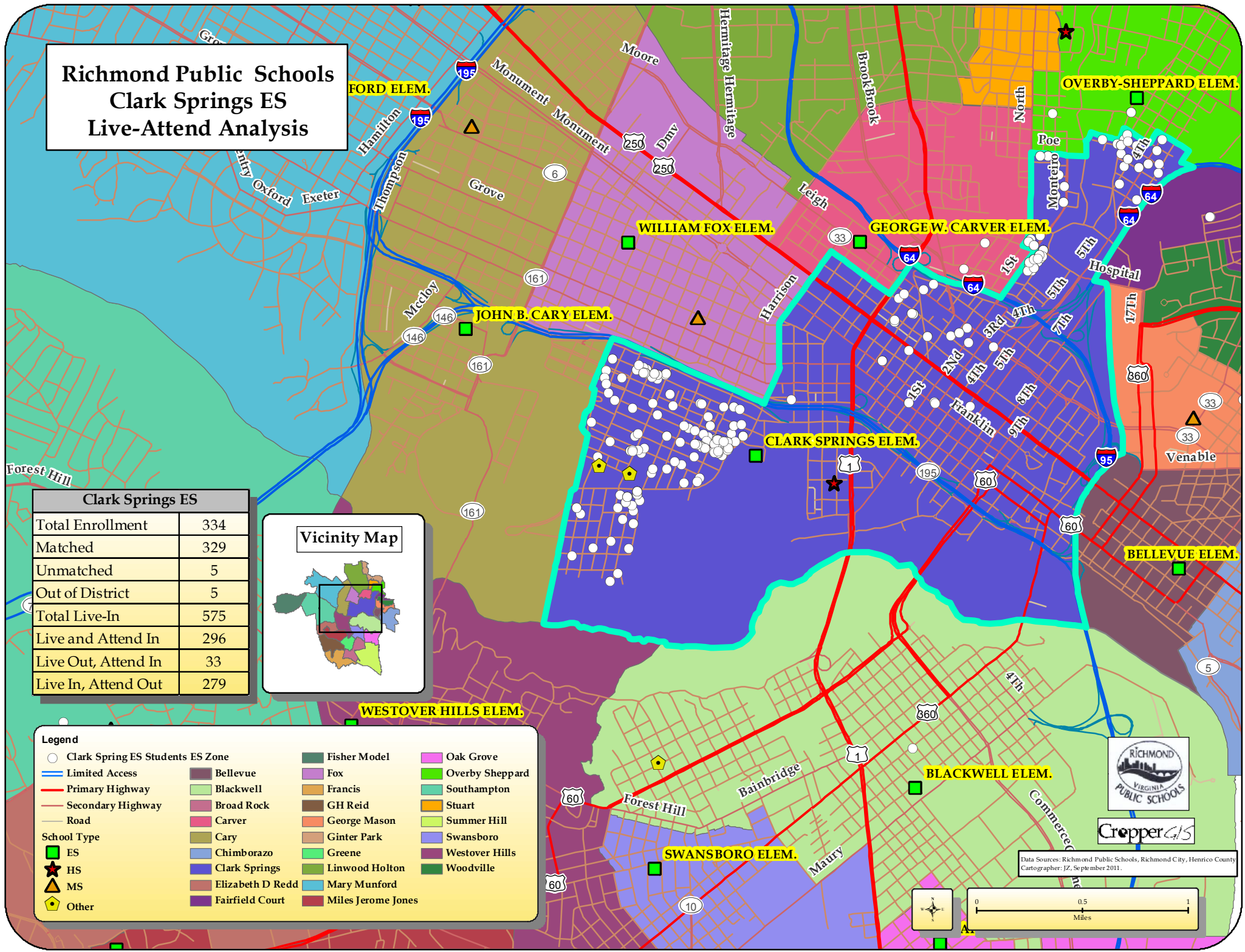


Richmond Public Schools Clark Springs ES Live-Attend Analysis

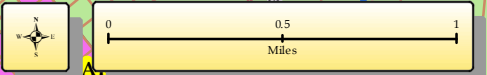
Clark Springs ES	
Total Enrollment	334
Matched	329
Unmatched	5
Out of District	5
Total Live-In	575
Live and Attend In	296
Live Out, Attend In	33
Live In, Attend Out	279



Legend		
○ Clark Spring ES Students ES Zone	■ Fisher Model	■ Oak Grove
— Limited Access	■ Bellevue	■ Overby Sheppard
— Primary Highway	■ Blackwell	■ Southampton
— Secondary Highway	■ Broad Rock	■ Stuart
— Road	■ Carver	■ Summer Hill
School Type	■ Cary	■ Swansboro
■ ES	■ Chimborazo	■ Westover Hills
★ HS	■ Clark Springs	■ Woodville
▲ MS	■ Linwood Holton	
◆ Other	■ Elizabeth D Redd	
	■ Fairfield Court	
	■ Miles Jerome Jones	

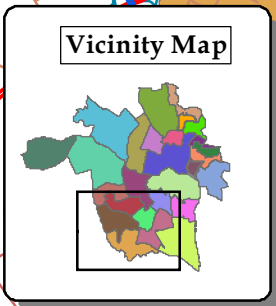


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools E. S. H. Greene ES Live-Attend Analysis

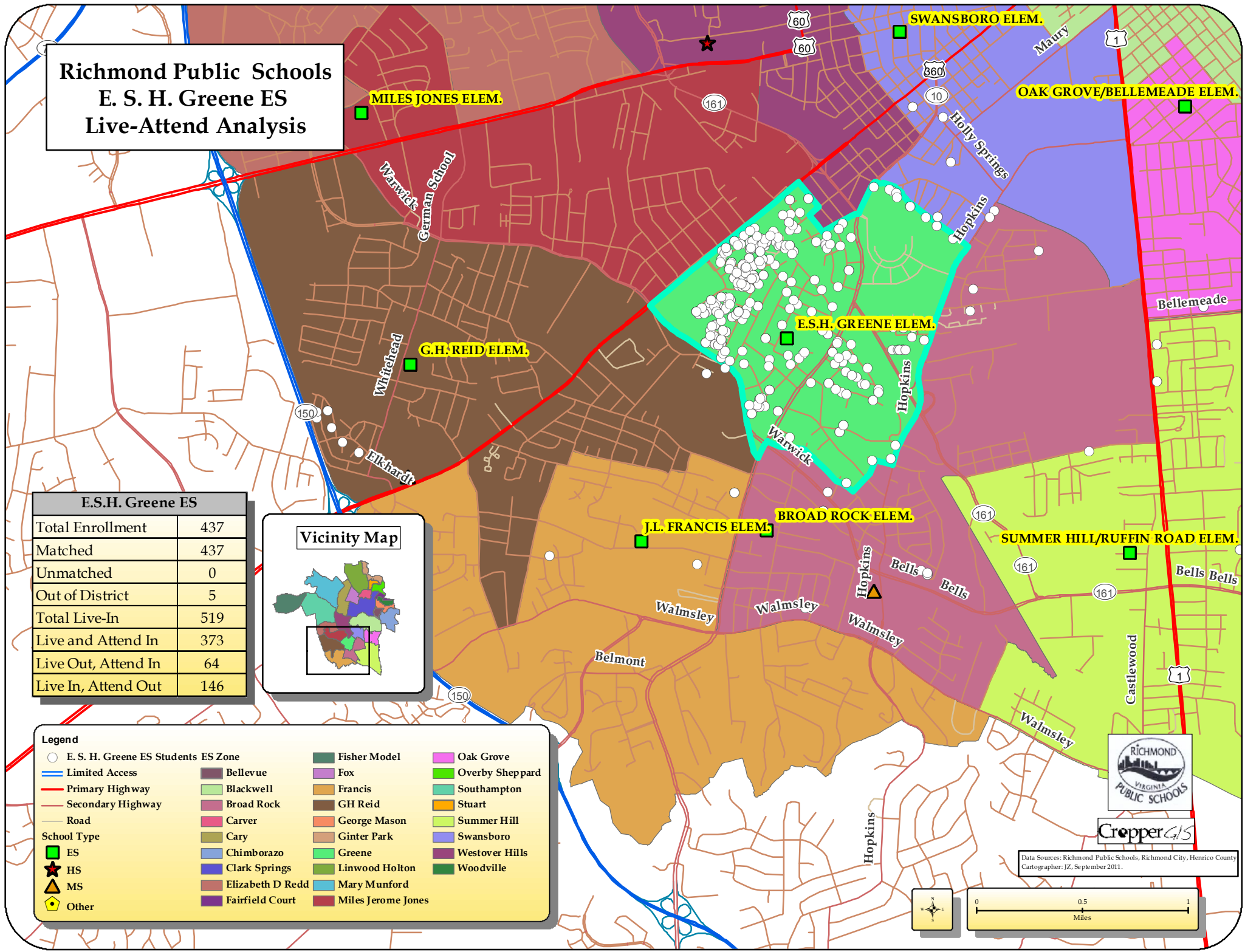
E.S.H. Greene ES	
Total Enrollment	437
Matched	437
Unmatched	0
Out of District	5
Total Live-In	519
Live and Attend In	373
Live Out, Attend In	64
Live In, Attend Out	146



Legend

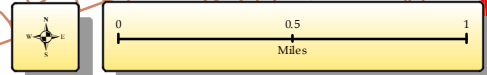
- E. S. H. Greene ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
Miles Jerome Jones		



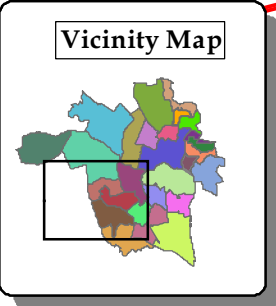
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Elizabeth. D Redd ES Live-Attend Analysis

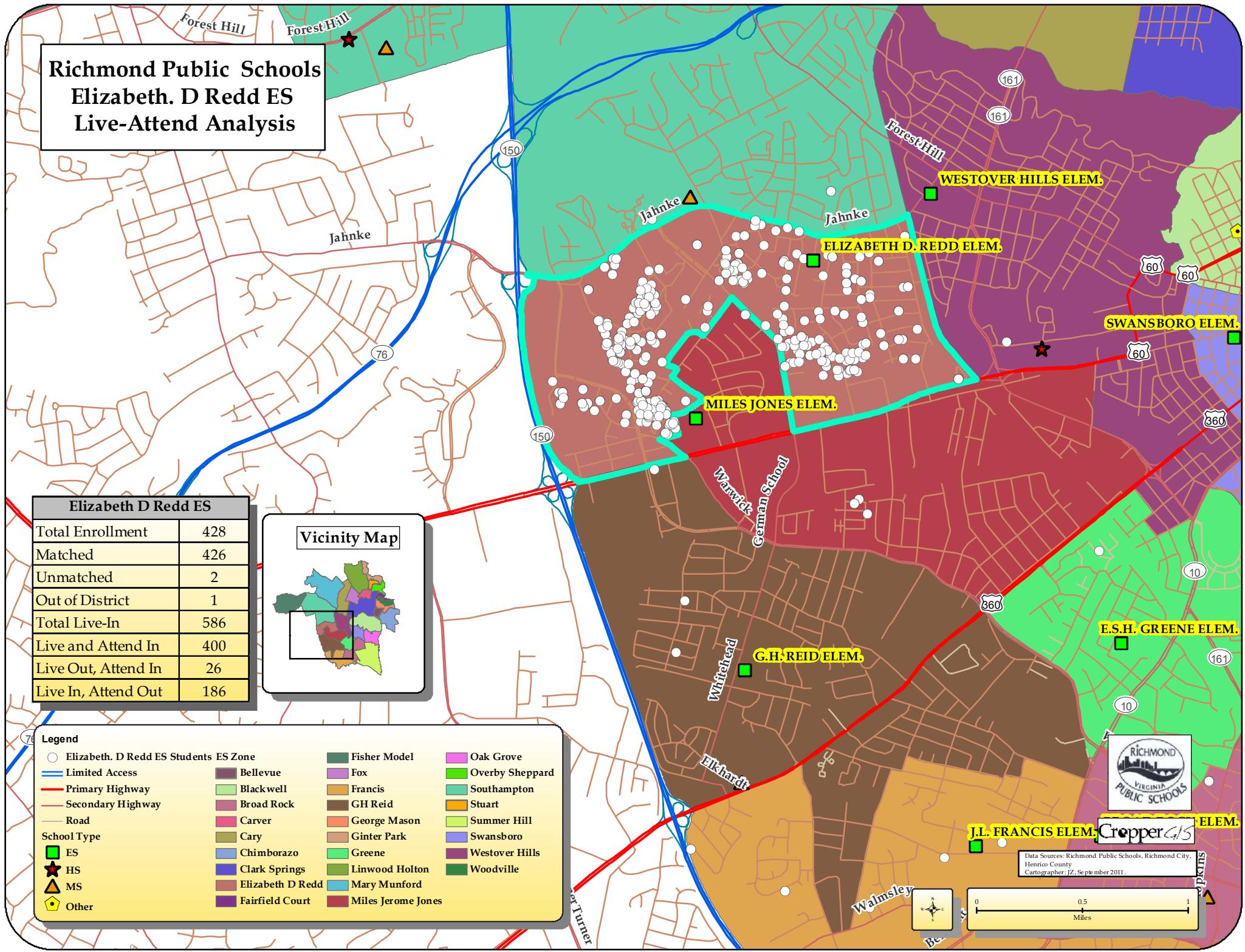
Elizabeth D Redd ES	
Total Enrollment	428
Matched	426
Unmatched	2
Out of District	1
Total Live-In	586
Live and Attend In	400
Live Out, Attend In	26
Live In, Attend Out	186



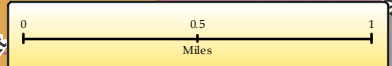
Legend

- Elizabeth. D Redd ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
	Miles Jerome Jones	



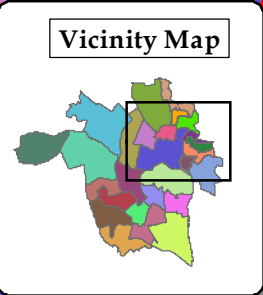
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond
Virginia
Public Schools

Richmond Public Schools Fairfield Court ES Live-Attend Analysis

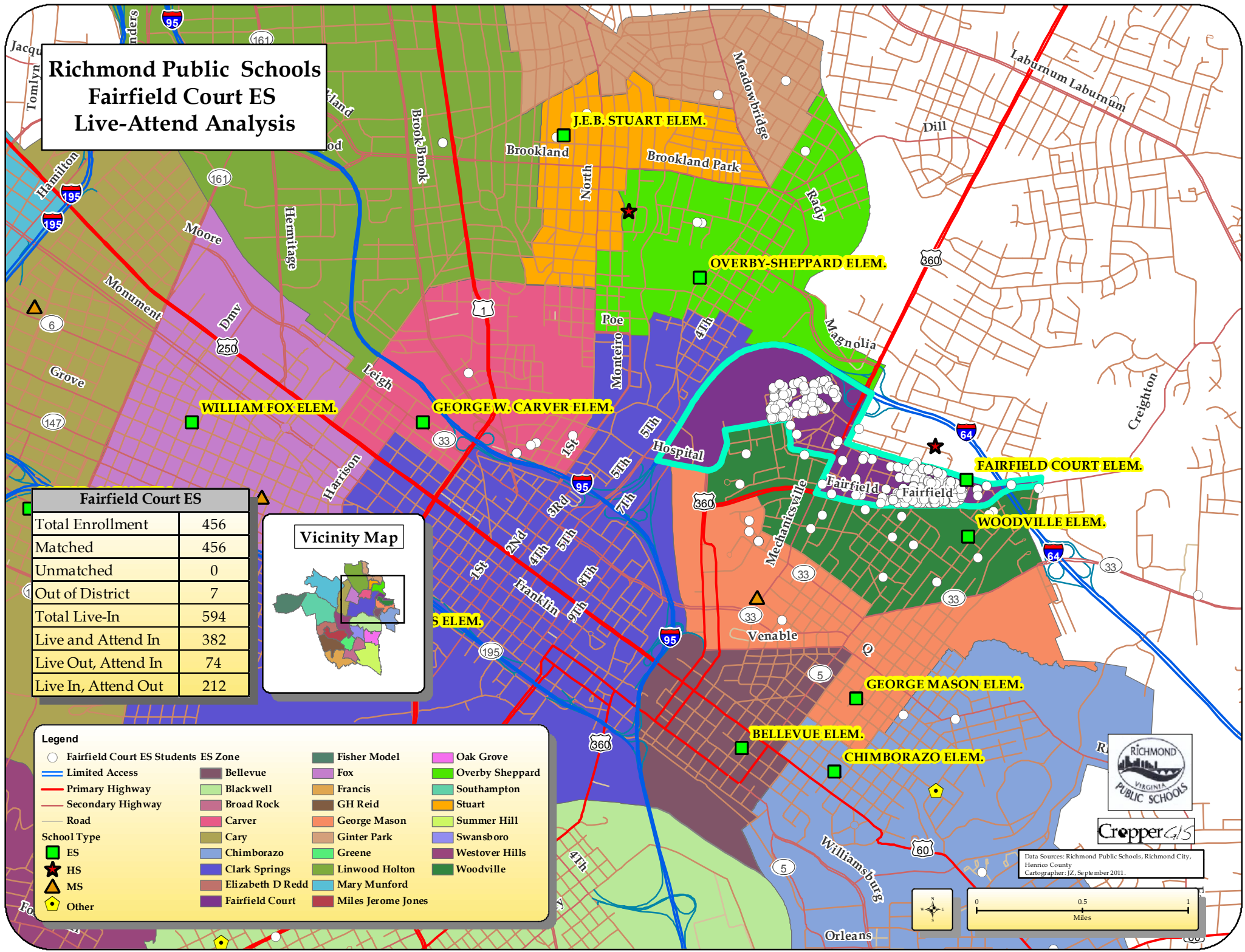
Fairfield Court ES	
Total Enrollment	456
Matched	456
Unmatched	0
Out of District	7
Total Live-In	594
Live and Attend In	382
Live Out, Attend In	74
Live In, Attend Out	212



Legend

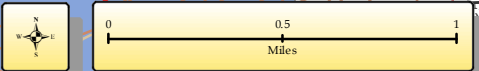
- Fairfield Court ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
Miles Jerome Jones		



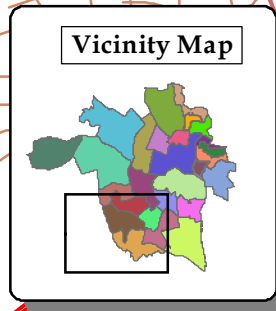
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



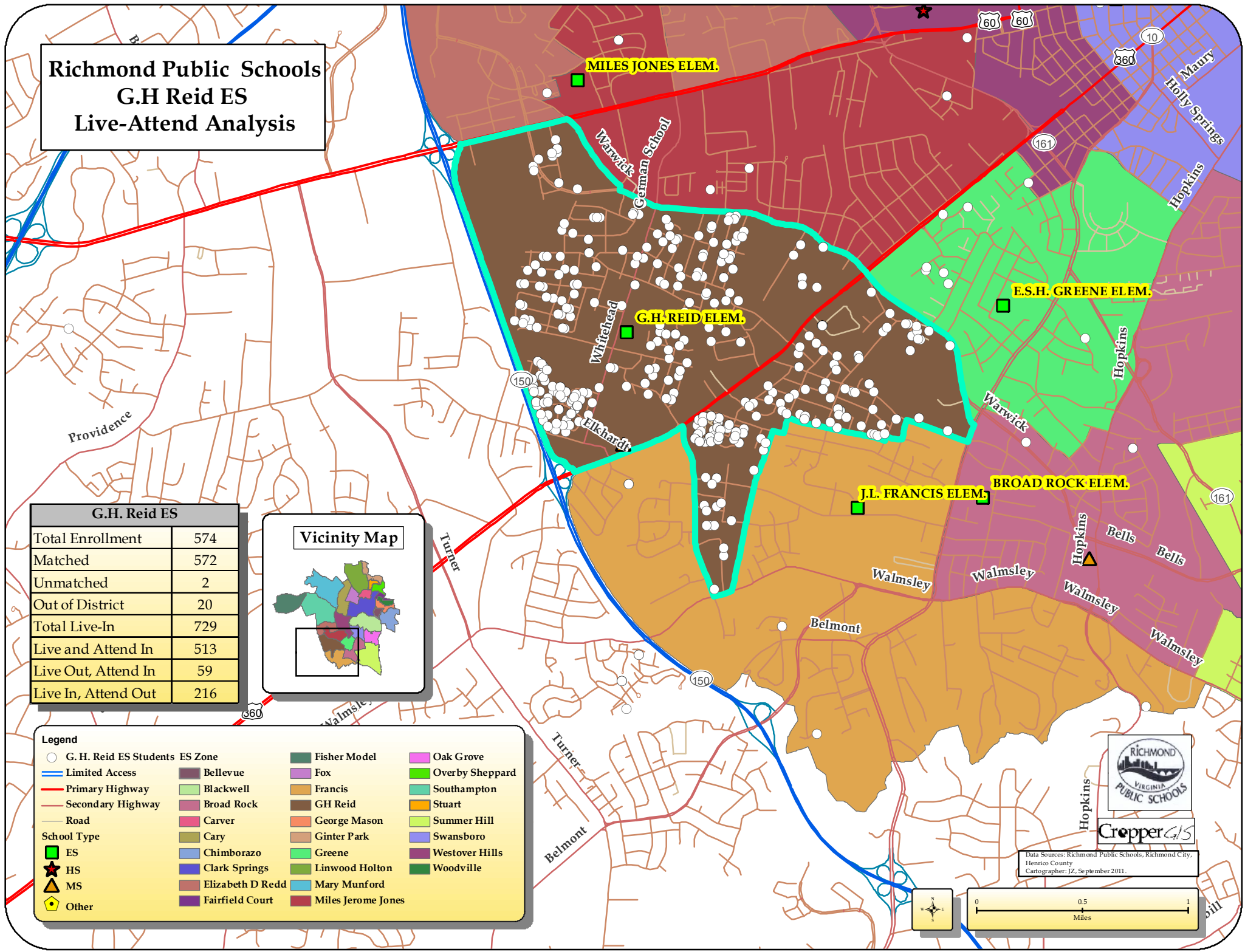
Richmond Public Schools G.H Reid ES Live-Attend Analysis

G.H. Reid ES	
Total Enrollment	574
Matched	572
Unmatched	2
Out of District	20
Total Live-In	729
Live and Attend In	513
Live Out, Attend In	59
Live In, Attend Out	216



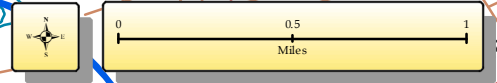
Legend

○ G. H. Reid ES Students	ES Zone	■ Fisher Model	■ Oak Grove
— Limited Access	■ Bellevue	■ Fox	■ Overby Sheppard
— Primary Highway	■ Blackwell	■ Francis	■ Southampton
— Secondary Highway	■ Broad Rock	■ GH Reid	■ Stuart
— Road	■ Carver	■ George Mason	■ Summer Hill
■ School Type	■ Cary	■ Ginter Park	■ Swansboro
■ ES	■ Chimborazo	■ Greene	■ Westover Hills
★ HS	■ Clark Springs	■ Linwood Holton	■ Woodville
▲ MS	■ Elizabeth D Redd	■ Mary Munford	
■ Other	■ Fairfield Court	■ Miles Jerome Jones	



CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools George Mason ES Live-Attend Analysis

JOHN B. CARY ELEM.

GEORGE W. CARVER ELEM.

OVERBY-SHEPPARD ELEM.

FAIRFIELD COURT ELEM.

WOODVILLE ELEM.

CLARK SPRINGS ELEM.

GEORGE MASON ELEM.

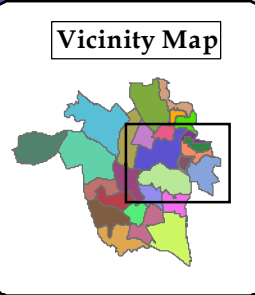
BELLEVUE ELEM.

CHIMBORAZO ELEM.

BLACKWELL ELEM.

OVE/BELLEMEADE ELEM.

George Mason ES	
Total Enrollment	437
Matched	436
Unmatched	1
Out of District	6
Total Live-In	554
Live and Attend In	377
Live Out, Attend In	59
Live In, Attend Out	177



Legend

- George Mason ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road

School Type

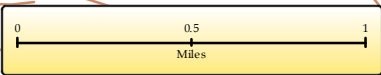
- ES
- ★ HS
- ▲ MS
- ◆ Other

■ Fisher Model	■ Bellevue	■ Fox
■ Blackwell	■ Broad Rock	■ Francis
■ Carver	■ Cary	■ GH Reid
■ Chimborazo	■ Clark Springs	■ George Mason
■ Elizabeth D Redd	■ Fairfield Court	■ Ginter Park
■ Miles Jerome Jones	■ Westover Hills	■ Greene
	■ Woodville	■ Linwood Holton
		■ Mary Munford
		■ Summer Hill
		■ Swansboro
		■ Stuart
		■ Southampton
		■ Overby Sheppard
		■ Oak Grove



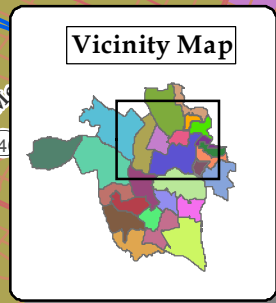
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Carver G.W. ES Live-Attend Analysis

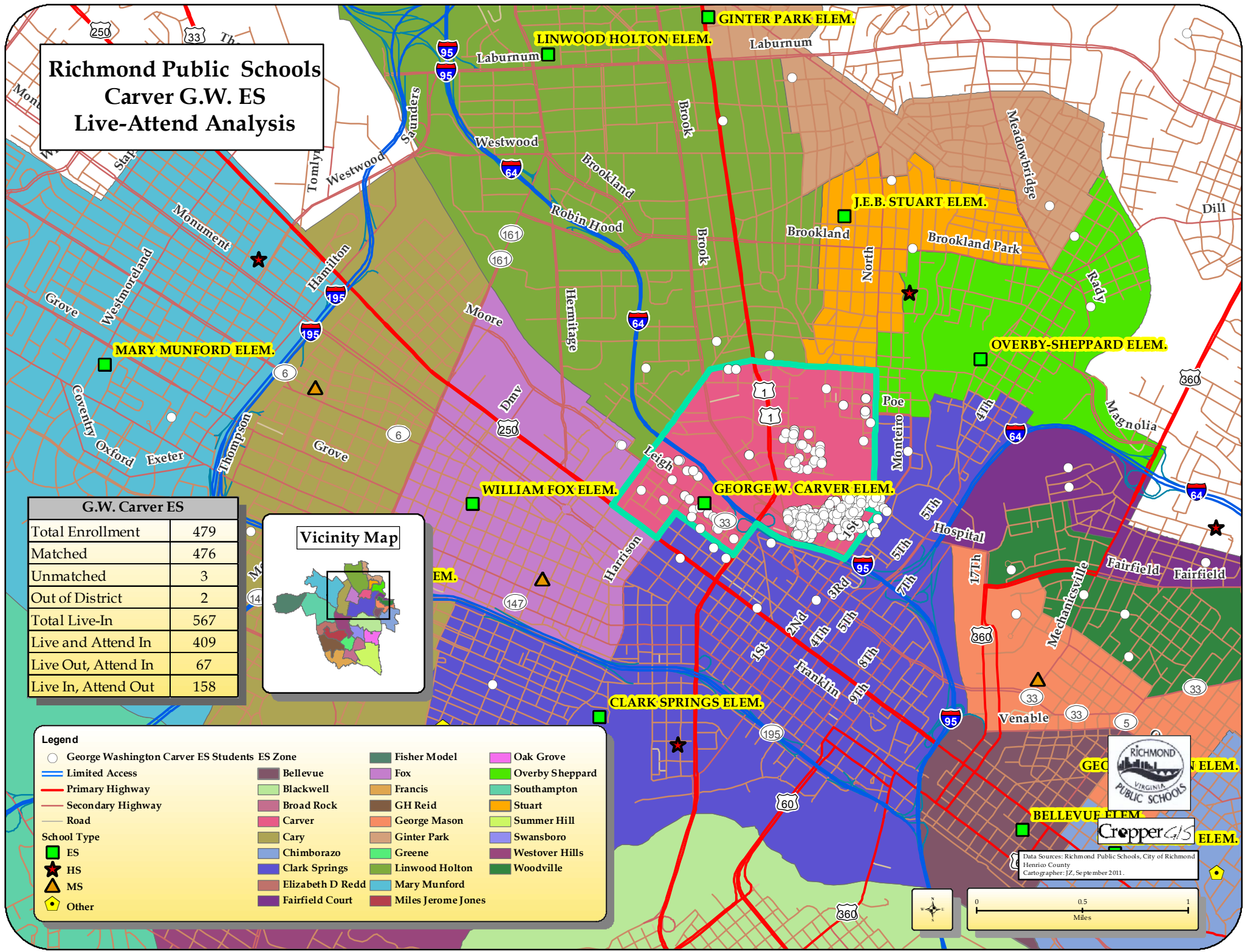
G.W. Carver ES	
Total Enrollment	479
Matched	476
Unmatched	3
Out of District	2
Total Live-In	567
Live and Attend In	409
Live Out, Attend In	67
Live In, Attend Out	158



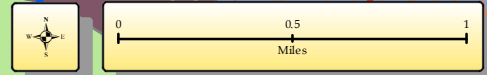
Legend

- George Washington Carver ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other

■ Bellevue	■ Fisher Model	■ Oak Grove
■ Blackwell	■ Fox	■ Overby Sheppard
■ Broad Rock	■ Francis	■ Southampton
■ Carver	■ GH Reid	■ Stuart
■ Cary	■ George Mason	■ Summer Hill
■ Chimborazo	■ Ginter Park	■ Swansboro
■ Clark Springs	■ Greene	■ Westover Hills
■ Elizabeth D Redd	■ Linwood Holton	■ Woodville
■ Fairfield Court	■ Mary Munford	
■ Miles Jerome Jones		

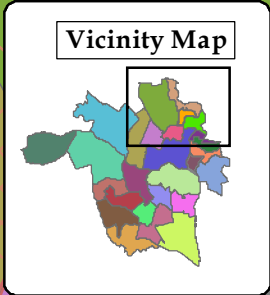


Data Sources: Richmond Public Schools, City of Richmond
Henrico County
Cartographer: JZ, September 2011.



