

# NPS Class Size and Composition Audit Report

PRELIMINARY REPORT

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Program and Instruction Committee

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# Introduction

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An outcry from the Central High School PTSA about oversized classrooms in the school marked the beginning of this school year. A press release and press conference revealed just how many classes contained extra students and the consequent negative impact on resources in the school.<sup>1</sup>

In response, the Program and Instruction Committee (P&I Committee) requested from Newark Public Schools (NPS) a complete list of Central's class size counts in addition to the enrollment numbers for all district schools. A review of this information confirmed oversized classes at Central and revealed that many schools were overenrolled compared to the budgeted amount of students set in the spring of 2016.

As a result, the P&I Committee made the recommendation at the November 2016 business meeting that NPS should make a commitment to building smaller class sizes into the projection model for next year's budget and initiated this audit to be able to inform the budget process.

## Does Class Size Matter?

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Class size matters to the Newark Public Schools Board of Education. It matters to the voters of New Jersey, and it matters to two out of every three states because legislation has been passed to limit class size.<sup>2</sup> Even so, we recognize that research conducted to measure the effects of class size reduction (CSR) on student achievement has produced mixed results; the conclusions vary based on three areas: (1) the extent of the impact, (2) the characteristics of the students affected, and (3) the other aspects of teaching and learning in place.<sup>3</sup> To best determine if CSR could potentially benefit students enrolled in NPS, we should review research which examines schools with demographics and circumstances that closely match those of NPS.

A policy brief summarizing research on the impact of class size found that class size is indeed important when determining a variety of student outcomes in addition to uncovering that smaller classes are most effective at raising achievement levels of low-income and minority children.<sup>4</sup> But it is too expensive, right? This is one of the myths of CSR.<sup>5</sup> A Princeton economist has shown that the long-term economic

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<sup>1</sup> NJ.com. (Oct 12 2016). PTA: Newark high school is overcrowded and under-resourced. Retrieved Feb 13 2017. [http://www.nj.com/essex/index.ssf/2016/10/newark\\_high\\_school\\_is\\_overcrowded\\_and\\_under\\_resourced.html](http://www.nj.com/essex/index.ssf/2016/10/newark_high_school_is_overcrowded_and_under_resourced.html)

<sup>2</sup> Education Commission of the States. State Policy Database: Class Size. Retrieved Feb 13 2017. <https://b5.caspio.com/dp.asp?AppKey=b7f93000695b3d0d5abb4b68bd14&id=a0y70000000CbsLAAS>

<sup>3</sup> Whitehurst, G. J., and Chingos, M. M. (2011). Class size: What research says and what it means for state policy. Washington, DC: Brown Center on Education Policy at Brookings.

<sup>4</sup> Schanzenbach, D. W. (2014). Does class size matter? Boulder, CO: National Education Policy Center.

<sup>5</sup> Class Size Matters. 7 Myths of Class Size Reduction. Retrieved Feb 12 2017. <http://www.classsizematters.org/fact-sheets-on-the-benefits-of-class-size/7-myths-of-class-size-reduction/>

benefits outweigh the costs, two to one.<sup>6</sup> It is too expensive *not* to lower class sizes. As a Board of Education, we value investing in our students and providing them the opportunity to create a brighter, more just future.

States, districts, and their affiliated administrators like to tout low class size ratios; however, ratios, like aggregated data, cover up the specific instances of oversized classrooms. One aspect of the unsuccessful *No Child Left Behind* law to be applauded was the requirement of disaggregating student achievement data. By doing this, the public, educators, and administrators could more readily observe the disparities among groups of students when it came to academic achievement. No longer could schools hide behind average test scores. We should stop hiding behind class size averages, too.

## Purpose

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The purpose of the class size and composition audit is to examine whether NPS complies with all statutory and constitutional mandates (see Appendix B). Additionally, the P&I Committee would like to determine if there were any observable changes in class composition after the implementation of One Newark Universal Enrollment. Class composition is operationalized as race/ethnicity, gender, special education classification status, English Language Learner status, eligibility for free or reduced priced lunch, and neighborhood residency. Last, we would like to inform the budget projection model created by NPS so that we can move toward the elimination of oversized classrooms.

The P&I Committee set out to answer the following questions for this preliminary report:

1. To what extent is Newark Public Schools in compliance with class size regulations?
  - a. How many general education classrooms, grades PK3 to 8th, are over the legal threshold? And how many extra students are found in these classrooms?
  - b. How many general education classrooms, grades 9th to 12th, are over the legal threshold? And how many extra students are found in these classrooms?
2. To what extent do the demographics of students enrolled in the magnets schools within Newark Public Schools reflect the demographics of students across the district when it comes to race/ethnicity, gender, special education classification status, English Language Learner status, and neighborhood residency?
3. To what extent has One Newark Universal Enrollment created equitable conditions for student achievement?
  - a. In which neighborhoods in Newark do students enrolled in magnet schools reside? And how has this residency changed from the 2011-2012 school year to the 2016-2017 school year?

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<sup>6</sup> Krueger, A. B. (2003). Economic considerations and class size. *The Economic Journal*, 113, F34-F63.

- b. Which percentages of students reside in the neighborhoods where their schools are located? And how has this residency changed from the 2011-2012 school year to the 2016-2017 school year?

## Findings

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### Class Size Counts

To what extent is the Newark Public School District in compliance with class size regulations? To answer this question, the P & I Committee looked at class size data for the 2016-2017 school year. One set of data is grouped as grades PK3 to 8th, and the other set of data is grouped as grades 9th to 12th.

**How many general education classrooms, grades PK3 to 8th, are over the legal threshold? And how many extra students are found in these classrooms?**

**TABLE C-1.** One out of every three (37.5%) classrooms in the PK3-8th grade span is over the legal threshold. Schools located within the 07105 zip code, commonly known as the Ironbound section of Newark, have the highest level of oversized classrooms at 74.8%. In other words, three out of every four classrooms are oversized in the Ironbound.

**TABLE C-2.** The number of extra students found in PK3-8th grade classrooms ranges from one to thirteen. Just over half of the classes are under the legal limit (51.9%).

**TABLE C-3.** Oversized classes have a fairly equal distribution across the grade span, PK3 to 8th. The classrooms with multiple grade levels in them tend to be at or under the limit in almost every case.

**How many general education classrooms, grades 9th to 12th, are over the legal threshold? And how many extra students are found in these classrooms?**

**TABLE C-4.** One in four classes in the 9th-12th grade span is over the legal threshold. This table allows you to compare the magnet schools to the non-magnets. The data shows that magnets have oversized classes at the same frequency as non-magnets. There are six class types on the high school level: Creole, ESL, General Education, Lab, Spanish, and Portuguese. Labs are only found in the magnets and have a rate of 38.9% oversized. Almost half (44.4%) of Spanish classes, only found in the non-magnets, are oversized. East Side High has 49.2% of its classes over the legal limit; that is by far the highest rate of all the high schools.

**TABLE C-5.** The number of extra students found in 9th-12th grade classrooms ranges from one to twelve. In the two instances where class sizes are recorded as 52 and 69, these represent off-site college-level courses district high school students attend.

## Magnet Schools

Magnet schools in NPS are those schools designated as having a special application process. NPS recognizes six magnet schools: American History High School, Arts High School, Bard Early College High School, Science Park High School, Technology High School, and University High School. These were the six schools examined for this section of the report.

## Demographics

To what extent do the demographics of students enrolled in the magnets schools within Newark Public Schools reflect the demographics of students across the district? This first section compares the following demographic aspects: special education classification status, English Language Learner (ELL) status, and eligibility for free or reduced price lunch from the 2011-2012 school year to the 2016-2017 school year. This preliminary report will only preview the race/ethnicity and gender demographics of students at Science Park. The final report will include this information for all of the magnet schools.

**TABLES D-1 thru D-3.** The students enrolled in magnet schools do not reflect the students across the district when it comes to special education status, English Language Learner status, or eligibility for free or reduced price lunch. In the 2011-2012 school year, 0.21% of magnet school students were classified as special education students, whereas the school district had an enrollment of 9% special needs students. Though this disparity exists across the remaining three school years examined, it must be noted that the percentage of students enrolled in magnet schools that are classified as special education has increased to 14%, 15.9%, and 15.9%, respectively. Students enrolled at magnet schools with an ELL status are nearly nonexistent and actually nonexistent in the 2016-2017 school year; none of the students enrolled in the magnets in the 2016-2017 school year have an ELL status. When it comes to eligibility for free or reduced price lunch, the district has maintained higher percentages of students who are eligible than the magnet schools as a whole do over the course of the school years examined. Taken individually, most of the magnets have a much lower rate of eligibility than compared to the district; however, Technology is the only magnet where the rates of eligibility nearly match the district's rates.

**TABLE D-4.** The demographics of Science Park students in the areas of race/ethnicity and gender do not reflect districtwide demographics. Science Park has enrolled higher percentages of Asian, American Indian or Native Alaskan, Native Hawaiian or Other Pacific Islander, and White students than the district enrolls—sometimes two and three times higher—over the last few school years. The percentage of Black students enrolled at Science Park during the school years examined are all lower than the districtwide averages. In particular, the average rate of Black male representation at Science Park over the span of these years (13%) is just more than half of the districtwide average rate (24%). Hispanic student enrollment at Science Park nearly mirrors districtwide enrollment of this demographic.

### Neighborhood Residency

To what extent has One Newark created equitable conditions for student achievement? To begin to answer this question, the P&I Committee analyzed one of the operational variables—neighborhood residency—as it pertains to students enrolled in magnet schools.

**In which neighborhoods in Newark do students enrolled in magnet schools reside? And how has this residency changed from the 2011-2012 school year to the 2016-2017 school year?**

**TABLE D-5.** Five out of the six magnet schools pull at least forty percent of their students from only two zip codes and their accompanying neighborhoods. For example, at Science Park, fifty percent of its students reside in two areas of the city: the 07105 zip code (Ironbound neighborhood) and the 07104 zip code (Lower Broadway, Mount Pleasant, North Broadway, and Forest Hill neighborhoods). Technology had a similar percentage of its students residing in just two of the nine zip codes in the 2011-2012 school year; however, over the years, the actual top two neighborhoods changed for Technology while the rate remained the same. Starting in the 2013-2014 school year, both Science Park and Technology had the 07105 zip code and the 07104 zip code as the top two areas of the city in which their students resided.

**TABLES D-6 thru D-11.** These six tables, one per magnet school, show the percentages of students who resided in each of the nine zip codes from the 2011-2012 school year to the current school year. American History has nearly doubled the percentage of students (8% to 15.3%) from the 07108 zip code (Upper Clinton Hill, Lower Clinton Hill neighborhoods) over this time span and enrolled less students (21.6% to 15.9%) from the 07106 zip code (Vailsburg neighborhood), which was its top neighborhood in 2011-2012. Changes in enrollment at Arts High, Bard Early College, and University show an evening out of students from across the nine zip codes.

***TABLES D-12 thru D-20.*** Very low percentages of students who attend magnets reside in the 07102 zip code (Downtown, Lincoln Park neighborhoods). The data also shows that students enrolled in magnets tend to attend a magnet that is close to their home. For example, students attending University (located in the 07108 zip code, the Upper Clinton Hill and Lower Clinton Hill neighborhoods) reside overwhelmingly in the 07108 zip code, at 19.5% in the 2016-2017 school year, and the 07112 zip code (Weequahic neighborhood), at 19.2% for a total of 38.7% of students residing in these two areas. The Dayton, Southwest Ironbound (small section), and Lincoln Park neighborhoods—all located in the 07114 zip code—historically have sent very low percentages of students to magnet schools, with a low of 2% of the student population at University in the 2011-2012 school year to a high of 5% of the student population at Bard Early College in the 2015-2016 school year.

## Choice/Residency

To further explore to what extent One Newark has created equitable conditions for student achievement, the P&I Committee examined where students from across the district lived compared to the location of their schools.

**Which percentages of students reside in the neighborhoods where their schools are located? And how has this residency changed from the 2011-2012 school year to the 2016-2017 school year?**

***TABLES E-1 & E-2.*** Historically, the schools serving grades PK3-8th have had significantly higher percentages of their students residing in the same zip code in which the school is located, whereas the schools serving any of the grades from 7th to 12th have not. Exceptions include schools that serve special populations such as Bruce Street School for the Deaf, John F. Kennedy, and NJ Regional Day. Table E-2 shows declines in the percentage of students who reside in the same zip code as the school is located for most of the non-magnet schools, most particularly for the comprehensive high schools, i.e., Barringer, Central, East Side, Malcolm X Shabazz, Weequahic, and West Side, that traditionally top the feeder pattern for surrounding neighborhood elementary schools.

## Discussion

The P&I Committee, along with two NPS administrators, discussed this preliminary report at the February 14, 2017 meeting. It was a robust discussion that enumerated the possibilities of how to move forward to effectively reduce class sizes across the district. We considered such questions as: which schools or neighborhoods should be targeted for reducing class size? If we utilize a phase-in plan, how long should this take and what lengths of time would be used as the benchmarks? In other words, by which school year do we want to see the elimination of oversized classrooms?



Again, this was just a preliminary discussion—the tip of the iceberg. Class size is interrelated with all of the other aspects of teaching and learning in addition to the operations and finances of the school district. Some of the proposals for how to go about effectively reducing class size in NPS included:

- Focusing on reducing class size in the overcrowded East Ward schools first
- Focusing on reducing class size in the high schools
- Hiring more instructional aides
- Leveraging partnerships with universities' teacher education programs in order to lower the adult:student ratio in oversized classrooms
- Redrawing catchment areas based on the most recent census data and/or projections
- Changing the enrollment policy to ensure overcrowding is not occurring because students are coming from outside of the neighborhood when they could be attending a school in their own neighborhood that is not overcrowded

No matter which path we decide to take in order to arrive at reduced class sizes, the first step is dialogue between the district and the school board, and the budget process is a perfect site for this exchange of ideas.

## Recommendations

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As a result of the findings of this preliminary report, the Program and Instruction Committee makes the following recommendation:

The administration of Newark Public Schools should incorporate the findings of the class size and composition audit preliminary report into the discussions of the District Budget Committee in order to inform the budget planning process for the 2017-2018 school year, taking into consideration the proposals listed in the above section of this report.

# APPENDIX A: Newark Public Schools

TABLE A-1: List of Schools (\*school no longer exists or is in a new location)

School Name	ZIP	Grades
Abington Avenue	07107	PK-8
American History High	07103	6-12
Ann Street	07105	PK-8
Arts High	07102	7-12
Bard Early College High	07103	9-12
Barringer High, STEAM & Arts	07104	9-12
Belmont-Runyon	07108	K-8
Benjamin Franklin	07104	PK-4
Branch Brook	07104	PK-4
BRICK Avon	07108	K-8
BRICK Peshine	07112	PK-8
Bruce Street	07112	PK-8
Camden Street	07103	PK-8
Central High	07103	9-12
Chancellor Avenue	07112	K-8
Cleveland	07103	PK-8
Dr. E. Alma Flagg	07107	K-8
Dr. William H. Horton	07107	K-8
Eagle Academy	07112	6-9
Early Childhood Academy-Berliner	07103	PK3-K
Early Childhood Academy-Gladys Hillman Jones	07104	PK3-K

School Name	ZIP	Grades
Early Childhood Academy-South	07112	PK3-K
Early Childhood Academy-West	07106	PK3-K
Early College High* at 66 Muhammad Ali Ave	07108	9-12
East Side High	07105	9-12
Elliott Street	07104	PK-4
Fast Track Success Academy	07103	N/A
First Avenue	07107	PK-8
Fourteenth Avenue	07103	K-4
George Washington Carver	07112	K-8
Harriet Tubman	07103	PK-6
Hawkins Street	07105	PK-8
Hawthorne Avenue	07108	K-8
Ivy Hill	07106	PK-8
John F. Kennedy	07103	N/A
Lafayette Street	07105	PK-8
Lincoln	07106	PK-8
Louise A. Spencer	07108	K-8
Luis Munoz Marin	07104	PK-8
Malcolm X. Shabazz High	07108	9-12
McKinley	07104	PK-8
Miller Street	07114	PK-8

School Name	ZIP	Grades
Mount Vernon	07106	PK-8
NJ Regional Day	07112	N/A
Newark Leadership Academy	07103	N/A
Newark Vocational High at 301 W. Kinney	07103	9-12
North 10 <sup>th</sup> Street-Salome Ureña	07107	PK-3
Oliver Street	07105	PK-8
Park	07104	PK-8
Quitman Street Community	07103	PK-8
Rafael Hernandez	07104	PK-8
Ridge Street	07104	K-8
Roberto Clemente	07104	PK-4
Science Park High	07103	7-12
South Seventeenth St	07103	K-8
South Street	07114	PK-5
Speedway Avenue	07106	K-8
Sussex Avenue	07107	PK-8
Technology High	07104	9-12
Thirteenth Avenue	07103	PK-8
University High	07108	7-12
Weequahic High	07112	9-12
West Side Campus*	07106	7-12
Wilson Avenue	07105	K-8