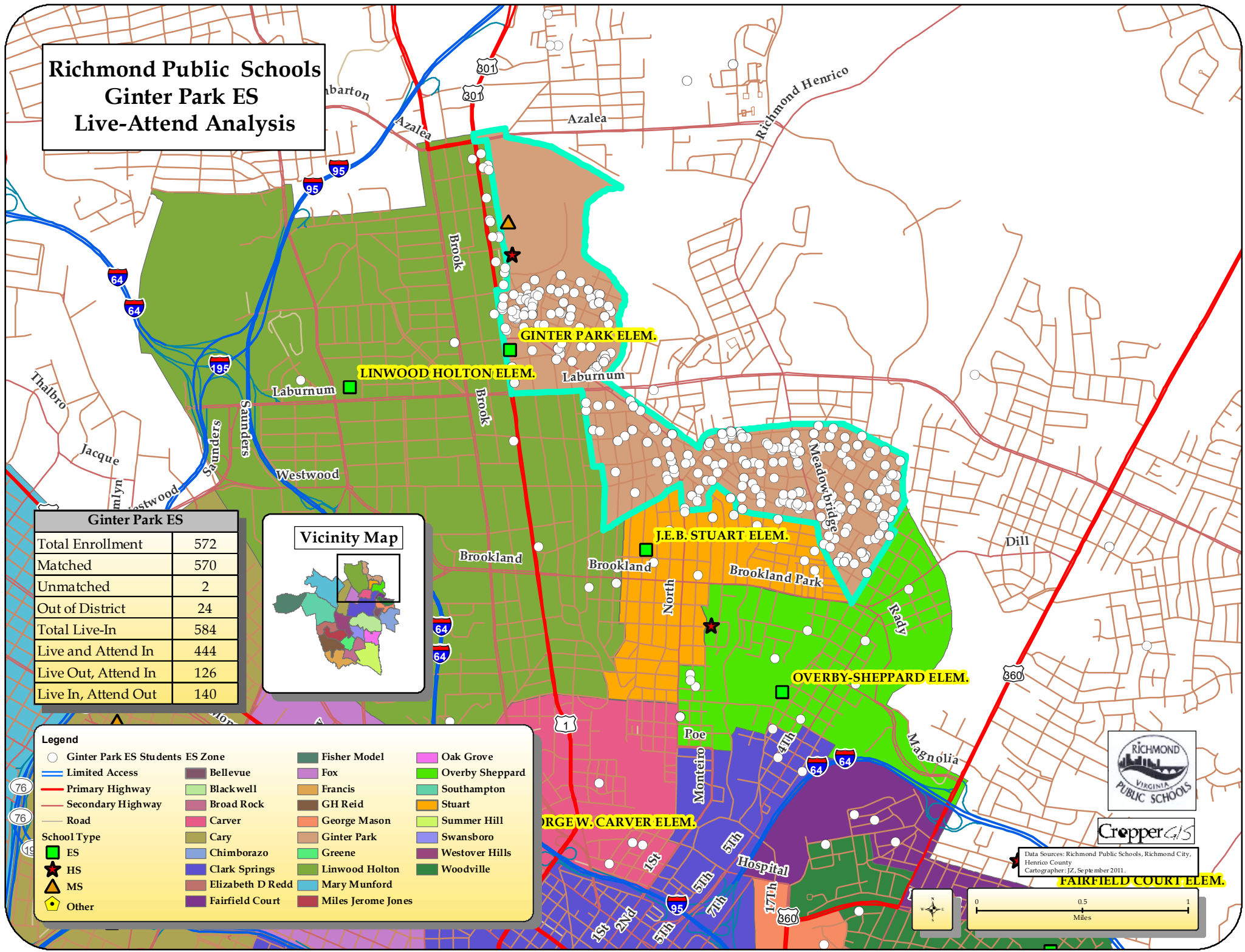
Richmond Public Schools Ginter Park ES Live-Attend Analysis

Ginter Park ES	
Total Enrollment	572
Matched	570
Unmatched	2
Out of District	24
Total Live-In	584
Live and Attend In	444
Live Out, Attend In	126
Live In, Attend Out	140



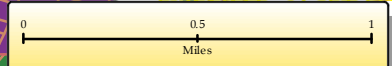
Legend

○ Ginter Park ES Students ES Zone	■ Fisher Model	■ Oak Grove
— Limited Access	■ Bellevue	■ Overby Sheppard
— Primary Highway	■ Blackwell	■ Fox
— Secondary Highway	■ Broad Rock	■ Francis
— Road	■ Carver	■ GH Reid
■ School Type	■ Cary	■ George Mason
■ ES	■ Chimborazo	■ Ginter Park
★ HS	■ Clark Springs	■ Greene
▲ MS	■ Elizabeth D Redd	■ Linwood Holton
◆ Other	■ Fairfield Court	■ Mary Munford
	■ Miles Jerome Jones	■ Swansboro
		■ Westover Hills
		■ Woodville



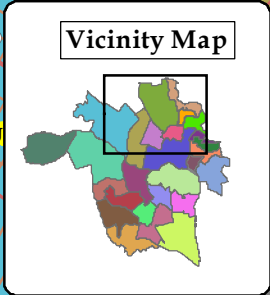
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Linwood Holton ES Live-Attend Analysis

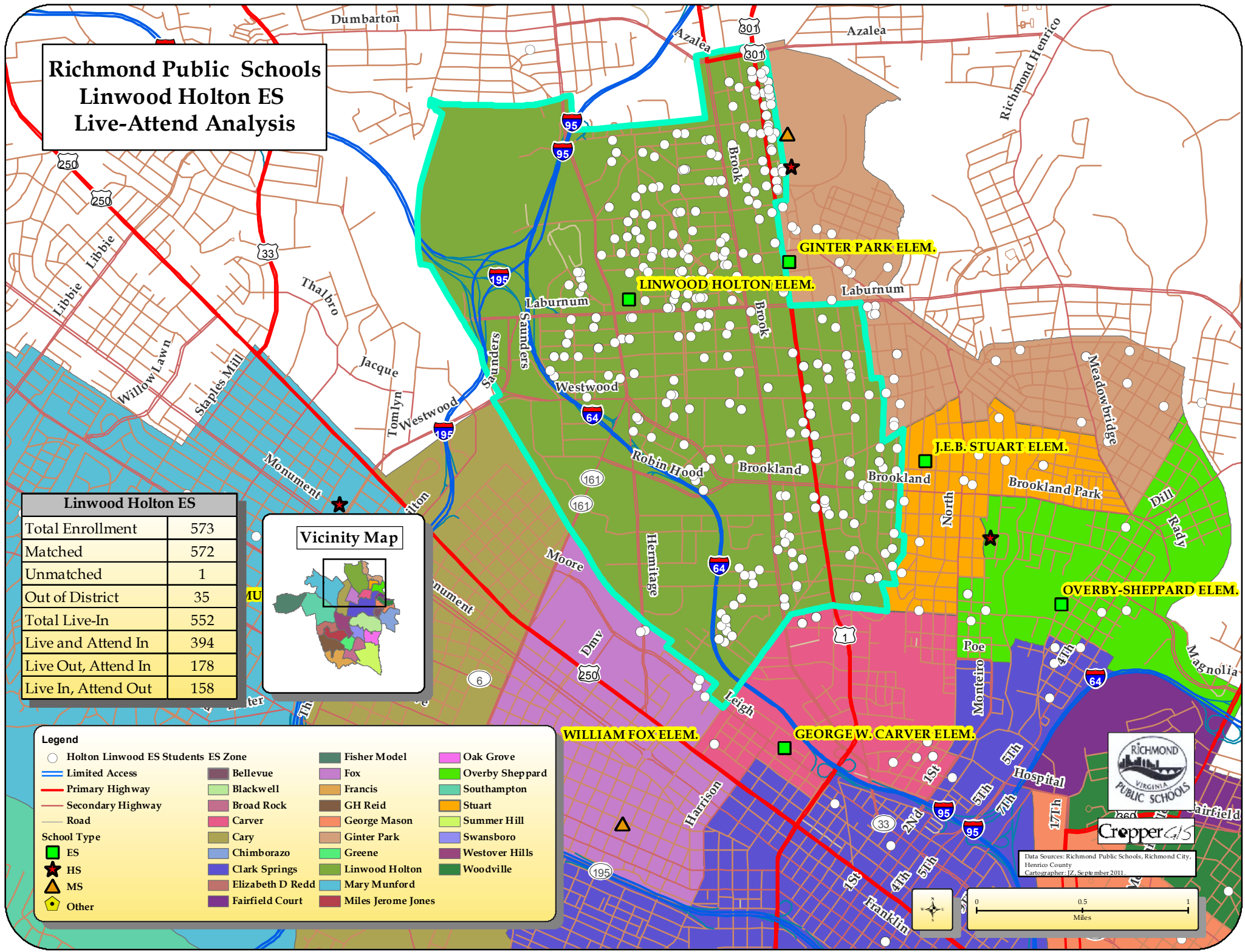
Linwood Holton ES	
Total Enrollment	573
Matched	572
Unmatched	1
Out of District	35
Total Live-In	552
Live and Attend In	394
Live Out, Attend In	178
Live In, Attend Out	158



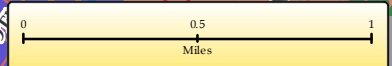
Legend

- Holton Linwood ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - HS
 - MS
 - Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
	Miles Jerome Jones	

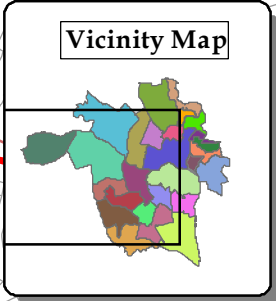


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools J.B. Fisher ES Live-Attend Analysis

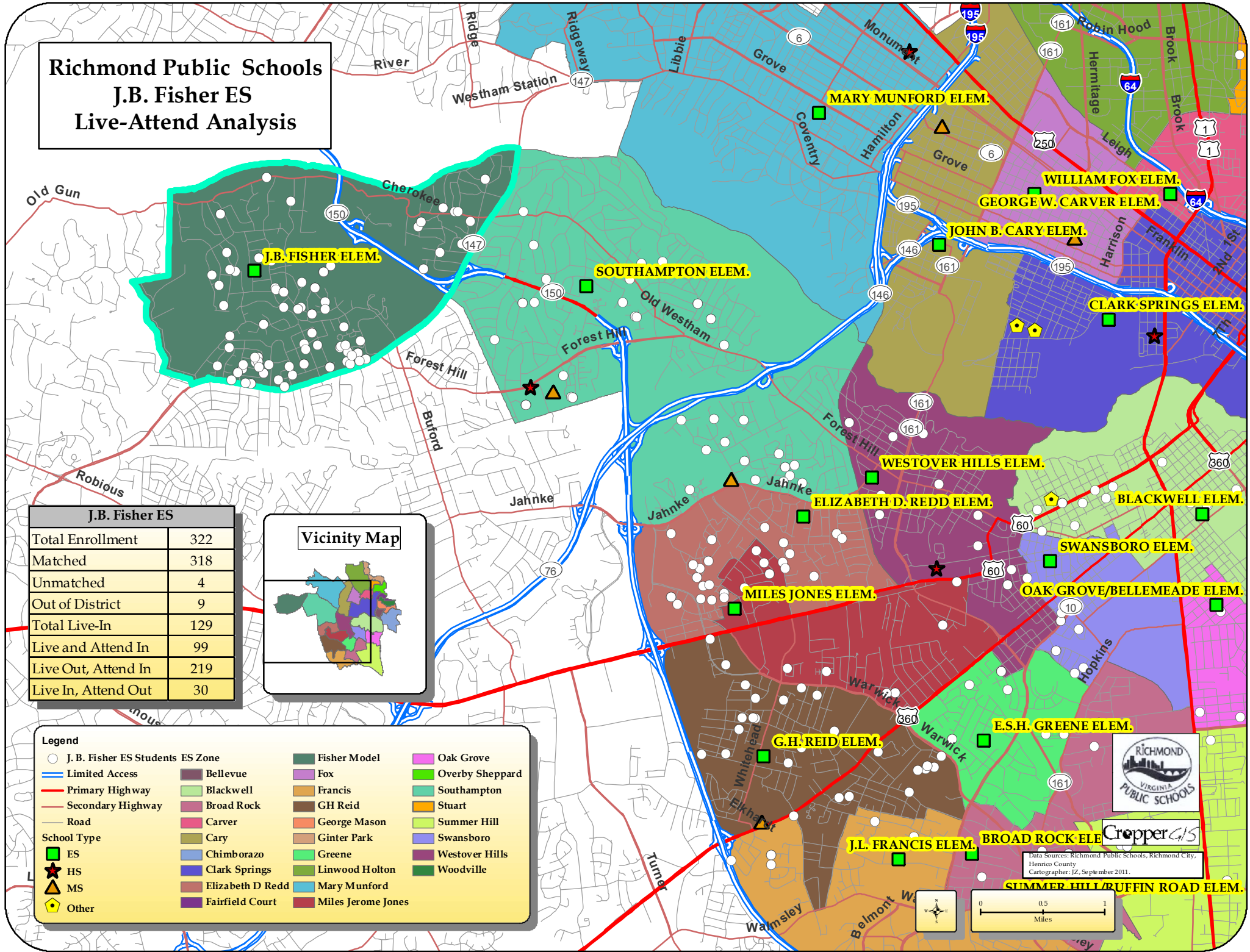
J.B. Fisher ES	
Total Enrollment	322
Matched	318
Unmatched	4
Out of District	9
Total Live-In	129
Live and Attend In	99
Live Out, Attend In	219
Live In, Attend Out	30



Legend

- J. B. Fisher ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

■ Fisher Model	■ Bellevue	■ Fox	■ Oak Grove
■ Blackwell	■ Francis	■ Overby Sheppard	■ Southampton
■ Broad Rock	■ GH Reid	■ Stuart	■ Summer Hill
■ Carver	■ George Mason	■ Swansboro	■ Westover Hills
■ Cary	■ Ginter Park	■ Woodville	
■ Chimborazo	■ Greene		
■ Clark Springs	■ Linwood Holton		
■ Elizabeth D Redd	■ Mary Munford		
■ Fairfield Court	■ Miles Jerome Jones		



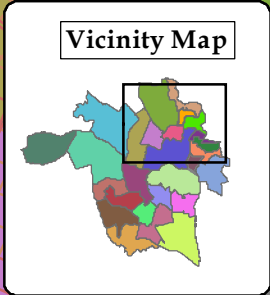
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



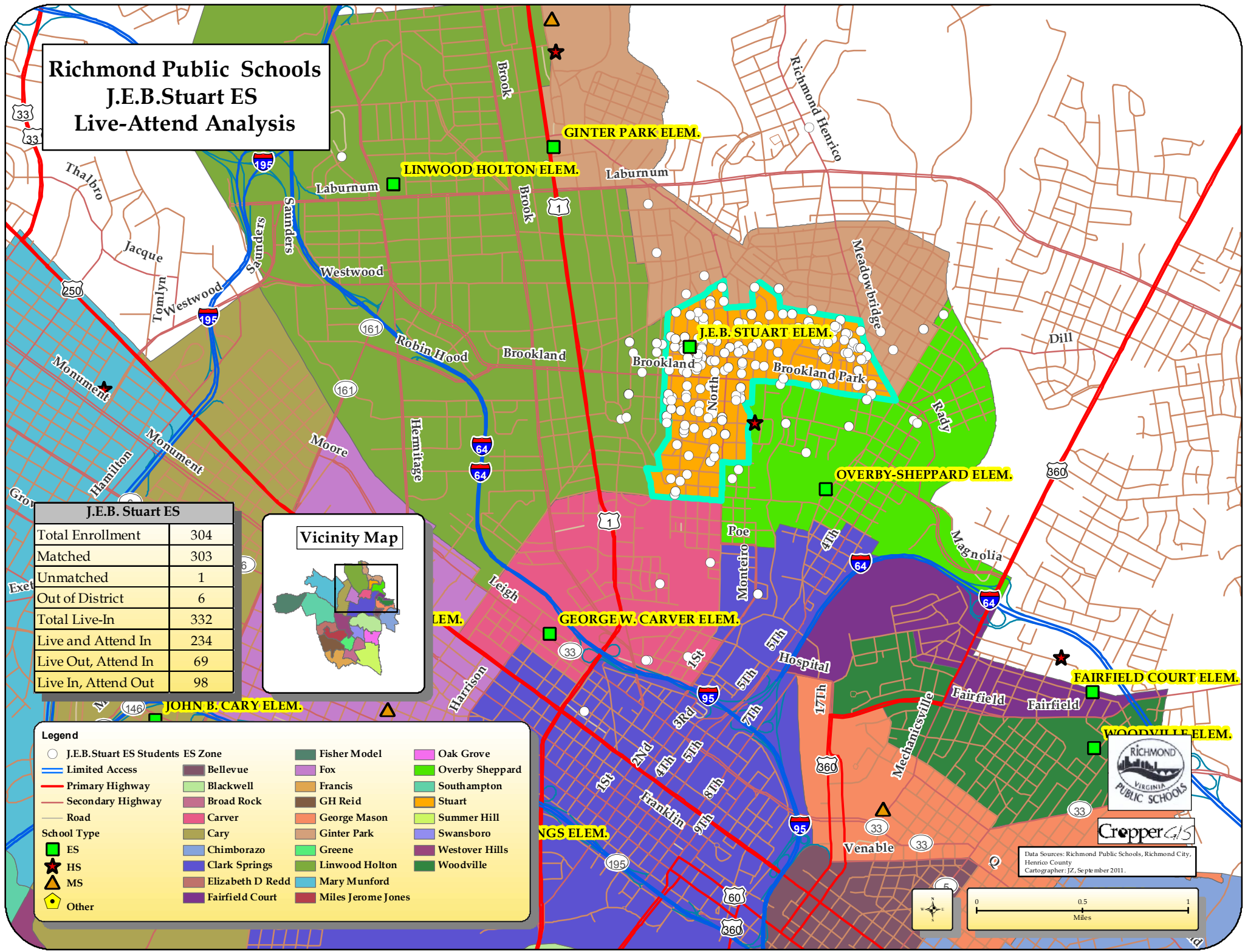
Richmond Public Schools J.E.B. Stuart ES Live-Attend Analysis

J.E.B. Stuart ES	
Total Enrollment	304
Matched	303
Unmatched	1
Out of District	6
Total Live-In	332
Live and Attend In	234
Live Out, Attend In	69
Live In, Attend Out	98

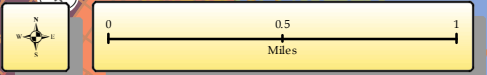


Legend

- J.E.B. Stuart ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Fisher Model
- Bellevue
- Blackwell
- Broad Rock
- Carver
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville



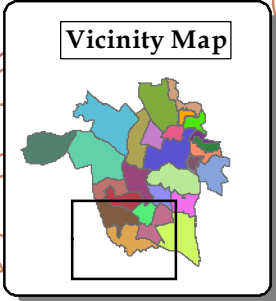
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



CropperGIS

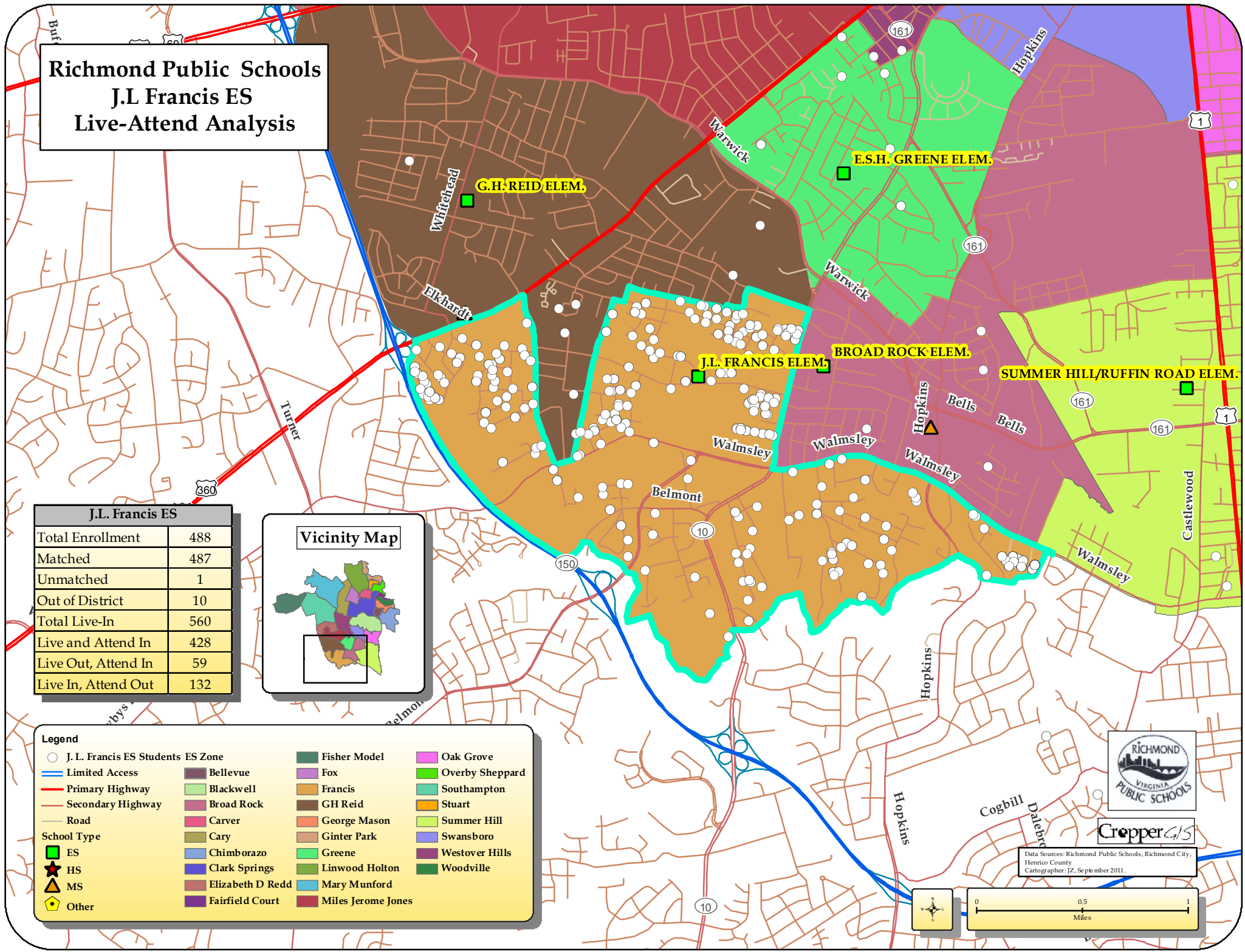
Richmond Public Schools J.L Francis ES Live-Attend Analysis

J.L. Francis ES	
Total Enrollment	488
Matched	487
Unmatched	1
Out of District	10
Total Live-In	560
Live and Attend In	428
Live Out, Attend In	59
Live In, Attend Out	132



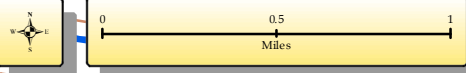
Legend

- J.L. Francis ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Bellevue
- Blackwell
- Broad Rock
- Carver
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fisher Model
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville



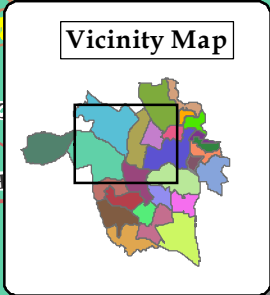
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



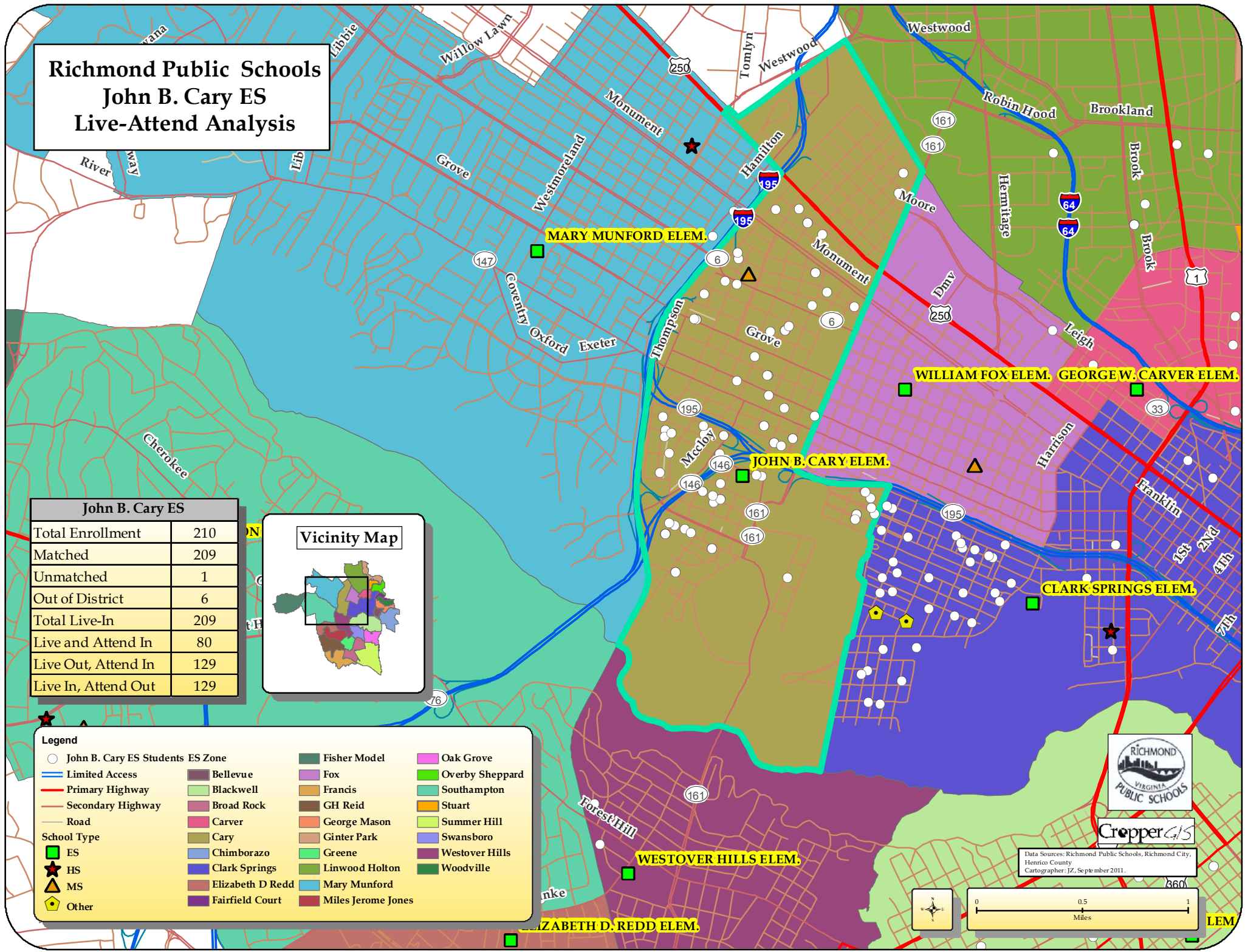
Richmond Public Schools John B. Cary ES Live-Attend Analysis

John B. Cary ES	
Total Enrollment	210
Matched	209
Unmatched	1
Out of District	6
Total Live-In	209
Live and Attend In	80
Live Out, Attend In	129
Live In, Attend Out	129



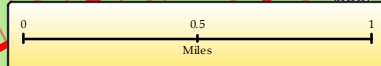
Legend

○ John B. Cary ES Students	ES Zone	Fisher Model	Oak Grove
— Limited Access	Bellevue	Fox	Overby Sheppard
— Primary Highway	Blackwell	Francis	Southampton
— Secondary Highway	Broad Rock	GH Reid	Stuart
— Road	Carver	George Mason	Summer Hill
School Type	Cary	Ginter Park	Swansboro
■ ES	Chimborazo	Greene	Westover Hills
★ HS	Clark Springs	Linwood Holton	Woodville
▲ MS	Elizabeth D Redd	Mary Munford	
◆ Other	Fairfield Court	Miles Jerome Jones	



CropperGIS

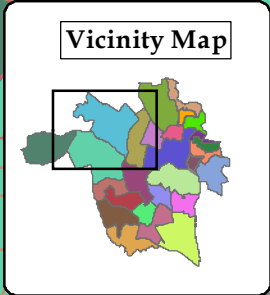
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



LEM

Richmond Public Schools Mary Munford ES Live-Attend Analysis

Mary Munford ES	
Total Enrollment	522
Matched	520
Unmatched	2
Out of District	16
Total Live-In	473
Live and Attend In	347
Live Out, Attend In	173
Live In, Attend Out	126



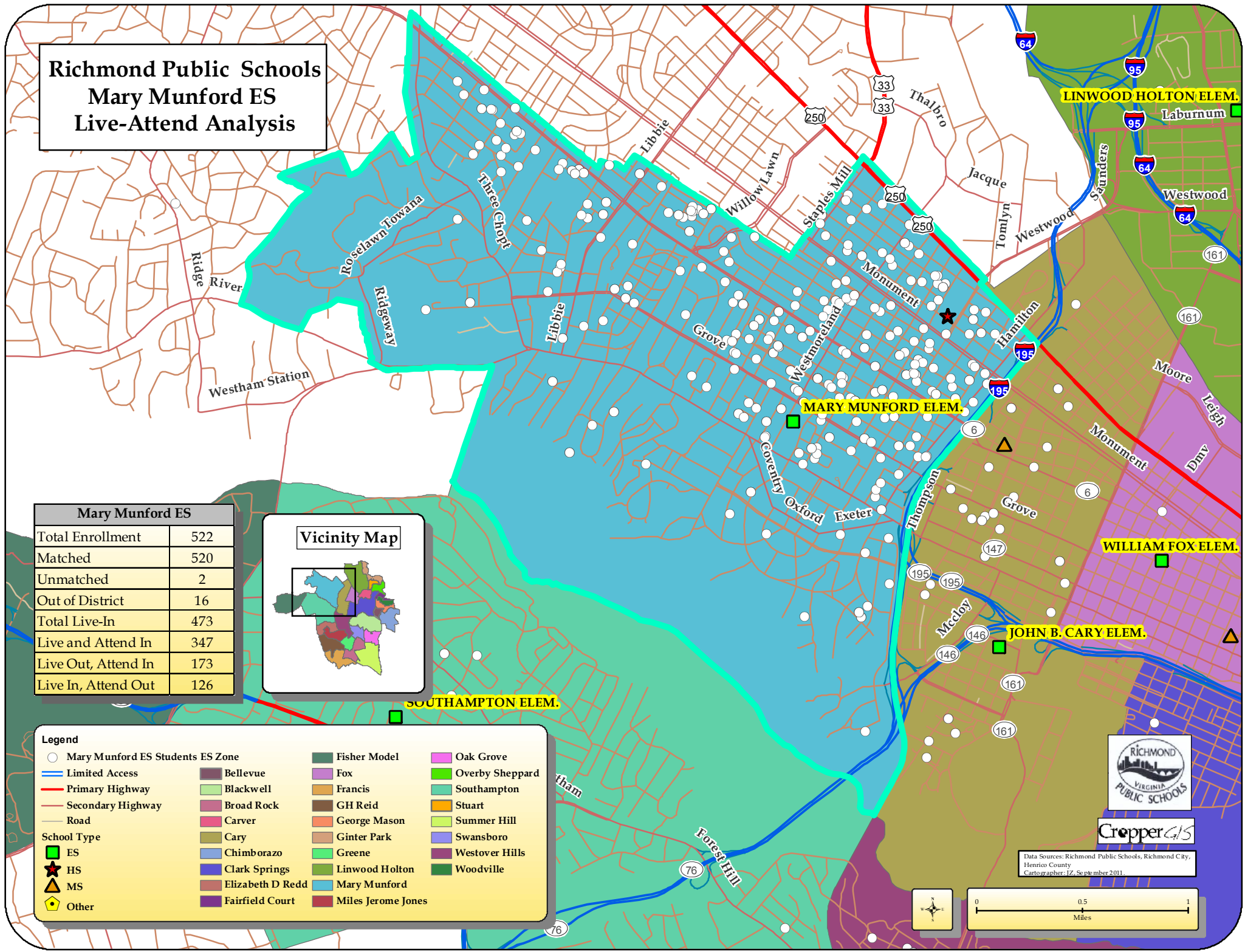
Legend

- Mary Munford ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road

School Type

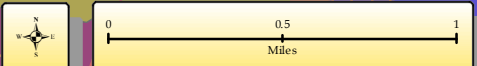
- ES
- HS
- MS
- Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
	Miles Jerome Jones	



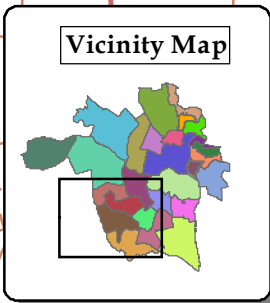
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



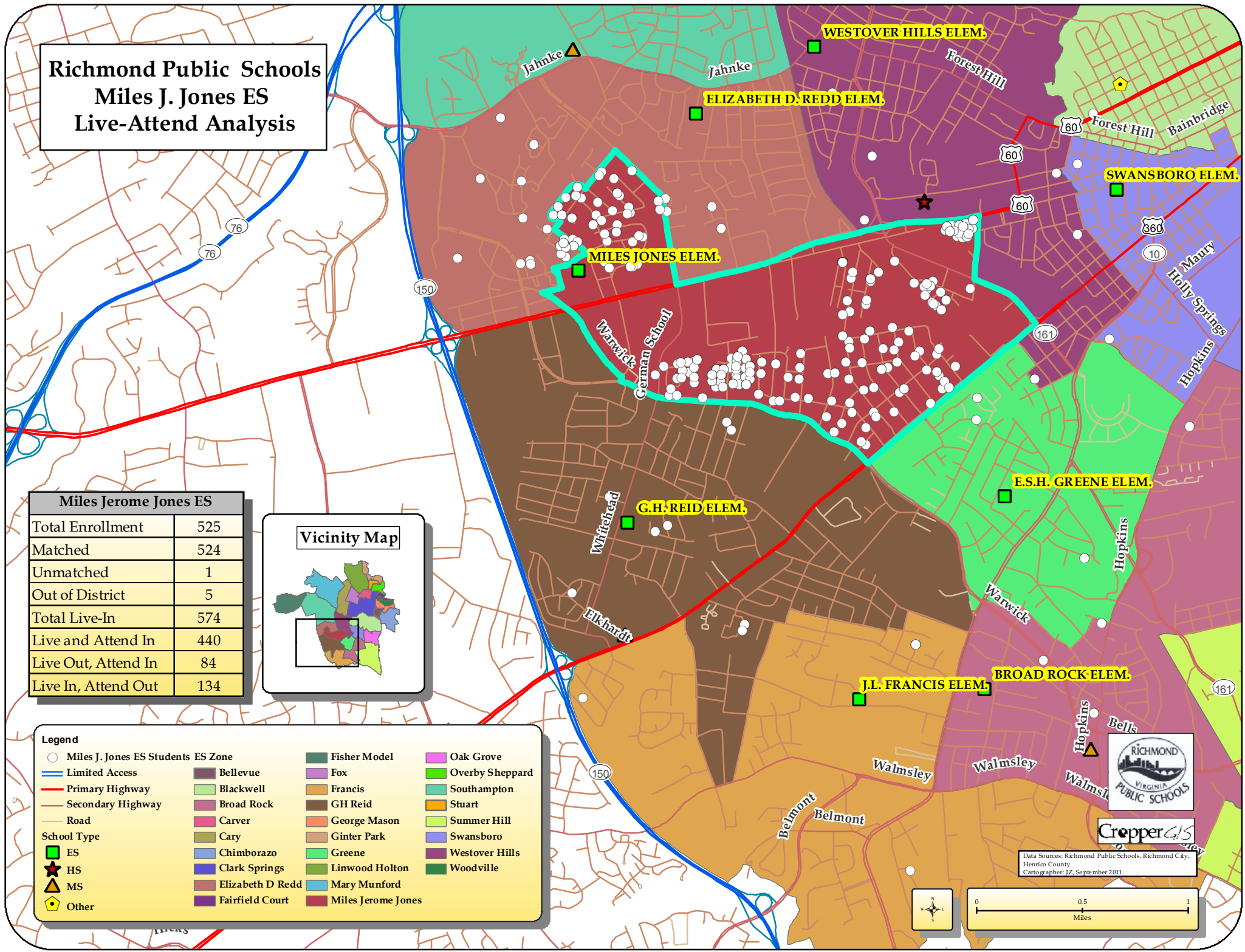
Richmond Public Schools Miles J. Jones ES Live-Attend Analysis

Miles Jerome Jones ES	
Total Enrollment	525
Matched	524
Unmatched	1
Out of District	5
Total Live-In	574
Live and Attend In	440
Live Out, Attend In	84
Live In, Attend Out	134



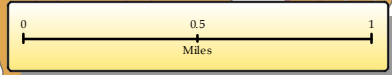
Legend

○ Miles J. Jones ES Students ES Zone	■ Fisher Model	■ Oak Grove
▬ Limited Access	■ Bellevue	■ Overby Sheppard
▬ Primary Highway	■ Blackwell	■ Southampton
▬ Secondary Highway	■ Broad Rock	■ Stuart
▬ Road	■ Carver	■ Summer Hill
School Type	■ Cary	■ Swansboro
■ ES	■ Chimborazo	■ Greene
★ HS	■ Clark Springs	■ Linwood Holton
▲ MS	■ Elizabeth D Redd	■ Mary Munford
◆ Other	■ Fairfield Court	■ Miles Jerome Jones
	■ Fox	■ Francis
	■ GH Reid	■ George Mason
	■ Ginter Park	■ Westover Hills
	■ Woodville	



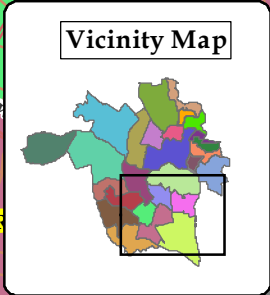
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



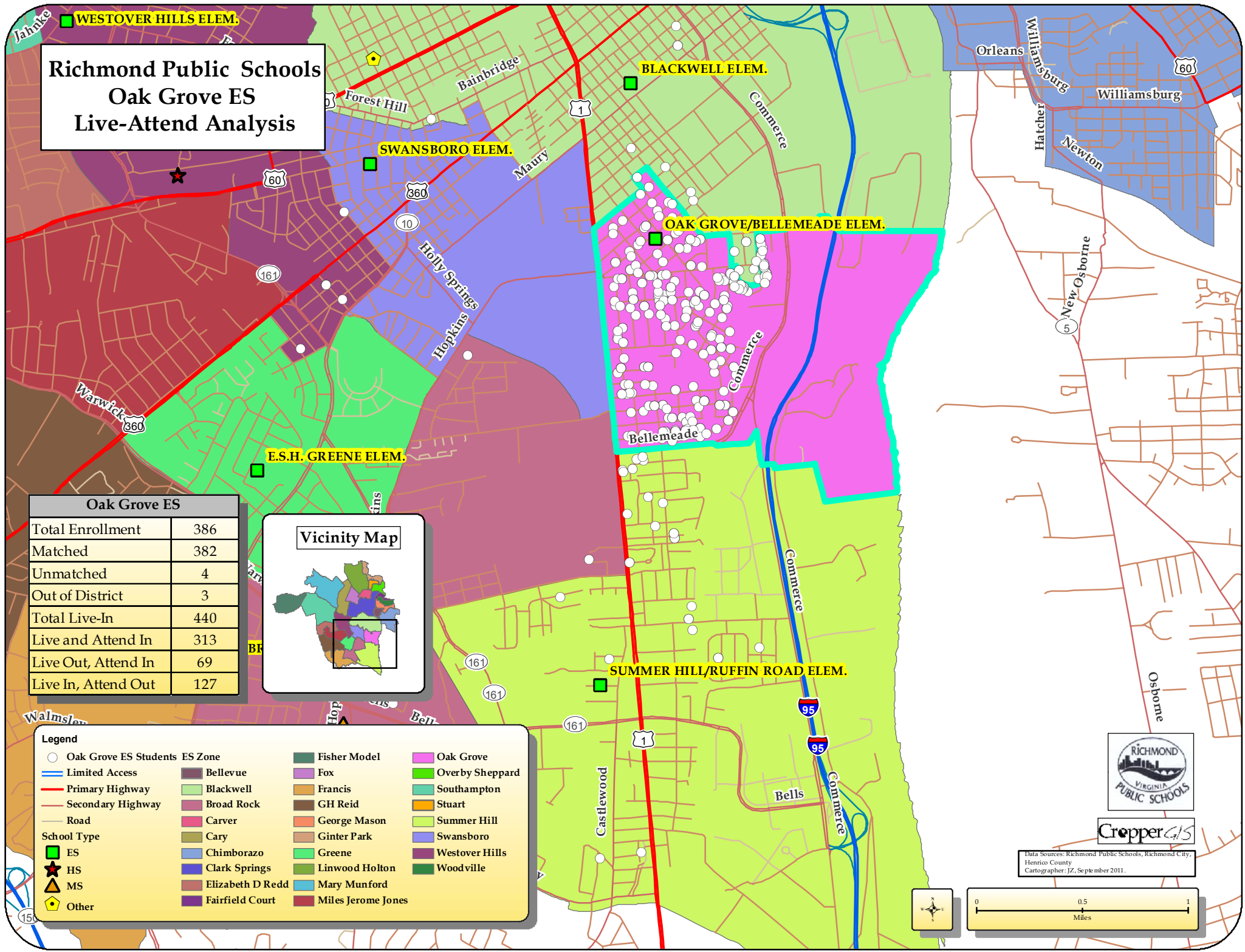
Richmond Public Schools Oak Grove ES Live-Attend Analysis

Oak Grove ES	
Total Enrollment	386
Matched	382
Unmatched	4
Out of District	3
Total Live-In	440
Live and Attend In	313
Live Out, Attend In	69
Live In, Attend Out	127

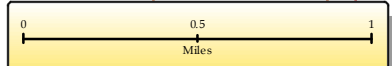


Legend

- Oak Grove ES Students
- ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Bellevue
- Blackwell
- Broad Rock
- Carver
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fisher Model
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville

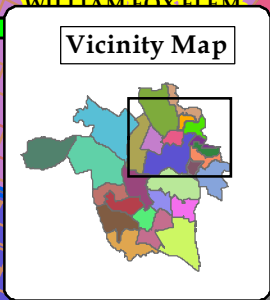


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Overby-Sheppard ES Live-Attend Analysis

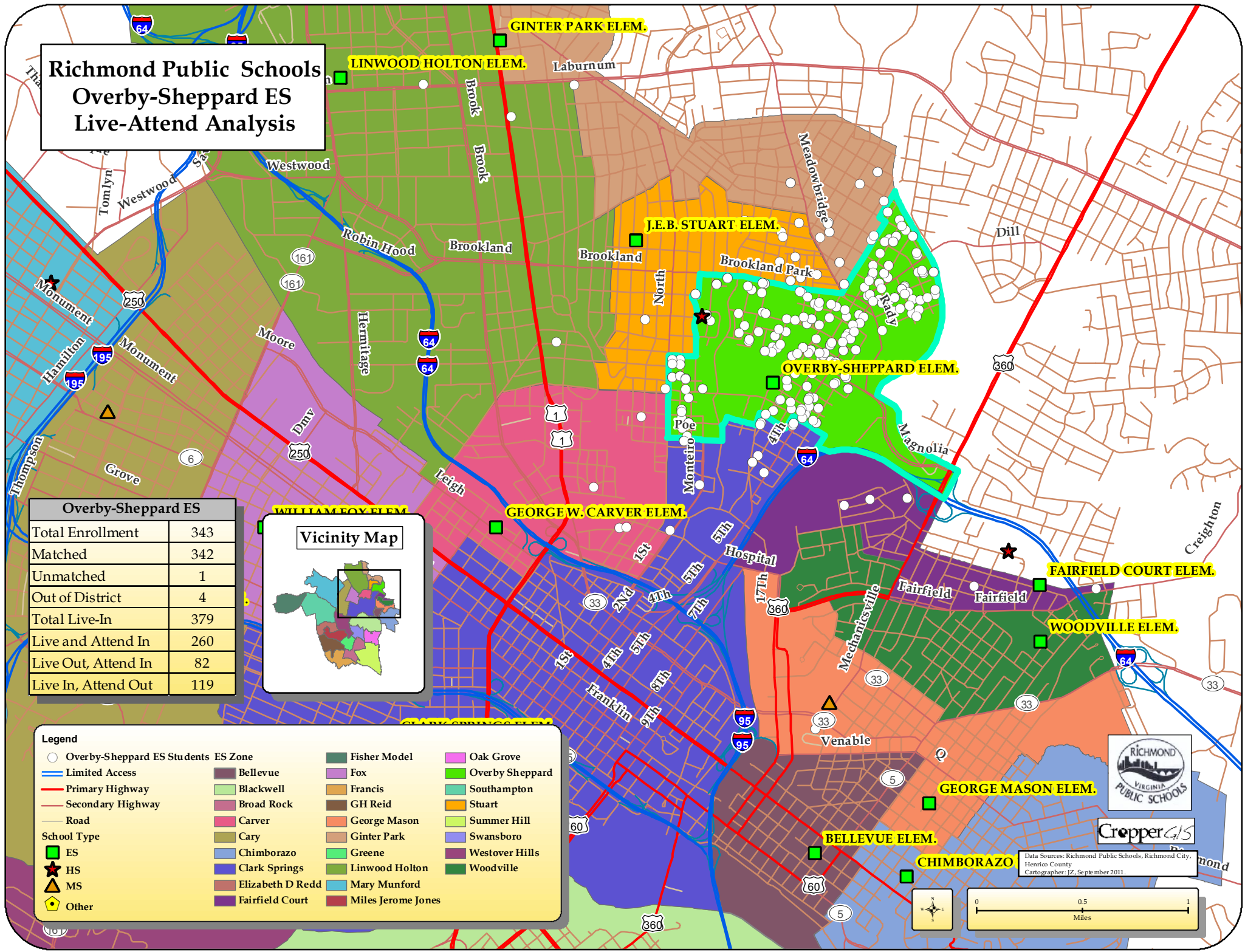
Overby-Sheppard ES	
Total Enrollment	343
Matched	342
Unmatched	1
Out of District	4
Total Live-In	379
Live and Attend In	260
Live Out, Attend In	82
Live In, Attend Out	119



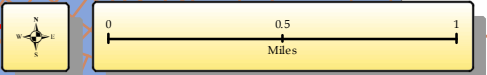
Legend

- Overby-Sheppard ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- ES
- ★ HS
- ▲ MS
- ◆ Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Greene	Swansboro
Clark Springs	Linwood Holton	Westover Hills
Elizabeth D Redd	Mary Munford	Woodville
Fairfield Court	Miles Jerome Jones	



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Southampton ES Live-Attend Analysis

J.B. FISHER ELEM.

SOUTHAMPTON ELEM.

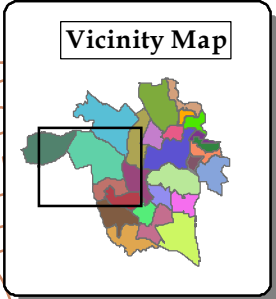
JOHN B. CARY ELEM.

WESTOVER HILLS ELEM.

ELIZABETH D. REDD ELEM.

MILES JONES ELEM.

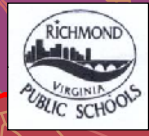
Southampton ES	
Total Enrollment	512
Matched	512
Unmatched	0
Out of District	26
Total Live-In	531
Live and Attend In	373
Live Out, Attend In	139
Live In, Attend Out	158



Legend

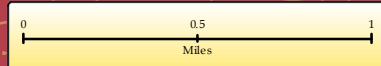
- Southampton ES Students
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- ES
- ★ HS
- ▲ MS
- ◆ Other

ES Zone	
Bellevue	Fisher Model
Blackwell	Fox
Broad Rock	Francis
Carver	GH Reid
Cary	George Mason
Chimborazo	Ginter Park
Clark Springs	Greene
Elizabeth D Redd	Mary Munford
Fairfield Court	Miles Jerome Jones
	Oak Grove
	Overby Sheppard
	Southampton
	Stuart
	Summer Hill
	Swansboro
	Westover Hills
	Woodville

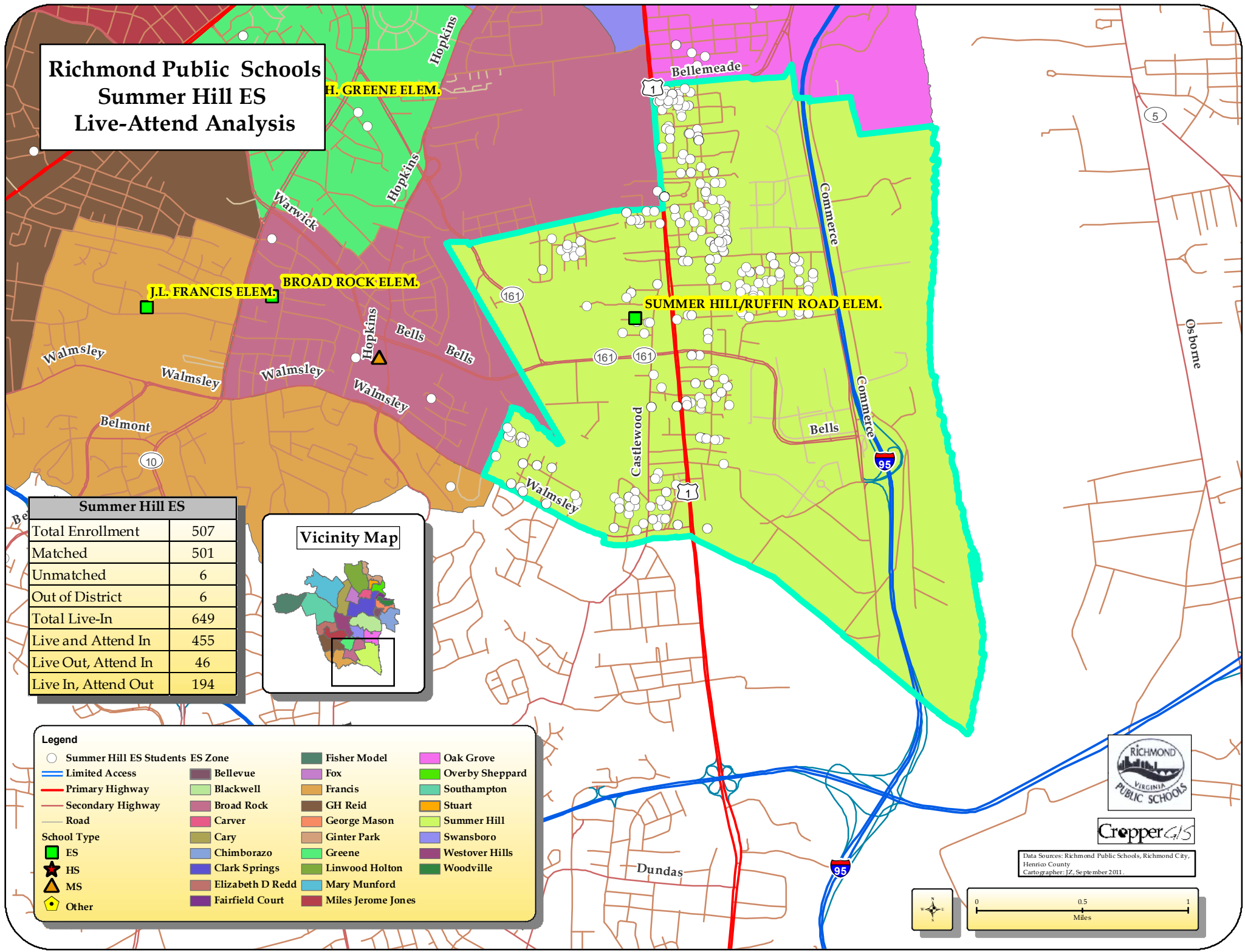


CropperGIS

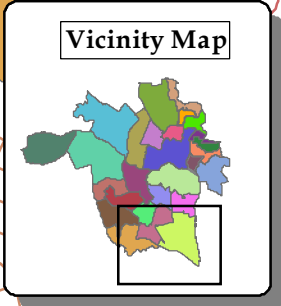
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Summer Hill ES Live-Attend Analysis



Summer Hill ES	
Total Enrollment	507
Matched	501
Unmatched	6
Out of District	6
Total Live-In	649
Live and Attend In	455
Live Out, Attend In	46
Live In, Attend Out	194



Legend

- Summer Hill ES Students
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

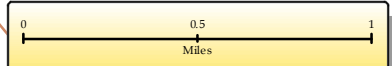
ES Zone	
■ Bellevue	■ Fox
■ Blackwell	■ Francis
■ Broad Rock	■ GH Reid
■ Carver	■ George Mason
■ Cary	■ Ginter Park
■ Chimborazo	■ Greene
■ Clark Springs	■ Linwood Holton
■ Elizabeth D Redd	■ Mary Munford
■ Fairfield Court	■ Miles Jerome Jones

■ Fisher Model	■ Oak Grove
■ Overby Sheppard	■ Southampton
■ Stuart	■ Summer Hill
■ Swansboro	■ Westover Hills
■ Woodville	



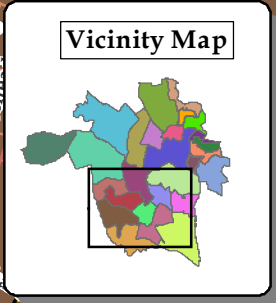
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



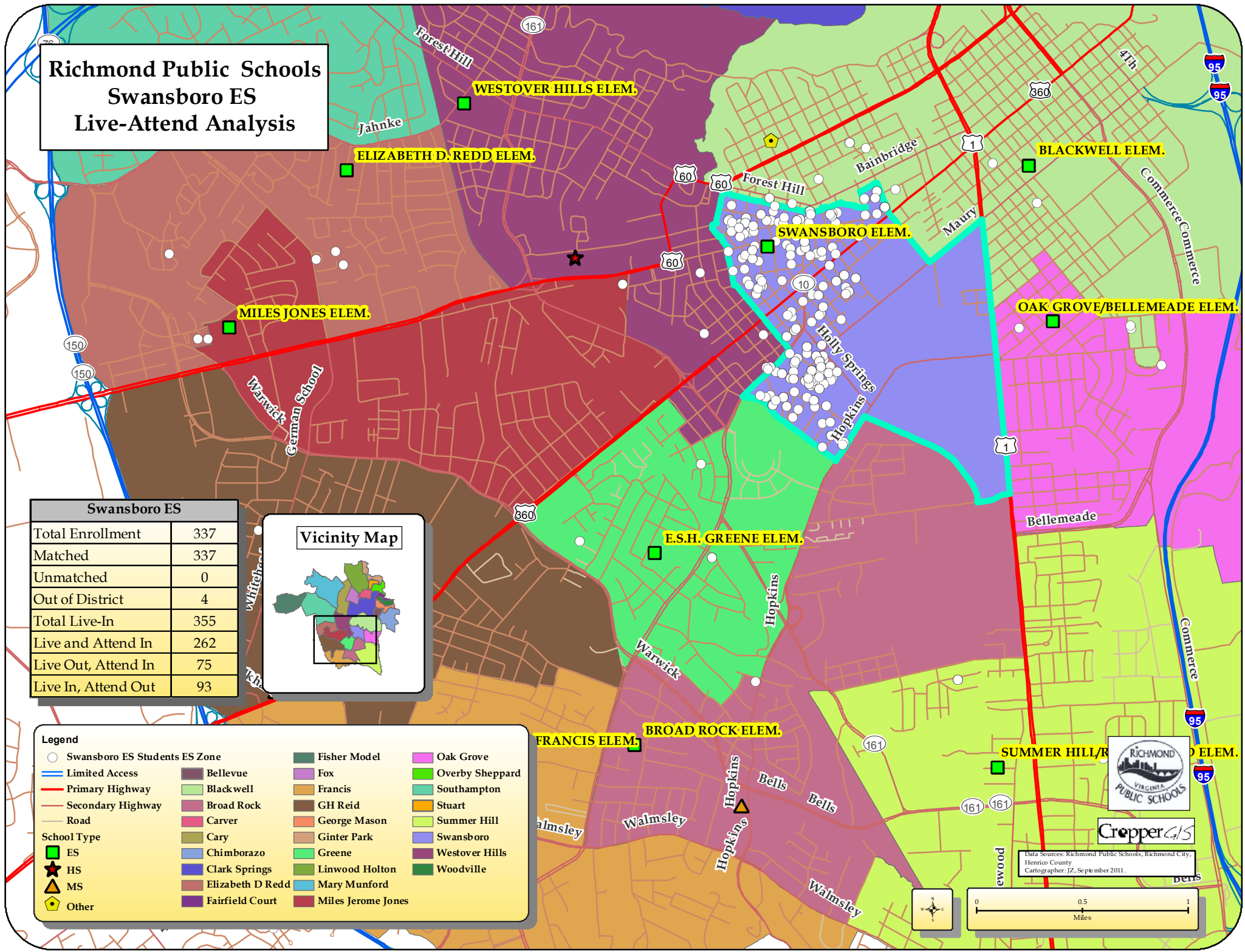
Richmond Public Schools Swansboro ES Live-Attend Analysis

Swansboro ES	
Total Enrollment	337
Matched	337
Unmatched	0
Out of District	4
Total Live-In	355
Live and Attend In	262
Live Out, Attend In	75
Live In, Attend Out	93



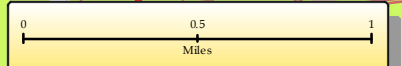
Legend

- Swansboro ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Fisher Model
- Bellevue
- Blackwell
- Broad Rock
- Carver
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville



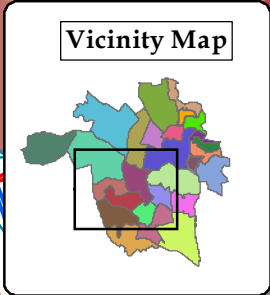
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



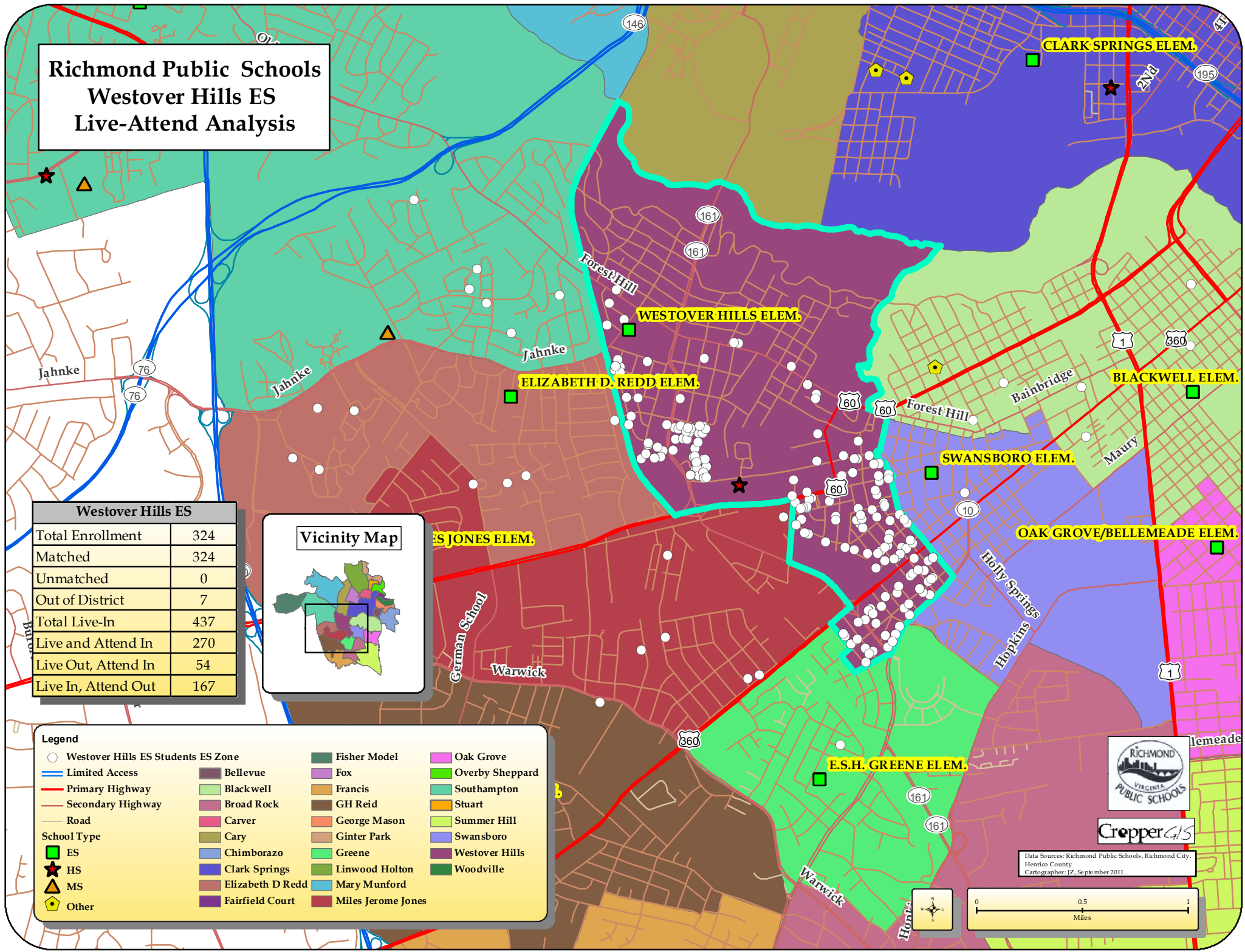
Richmond Public Schools Westover Hills ES Live-Attend Analysis

Westover Hills ES	
Total Enrollment	324
Matched	324
Unmatched	0
Out of District	7
Total Live-In	437
Live and Attend In	270
Live Out, Attend In	54
Live In, Attend Out	167

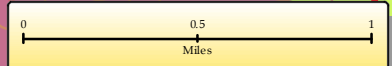


Legend

- Westover Hills ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type**
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Fisher Model
- Bellevue
- Blackwell
- Broad Rock
- Carver
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville

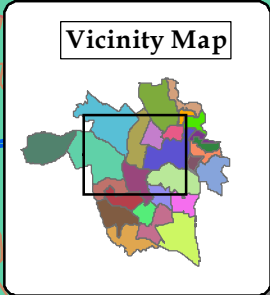


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



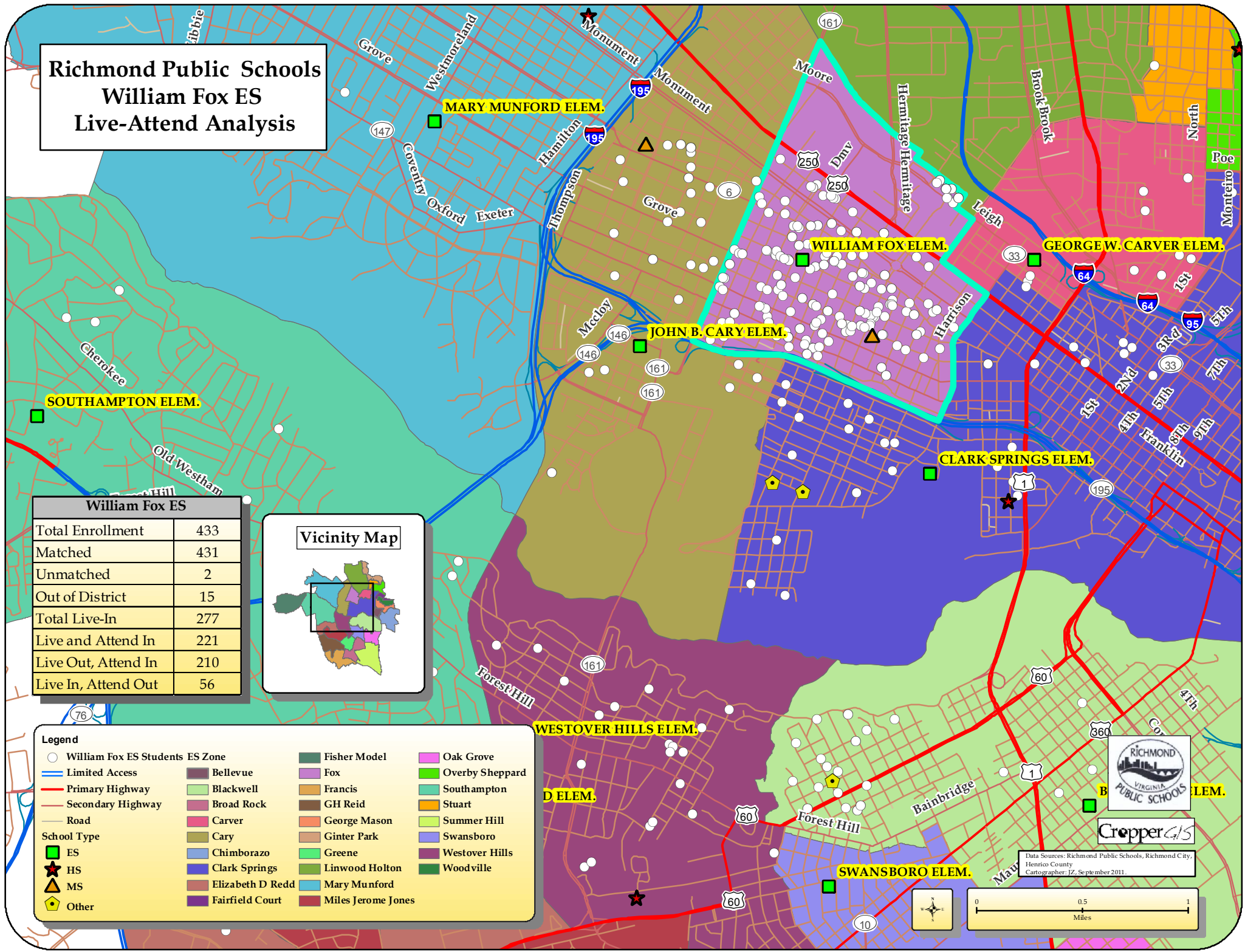
Richmond Public Schools William Fox ES Live-Attend Analysis

William Fox ES	
Total Enrollment	433
Matched	431
Unmatched	2
Out of District	15
Total Live-In	277
Live and Attend In	221
Live Out, Attend In	210
Live In, Attend Out	56



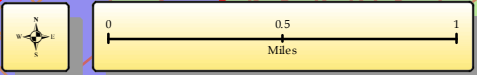
Legend

- William Fox ES Students ES Zone
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- Fisher Model
- Bellevue
- Blackwell
- Broad Rock
- Cary
- Chimborazo
- Clark Springs
- Elizabeth D Redd
- Fairfield Court
- Fox
- Francis
- GH Reid
- George Mason
- Ginter Park
- Greene
- Linwood Holton
- Mary Munford
- Miles Jerome Jones
- Oak Grove
- Overby Sheppard
- Southampton
- Stuart
- Summer Hill
- Swansboro
- Westover Hills
- Woodville



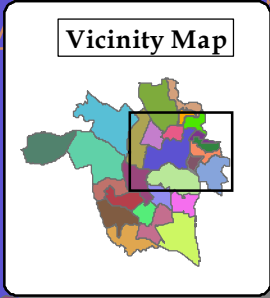
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Woodville ES Live-Attend Analysis

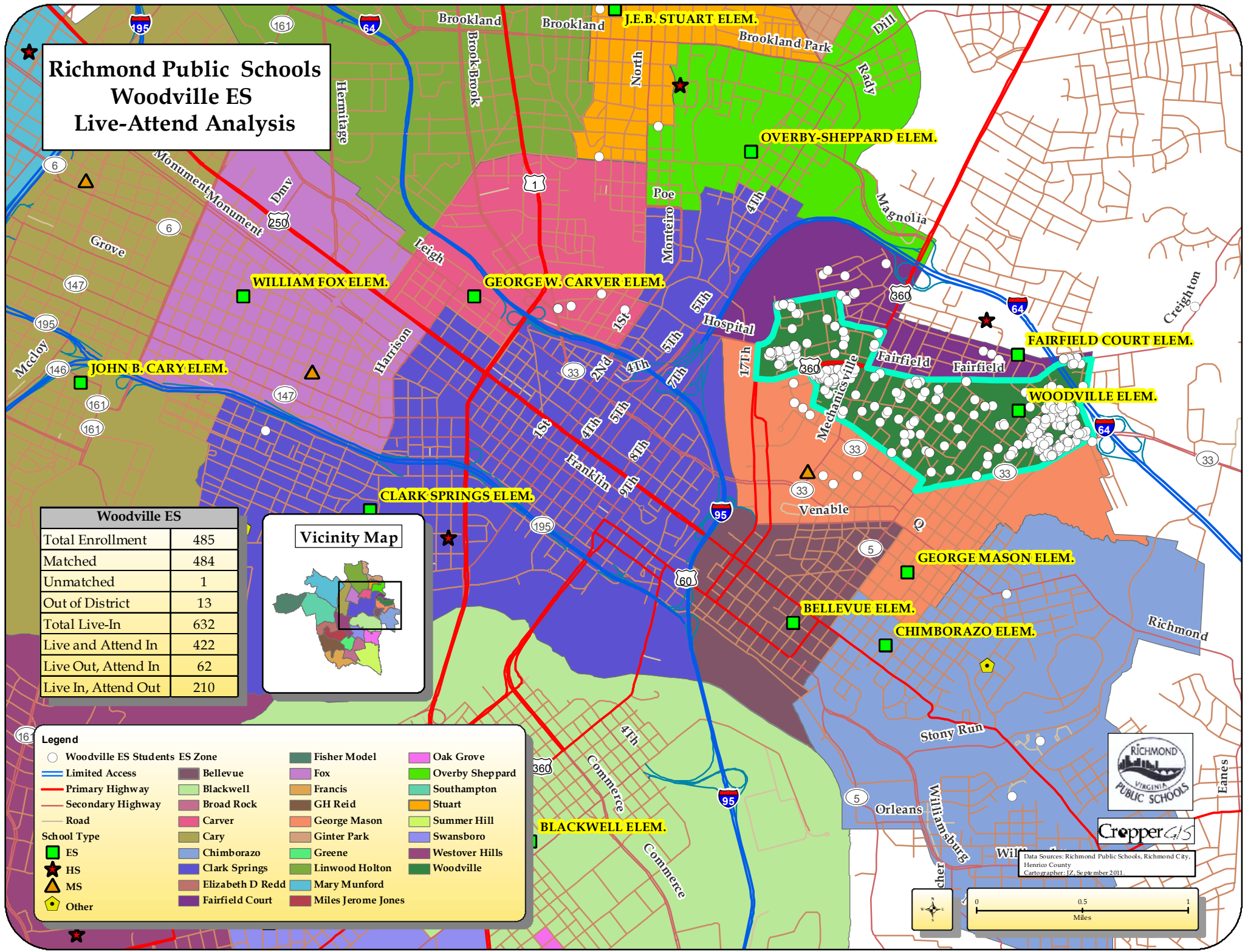
Woodville ES	
Total Enrollment	485
Matched	484
Unmatched	1
Out of District	13
Total Live-In	632
Live and Attend In	422
Live Out, Attend In	62
Live In, Attend Out	210



Legend

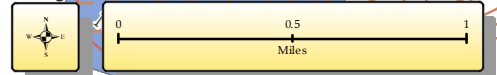
- Woodville ES Students ES Zone
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other

Bellevue	Fisher Model	Oak Grove
Blackwell	Fox	Overby Sheppard
Broad Rock	Francis	Southampton
Carver	GH Reid	Stuart
Cary	George Mason	Summer Hill
Chimborazo	Ginter Park	Swansboro
Clark Springs	Greene	Westover Hills
Elizabeth D Redd	Linwood Holton	Woodville
Fairfield Court	Mary Munford	
Miles Jerome Jones		



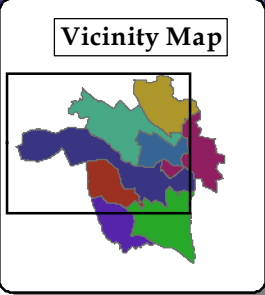
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: IZ, September 2011.



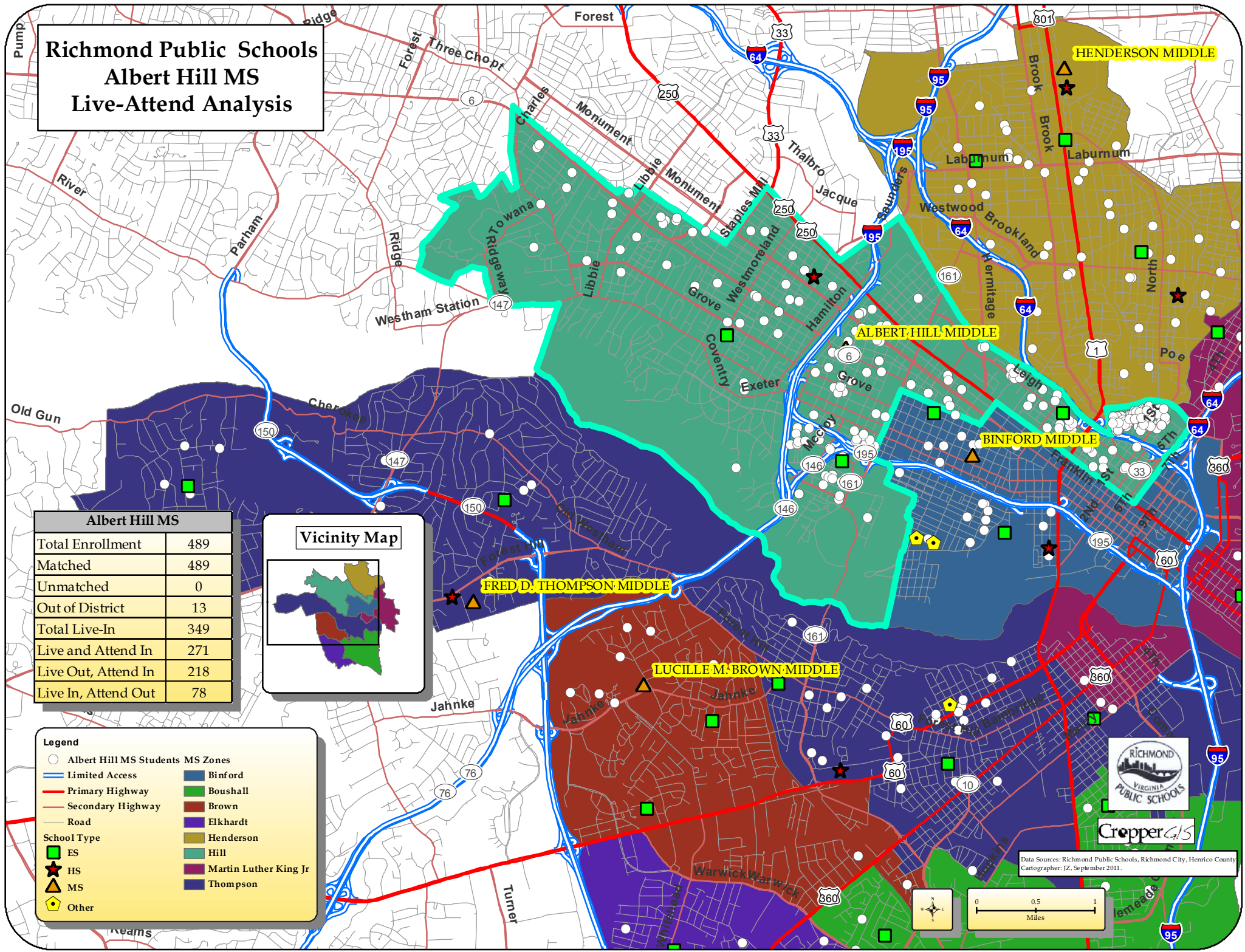
Richmond Public Schools Albert Hill MS Live-Attend Analysis

Albert Hill MS	
Total Enrollment	489
Matched	489
Unmatched	0
Out of District	13
Total Live-In	349
Live and Attend In	271
Live Out, Attend In	218
Live In, Attend Out	78

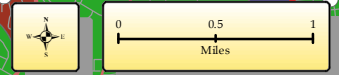


Legend

- Albert Hill MS Students MS Zones
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- ▬ School Type
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Binford
- Boushall
- Brown
- Elkhart
- Henderson
- Hill
- Martin Luther King Jr
- Thompson



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.

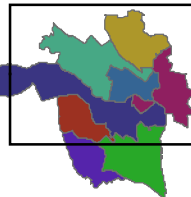


CropperGIS

Richmond Public Schools Binford MS Live-Attend Analysis

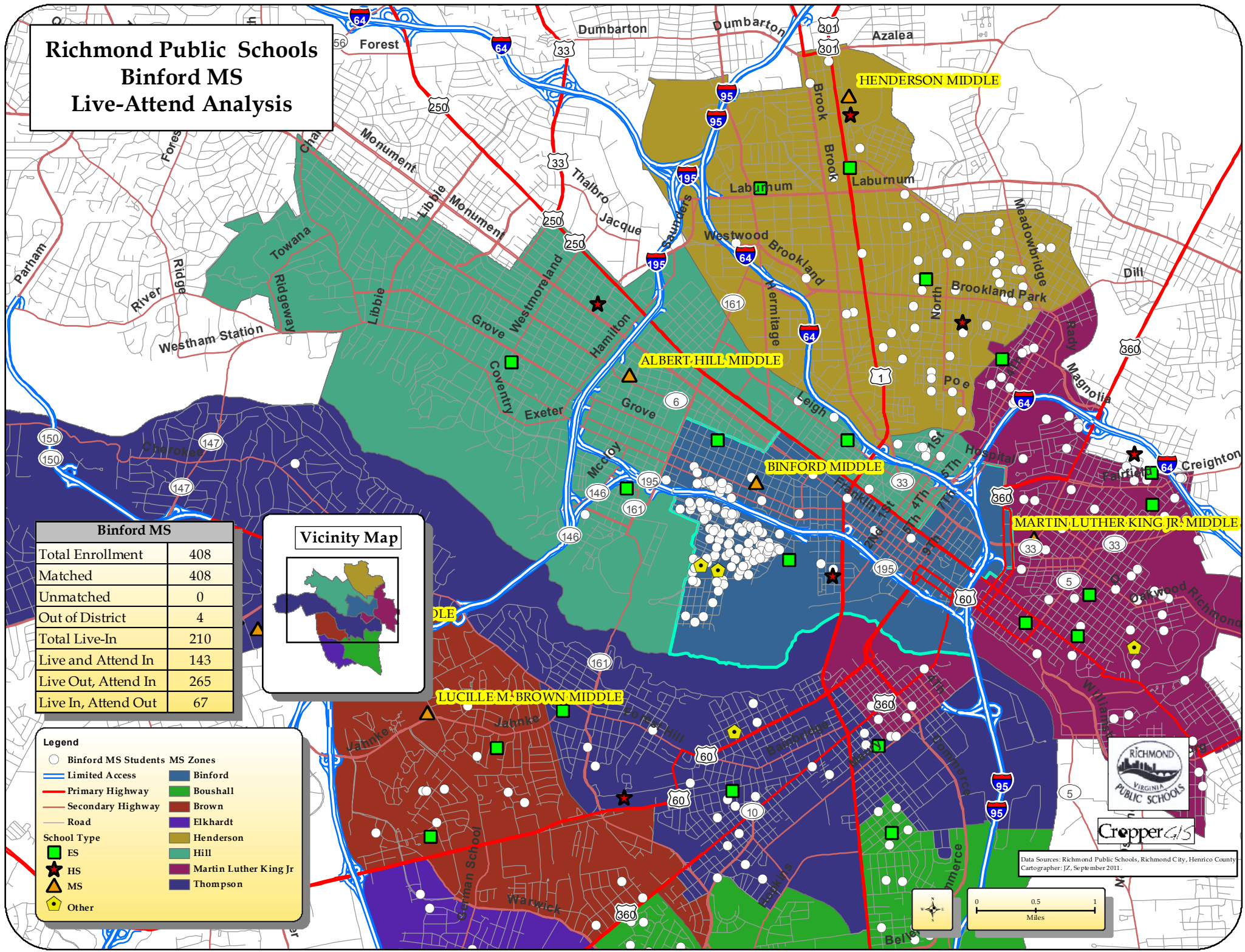
Binford MS	
Total Enrollment	408
Matched	408
Unmatched	0
Out of District	4
Total Live-In	210
Live and Attend In	143
Live Out, Attend In	265
Live In, Attend Out	67

Vicinity Map



Legend

- Binford MS Students
- MS Zones
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- ES
- ★ HS
- ▲ MS
- ◆ Other
- Binford
- Boushall
- Brown
- Elkhardt
- Henderson
- Hill
- Martin Luther King Jr
- Thompson

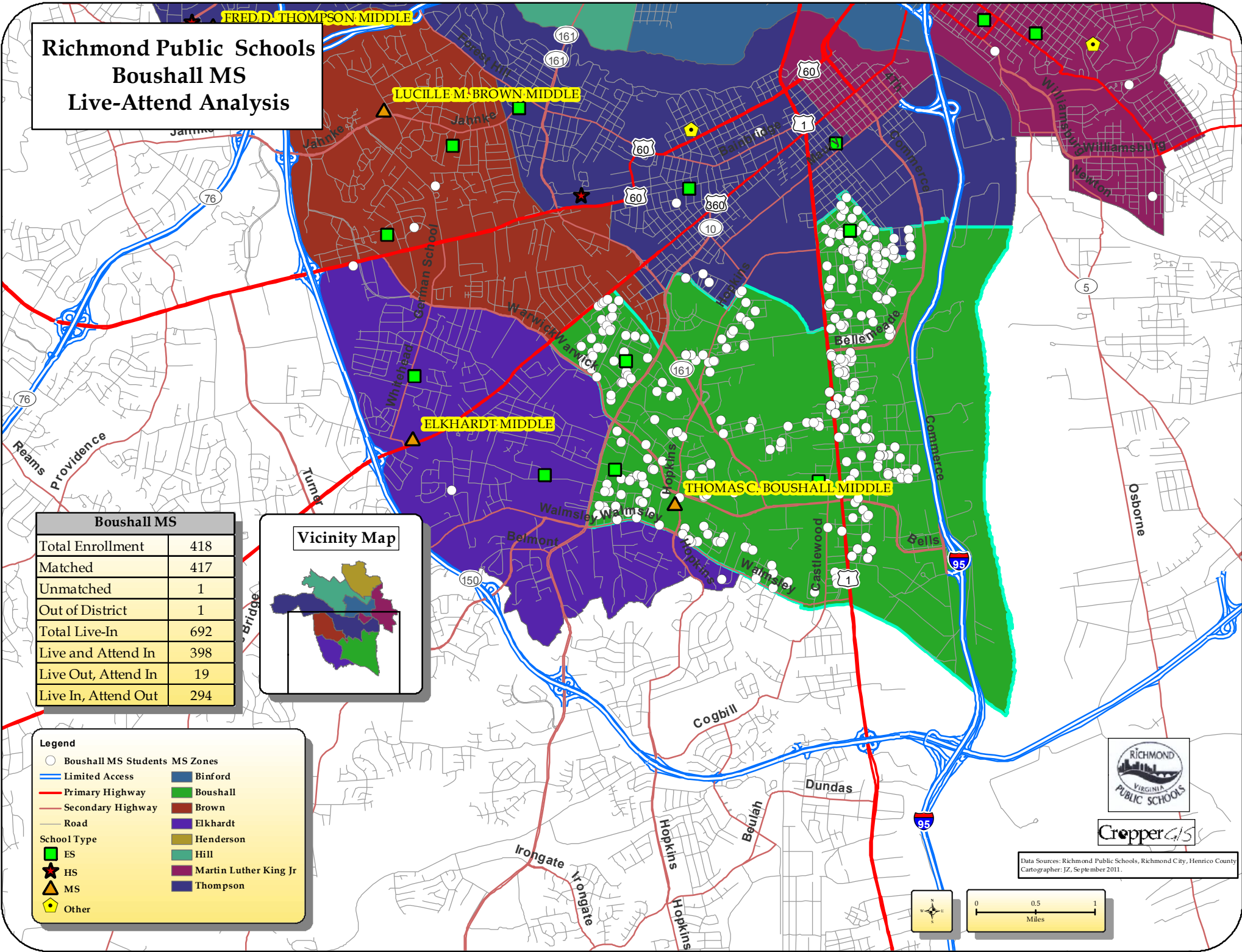


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.

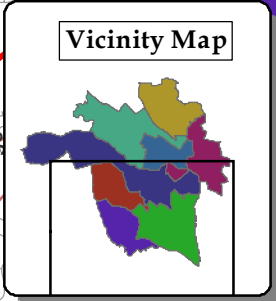


CropperGIS

Richmond Public Schools Boushall MS Live-Attend Analysis



Boushall MS	
Total Enrollment	418
Matched	417
Unmatched	1
Out of District	1
Total Live-In	692
Live and Attend In	398
Live Out, Attend In	19
Live In, Attend Out	294



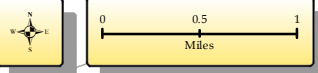
Legend

- Boushall MS Students MS Zones
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- MS Zones
 - Binford
 - Boushall
 - Brown
 - Elkhardt
 - Henderson
 - Hill
 - Martin Luther King Jr
 - Thompson



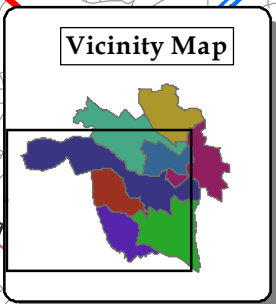
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



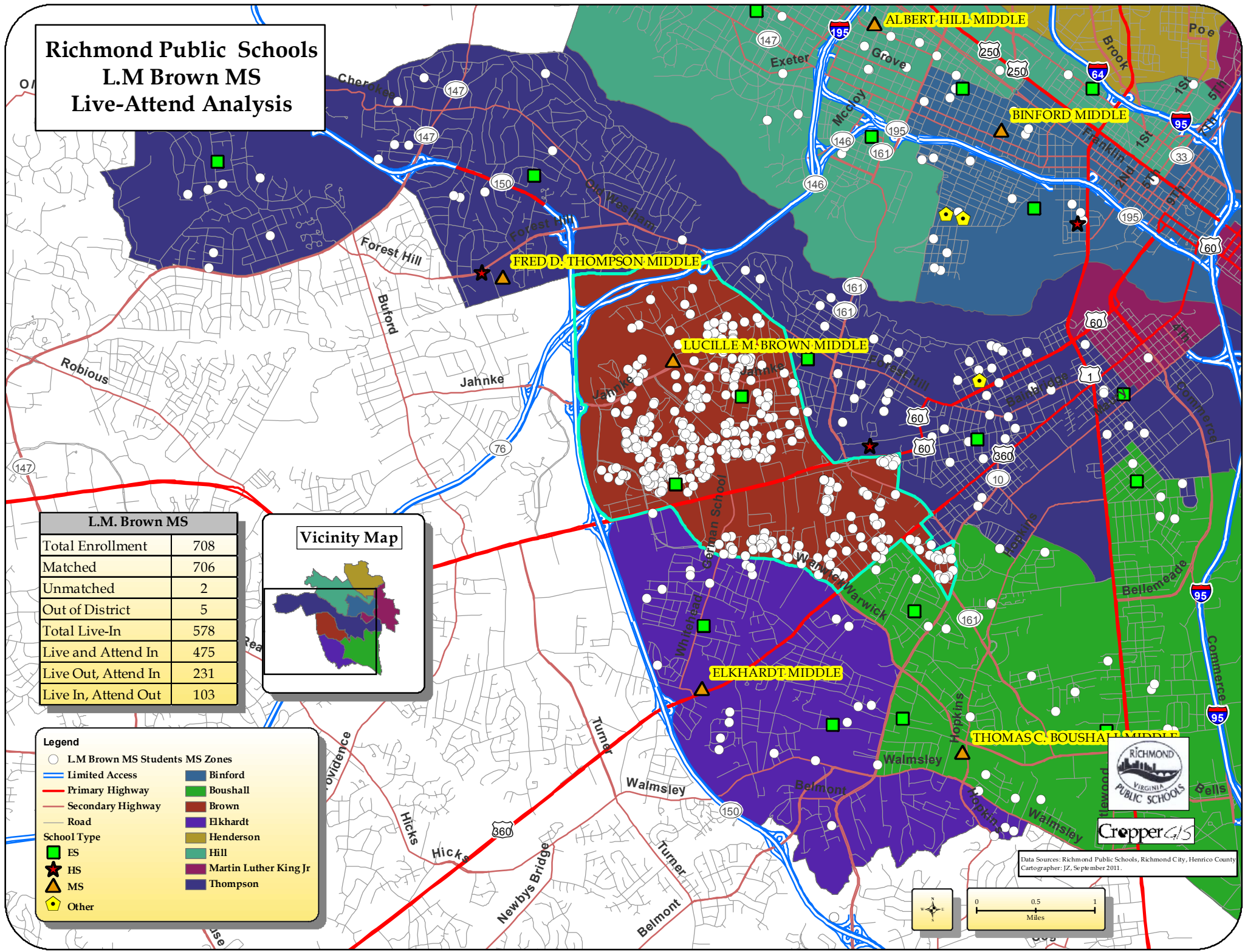
Richmond Public Schools L.M Brown MS Live-Attend Analysis

L.M. Brown MS	
Total Enrollment	708
Matched	706
Unmatched	2
Out of District	5
Total Live-In	578
Live and Attend In	475
Live Out, Attend In	231
Live In, Attend Out	103

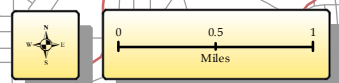


Legend

- L.M Brown MS Students
- MS Zones
- Blue line: Limited Access
- Red line: Primary Highway
- Orange line: Secondary Highway
- Black line: Road
- Green square: ES
- Black star: HS
- Yellow triangle: MS
- Yellow house: Other
- Blue square: Binford
- Green square: Boushall
- Brown square: Brown
- Purple square: Elkhardt
- Olive square: Henderson
- Light green square: Hill
- Pink square: Martin Luther King Jr
- Dark blue square: Thompson

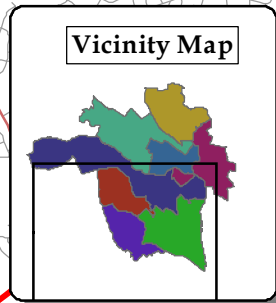


Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



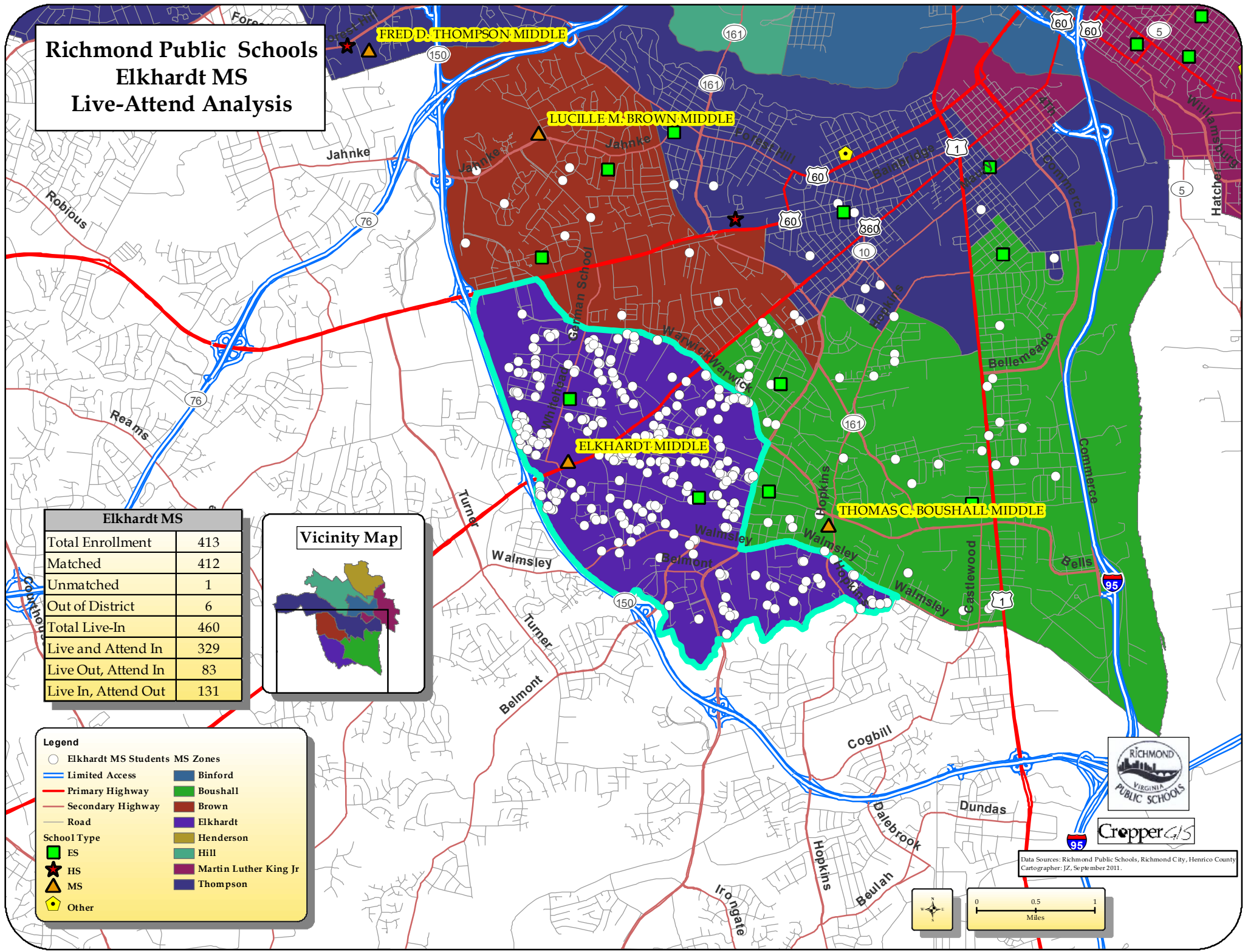
Richmond Public Schools Elkhardt MS Live-Attend Analysis