TABLE A-2: Map of Schools

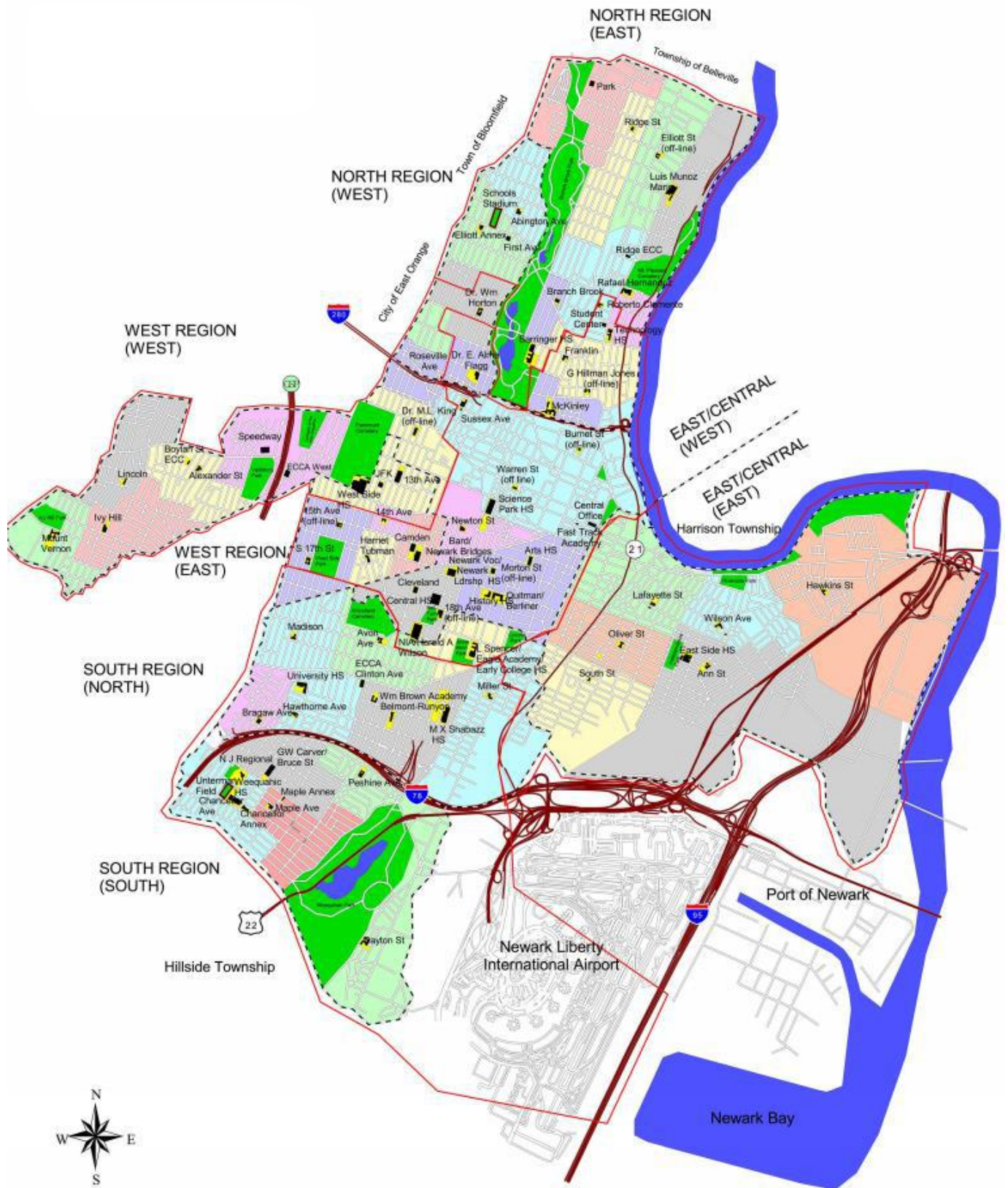


TABLE A-3: Neighborhoods by Zip Code

ZIP	Approximate Neighborhoods
07102	Downtown, Lincoln Park
07103	West Side Park, Springfield/Belmont, University Heights, Fairmount
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill
07105	Ironbound
07106	Vailsburg
07107	Fairmount, Lower Roseville, Upper Roseville
07108	Upper Clinton Hill, Lower Clinton Hill
07112	Weequahic
07114	Dayton, Southwest Ironbound (small section), Lincoln Park

## APPENDIX B: Legal Threshold of Class Sizes in New Jersey

TABLE B-1: CLASS SIZE LIMITS & STAFFING REQUIREMENTS ACCORDING TO NEW JERSEY'S ADMINISTRATIVE CODE - NJAC 6A

GRADE LEVEL	# OF STUDENTS	FACULTY	LEGAL CITATION
PRESCHOOL	15	1 TEACHER + 1 AIDE	NJAC 6A:13A-4.3
KINDERGARTEN	21	1 TEACHER + 1 AIDE	NJAC 6A:13-3.1 & NJAC 6A:13-3.2
1st to 3rd Grades	21	1 TEACHER	NJAC 6A:13-3.1
4th to 5th Grades	23	1 TEACHER	NJAC 6A:13-3.1
6th to 12th Grades	24	1 TEACHER	NJAC 6A:13-3.1

TABLE B-2: SELF CONTAINED SPECIAL EDUCATION CLASS SIZE LIMITS & STAFFING REQUIREMENTS- NJAC 6A:14-4.7(E)

PROGRAM	MAXIMUM # OF STUDENTS WITHOUT AN AIDE	MAXIMUM # OF STUDENTS WITH AN AIDE
Auditory Impairments	8	9 to 12
Autism	3	4 to 6; secondary only – 7 to 9 w/2 aides
Behavioral Disabilities	9	10 to 12
<b>COGNITIVE DISABILITIES</b>		
Mild	12	13 to 16
Moderate	10	11 to 13
Severe	3	4 to 6 and with 2 aides 7 to 9
<b>LEARNING &amp;/OR LANGUAGE DISABILITIES</b>		
Mild to moderate	10	11 to 16
Severe	8	9 to 12
Multiple Disabilities	8	9 to 12
Preschool Disabilities	----	1 to 8 with 1 aide & 9 to 12 w/2 aides
Visual Impairments	8	9 to 12

TABLE B-3: SPECIAL EDUCATION RESOURCE PROGRAMS - CLASS SIZE LIMITS & STAFFING REQUIREMENTS - NJAC 6A:14-4.6(m)

SPECIAL EDUCATION PROGRAM	PRESCHOOL/ ELEMENTARY		SECONDARY	
	NO AIDE	AIDE REQUIRED	NO AIDE	AIDE REQUIRED
SUPPORT RESOURCE & SUPPLEMENTARY INSTRUCTION	NO AIDE	AIDE REQUIRED	NO AIDE	AIDE REQUIRED
In-class	8	--	10	--
PULL OUT SUPPORT & SUPPLEMENTARY INSTRUCTION	NO AIDE	AIDE REQUIRED	NO AIDE	AIDE REQUIRED
Single Subject	6	7 TO 9	9	10 TO 12
Multiple Subject	6	7 TO 9	6	7 TO 9
REPLACEMENT RESOURCE PROGRAM	NO AIDE	AIDE REQUIRED	NO AIDE	AIDE REQUIRED
Pull-Out Single Subject	6	7 TO 9	9	10 TO 12

## APPENDIX C: Class Size Compliance, General Education

TABLE C-1: Count of General Education Classrooms over the Legal Threshold by School, PK3-8th, 2016-17 SY

School	Over the Threshold?		Total Classes
	No	Yes	
<b>07102</b>	<b>75.0%</b> <b>(3)</b>	<b>25.0%</b> <b>(1)</b>	<b>100%</b> <b>(4)</b>
Arts High School	3	1	4
<b>07103</b>	<b>92.6%</b> <b>(138)</b>	<b>7.4%</b> <b>(11)</b>	<b>100%</b> <b>(149)</b>
American History High School	4	-	4
Camden Street Elementary School	24	2	26
Cleveland Eighteenth Avenue School	18	2	20
Fourteenth Avenue School	9	-	9
Harriet Tubman Elementary School	13	3	16
Quitman Community School	24	2	26
South Seventeenth Street School	17	1	18
Thirteenth Avenue School	29	1	30
<b>07104</b>	<b>58.7%</b> <b>(148)</b>	<b>41.3%</b> <b>(104)</b>	<b>100%</b> <b>(252)</b>
Benjamin Franklin Elementary School	25	1	26
Branch Brook School	1	5	6
Elliott Street Elementary School	23	8	31
Luis Munoz Marin Elementary School	25	13	38
McKinley	19	12	31
Park Elementary School	15	21	36
Rafael Hernandez School	11	18	29
Ridge Street School	8	21	29
Roberto Clemente Elementary School	21	5	26
<b>07105</b>	<b>25.2%</b> <b>(54)</b>	<b>74.8%</b> <b>(160)</b>	<b>100%</b> <b>(214)</b>
Ann Street School	9	42	51
Hawkins Street School	9	19	28
Lafayette Street School	14	35	49
Oliver Street School	11	31	42
Wilson Avenue School	11	33	44

TABLE C-1 (CONTINUED): Count of General Education Classrooms over the Legal Threshold by School, PK3-8th, 2016-17 SY

School	Over the Threshold?		Total Classes
	No	Yes	
<b>07106</b>	<b>72.1%</b> <b>(75)</b>	<b>27.9%</b> <b>(29)</b>	<b>100%</b> <b>(104)</b>
Ivy Hill Elementary School	16	8	24
Lincoln	12	7	19
Mt Vernon Place School	23	11	34
Newark Early College High School	1	-	1
Speedway Avenue School	23	3	26
<b>07107</b>	<b>56.1%</b> <b>(96)</b>	<b>43.9%</b> <b>(75)</b>	<b>100%</b> <b>(171)</b>
Abington Avenue School	9	25	34
Dr. E. Alma Flagg School	14	9	23
Dr. William H Horton Elementary School	28	6	34
First Avenue School	17	32	49
North 10th Street School	7	-	7
Sussex Avenue School	21	3	24
<b>07108</b>	<b>90.1%</b> <b>(82)</b>	<b>9.9%</b> <b>(9)</b>	<b>100%</b> <b>(91)</b>
B.R.I.C.K. Avon Academy	21	3	24
Belmont Runyon Elementary School	20	3	23
Hawthorne Avenue School	19	2	21
Louise A Spencer Elementary School	14	1	15
University High School	8	-	8
<b>07112</b>	<b>81.3%</b> <b>(65)</b>	<b>18.8%</b> <b>(15)</b>	<b>100%</b> <b>(80)</b>
B.R.I.C.K. Peshine Academy	27	7	34
Chancellor Avenue School	16	5	21
Eagle Academy for Young Men of Newark	5	-	5
George Washington Carver	17	3	20
<b>07114</b>	<b>71.7%</b> <b>(33)</b>	<b>28.3%</b> <b>(13)</b>	<b>100%</b> <b>(46)</b>
Miller Street School at Spencer	22	2	24
South Street Elementary School	11	11	22
<b>All PK3-8th Classes</b>	<b>62.5%</b> <b>(694)</b>	<b>37.5%</b> <b>(417)</b>	<b>100%</b> <b>(1111)</b>



TABLE C-2: Count of General Education Classrooms by the # of Extra Students Enrolled in a Class and School, PK3-8th, 2016-17 SY

School	Under	At	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12	+13	Total Classes
Abington Avenue	5	4	7	5	4	2	6	1								34
American History High	4															4
Ann Street School	8	1	3	4	5	4	8	9	3	3	1	1	1			51
Arts High School	3					1										4
B.R.I.C.K. Avon	21		3													24
B.R.I.C.K. Peshine	21	6	3	2	1	1										34
Belmont Runyon	18	2		1	1	1										23
Benjamin Franklin	24	1	1													26
Branch Brook	0	1		2		1		1		1						6
Camden Street	21	3	2													26
Chancellor Avenue	14	2	1	2	2											21
Cleveland	16	2	1		1											20
Dr. E. Alma Flagg	13	1	3	3	2					1						23
Dr. William H Horton	23	5	2		1	1		1			1					34
Eagle Academy	5															5
Elliott Street	17	6	1	2	2	2	1									31
First Avenue	12	5	7	4	3	4	6		3	5						49
Fourteenth Avenue	9															9
George Washington Carver	15	2	3													20
Harriet Tubman	10	3	1	1	1											16
Hawkins Street School	4	5	3	2	1	2	3	4	2		2					28
Hawthorne Avenue	17	2				1				1						21
Ivy Hill	14	2	3	1	3	1										24
Lafayette Street	6	8	5	7	5	8	2	3	3		2					49
Lincoln	8	4	1	5	1											19
Louise A Spencer	14					1										15
Luis Munoz Marin	22	3	2	2	2	3	3	1								38
McKinley	13	6	3	1	5	1	1	1								31

Miller Street	22					2											24
Mt Vernon Place School	14	9	2	6	3												34
Newark Early College	1																1
NJ Regional Day	6																6
North 10th Street	7																7
Oliver Street School	6	5	3	5	8	7	2	6									42
Park Elementary School	10	5	3	7	1	5	2	1	2								36
Quitman Street Community	22	2	2														26
Rafael Hernandez	7	4	6	4		4	1	1	1	1							29
Ridge Street School	5	3	8	3	3	1	1	3		2							29
Roberto Clemente	19	2	2		2	1											26
South Seventeenth Street	16	1	1														18
South Street	4	7	2	5	1	2	1										22
Speedway Avenue	20	3		1	2												26
Sussex Avenue	19	2	2				1										24
Thirteenth Avenue	27	2		1													30
University High	8																8
Wilson Avenue	10	1	3		6	5	4		4	2		4	1	3	1		44
	<b>Under</b>	<b>At</b>	<b>+1</b>	<b>+2</b>	<b>+3</b>	<b>+4</b>	<b>+5</b>	<b>+6</b>	<b>+7</b>	<b>+8</b>	<b>+9</b>	<b>+10</b>	<b>+11</b>	<b>+12</b>	<b>+13</b>	<b>Total Classes</b>	
<b>Grand Total</b>	<b>580</b>	<b>120</b>	<b>89</b>	<b>76</b>	<b>66</b>	<b>61</b>	<b>42</b>	<b>32</b>	<b>18</b>	<b>16</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1117</b>	
<b>%</b>	<b>51.9%</b>	<b>10.7%</b>	<b>8.0%</b>	<b>6.8%</b>	<b>5.9%</b>	<b>5.5%</b>	<b>3.8%</b>	<b>2.9%</b>	<b>1.6%</b>	<b>1.4%</b>	<b>0.54%</b>	<b>0.45%</b>	<b>0.18%</b>	<b>0.27%</b>	<b>0.09%</b>	<b>100%</b>	

TABLE C-3: Count of General Education Classrooms over the Legal Threshold by Grade and Zip Code, PK3-8th, 2016-17 SY

	07102	07103	07104	07105	07106	07107	07108	07112	07114	
Grade	Total # of Classes Over Threshold									Total
PK3	-	0	0	0	0	0	0	0	-	0
PK3 - PK4	-	0	0	-	0	0	0	0	0	0
PK4	-	0	0	0	0	3	-	0	0	3
K	-	2	6	8	5	5	4	0	3	33
K - 1	-	-	1	-	-	0	-	-	-	1
K - 1 - 2	-	-	0	-	-	-	-	-	-	0
1	-	1	9	20	4	8	1	3	0	46
2	-	3	13	23	6	9	3	3	1	61
3	-	1	15	22	3	9	0	1	2	53
4	-	1	11	19	1	6	0	1	1	40
5	-	1	13	20	2	10	0	2	2	50
6	-	2	10	16	5	9	1	0	3	46
7	0	0	13	15	1	9	0	4	0	42
8	1	0	10	17	2	5	0	1	0	36
1 - 2	-	0	-	-	-	-	-	-	0	0
2 - 3	-	-	1	-	-	-	-	0	-	1
3 - 4	-	0	0	-	-	0	-	-	0	0
4 - 5	-	-	0	-	-	1	-	-	-	1
5 - 6	-	-	0	-	-	0	-	-	0	0
5 - 7	-	-	1	-	-	-	-	-	-	1
6 - 7	-	-	0	-	-	0	-	-	-	0
7 - 8	-	0	1	-	-	1	-	-	1	3
<b>Grand Total</b>	<b>1</b>	<b>11</b>	<b>104</b>	<b>160</b>	<b>29</b>	<b>75</b>	<b>9</b>	<b>15</b>	<b>13</b>	<b>417</b>
	<b>07102</b>	<b>07103</b>	<b>07104</b>	<b>07105</b>	<b>07106</b>	<b>07107</b>	<b>07108</b>	<b>07112</b>	<b>07114</b>	
<b>Total %</b>	<b>0.2%</b>	<b>2.6%</b>	<b>24.9%</b>	<b>38.4%</b>	<b>7.0%</b>	<b>18.0%</b>	<b>2.2%</b>	<b>3.6%</b>	<b>3.1%</b>	<b>100.0%</b>

TABLE C-4: Count of General Education Classrooms over the Legal Threshold by Class Type and School, 9th-12th, 2016-17 SY

Class Type:	Creole		ESL		General Education		Lab		Portuguese		Spanish		ALL CLASSES	
	Over the Threshold?													
School	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
<b>NON-MAGNETS TOTAL</b>	<b>5</b>	<b>-</b>	<b>52</b>	<b>29</b>	<b>1030</b>	<b>287</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>5</b>	<b>45</b>	<b>36</b>	<b>1145</b>	<b>357</b>
<b>NON-MAGNETS %</b>	<b>100%</b>	<b>0%</b>	<b>64.2%</b>	<b>35.8%</b>	<b>78.2%</b>	<b>21.8%</b>	<b>-</b>	<b>-</b>	<b>72.2%</b>	<b>27.8%</b>	<b>55.6%</b>	<b>44.4%</b>	<b>76.2%</b>	<b>23.8%</b>
Barringer Academy of S.T.E.A.M.	-	-	17	9	102	14	-	-	-	-	16	12	135	35
Barringer ARTS	-	-	10	2	104	19	-	-	-	-	11	5	125	26
Central High	5	-	5		114	77	-	-	-	-	-	-	124	77
Eagle Academy	-	-	-	-	50	-	-	-	-	-	-	-	50	-
East Side High	-	-	20	18	144	147	-	-	13	5	18	19	195	189
Fast Track Success Academy	-	-	-	-	50	-	-	-	-	-	-	-	50	-
John F Kennedy	-	-	-	-	9	-	-	-	-	-	-	-	9	-
Malcolm X Shabazz High	-	-	-	-	74	11	-	-	-	-	-	-	74	11
Newark Early College High	-	-	-	-	132	13	-	-	-	-	-	-	132	13
Newark Leadership Academy	-	-	-	-	92	-	-	-	-	-	-	-	92	-
Newark Vocational High	-	-	-	-	106	2	-	-	-	-	-	-	106	2
Weequahic High	-	-	-	-	53	4	-	-	-	-	-	-	53	4
<b>MAGNETS TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>564</b>	<b>206</b>	<b>14</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>578</b>	<b>212</b>
<b>MAGNETS %</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>73.2%</b>	<b>26.8%</b>	<b>61.1%</b>	<b>38.9%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>73.2%</b>	<b>26.8%</b>
American History High	-	-	-	-	99	9	1	1	-	-	-	-	100	10
Arts High	-	-	-	-	80	43	7	7	-	-	-	-	87	50
Bard Early College High	-	-	-	-	113	-	-	-	-	-	-	-	113	-
Science Park High	-	-	-	-	119	63	-	-	-	-	-	-	119	63
Technology High	-	-	-	-	71	46	14	6	-	-	-	-	85	52
University High	-	-	-	-	82	45	-	-	-	-	-	-	82	45
<b>ALL DISTRICTHIGH SCHOOLS</b>	<b>5</b>	<b>0</b>	<b>52</b>	<b>29</b>	<b>1594</b>	<b>493</b>	<b>22</b>	<b>14</b>	<b>13</b>	<b>5</b>	<b>45</b>	<b>36</b>	<b>1731</b>	<b>577</b>
<b>%</b>	<b>100%</b>	<b>0%</b>	<b>64.2%</b>	<b>35.8%</b>	<b>76.4%</b>	<b>23.6%</b>	<b>61.1%</b>	<b>38.9%</b>	<b>72.2%</b>	<b>27.8%</b>	<b>55.6%</b>	<b>44.4%</b>	<b>75.0%</b>	<b>25.0%</b>

TABLE C-5: Count of General Education Classrooms by the # of Students Enrolled in a Class and School, 9th-12th, 2016-17 SY