Elkhardt MS	
Total Enrollment	413
Matched	412
Unmatched	1
Out of District	6
Total Live-In	460
Live and Attend In	329
Live Out, Attend In	83
Live In, Attend Out	131



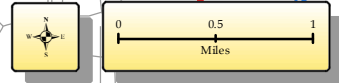
Legend

- Elkhardt MS Students MS Zones
- Blue line: Limited Access
- Red line: Primary Highway
- Orange line: Secondary Highway
- Grey line: Road
- Green square: School Type ES
- Star: HS
- Yellow triangle: MS
- Yellow pentagon: Other
- Dark blue square: Binford
- Green square: Boushall
- Brown square: Brown
- Purple square: Elkhardt
- Olive square: Henderson
- Light green square: Hill
- Purple square: Martin Luther King Jr
- Dark blue square: Thompson

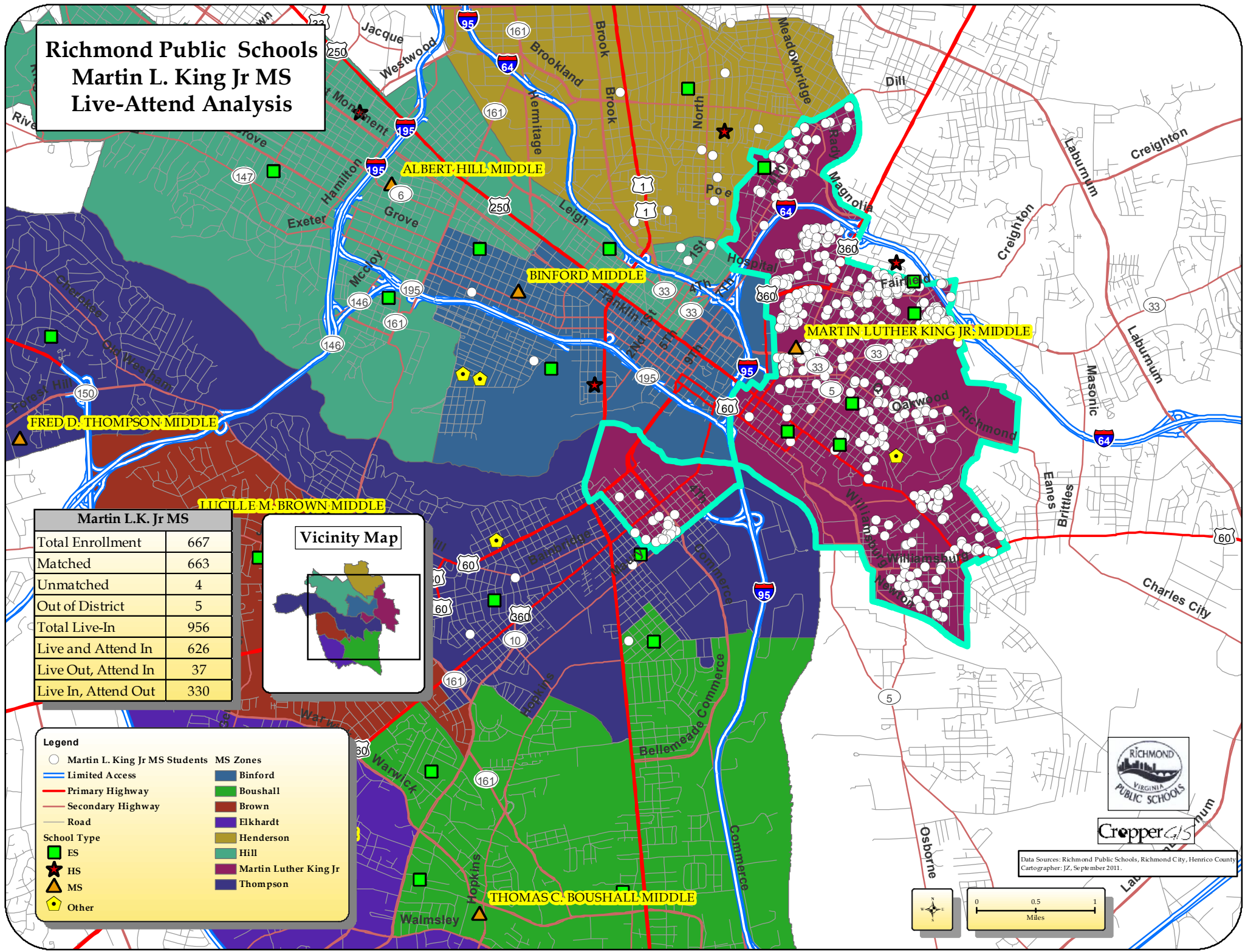


CropperGIS

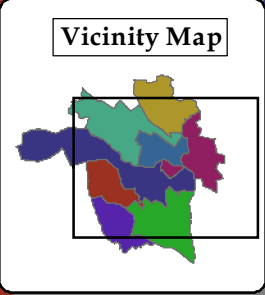
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Martin L. King Jr MS Live-Attend Analysis



Martin L.K. Jr MS	
Total Enrollment	667
Matched	663
Unmatched	4
Out of District	5
Total Live-In	956
Live and Attend In	626
Live Out, Attend In	37
Live In, Attend Out	330



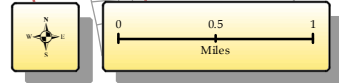
Legend

- Martin L. King Jr MS Students
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- MS Zones
 - Binford
 - Boushall
 - Brown
 - Elkhardt
 - Henderson
 - Hill
 - Martin Luther King Jr
 - Thompson

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



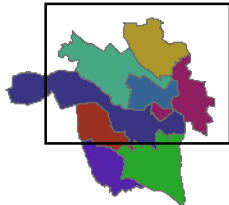
CropperGIS



Richmond Public Schools Thomas H. Henderson MS Live-Attend Analysis

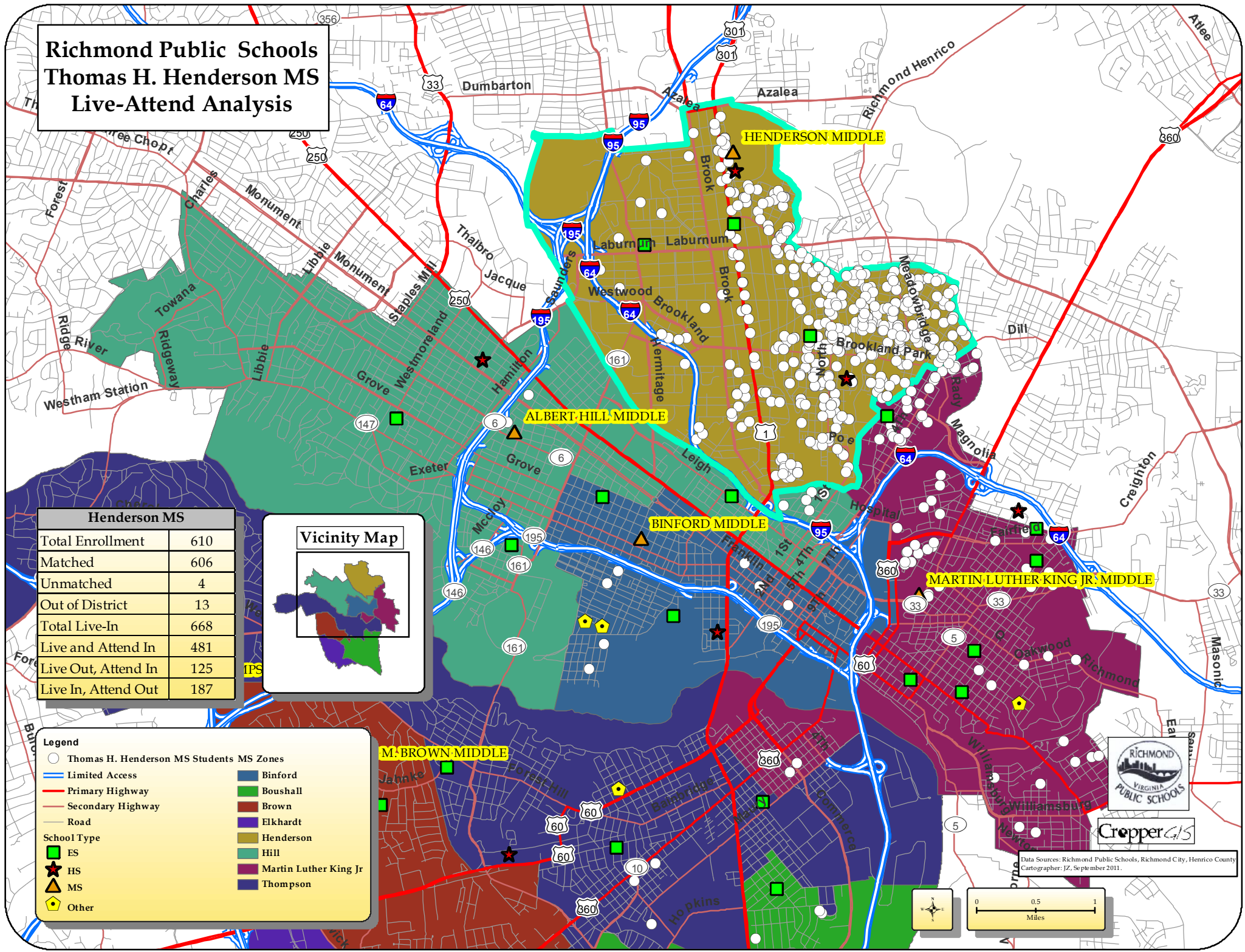
Henderson MS	
Total Enrollment	610
Matched	606
Unmatched	4
Out of District	13
Total Live-In	668
Live and Attend In	481
Live Out, Attend In	125
Live In, Attend Out	187

Vicinity Map



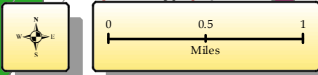
Legend

- Thomas H. Henderson MS Students MS Zones
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- MS Zones
 - Binford
 - Boushall
 - Brown
 - Elkhardt
 - Henderson
 - Hill
 - Martin Luther King Jr
 - Thompson



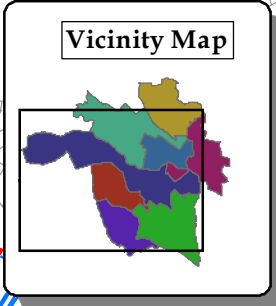
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



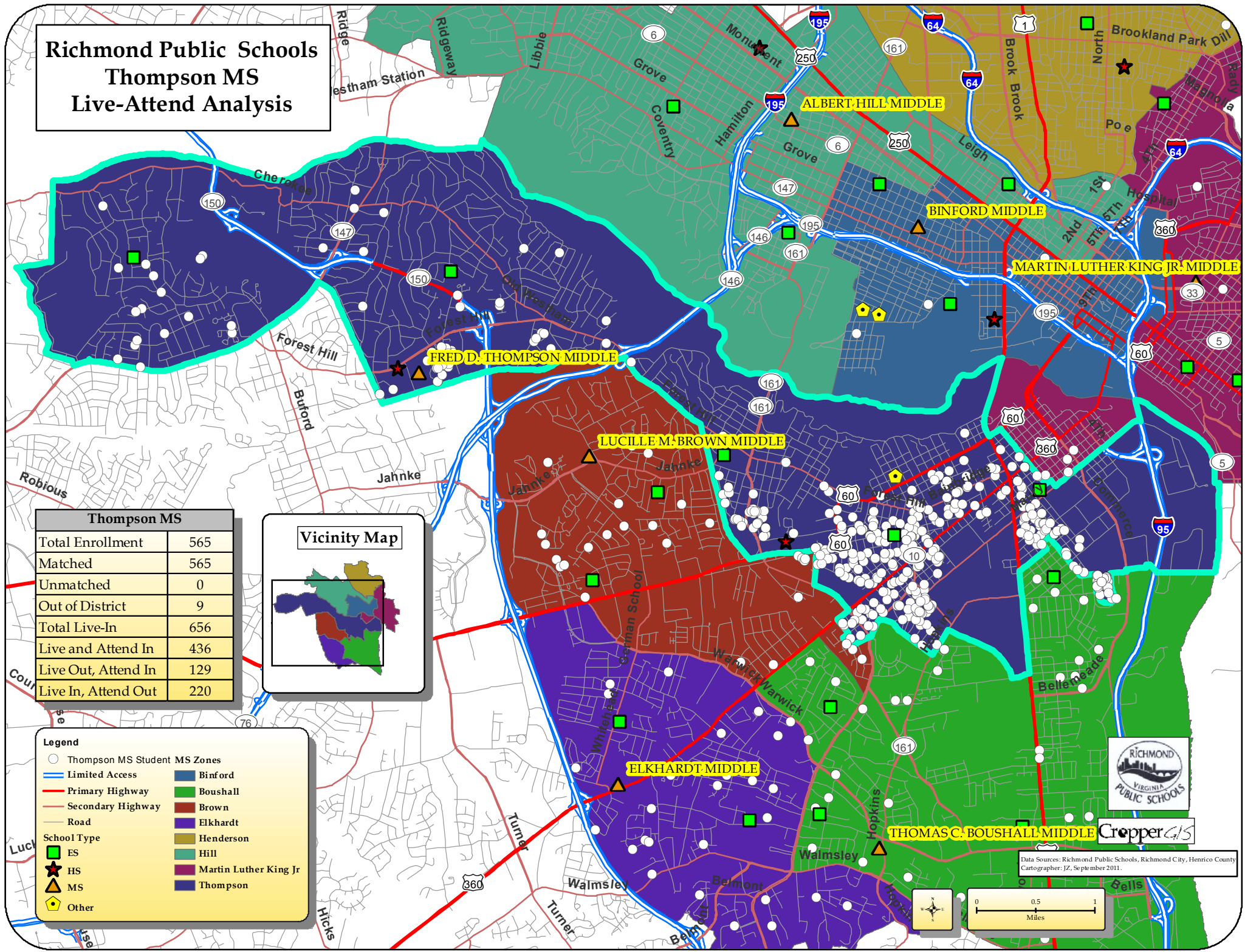
Richmond Public Schools Thompson MS Live-Attend Analysis

Thompson MS	
Total Enrollment	565
Matched	565
Unmatched	0
Out of District	9
Total Live-In	656
Live and Attend In	436
Live Out, Attend In	129
Live In, Attend Out	220



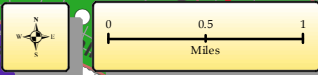
Legend

- Thompson MS Student MS Zones
- Limited Access
- Primary Highway
- Secondary Highway
- Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- MS Zones
 - Binford
 - Boushall
 - Brown
 - Elkhardt
 - Henderson
 - Hill
 - Martin Luther King Jr
 - Thompson



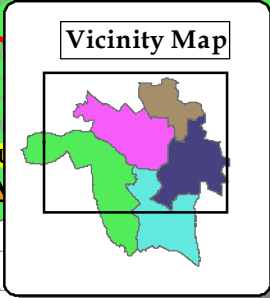
CropperGIS

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools Thomas Jefferson HS Live-Attend Analysis

Thomas Jefferson HS	
Total Enrollment	811
Matched	808
Unmatched	3
Out of District	12
Total Live-In	500
Live and Attend In	388
Live Out, Attend In	420
Live In, Attend Out	112

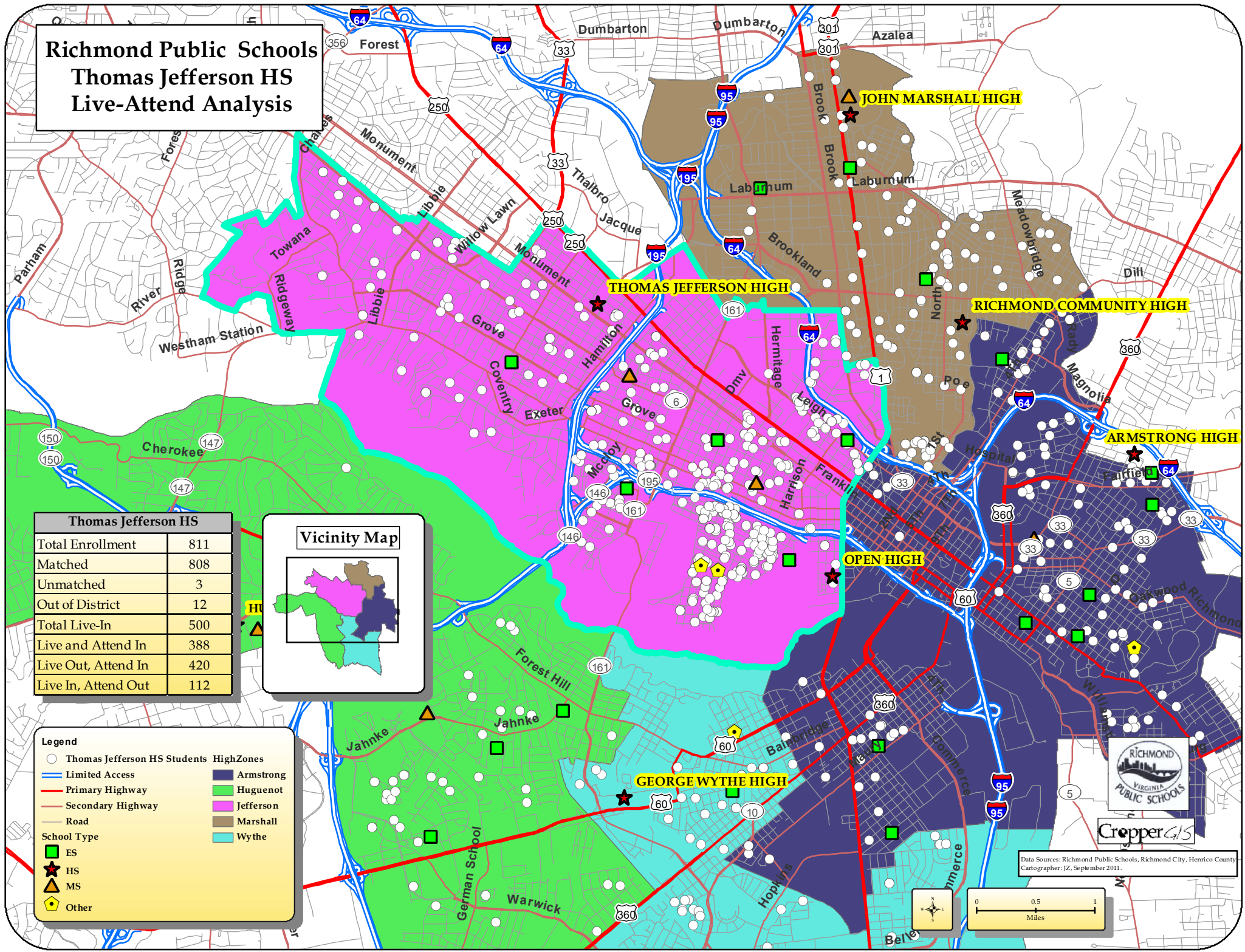


Legend

- Thomas Jefferson HS Students
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- ES
- ★ HS
- ▲ MS
- ◆ Other

HighZones

- Armstrong
- Huguenot
- Jefferson
- Marshall
- Wythe



Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.

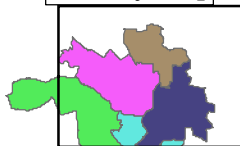


CropperGIS

Richmond Public Schools John Marshall HS Live-Attend Analysis

John Marshall HS	
Total Enrollment	891
Matched	888
Unmatched	3
Out of District	28
Total Live-In	1096
Live and Attend In	740
Live Out, Attend In	148
Live In, Attend Out	356

Vicinity Map



Legend	
○ John Marshall HS Students HighZones	■ Armstrong
— Limited Access	■ Huguenot
— Primary Highway	■ Jefferson
— Secondary Highway	■ Marshall
— Road	■ Wythe
School Type	
■ ES	
★ HS	
▲ MS	
◆ Other	

GEORGE WYTHE HIGH

OPEN HIGH

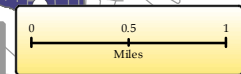
ARMSTRONG HIGH

RICHMOND COMMUNITY HIGH

THOMAS JEFFERSON HIGH

JOHN MARSHALL HIGH

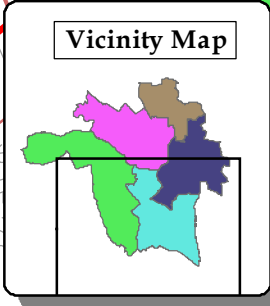
Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.



Richmond Public Schools George Wythe HS Live-Attend Analysis

GEORGE WYTHE HIGH

George Wythe HS	
Total Enrollment	821
Matched	818
Unmatched	3
Out of District	2
Total Live-In	1207
Live and Attend In	710
Live Out, Attend In	108
Live In, Attend Out	497



Legend

- George Wythe HS Students HighZones
- ▬ Limited Access
- ▬ Primary Highway
- ▬ Secondary Highway
- ▬ Road
- School Type
 - ES
 - ★ HS
 - ▲ MS
 - ◆ Other
- Armstrong
- Huguenot
- Jefferson
- Marshall
- Wythe

Data Sources: Richmond Public Schools, Richmond City, Henrico County
Cartographer: JZ, September 2011.

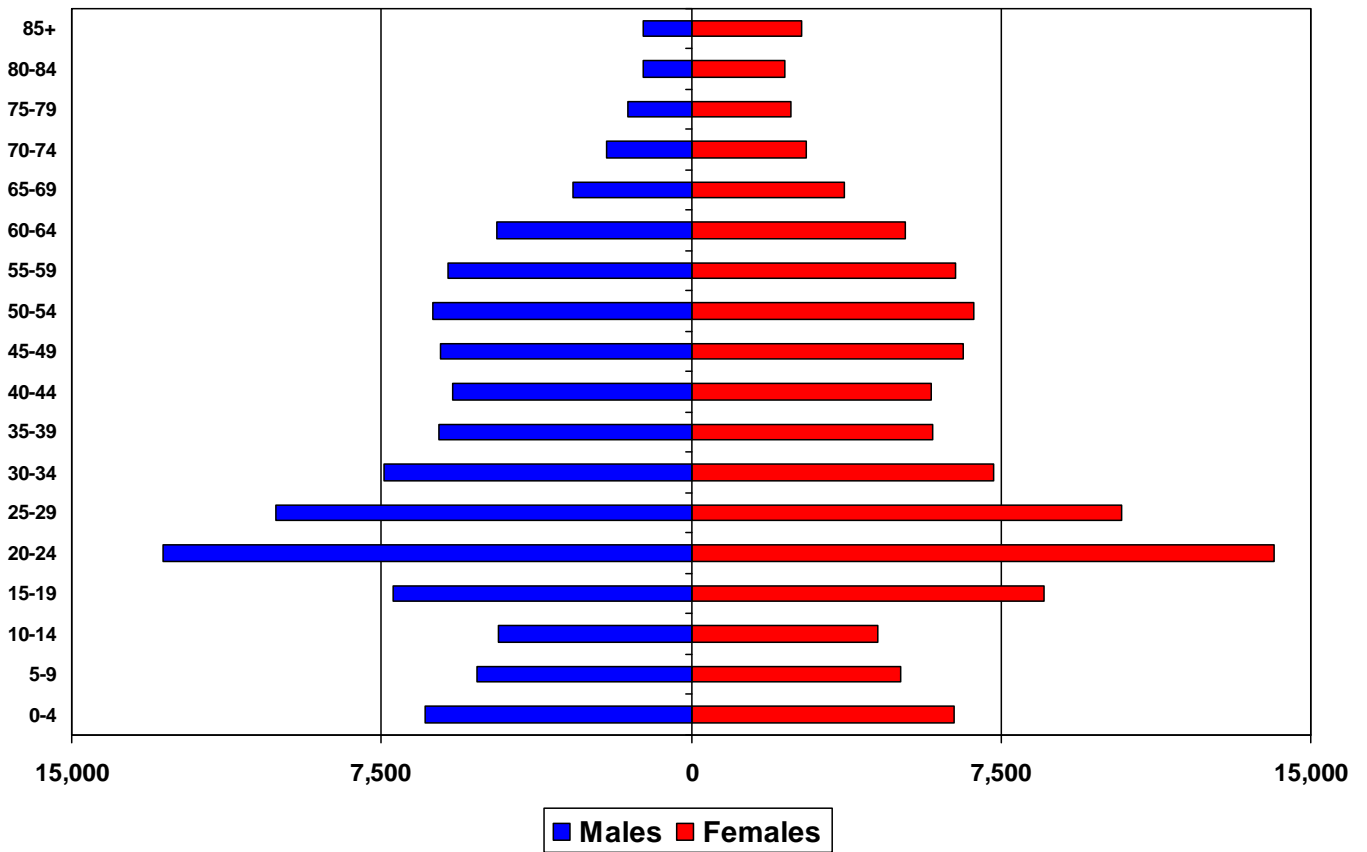


Appendix D: Population Pyramids by Attendance Zone (Age/Sex)

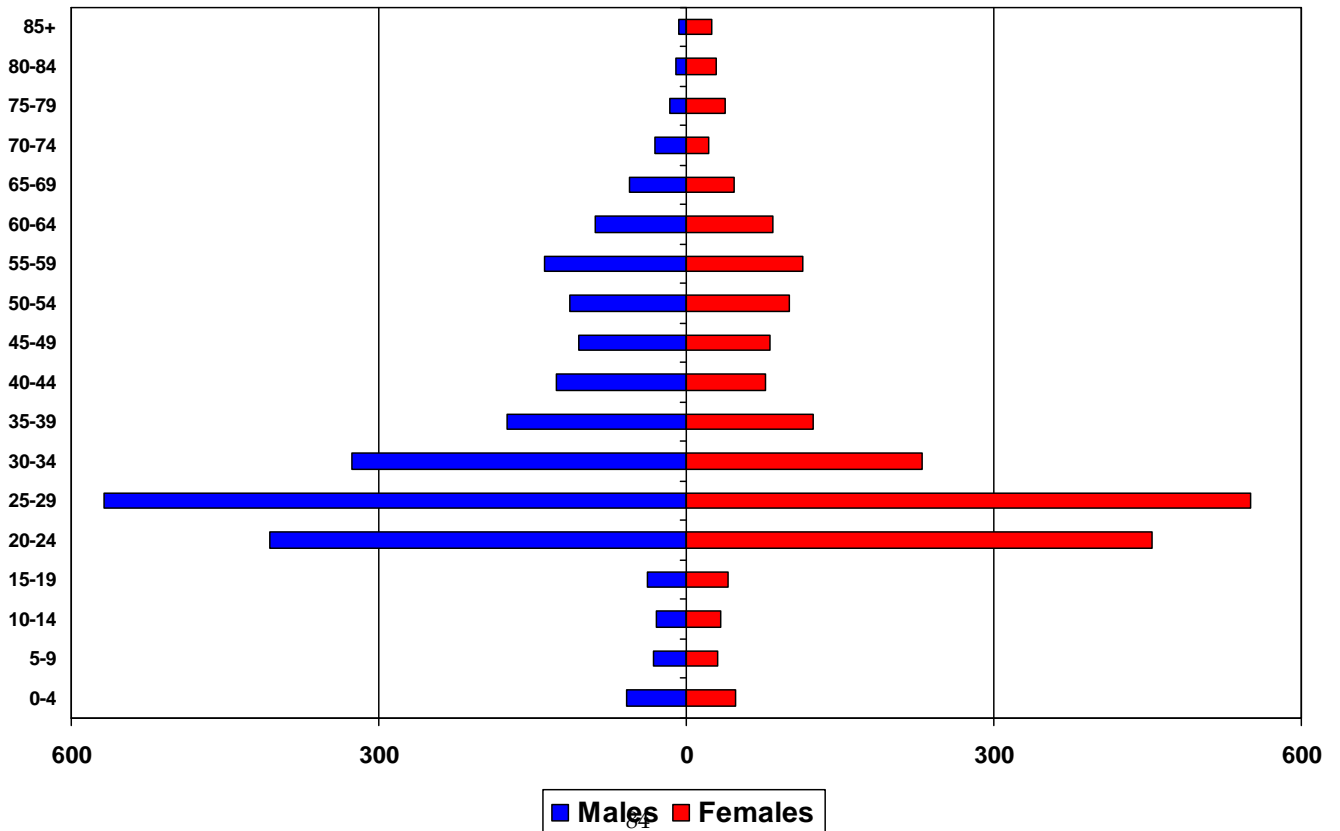
Prepared by:



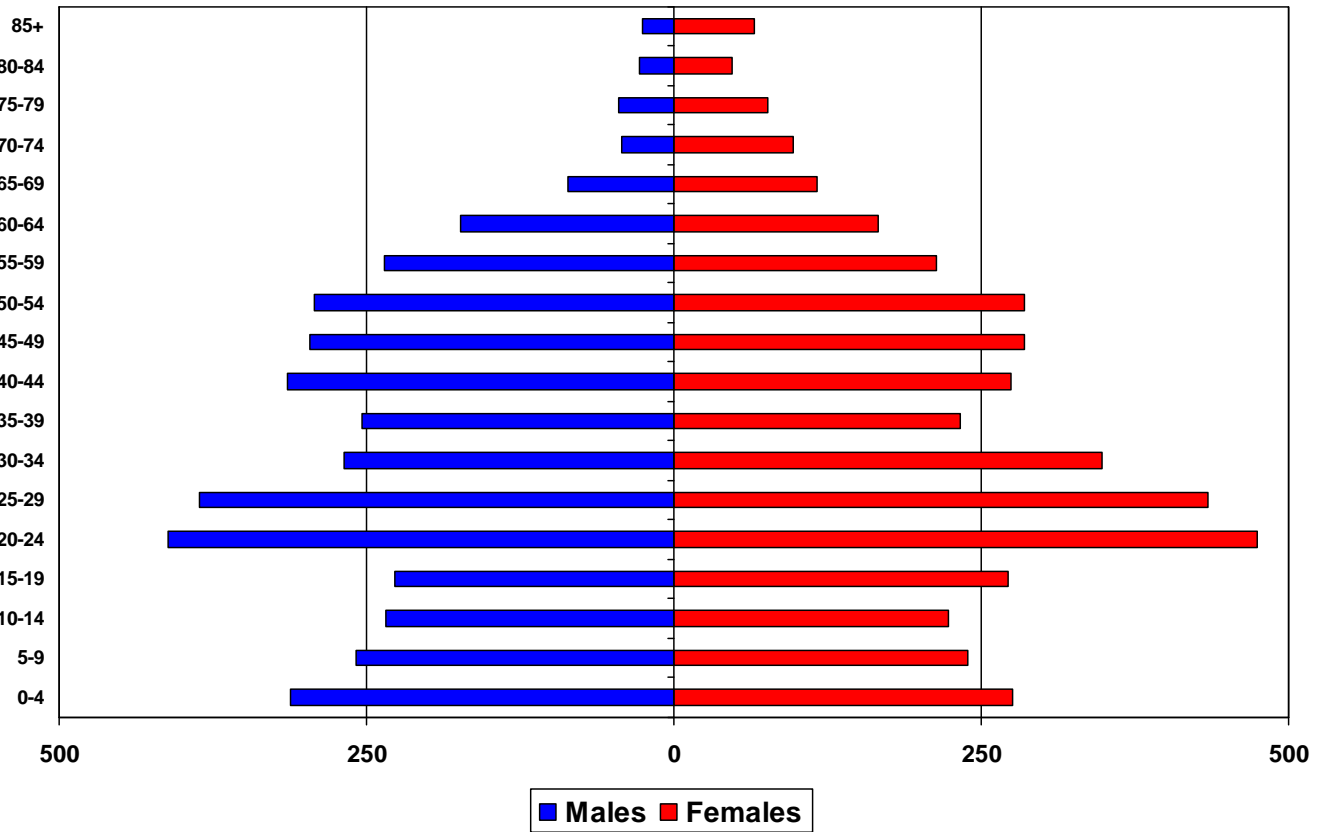
Richmond School District 2010 Census



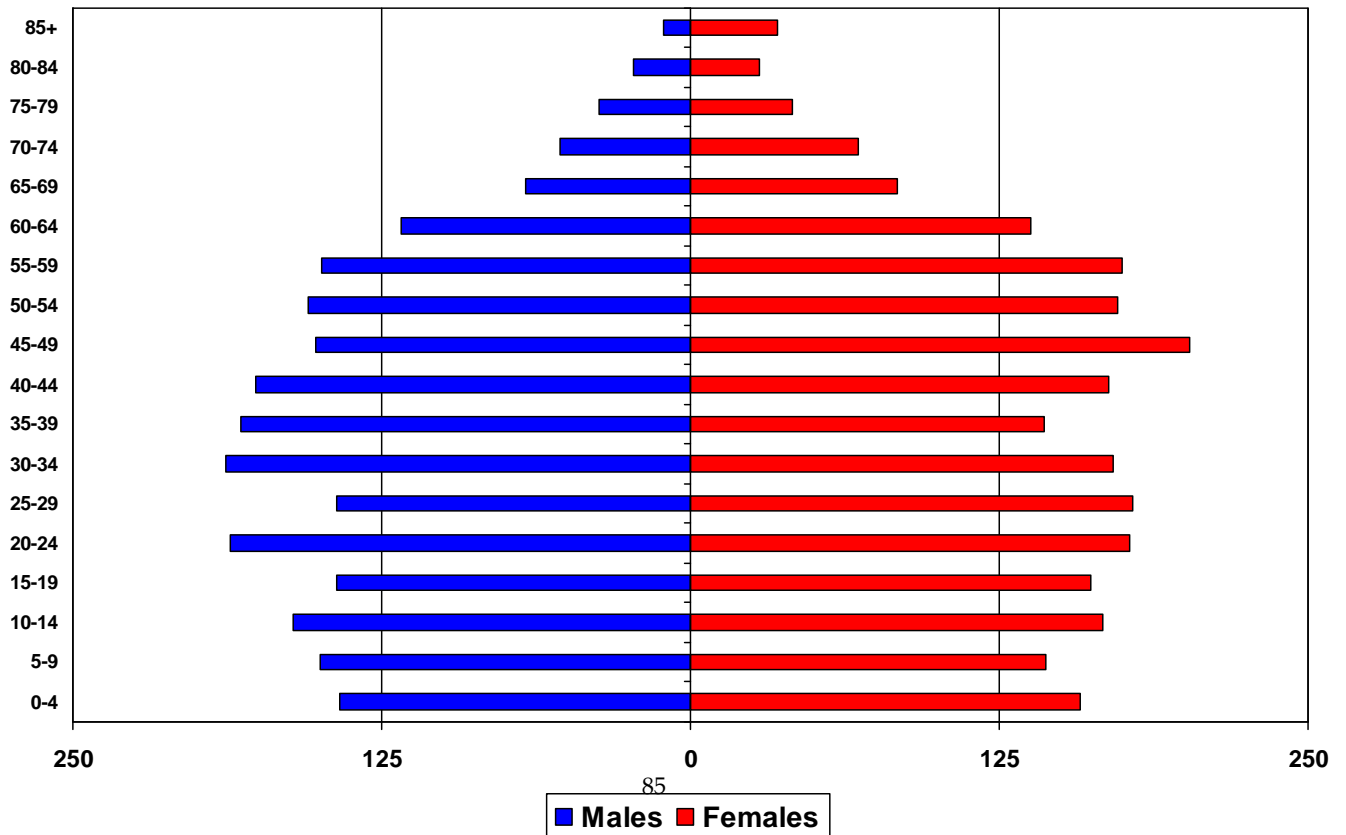
Bellevue Elementary 2010 Census



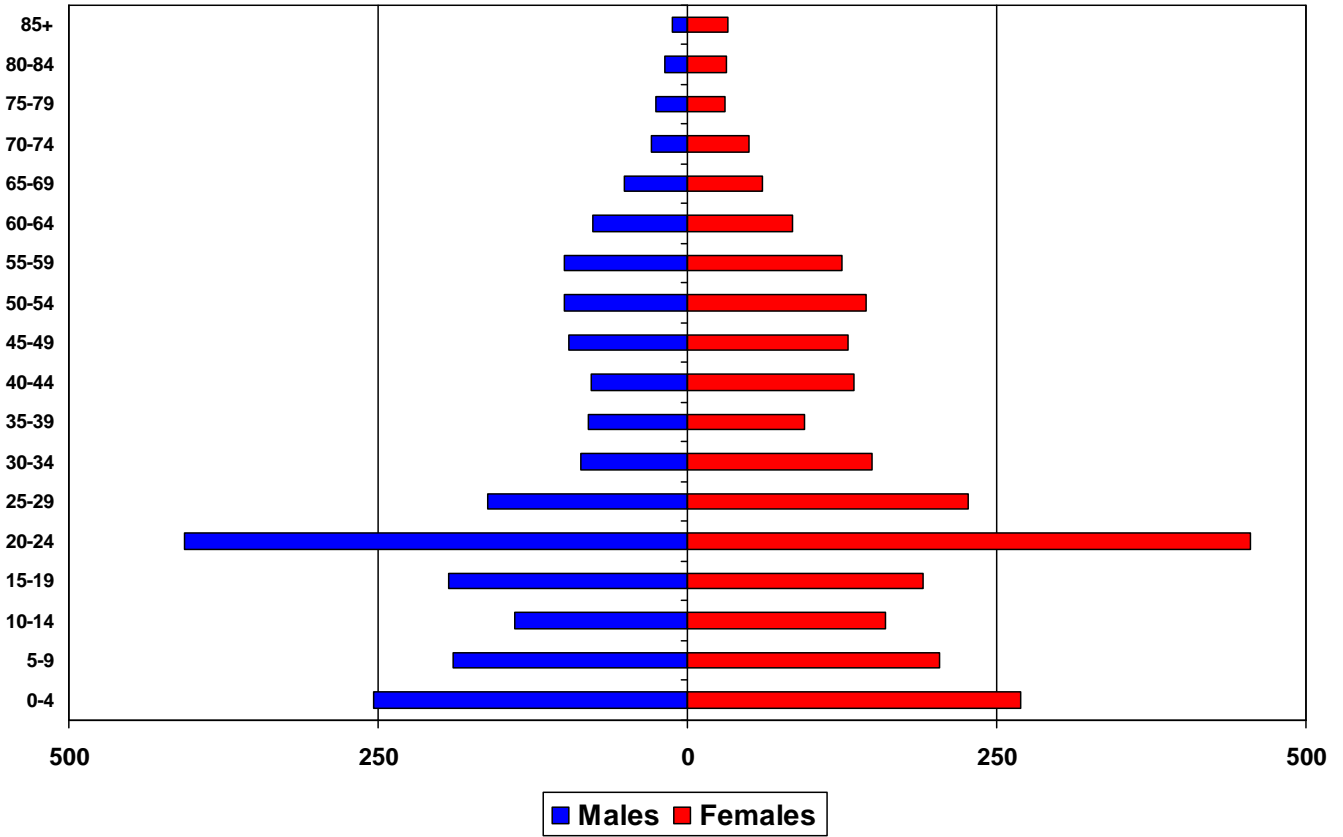
Blackwell Elementary 2010 Census



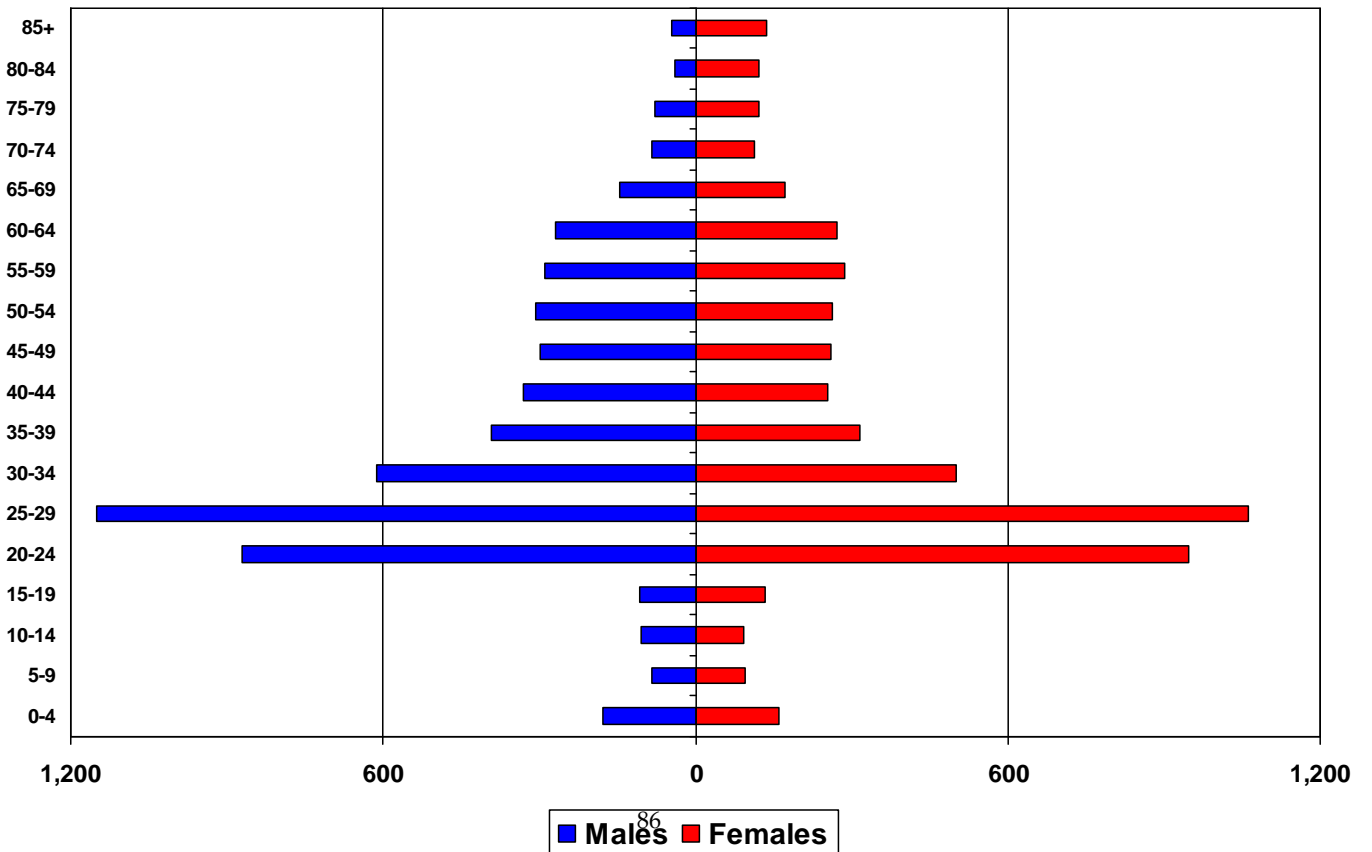
Broad Rock Elementary 2010 Census



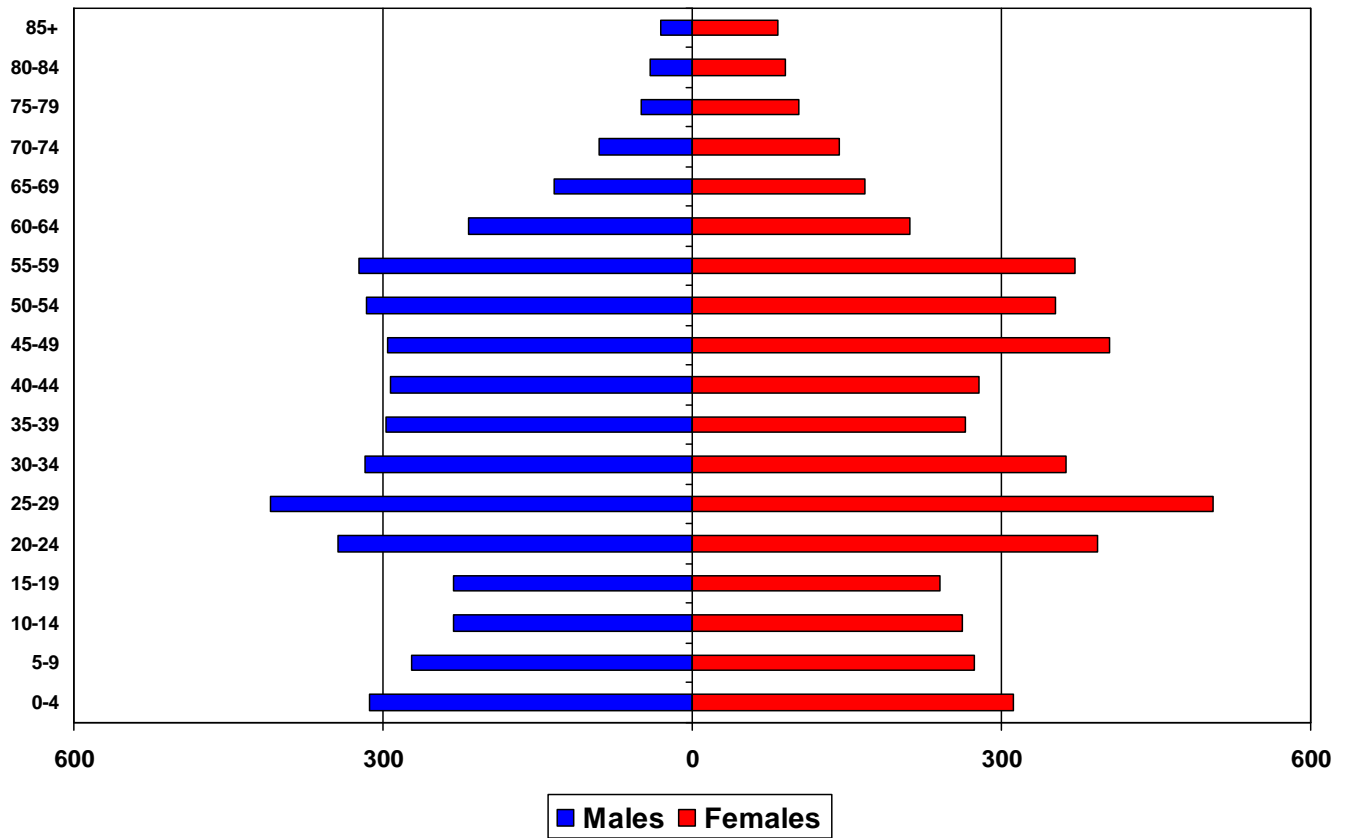
Carver Elementary 2010 Census



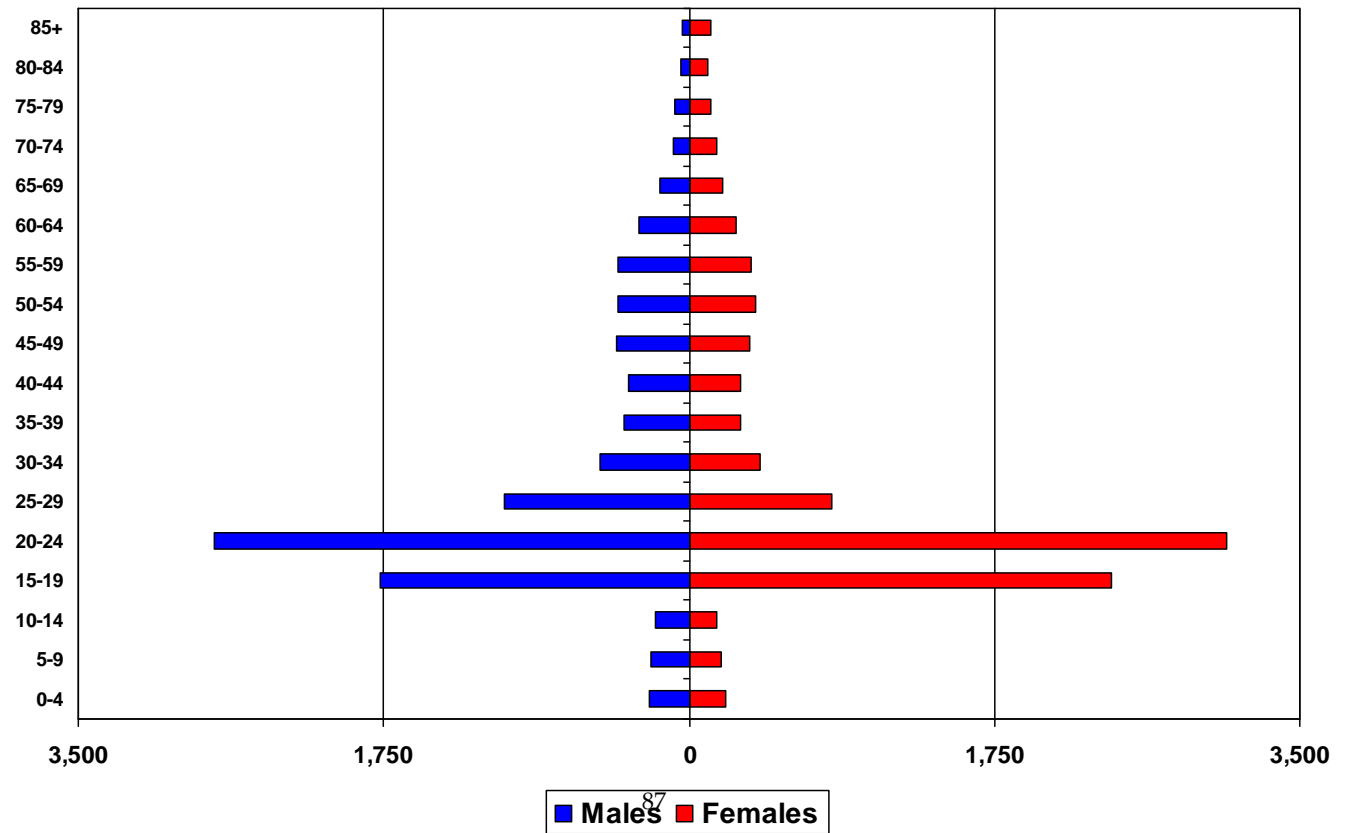
Cary Elementary 2010 Census



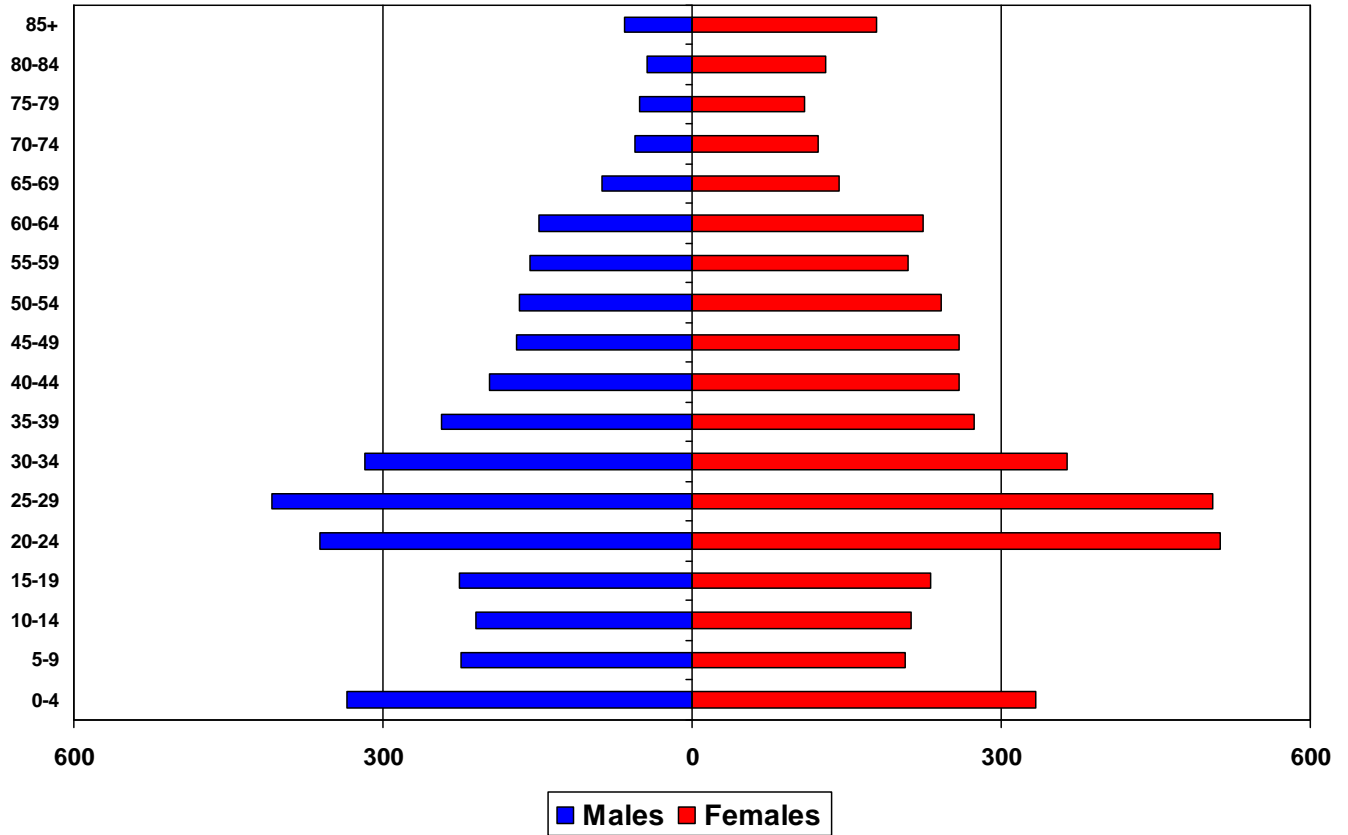
Chimborazo Elementary 2010 Census



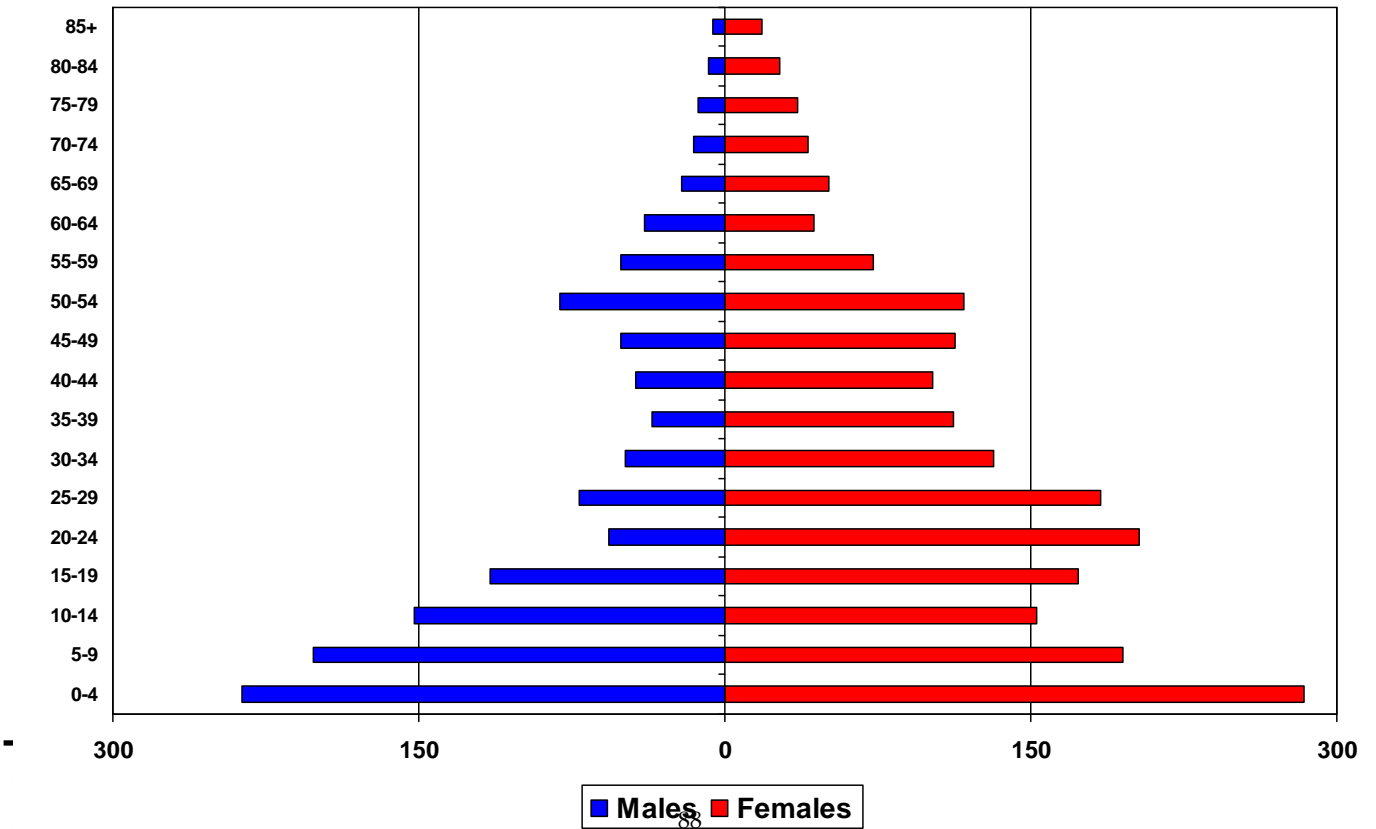
Clark Springs Elementary 2010 Census



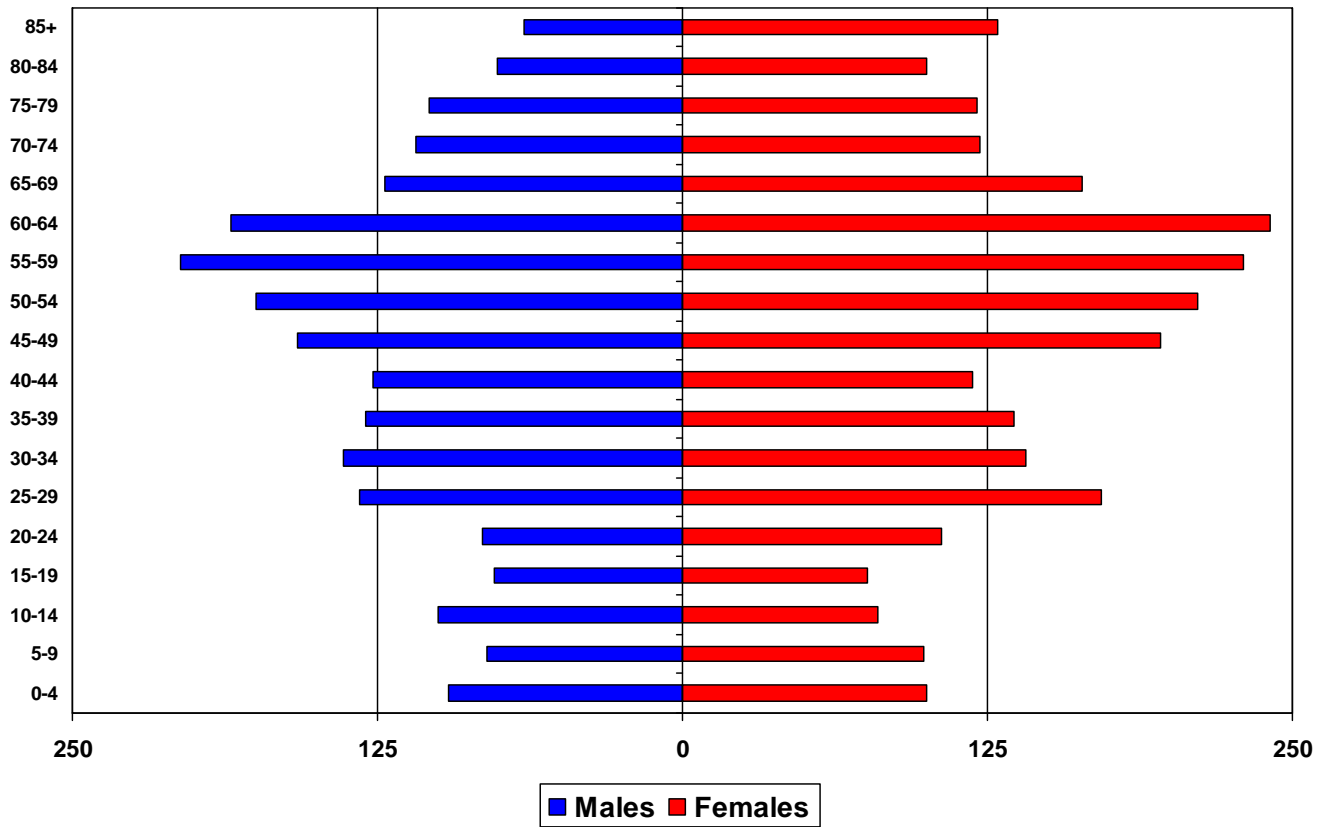
Elizabeth D. Redd Elementary 2010 Census