School	# of Students Enrolled in a Class																Total Classes
	<24	24	25	26	27	28	29	30	31	32	33	34	35	36	52	69	
<b>NON-MAGNETS</b>	<b>1092</b>	<b>53</b>	<b>65</b>	<b>57</b>	<b>49</b>	<b>50</b>	<b>42</b>	<b>33</b>	<b>24</b>	<b>11</b>	<b>16</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1502</b>
<b>Total %</b>	<b>72.7%</b>	<b>3.5%</b>	<b>4.3%</b>	<b>3.8%</b>	<b>3.3%</b>	<b>3.3%</b>	<b>2.8%</b>	<b>2.2%</b>	<b>1.6%</b>	<b>0.7%</b>	<b>1.1%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>100%</b>
Barringer ARTS	129	6	5	8	3	7	6	1	3		1			1			151
Barringer S.T.E.A.M	114	11	10	8	2	3	2				1						170
Central	118	6	7	8	14	10	4	5	9	5	8	4	2		1*		201
Eagle Academy	50																50
East Side	177	18	34	29	23	29	25	23	12	6	6		1			1*	384
Fast Track Success	50																50
John F Kennedy	9																9
Malcolm X Shabazz	71	3	3		4	1	2	1									85
Newark Early College	125	7	5	3	2		1	2									145
Newark Leadership	92																92
Newark Vocational	105	1	1		1												108
Weequahic	52	1		1			2	1									57
<b>MAGNETS</b>	<b>526</b>	<b>60</b>	<b>73</b>	<b>53</b>	<b>26</b>	<b>30</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>5</b>	<b>3</b>						<b>806</b>
<b>Total %</b>	<b>65.3%</b>	<b>7.4%</b>	<b>9.1%</b>	<b>6.6%</b>	<b>3.2%</b>	<b>3.7%</b>	<b>1.5%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>0.6%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100%</b>
American History	94	6	4	2	3	1											110
Arts	75	12	10	6	5	8	8	5	6	1	1						137
Bard Early College	111	2															113
Science Park	101	18	18	17	13	12	1	2									182
Technology	70	15	27	20	1	4											137
University	75	7	14	8	4	5	3	1	4	4	2						127
<b>All District High Schools</b>	<b>1618</b>	<b>113</b>	<b>138</b>	<b>110</b>	<b>75</b>	<b>80</b>	<b>54</b>	<b>41</b>	<b>34</b>	<b>16</b>	<b>19</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2,308</b>
<b>%</b>	<b>70.1%</b>	<b>4.9%</b>	<b>6.0%</b>	<b>4.8%</b>	<b>3.2%</b>	<b>3.5%</b>	<b>2.3%</b>	<b>1.8%</b>	<b>1.5%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.04%</b>	<b>0.04%</b>	<b>0.04%</b>	<b>100%</b>

\*These classes appear to correspond to multiple college-level classes taken off site.

Note: (1) only general education classes are included; (2) only core classes (English Language Arts, Math, Social Studies & Science) are included

## APPENDIX D: Magnet Schools

TABLE D-1: MAGNET SCHOOLS, Demographics of Students: Special Education Status, Compared to NPS, 2011 SY and 2014-2016 SYs

SPED Students?	2011	NPS 2011	2014	NPS 2014	2015	NPS 2015	2016	NPS 2016
<b>American History</b>								
Yes	0.35% (1)	9.0% (2961)	6.40% (29)	14.0% (4855)	11.47% (50)	15.9% (5402)	12.44% (56)	15.9% (5675)
No	99.65% (283)	91.0% (29761)	93.60% (424)	86.0% (29829)	88.53% (386)	84.1% (28552)	87.56% (394)	84.1% (29977)
<b>Arts</b>								
Yes	0.79% (5)	9.0% (2961)	3.35% (23)	14.0% (4855)	5.84% (41)	15.9% (5402)	8.27% (58)	15.9% (5675)
No	99.21% (630)	91.0% (29761)	96.65% (663)	86.0% (29829)	94.16% (661)	84.1% (28552)	91.73% (643)	84.1% (29977)
<b>Bard Early College</b>								
Yes	0.00% (0)	9.0% (2961)	4.98% (15)	14.0% (4855)	8.05% (24)	15.9% (5402)	6.54% (20)	15.9% (5675)
No	100% (120)	91.0% (29761)	95.02% (286)	86.0% (29829)	91.95% (274)	84.1% (28552)	93.46% (286)	84.1% (29977)
<b>Science Park</b>								
Yes	0% (0)	9.0% (2961)	2.59% (21)	14.0% (4855)	4.17% (35)	15.9% (5402)	5.58% (45)	15.9% (5675)
No	100% (764)	91.0% (29761)	97.41% (790)	86.0% (29829)	95.83% (804)	84.1% (28552)	94.42% (762)	84.1% (29977)
<b>Technology</b>								
Yes	0% (0)	9.0% (2961)	5.56% (33)	14.0% (4855)	10.48% (63)	15.9% (5402)	14.75% (91)	15.9% (5675)
No	100% (540)	91.0% (29761)	94.44% (561)	86.0% (29829)	89.52% (538)	84.1% (28552)	85.25% (526)	84.1% (29977)
<b>University</b>								
Yes	0% (0)	9.0% (2961)	3.20% (18)	14.0% (4855)	6.69% (35)	15.9% (5402)	10.44% (59)	15.9% (5675)
No	100% (558)	91.0% (29761)	96.80% (545)	86.0% (29829)	93.31% (488)	84.1% (28552)	89.56% (506)	84.1% (29977)
<b>All Magnets Yes</b>	<b>0.21% (6)</b>	<b>9.0% (2961)</b>	<b>4.08% (139)</b>	<b>14.00% (4855)</b>	<b>7.30% (248)</b>	<b>15.90% (5402)</b>	<b>9.55% (329)</b>	<b>15.90% (5675)</b>

TABLE D-2: MAGNET SCHOOLS, Demographics of Students: English Language Learner Status, Compared to NPS, 2011 SY and 2014-2016 SYs

ELL Students?	2011	NPS 2011	2014	NPS 2014	2015	NPS 2015	2016	NPS 2016
<b>American History</b>								
Yes	0% (0)	2.1% (693)	0% (0)	5.8% (2026)	0% (0)	8.0% (2731)	0% (0)	11.4% (4079)
No	100% (284)	97.9% (32027)	100% (453)	94.2% (32658)	100% (436)	92.0% (31223)	100% (450)	88.6% (31573)
<b>Arts</b>								
Yes	0% (0)	2.1% (693)	0% (0)	5.8% (2026)	0% (0)	8.0% (2731)	0% (0)	11.4% (4079)
No	100% (635)	97.9% (32027)	100% (686)	94.2% (32658)	100% (702)	92.0% (31223)	100% (701)	88.6% (31573)
<b>Bard Early College</b>								
Yes	0% (0)	2.1% (693)	0% (0)	5.8% (2026)	0.3% (1)	8.0% (2731)	0% (0)	11.4% (4079)
No	100% (120)	97.9% (32027)	100% (301)	94.2% (32658)	99.7% (297)	92.0% (31223)	100% (306)	88.6% (31573)
<b>Science Park</b>								
Yes	0.1% (1)	2.1% (693)	0.1% (1)	5.8% (2026)	0% (0)	8.0% (2731)	0% (0)	11.4% (4079)
No	99.9% (763)	97.9% (32027)	99.9% (810)	94.2% (32658)	100% (839)	92.0% (31223)	100% (807)	88.6% (31573)
<b>Technology</b>								
Yes	0.2% (1)	2.1% (693)	0% (0)	5.8% (2026)	0% (0)	8.0% (2731)	0% (0)	11.4% (4079)
No	99.8% (539)	97.9% (32027)	100% (594)	94.2% (32658)	100% (601)	92.0% (31223)	100% (617)	88.6% (31573)
<b>University</b>								
Yes	0.2% (1)	2.1% (693)	0% (0)	5.8% (2026)	0% (0)	8.0% (2731)	0% (0)	11.4% (4079)
No	99.8% (557)	97.9% (32027)	100% (563)	94.2% (32658)	100% (523)	92.0% (31223)	100% (565)	88.6% (31573)
<b>All Magnets Yes</b>	<b>0.10%</b> <b>(3)</b>	<b>2.1%</b> <b>(693)</b>	<b>0.03%</b> <b>(1)</b>	<b>5.8%</b> <b>(2026)</b>	<b>0.03%</b> <b>(1)</b>	<b>8.0%</b> <b>(2731)</b>	<b>0.00%</b> <b>(0)</b>	<b>11.4%</b> <b>(4079)</b>

TABLE D-3: MAGNET SCHOOLS, Demographics of Students: Eligibility for Free or Reduced Price Lunch, Compared to NPS, 2011 SY and 2014-2016 SYs

School	2011	NPS 2011	2014	NPS 2014	2015	NPS 2015	2016	NPS 2016
<b>American History</b>								
Free	59.9% (170)	69.7% (22806)	61.8% (280)	73.5% (25492)	67.0% (292)	76.9% (26119)	68.4% (308)	77.4% (27605)
Price	32.4% (92)	24.7% (8085)	34.4% (156)	21.5% (7450)	28.2% (123)	17.3% (5890)	25.1% (113)	16.5% (5891)
Reduced	7.7% (22)	5.6% (1831)	3.8% (17)	5.0% (1742)	4.8% (21)	5.7% (1945)	6.4% (29)	6.0% (2156)
<b>American History Total</b>	<b>100%</b> <b>(284)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(453)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(436)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(450)</b>	<b>100%</b> <b>(35652)</b>
<b>Arts High School</b>								
Free	53.5% (340)	69.7% (22806)	54.8% (376)	73.5% (25492)	61.8% (434)	76.9% (26119)	62.1% (435)	77.4% (27605)
Price	39.7% (252)	24.7% (8085)	38.0% (261)	21.5% (7450)	29.9% (210)	17.3% (5890)	30.7% (215)	16.5% (5891)
Reduced	6.8% (43)	5.6% (1831)	7.1% (49)	5.0% (1742)	8.3% (58)	5.7% (1945)	7.3% (51)	6.0% (2156)
<b>Arts Total</b>	<b>100%</b> <b>(635)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(686)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(702)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(701)</b>	<b>100%</b> <b>(35652)</b>
<b>Bard Early College</b>								
Free	46.7% (56)	69.7% (22806)	51.2% (154)	73.5% (25492)	58.4% (174)	76.9% (26119)	60.1% (184)	77.4% (27605)
Price	48.3% (58)	24.7% (8085)	45.2% (136)	21.5% (7450)	37.2% (111)	17.3% (5890)	35.9% (110)	16.5% (5891)
Reduced	5.0% (6)	5.6% (1831)	3.7% (11)	5.0% (1742)	4.4% (13)	5.7% (1945)	3.9% (12)	6.0% (2156)
<b>Bard Early College Total</b>	<b>100%</b> <b>(120)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(301)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(298)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(306)</b>	<b>100%</b> <b>(35652)</b>
<b>Science Park</b>								
Free	50.0% (382)	69.7% (22806)	48.2% (391)	73.5% (25492)	52.0% (436)	76.9% (26119)	56.0% (452)	77.4% (27605)
Price	39.0% (298)	24.7% (8085)	44.5% (361)	21.5% (7450)	38.1% (320)	17.3% (5890)	32.7% (264)	16.5% (5891)
Reduced	11.0% (84)	5.6% (1831)	7.3% (59)	5.0% (1742)	9.9% (83)	5.7% (1945)	11.3% (91)	6.0% (2156)
<b>Science Park Total</b>	<b>100%</b> <b>(764)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(811)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(839)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(807)</b>	<b>100%</b> <b>(35652)</b>



TABLE D-3 (CONTINUED): MAGNET SCHOOLS, Demographics of Students: Eligibility for Free or Reduced Price Lunch, Compared to NPS, 2011 SY and 2014-2016 SYs

School	2011	NPS 2011	2014	NPS 2014	2015	NPS 2015	2016	NPS 2016
<b>Technology</b>								
Free	63.0% (340)	69.7% (22806)	62.3% (370)	73.5% (25492)	72.2% (434)	76.9% (26119)	72.3% (446)	77.4% (27605)
Price	29.1% (157)	24.7% (8085)	29.3% (174)	21.5% (7450)	16.0% (96)	17.3% (5890)	16.4% (101)	16.5% (5891)
Reduced	8.0% (43)	5.6% (1831)	8.4% (50)	5.0% (1742)	11.8% (71)	5.7% (1945)	11.3% (70)	6.0% (2156)
<b>Technology Total</b>	<b>100%</b> <b>(540)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(594)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(601)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(617)</b>	<b>100%</b> <b>(35652)</b>
<b>University</b>								
Free	56.3% (314)	69.7% (22806)	56.3% (317)	73.5% (25492)	60.0% (314)	76.9% (26119)	58.1% (328)	77.4% (27605)
Price	37.8% (211)	24.7% (8085)	40.5% (228)	21.5% (7450)	36.3% (190)	17.3% (5890)	39.1% (221)	16.5% (5891)
Reduced	5.9% (33)	5.6% (1831)	3.2% (18)	5.0% (1742)	3.6% (19)	5.7% (1945)	2.8% (16)	6.0% (2156)
<b>University Total</b>	<b>100%</b> <b>(558)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(563)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(523)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(565)</b>	<b>100%</b> <b>(35652)</b>
<b>All Magnets</b>								
All Magnets Free	55.2% (1602)	69.7% (22806)	55.4% (1888)	73.5% (25492)	61.3% (2084)	76.9% (26119)	62.5% (2153)	77.4% (27605)
All Magnets Price	36.8% (1068)	24.7% (8085)	38.6% (1316)	21.5% (7450)	30.9% (1050)	17.3% (5890)	29.7% (1024)	16.5% (5891)
All Magnets Reduced	8.0% (231)	5.6% (1831)	6.0% (204)	5.0% (1742)	7.8% (265)	5.7% (1945)	7.8% (269)	6.0% (2156)
<b>All Magnets Total</b>	<b>100%</b> <b>(2901)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(3408)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(3399)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(3446)</b>	<b>100%</b> <b>(35652)</b>

TABLE D-4: Science Park, Demographics of Students: Race/Ethnicity by Gender, Compared to NPS, 2011 SY and 2014-2016 SYs

Race/Ethnicity by Gender	2011	NPS 2011	2014	NPS 2014	2015	NPS 2015	2016	NPS 2016
Asian Female	2.2% (17)	0.5% (152)	2.2% (18)	0.5% (157)	1.8% (15)	0.5% (158)	2.2% (18)	0.5% (176)
Asian Male	1.0% (8)	0.4% (142)	1.5% (12)	0.4% (156)	1.7% (14)	0.5% (165)	1.9% (15)	0.5% (169)
<b>Asian Total</b>	<b>3.3%</b> <b>(25)</b>	<b>0.9%</b> <b>(294)</b>	<b>3.7%</b> <b>(30)</b>	<b>0.9%</b> <b>(313)</b>	<b>3.5%</b> <b>(29)</b>	<b>1.0%</b> <b>(323)</b>	<b>4.1%</b> <b>(33)</b>	<b>1.0%</b> <b>(345)</b>
Black or African American Female	20.5% (157)	24.5% (8011)	17.6% (143)	22.8% (7917)	17.5% (147)	21.9% (7442)	20.1% (162)	20.9% (7465)
Black or African American Male	13.5% (103)	25.0% (8192)	12.0% (97)	24.5% (8490)	13.0% (109)	23.8% (8097)	12.8% (103)	23.0% (8191)
<b>Black Total</b>	<b>34.0%</b> <b>(260)</b>	<b>49.5%</b> <b>(16203)</b>	<b>29.6%</b> <b>(240)</b>	<b>47.3%</b> <b>(16407)</b>	<b>30.5%</b> <b>(256)</b>	<b>45.8%</b> <b>(15539)</b>	<b>32.8%</b> <b>(265)</b>	<b>43.9%</b> <b>(15656)</b>
Hispanic or Latino Female	20.7% (158)	19.6% (6410)	22.3% (181)	21.1% (7307)	23.4% (196)	21.9% (7429)	23.7% (191)	22.5% (8037)
Hispanic or Latino Male	20.8% (159)	21.0% (6877)	23.7% (192)	22.6% (7832)	21.0% (176)	23.3% (7921)	19.3% (156)	24.2% (8633)
<b>Hispanic Total</b>	<b>41.5%</b> <b>(317)</b>	<b>40.6%</b> <b>(13287)</b>	<b>46.0%</b> <b>(373)</b>	<b>43.6%</b> <b>(15139)</b>	<b>44.3%</b> <b>(372)</b>	<b>45.2%</b> <b>(15350)</b>	<b>43.0%</b> <b>(347)</b>	<b>46.8%</b> <b>(16670)</b>
American Indian or Native Alaskan Female	0.1% (1)	0.1% (28)	0.4% (3)	0.1% (33)	0.5% (4)	0.1% (29)	0.6% (5)	0.1% (36)
American Indian or Native Alaskan Male	0.3% (2)	0.1% (20)	0.0% (0)	0.1% (18)	0.0% (0)	0.1% (22)	0.0% (0)	0.1% (21)
<b>American Indian Total</b>	<b>0.4%</b> <b>(3)</b>	<b>0.1%</b> <b>(48)</b>	<b>0.4%</b> <b>(3)</b>	<b>0.1%</b> <b>(51)</b>	<b>0.5%</b> <b>(4)</b>	<b>0.2%</b> <b>(51)</b>	<b>0.6%</b> <b>(5)</b>	<b>0.2%</b> <b>(57)</b>
Native Hawaiian or Other Pacific Islander Female	0.1% (1)	0.2% (61)	0.2% (2)	0.1% (21)	0.2% (2)	0.1% (27)	0.4% (3)	0.1% (42)
Native Hawaiian or Other Pacific Islander Male	0.1% (1)	0.1% (48)	0.4% (3)	0.1% (25)	0.2% (2)	0.1% (28)	0.1% (1)	0.1% (36)
<b>Pacific Islander Total</b>	<b>0.3%</b> <b>(2)</b>	<b>0.3%</b> <b>(109)</b>	<b>0.6%</b> <b>(5)</b>	<b>0.1%</b> <b>(46)</b>	<b>0.5%</b> <b>(4)</b>	<b>0.2%</b> <b>(55)</b>	<b>0.5%</b> <b>(4)</b>	<b>0.2%</b> <b>(78)</b>
White Female	11.0% (84)	4.2% (1380)	11.7% (95)	3.9% (1362)	11.7% (98)	3.9% (1314)	11.0% (89)	3.9% (1394)
White Male	9.6% (73)	4.3% (1391)	8.0% (65)	3.9% (1366)	9.1% (76)	3.9% (1322)	7.9% (64)	4.1% (1452)
<b>White Total</b>	<b>20.5%</b> <b>(157)</b>	<b>8.5%</b> <b>(2771)</b>	<b>19.7%</b> <b>(160)</b>	<b>7.9%</b> <b>(2728)</b>	<b>20.7%</b> <b>(174)</b>	<b>7.8%</b> <b>(2636)</b>	<b>19.0%</b> <b>(153)</b>	<b>8.0%</b> <b>(2846)</b>
Mixed Races/Ethnicities Female	0% (0)	0.02% (6)	-	-	-	-	-	-
Mixed Races/Ethnicities Male	0% (0)	0.01% (4)	-	-	-	-	-	-
<b>Mixed Races/Ethnicities Total</b>	<b>0%</b> <b>(0)</b>	<b>0.03%</b> <b>(10)</b>	-	-	-	-	-	-
<b>Total All Students</b>	<b>100%</b> <b>(764)</b>	<b>100%</b> <b>(32722)</b>	<b>100%</b> <b>(811)</b>	<b>100%</b> <b>(34684)</b>	<b>100%</b> <b>(839)</b>	<b>100%</b> <b>(33954)</b>	<b>100%</b> <b>(807)</b>	<b>100%</b> <b>(35652)</b>