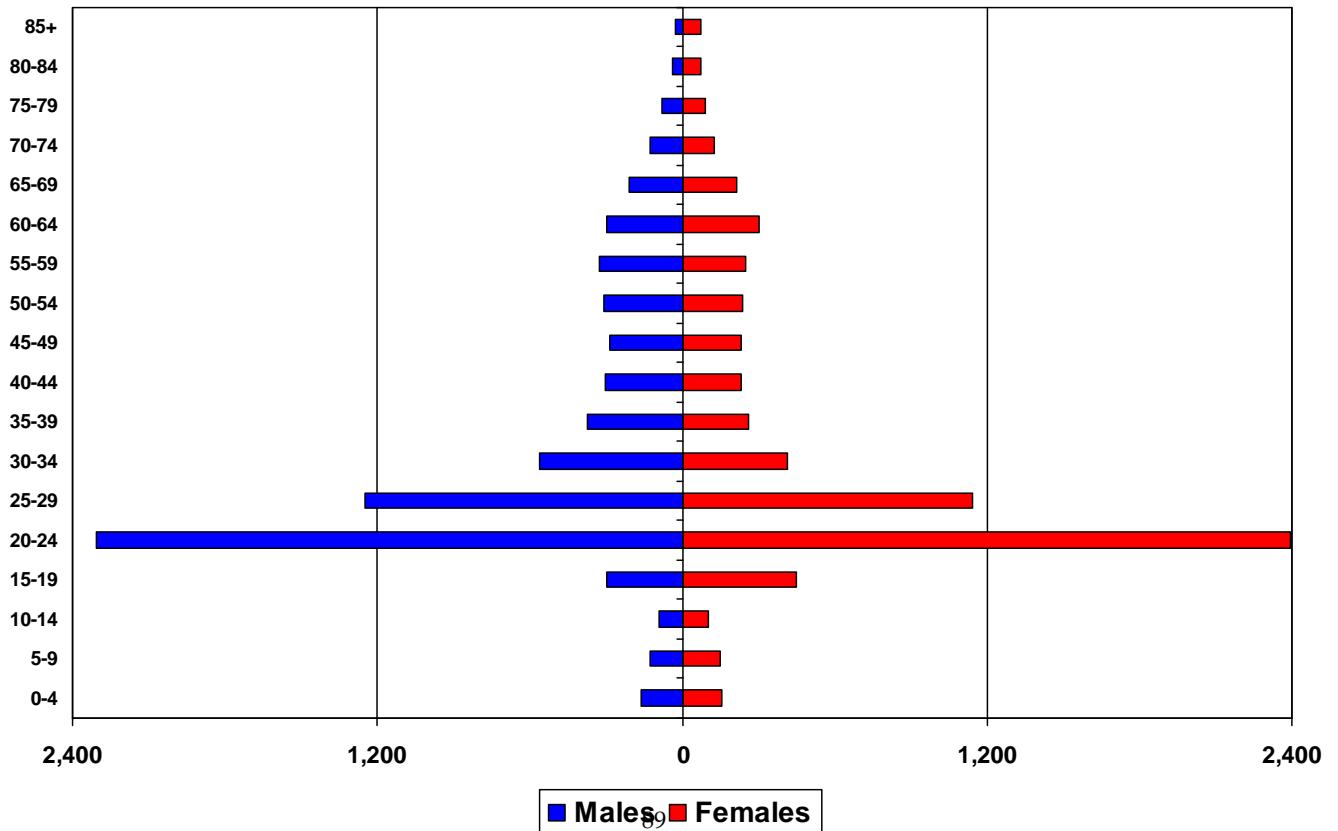
Fairfield Court Elementary 2010 Census



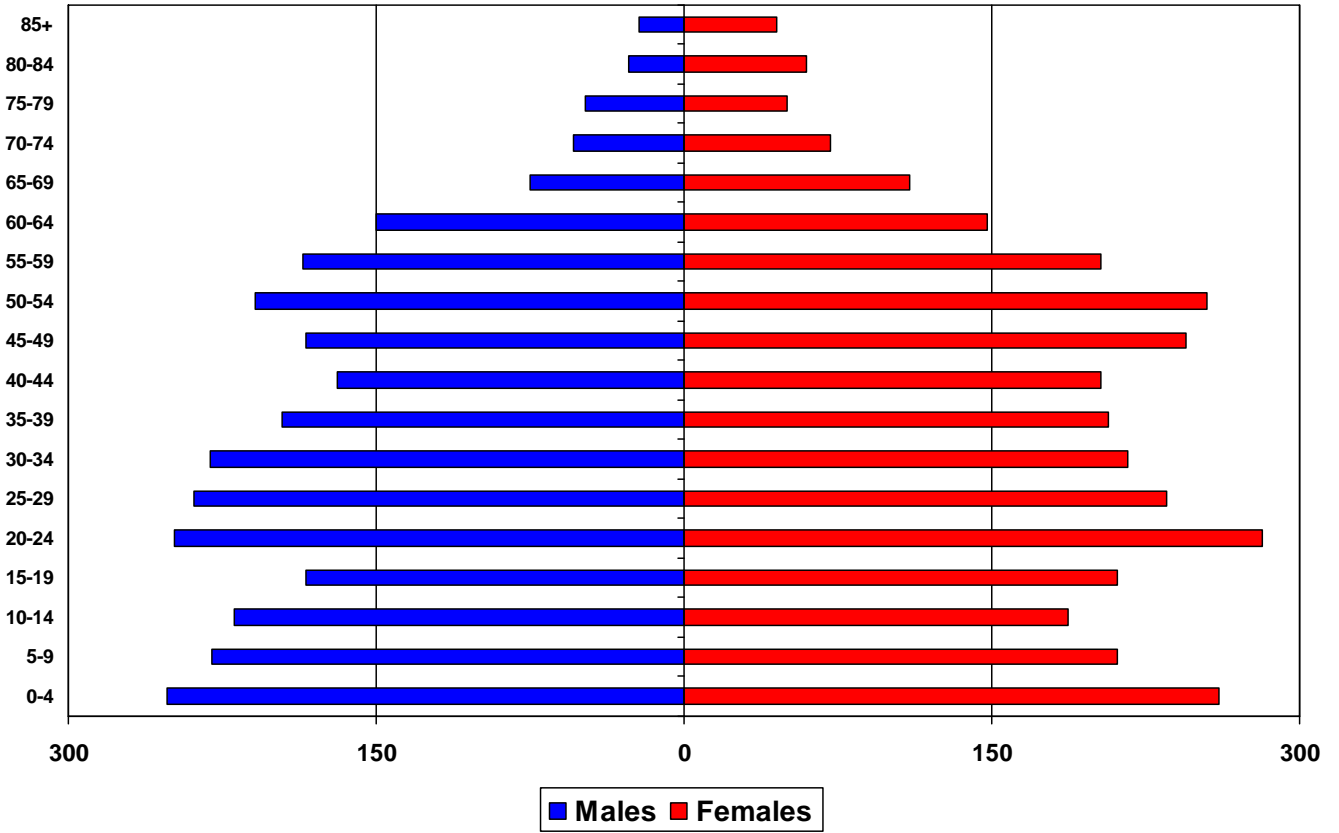
Fisher Model Elementary 2010 Census



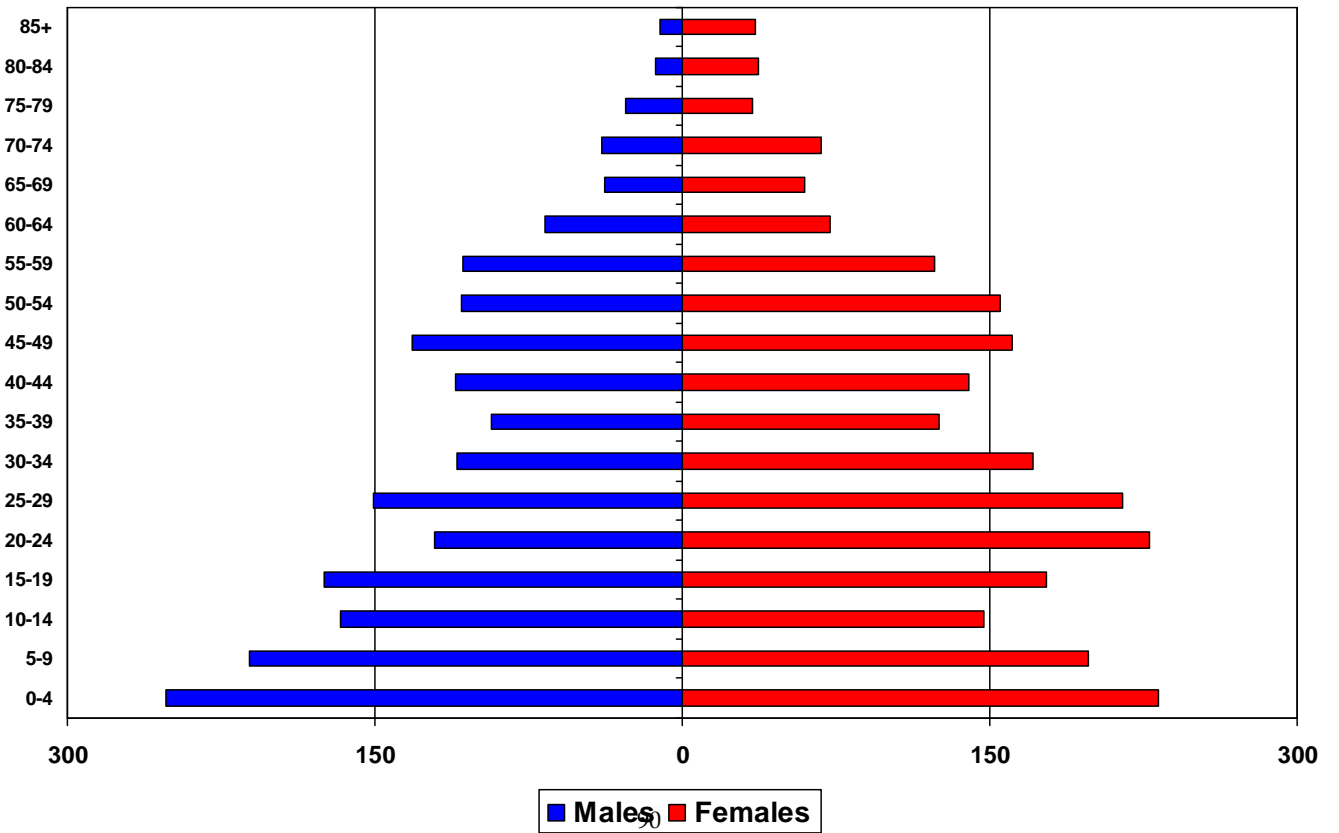
Fox Elementary 2010 Census



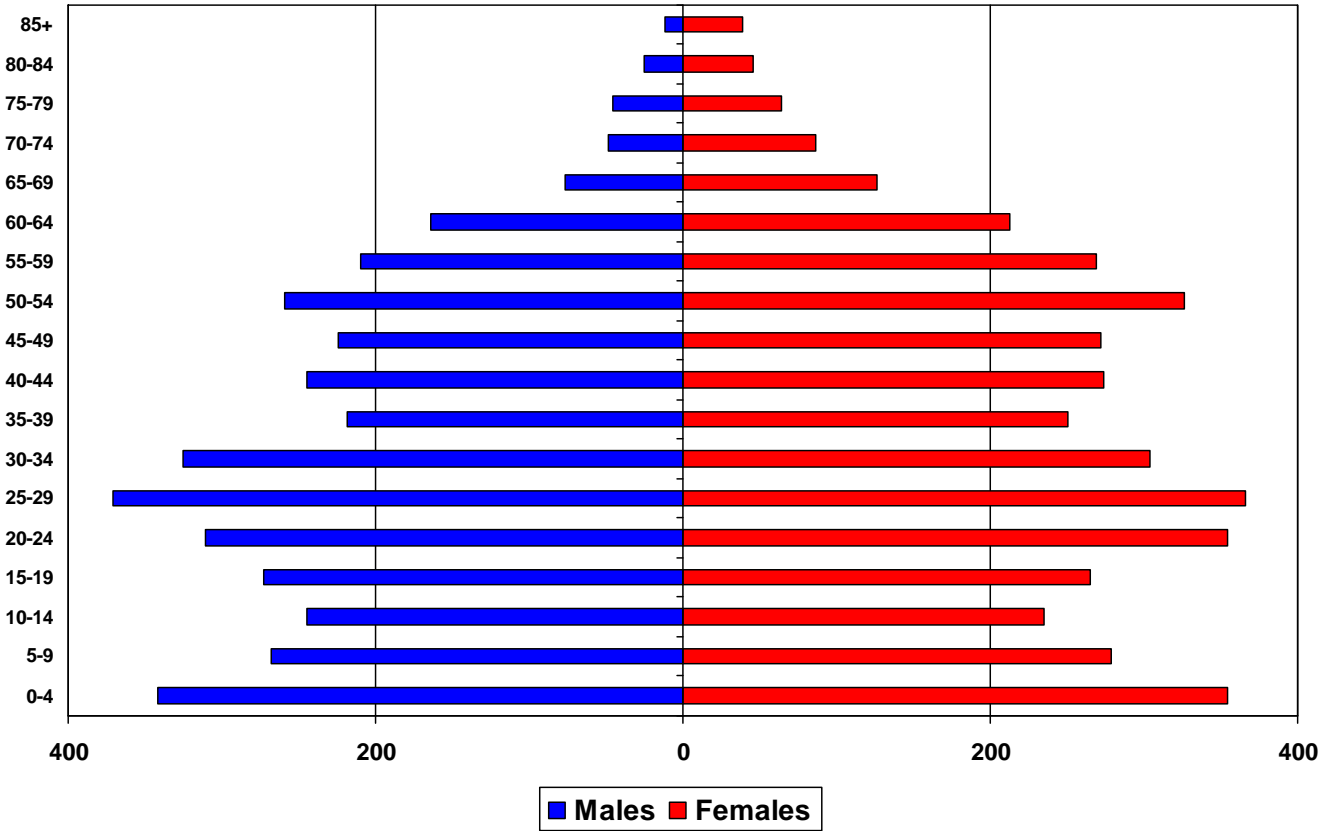
Francis Elementary 2010 Census



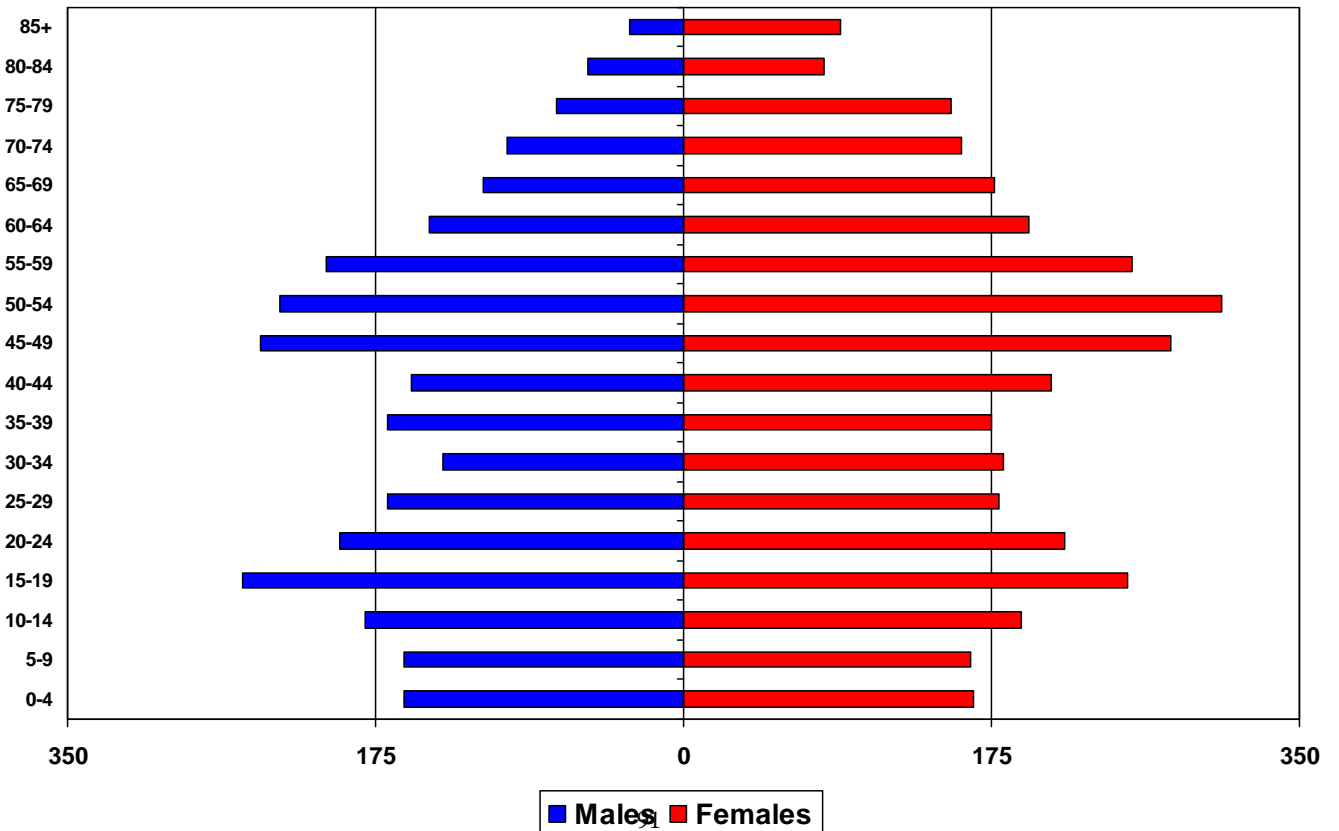
George Mason Elementary 2010 Census



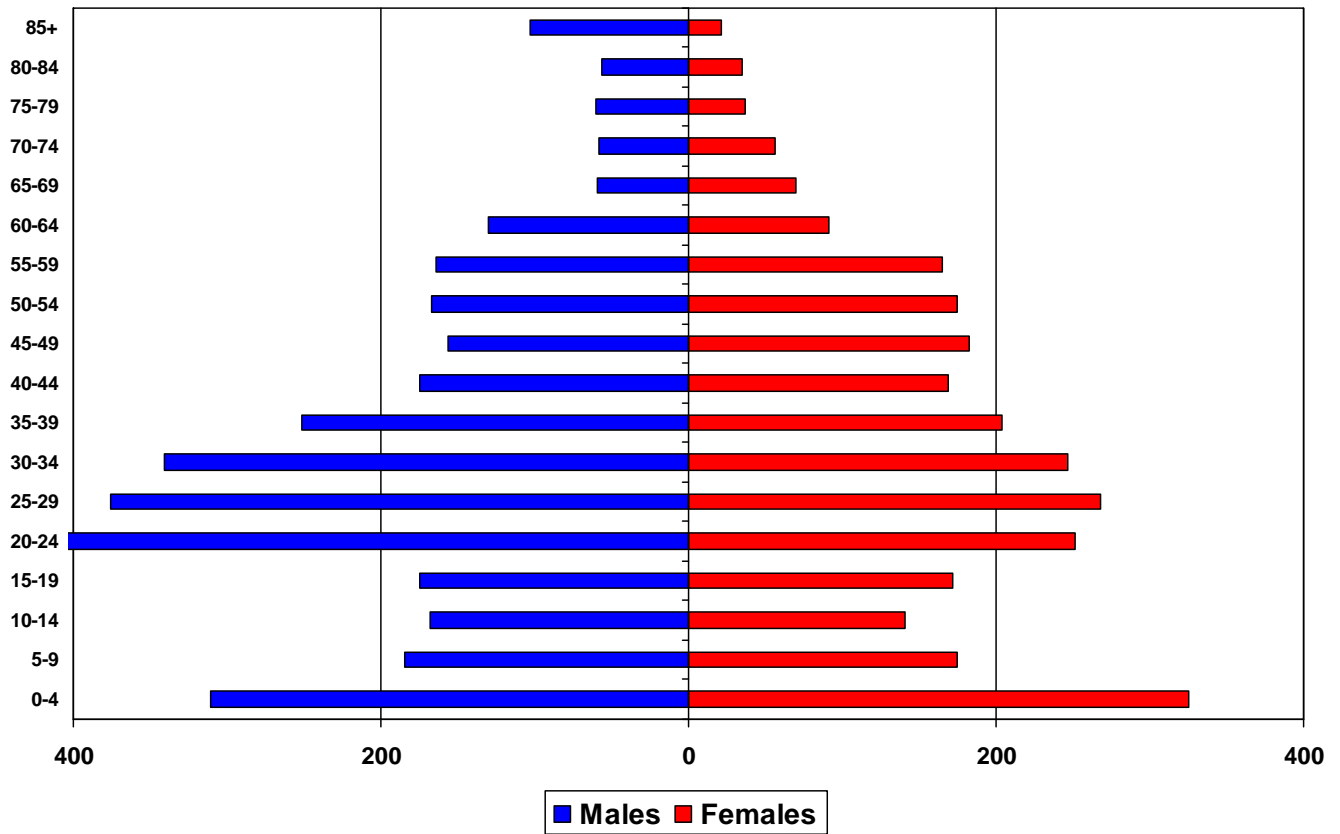
G.H. Reid Elementary 2010 Census



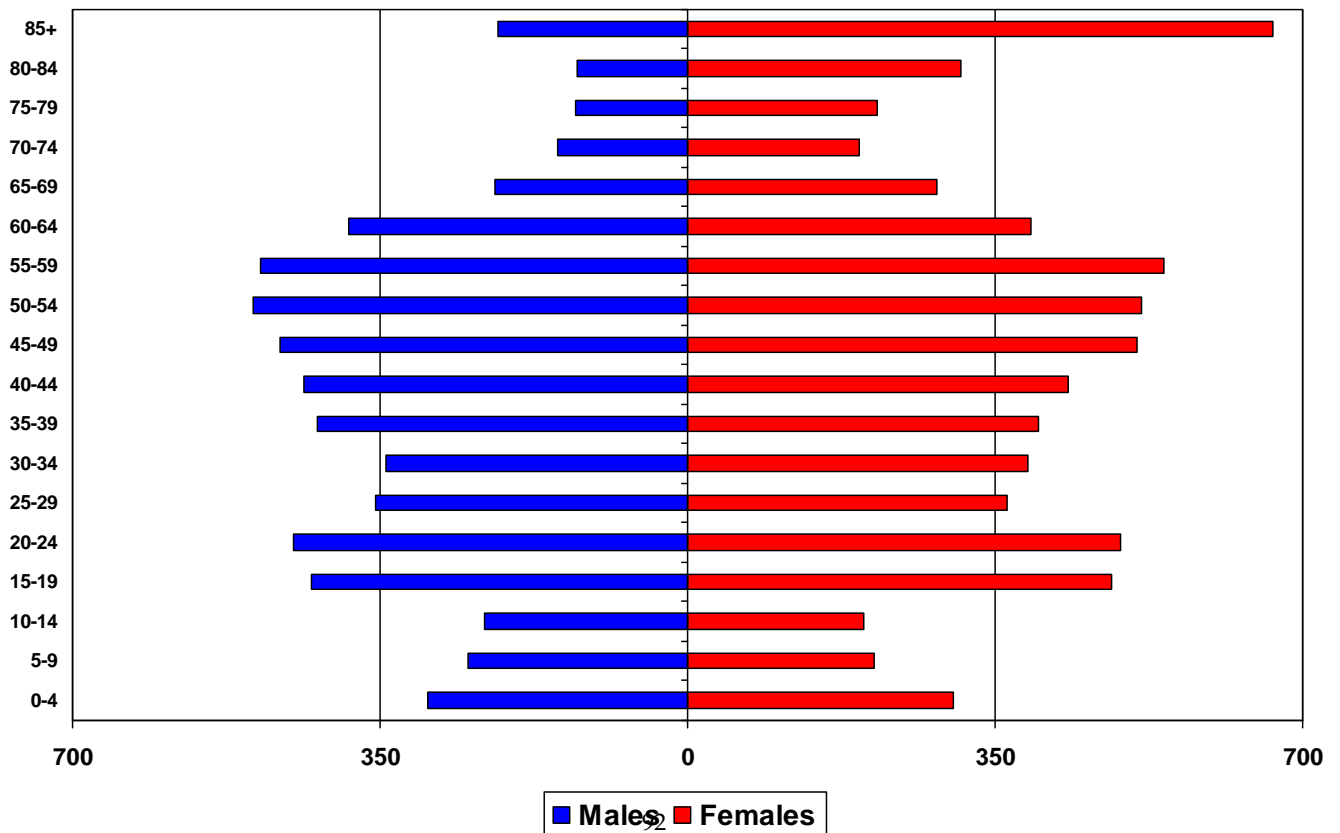
Ginter Park Elementary 2010 Census



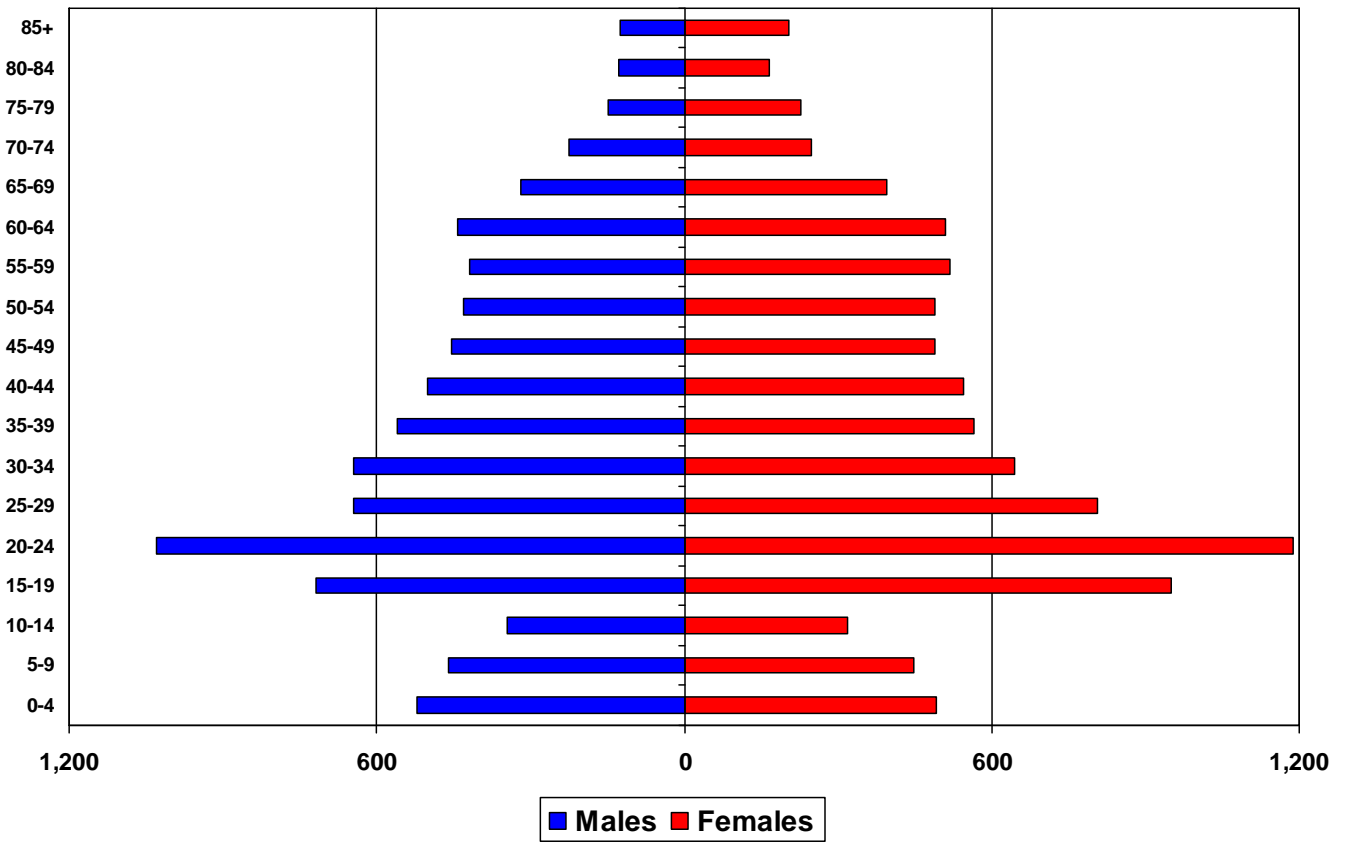
Greene Elementary 2010 Census



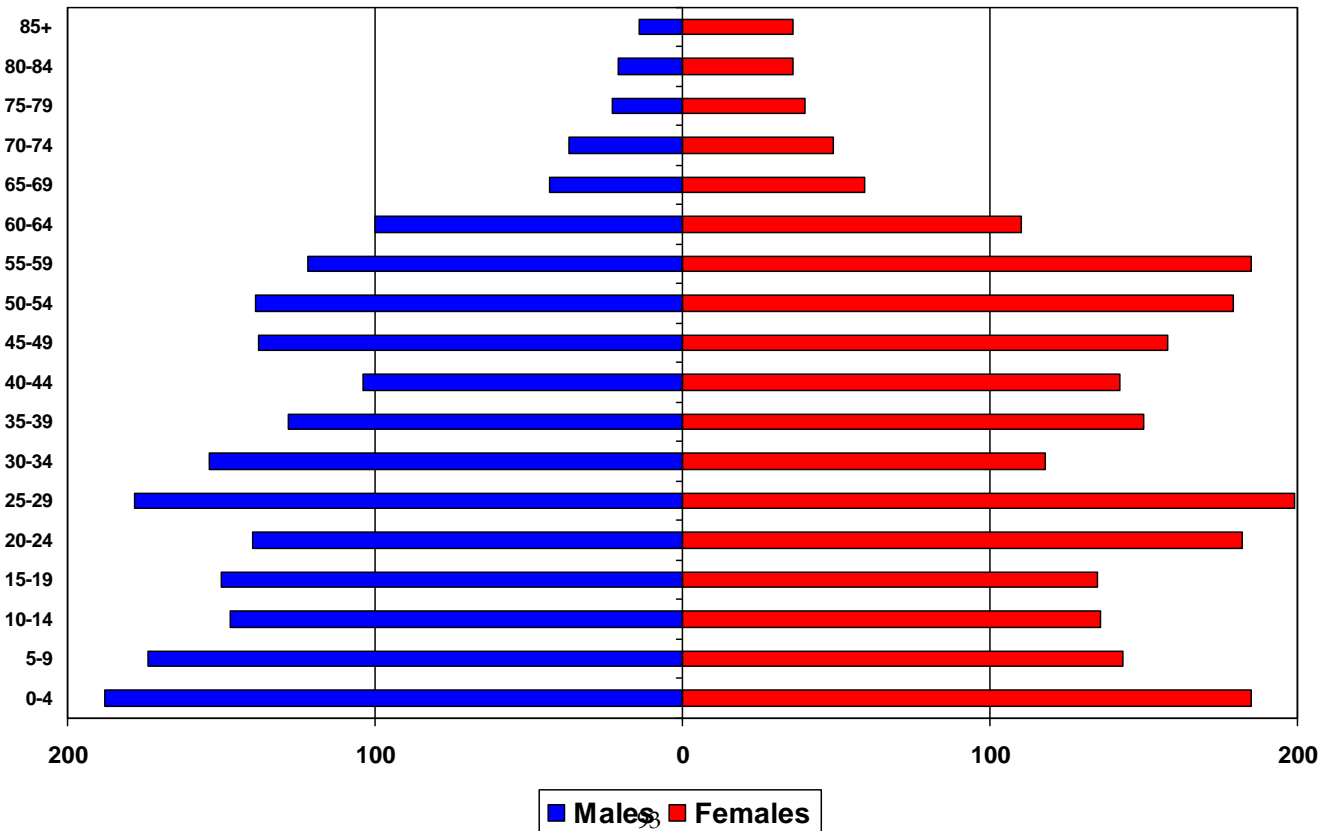
Linwood Holton Elementary 2010 Census



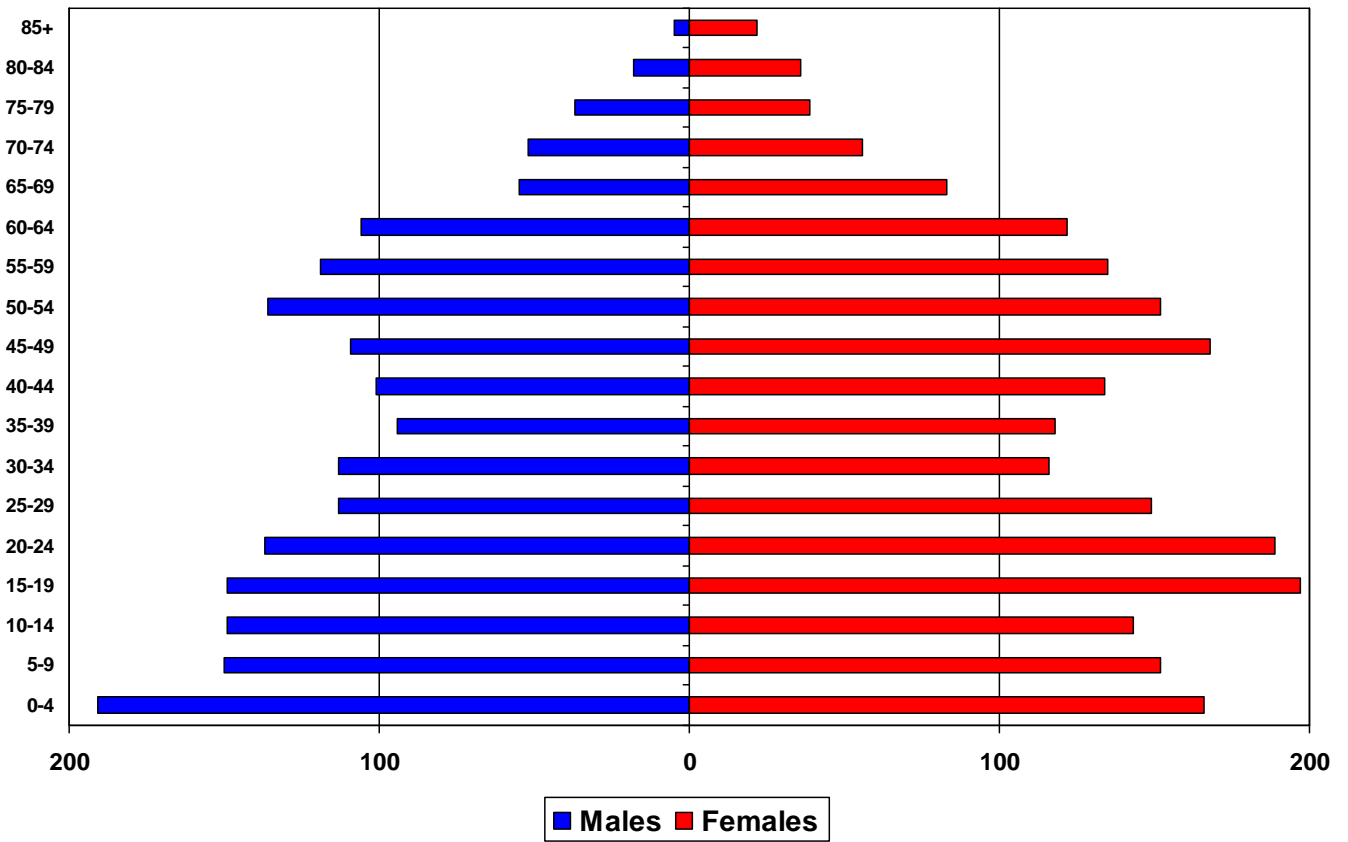