TABLE D-5: Top Two ZIPs/Neighborhoods Where Students Reside by Magnet School

School	ZIP	Neighborhoods	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
American History	07106	Vailsburg	21.6%	21.5%	18.1%	15.3%	16.8%	15.9%
	07103	West Side Park, Springfield/Belmont, University Heights, Fairmount*	18.5%	17.1%	18.9%	19.0%	20.6%	18.1%
	TOTAL		40.1%	38.6%	37.0%	34.3%	37.4%	34.0%
Arts	07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	22.2%	20.7%	20.5%	18.2%	17.3%	16.8%
	07107	Fairmount, Lower Roseville, Upper Roseville	17.8%	18.2%	14.8%	14.8%	14.7%	13.7%
	TOTAL		40.0%	38.9%	35.3%	33.0%	32.0%	30.5%
Bard Early College	07103	West Side Park, Springfield/Belmont, University Heights, Fairmount*	17.1%	16.6%	18.5%	15.5%	14.5%	16.9%
	07108	Upper Clinton Hill, Lower Clinton Hill	17.1%	14.0%	11.1%	10.2%	11.6%	9.7%
	TOTAL		34.2%	30.6%	29.6%	25.7%	26.1%	26.6%
Science Park	07105	Ironbound	30.9%	33.6%	34.7%	31.6%	31.1%	29.6%
	07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	19.3%	20.4%	20.7%	21.2%	20.0%	18.4%
	TOTAL		50.2%	54.0%	55.4%	52.8%	51.1%	48.0%
Technology	07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill*	34.6%	35.2%	32.5%	29.6%	26.8%	24.6%
	07105	Ironbound	17.9%	18.3%	20.4%	24.3%	25.5%	29.7%
	TOTAL		52.5%	53.5%	52.9%	53.9%	52.3%	54.3%
University	07112	Weequahic	22.3%	22.4%	20.1%	18.4%	19.0%	19.2%
	07106	Vailsburg	19.9%	17.8%	17.8%	17.7%	16.2%	16.7%
	TOTAL		42.2%	40.2%	37.9%	36.1%	35.2%	35.9%

\*This is the ZIP/neighborhood where the school is located.

TABLE D-6: American History High, Residency of Students by ZIP/Neighborhood, 2011-2016 SYs

AMERICAN HISTORY HIGH							
ZIP	Neighborhoods	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
07106	Vailsburg	21.6%	21.5%	18.1%	15.3%	16.8%	15.9%
<b>07103</b>	<b>West Side Park, Springfield/Belmont, University Heights, Fairmount</b>	<b>18.5%</b>	<b>17.1%</b>	<b>18.9%</b>	<b>19.0%</b>	<b>20.6%</b>	<b>18.1%</b>
07112	Weequahic	13.2%	13.3%	12.7%	14.5%	14.8%	15.7%
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	11.8%	10.0%	10.2%	9.5%	9.6%	9.7%
07107	Fairmount, Lower Roseville, Upper Roseville	10.5%	11.8%	11.9%	12.7%	12.3%	11.3%
07105	Ironbound	9.1%	8.0%	6.5%	5.6%	4.0%	6.2%
07108	Upper Clinton Hill, Lower Clinton Hill	8.0%	10.3%	13.4%	15.1%	14.3%	15.3%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	2.8%	4.1%	4.0%	3.5%	2.9%	3.5%
07102	Downtown, Lincoln Park	1.7%	2.7%	4.0%	4.1%	3.8%	4.2%
N/A	Other and Missing	2.8%	1.2%	0.5%	0.6%	0.7%	

Note: The row in bold is the zip/neighborhood where the school is located.

TABLE D-7: Arts High, Residency of Students by ZIP/Neighborhood, 2011-2016 S Ys

<b>ARTS HIGH</b>							
<b>ZIP</b>	<b>Neighborhoods</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	22.2%	20.7%	20.5%	18.2%	17.3%	16.8%
07107	Fairmount, Lower Roseville, Upper Roseville	17.8%	18.2%	14.8%	14.8%	14.7%	13.7%
07112	Weequahic	13.6%	12.1%	14.4%	14.3%	13.3%	13.4%
07106	Vailsburg	12.2%	12.1%	12.2%	12.6%	12.8%	13.2%
07105	Ironbound	9.2%	12.3%	11.9%	12.3%	14.1%	13.5%
07108	Upper Clinton Hill, Lower Clinton Hill	8.8%	9.2%	9.3%	9.4%	7.8%	8.1%
07103	West Side Park, Springfield/Belmont, University Heights, Fairmount	8.5%	8.8%	9.8%	11.5%	13.1%	14.7%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	3.4%	3.2%	3.6%	4.2%	3.5%	3.0%
<b>07102</b>	<b>Downtown, Lincoln Park</b>	<b>3.1%</b>	<b>2.6%</b>	<b>3.0%</b>	<b>2.2%</b>	<b>3.0%</b>	<b>3.6%</b>
N/A	Other and Missing	1.1%	0.7%	0.6%	0.4%	0.4%	0.1%

Note: The row in bold is the zip/neighborhood where the school is located.

TABLE D-8: Bard Early College High, Residency of Students by ZIP/Neighborhood, 2011-2016 SYs

<b>BARD EARLY COLLEGE HIGH</b>							
<b>ZIP</b>	<b>Neighborhoods</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
<b>07103</b>	<b>West Side Park, Springfield/Belmont, University Heights, Fairmount</b>	<b>17.1%</b>	<b>16.6%</b>	<b>18.5%</b>	<b>15.5%</b>	<b>14.5%</b>	<b>16.9%</b>
07108	Upper Clinton Hill, Lower Clinton Hill	17.1%	14.0%	11.1%	10.2%	11.6%	9.7%
07106	Vailsburg	12.9%	19.2%	16.5%	16.5%	16.5%	15.3%
07107	Fairmount, Lower Roseville, Upper Roseville	12.9%	13.0%	14.0%	14.5%	11.9%	12.3%
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	12.9%	11.9%	12.3%	13.2%	15.8%	15.6%
07112	Weequahic	8.6%	9.3%	10.3%	13.2%	13.2%	14.3%
07105	Ironbound	8.6%	4.7%	6.2%	5.6%	5.6%	9.1%
07102	Downtown, Lincoln Park	4.3%	2.1%	3.3%	2.0%	1.3%	1.3%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	2.9%	3.6%	3.7%	3.3%	5.0%	2.6%
N/A	Other and Missing	2.9%	5.7%	4.1%	5.9%	4.6%	2.9%

Note: The row in bold is the zip/neighborhood where the school is located.

TABLE D-9: Science Park, Residency of Students by ZIP/Neighborhood, 2011-2016 SYs

<b>SCIENCE PARK</b>							
<b>ZIP</b>	<b>Neighborhoods</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
07105	Ironbound	30.9%	33.6%	34.7%	31.6%	31.1%	29.6%
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	19.3%	20.4%	20.7%	21.2%	20.0%	18.4%
07107	Fairmount, Lower Roseville, Upper Roseville	14.7%	15.2%	15.0%	16.1%	15.9%	15.0%
07106	Vailsburg	10.1%	9.2%	8.5%	9.2%	11.0%	13.2%
<b>07103</b>	<b>West Side Park, Springfield/Belmont, University Heights, Fairmount</b>	<b>9.2%</b>	<b>7.4%</b>	<b>6.9%</b>	<b>7.5%</b>	<b>7.3%</b>	<b>6.2%</b>
07108	Upper Clinton Hill, Lower Clinton Hill	5.5%	4.6%	4.6%	4.3%	4.8%	6.2%
07112	Weequahic	5.3%	4.7%	4.9%	5.2%	4.6%	5.6%
07102	Downtown, Lincoln Park	2.4%	2.0%	2.1%	2.0%	2.0%	2.0%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	2.2%	2.7%	2.5%	2.7%	3.1%	3.5%
N/A	Other and Missing	0.4%	0.3%	0.1%	0.2%	0.2%	0.4%

Note: The row in bold is the zip/neighborhood where the school is located.

TABLE D-10: Technology High, Residency of Students by ZIP/Neighborhood, 2011-2016 SYs

<b>TECHNOLOGY HIGH</b>							
<b>ZIP</b>	<b>Neighborhoods</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
<b>07104</b>	<b>Lower Broadway, Mount Pleasant, North Broadway, Forest Hill</b>	<b>34.6%</b>	<b>35.2%</b>	<b>32.5%</b>	<b>29.6%</b>	<b>26.8%</b>	<b>24.6%</b>
07107	Fairmount, Lower Roseville, Upper Roseville	21.9%	21.3%	19.5%	19.4%	21.5%	21.9%
07105	Ironbound	17.9%	18.3%	20.4%	24.3%	25.5%	29.7%
07103	West Side Park, Springfield/Belmont, University Heights, Fairmount	8.4%	6.9%	8.0%	6.7%	7.1%	5.3%
07106	Vailsburg	4.5%	5.1%	6.8%	6.6%	6.2%	6.3%
07112	Weequahic	3.7%	3.3%	3.6%	5.1%	5.1%	4.4%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	3.6%	4.6%	4.3%	3.3%	3.0%	2.8%
07108	Upper Clinton Hill, Lower Clinton Hill	3.2%	2.6%	2.4%	2.6%	3.0%	2.8%
07102	Downtown, Lincoln Park	0.7%	1.6%	1.5%	2.0%	1.8%	2.1%
N/A	Other and Missing	1.5%	1.1%	0.9%	0.5%	0.2%	0.2%

Note: The row in bold is the zip/neighborhood where the school is located.