Mary Munford Elementary 2010 Census



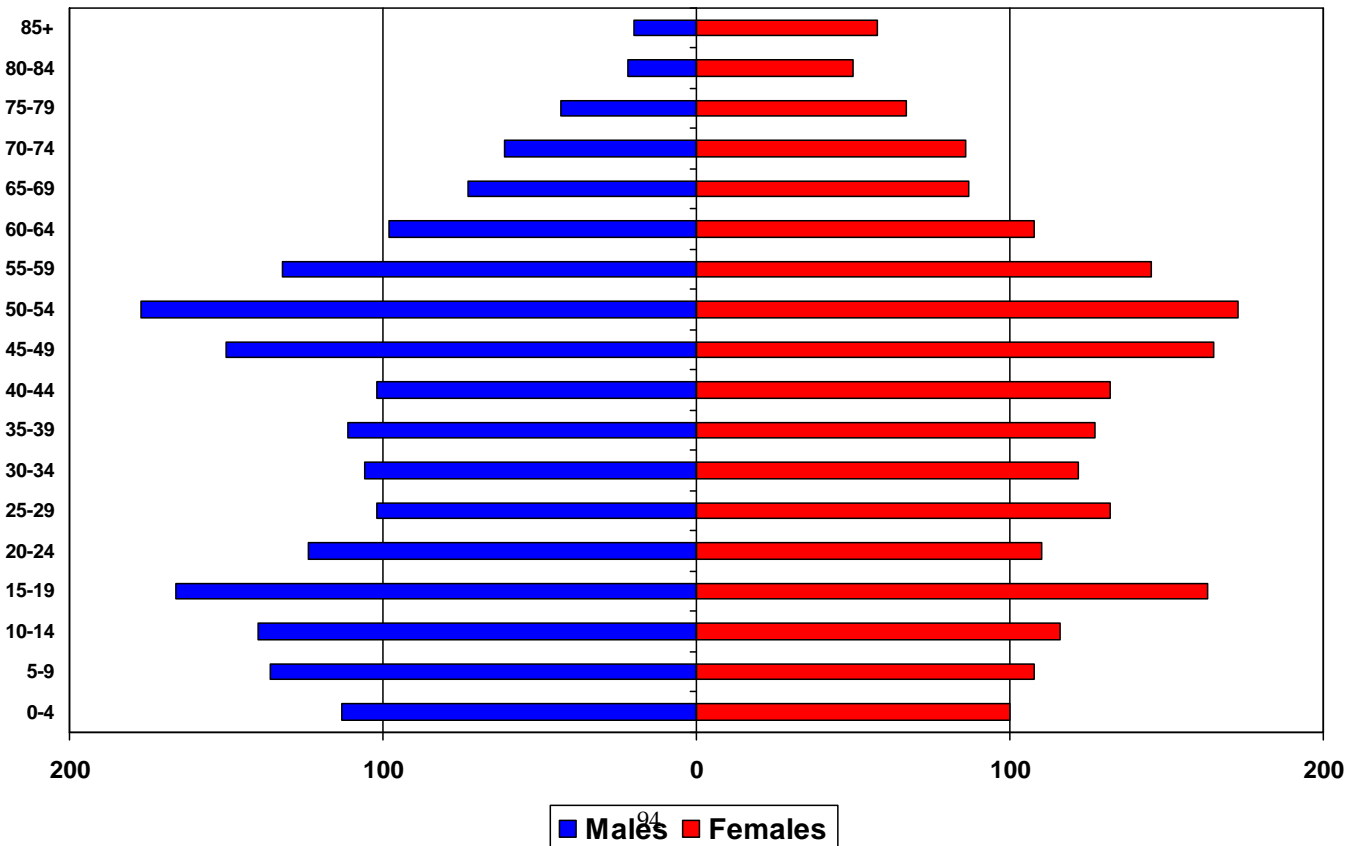
Miles Jerome Jones Elementary 2010 Census



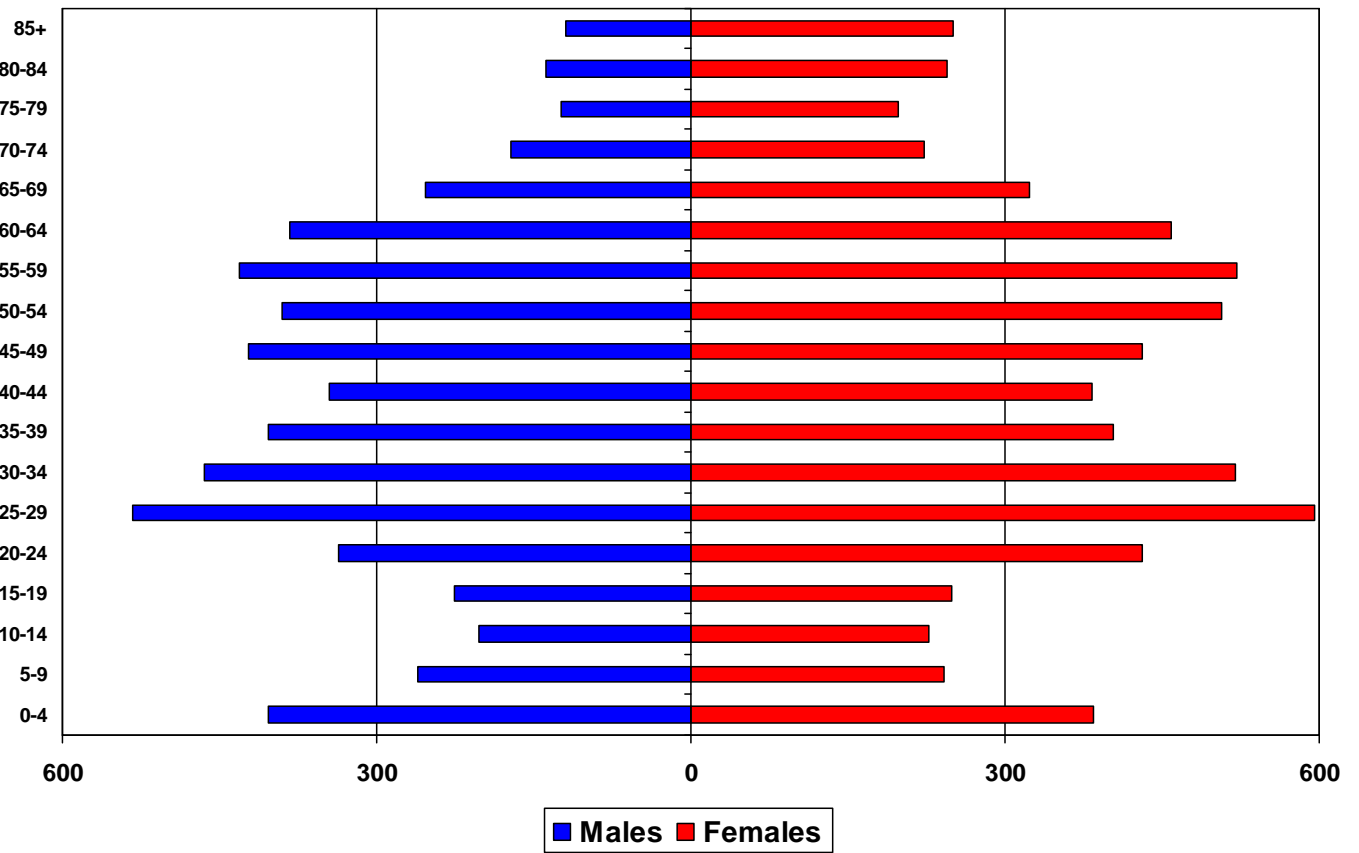
Oakgrove Elementary 2010 Census



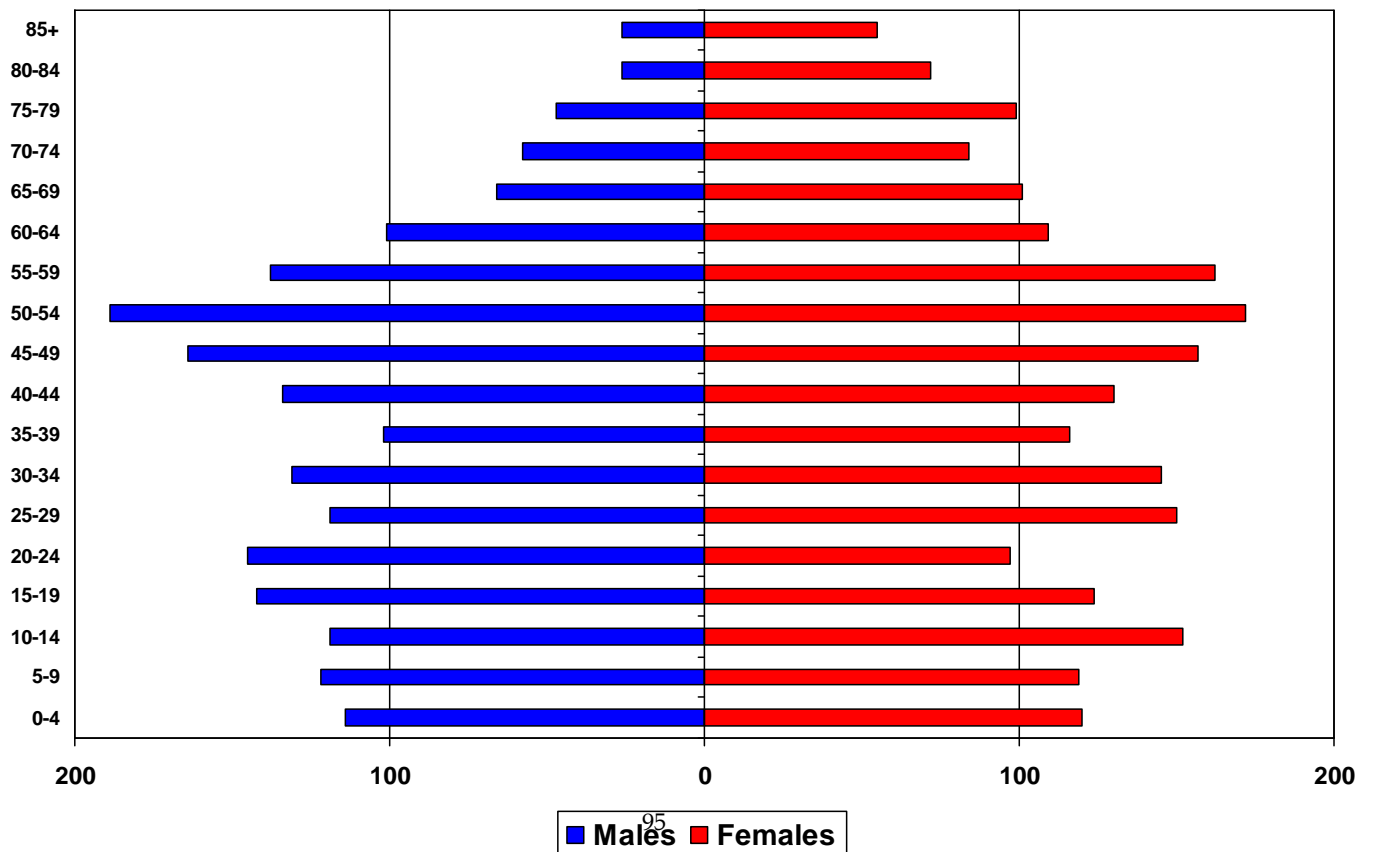
Overby Sheppard Elementary 2010 Census



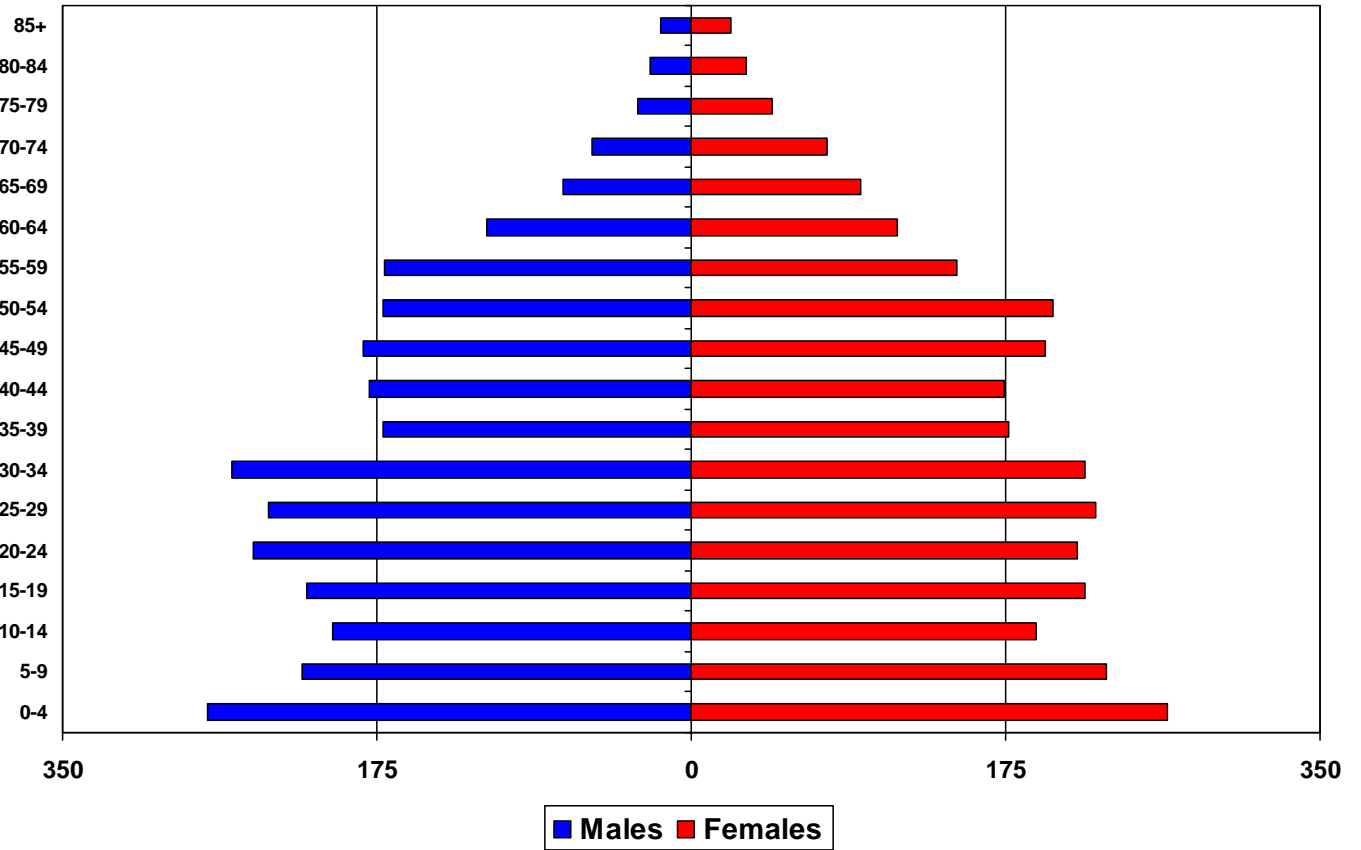
Southampton Elementary 2010 Census



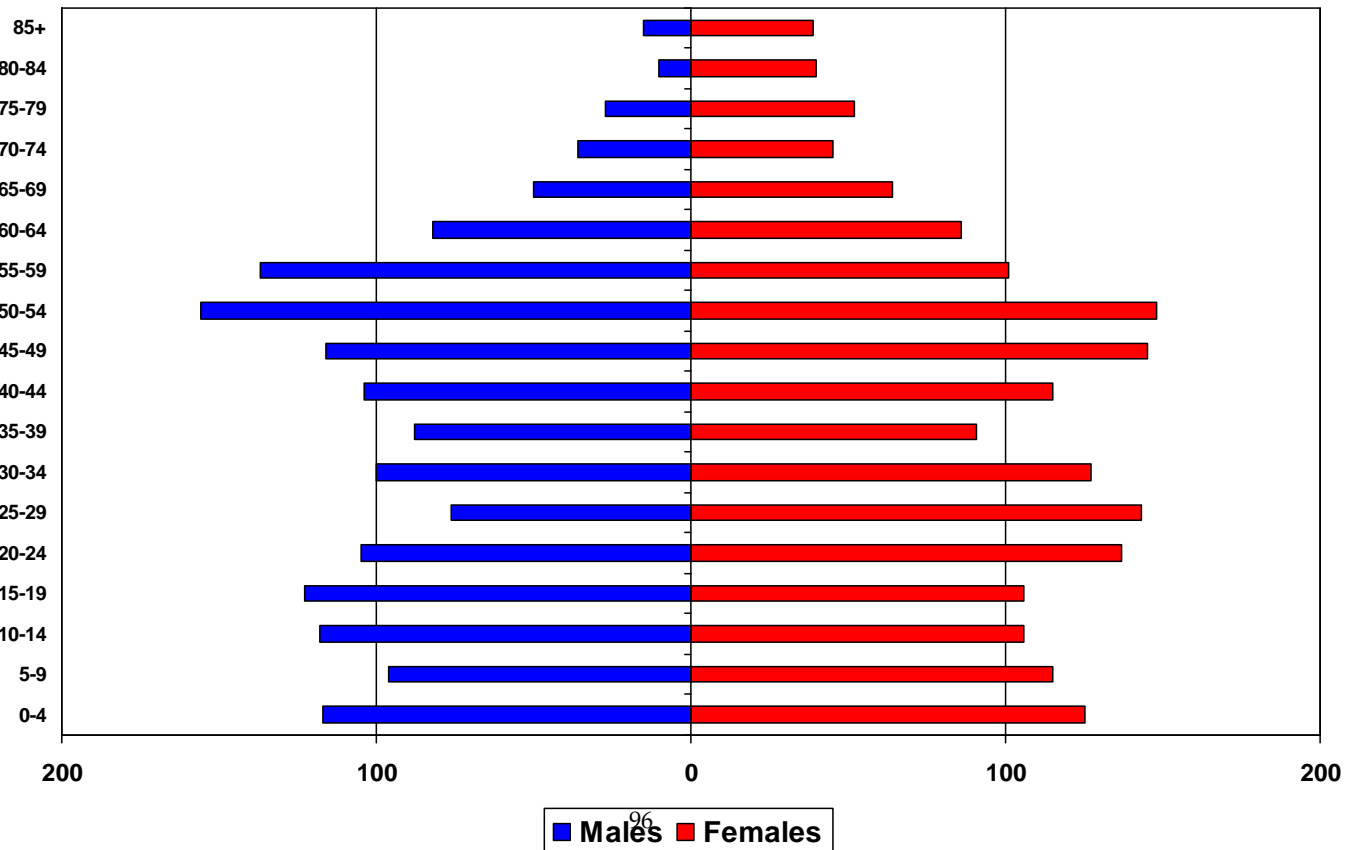
Stuart Elementary 2010 Census



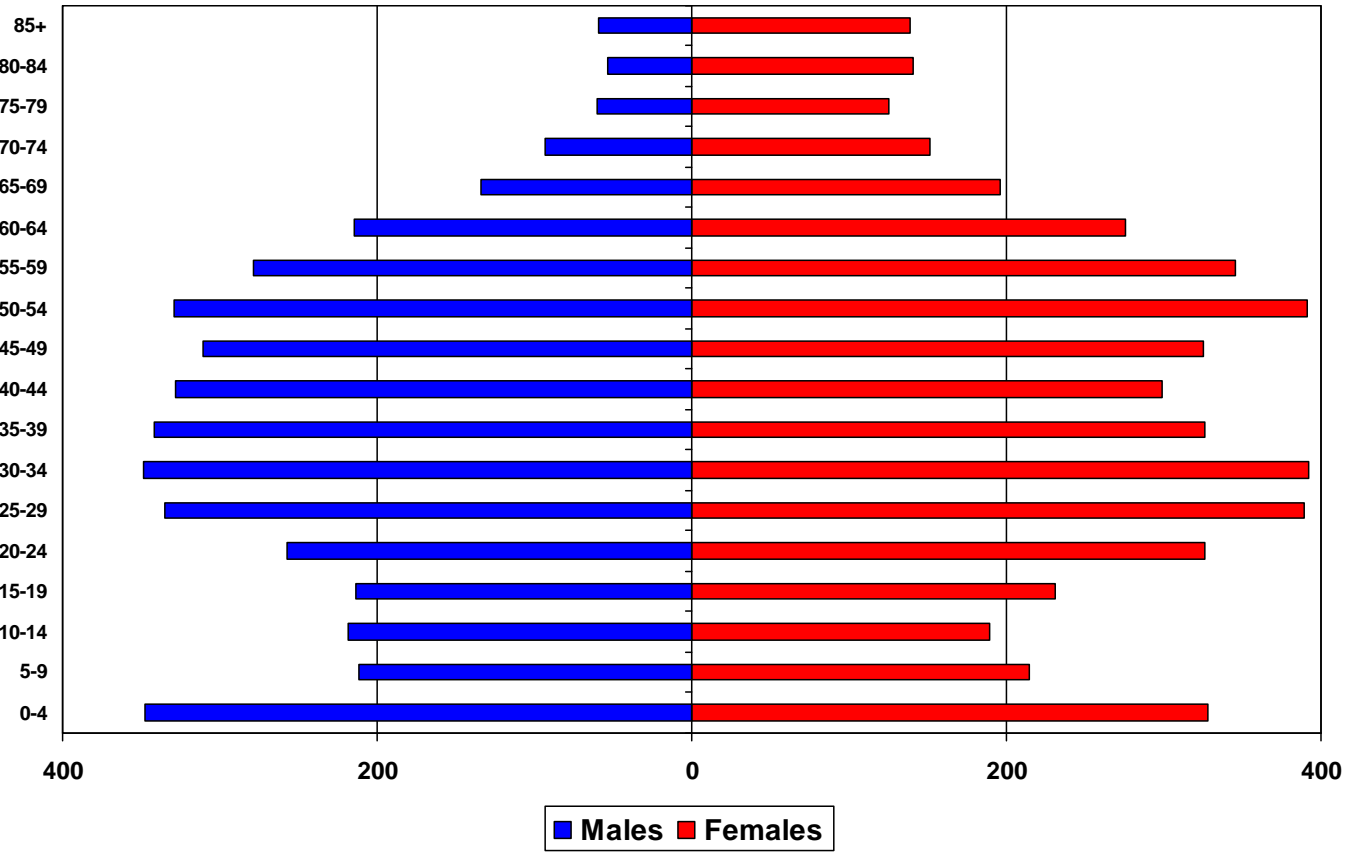
Summer Hill Elementary 2010 Census



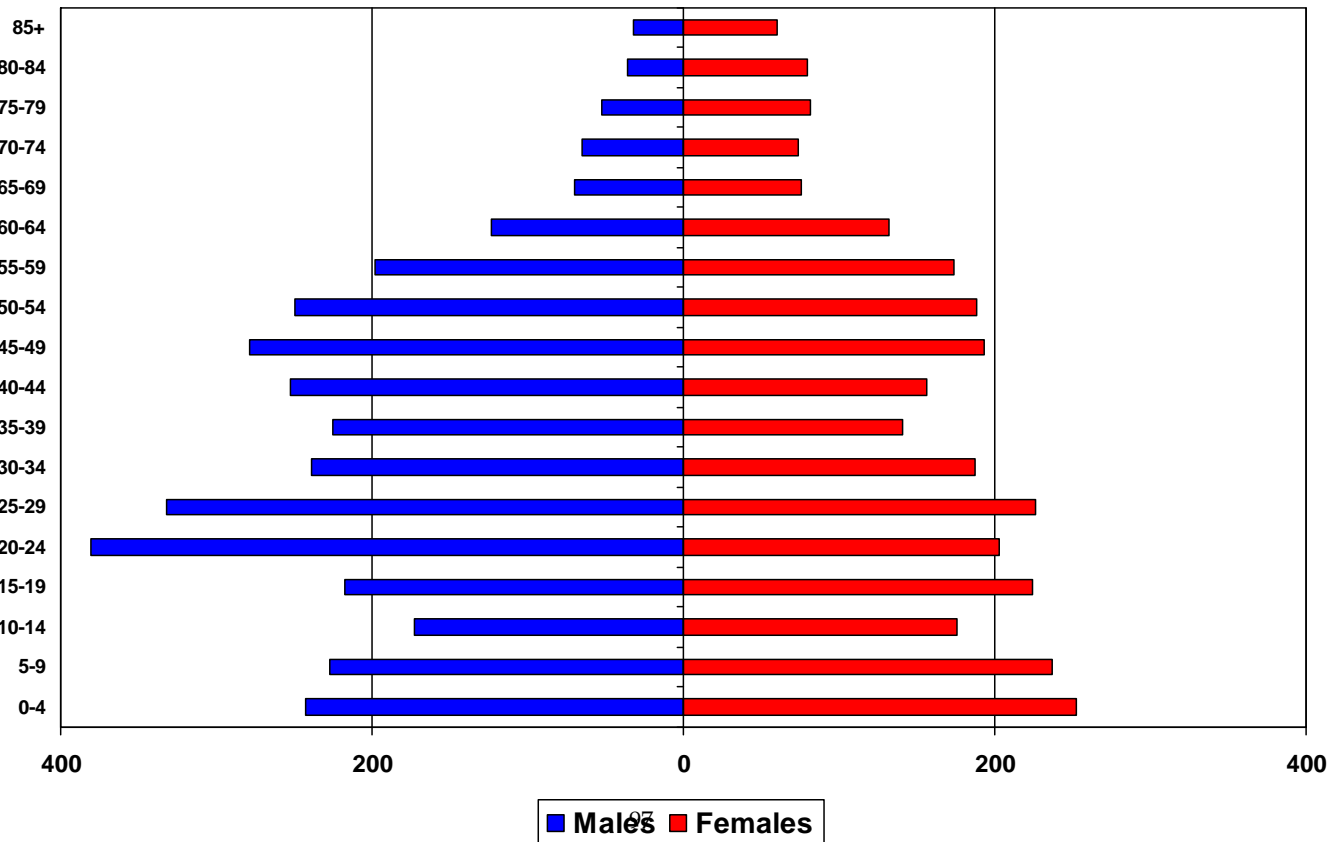
Swansboro Elementary 2010 Census



Westover Hills Elementary 2010 Census



Woodville Elementary 2010 Census





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