TABLE D-11: University High, Residency of Students by ZIP/Neighborhood, 2011-2016 SYs

UNIVERSITY HIGH							
ZIP	Neighborhoods	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
07112	Weequahic	22.3%	22.4%	20.1%	18.4%	19.0%	19.2%
07106	Vailsburg	19.9%	17.8%	17.8%	17.7%	16.2%	16.7%
07103	West Side Park, Springfield/Belmont, University Heights, Fairmount	16.1%	16.1%	16.3%	16.9%	17.2%	15.5%
<b>07108</b>	<b>Upper Clinton Hill, Lower Clinton Hill</b>	<b>14.6%</b>	<b>13.6%</b>	<b>14.2%</b>	<b>15.5%</b>	<b>15.7%</b>	<b>19.5%</b>
07104	Lower Broadway, Mount Pleasant, North Broadway, Forest Hill	9.7%	11.2%	9.7%	11.4%	12.5%	8.8%
07107	Fairmount, Lower Roseville, Upper Roseville	8.0%	9.1%	10.7%	8.7%	9.7%	10.2%
07105	Ironbound	3.5%	3.8%	4.1%	5.3%	3.9%	4.0%
07102	Downtown, Lincoln Park	2.6%	3.0%	4.3%	3.1%	3.2%	2.5%
07114	Dayton, Southwest Ironbound (small section), Lincoln Park	2.0%	2.1%	2.5%	2.9%	2.6%	3.3%
N/A	Other and Missing	1.5%	0.9%	0.2%	0.2%		0.2%

Note: The row in bold is the zip/neighborhood where the school is located.

TABLE D-12: % of Students Who Reside in the 07102 ZIP by Magnet School, 2011-2016 SYs

<b>07102: Downtown, Lincoln Park</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	1.7%	2.7%	4.0%	4.1%	3.8%	4.2%
<b>Arts</b>	<b>3.1%</b>	<b>2.6%</b>	<b>3.0%</b>	<b>2.2%</b>	<b>3.0%</b>	<b>3.6%</b>
Bard Early College	4.3%	2.1%	3.3%	2.0%	1.3%	1.3%
Science Park	2.4%	2.0%	2.1%	2.0%	2.0%	2.0%
Technology	0.7%	1.6%	1.5%	2.0%	1.8%	2.1%
University	2.6%	3.0%	4.3%	3.1%	3.2%	2.5%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-13: % of Students Who Reside in the 07103 ZIP by Magnet School, 2011-2016 SYs

<b>07103: West Side Park, Springfield/Belmont, University Heights, Fairmount</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
<b>American History</b>	<b>18.5%</b>	<b>17.1%</b>	<b>18.9%</b>	<b>19.0%</b>	<b>20.6%</b>	<b>18.1%</b>
Arts	8.5%	8.8%	9.8%	11.5%	13.1%	14.7%
<b>Bard Early College</b>	<b>17.1%</b>	<b>16.6%</b>	<b>18.5%</b>	<b>15.5%</b>	<b>14.5%</b>	<b>16.9%</b>
<b>Science Park</b>	<b>9.2%</b>	<b>7.4%</b>	<b>6.9%</b>	<b>7.5%</b>	<b>7.3%</b>	<b>6.2%</b>
Technology	8.4%	6.9%	8.0%	6.7%	7.1%	5.3%
University	16.1%	16.1%	16.3%	16.9%	17.2%	15.5%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-14: % of Students Who Reside in the 07104 ZIP by Magnet School, 2011-2016 SYs

<b>07104: Lower Broadway, Mount Pleasant, North Broadway, Forest Hill</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	11.8%	10.0%	10.2%	9.5%	9.6%	9.7%
Arts	22.2%	20.7%	20.5%	18.2%	17.3%	16.8%
Bard Early College	12.9%	11.9%	12.3%	13.2%	15.8%	15.6%
Science Park	19.3%	20.4%	20.7%	21.2%	20.0%	18.4%
<b>Technology</b>	<b>34.6%</b>	<b>35.2%</b>	<b>32.5%</b>	<b>29.6%</b>	<b>26.8%</b>	<b>24.6%</b>
University	9.7%	11.2%	9.7%	11.4%	12.5%	8.8%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-15: % of Students Who Reside in the 07105 ZIP by Magnet School, 2011-2016 SYs

<b>07105: Ironbound</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	9.1%	8.0%	6.5%	5.6%	4.0%	6.2%
Arts	9.2%	12.3%	11.9%	12.3%	14.1%	13.5%
Bard Early College	8.6%	4.7%	6.2%	5.6%	5.6%	9.1%
Science Park	30.9%	33.6%	34.7%	31.6%	31.1%	29.6%
Technology	17.9%	18.3%	20.4%	24.3%	25.5%	29.7%
University	3.5%	3.8%	4.1%	5.3%	3.9%	4.0%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-16: % of Students Who Reside in the 07106 ZIP by Magnet School, 2011-2016 SYs

<b>07106: Vailsburg</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	21.6%	21.5%	18.1%	15.3%	16.8%	15.9%
Arts	12.2%	12.1%	12.2%	12.6%	12.8%	13.2%
Bard Early College	12.9%	19.2%	16.5%	16.5%	16.5%	15.3%
Science Park	10.1%	9.2%	8.5%	9.2%	11.0%	13.2%
Technology	4.5%	5.1%	6.8%	6.6%	6.2%	6.3%
University	19.9%	17.8%	17.8%	17.7%	16.2%	16.7%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-17: % of Students Who Reside in the 07107 ZIP by Magnet School, 2011-2016 SYs

<b>07107: Fairmount, Lower Roseville, Upper Roseville</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	10.5%	11.8%	11.9%	12.7%	12.3%	11.3%
Arts	17.8%	18.2%	14.8%	14.8%	14.7%	13.7%
Bard Early College	12.9%	13.0%	14.0%	14.5%	11.9%	12.3%
Science Park	14.7%	15.2%	15.0%	16.1%	15.9%	15.0%
Technology	21.9%	21.3%	19.5%	19.4%	21.5%	21.9%
University	8.0%	9.1%	10.7%	8.7%	9.7%	10.2%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-18: % of Students Who Reside in the 07108 ZIP by Magnet School, 2011-2016 SYs

<b>07108: Upper Clinton Hill, Lower Clinton Hill</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	8.0%	10.3%	13.4%	15.1%	14.3%	15.3%
Arts	8.8%	9.2%	9.3%	9.4%	7.8%	8.1%
Bard Early College	17.1%	14.0%	11.1%	10.2%	11.6%	9.7%
Science Park	5.5%	4.6%	4.6%	4.3%	4.8%	6.2%
Technology	3.2%	2.6%	2.4%	2.6%	3.0%	2.8%
<b>University</b>	<b>14.6%</b>	<b>13.6%</b>	<b>14.2%</b>	<b>15.5%</b>	<b>15.7%</b>	<b>19.5%</b>

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-19: % of Students Who Reside in the 07112 ZIP by Magnet School, 2011-2016 SYs

<b>07112: Weequahic</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	13.2%	13.3%	12.7%	14.5%	14.8%	15.7%
Arts	13.6%	12.1%	14.4%	14.3%	13.3%	13.4%
Bard Early College	8.6%	9.3%	10.3%	13.2%	13.2%	14.3%
Science Park	5.3%	4.7%	4.9%	5.2%	4.6%	5.6%
Technology	3.7%	3.3%	3.6%	5.1%	5.1%	4.4%
University	22.3%	22.4%	20.1%	18.4%	19.0%	19.2%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

TABLE D-20: % of Students Who Reside in the 07114 ZIP by Magnet School, 2011-2016 SYs

<b>07114: Dayton, Southwest Ironbound (small section), Lincoln Park</b>						
<b>Magnet School</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>	<b>2016-2017</b>
American History	2.8%	4.1%	4.0%	3.5%	2.9%	3.5%
Arts	3.4%	3.2%	3.6%	4.2%	3.5%	3.0%
Bard Early College	2.9%	3.6%	3.7%	3.3%	5.0%	2.6%
Science Park	2.2%	2.7%	2.5%	2.7%	3.1%	3.5%
Technology	3.6%	4.6%	4.3%	3.3%	3.0%	2.8%
University	2.0%	2.1%	2.5%	2.9%	2.6%	3.3%

Note: Any rows in bold identify schools that are located in this ZIP/neighborhood.

## APPENDIX E: Choice/Student Residency

TABLE E-1: % of Students Who Reside in the Neighborhood Where the School is Located, PK3-8th, 2011-16 SYs

School	Location ZIP	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
ABINGTON AVENUE	07107	87.3%	89.0%	88.2%	84.7%	79.3%	80.6%
ANN STREET	07105	96.8%	97.2%	97.6%	96.9%	95.6%	94.7%
BRICK AVON	07108	80.4%	86.0%	87.4%	78.1%	69.8%	69.7%
BRICK PESHINE	07112	71.0%	61.5%	65.8%	63.0%	60.3%	66.2%
BELMONT-RUNYON E.S.	07108	78.4%	85.4%	81.9%	79.0%	74.6%	74.2%
BRANCH BROOK	07104	81.2%	84.8%	84.0%	82.7%	82.9%	82.9%
BRUCE STREET	07112	10.5%	10.2%	10.0%	7.8%	9.1%	12.7%
Camden Elem & Middle	07103	54.8%	59.2%	58.2%	58.1%	58.7%	60.6%
CHANCELLOR AVENUE ANNEX*	07112	79.6%	84.0%	81.6%	-	-	-
CHANCELLOR AVENUE	07112	74.9%	81.9%	81.4%	79.4%	67.2%	67.4%
CLEVELAND E.S.	07103	41.4%	34.8%	35.1%	34.4%	41.5%	39.0%
DR. E. ALMA FLAGG	07107	81.4%	89.9%	91.3%	83.3%	80.7%	78.9%
DR. WILLIAM H. HORTON E.S.	07107	89.8%	94.9%	91.0%	78.1%	77.1%	78.5%
EARLY CHILDHOOD ACADEMY - BERLINER	07103	-	-	-	20.5%	20.2%	19.2%
EARLY CHILDHOOD ACADEMY - GLADYS HILLMAN JONES	07104	-	-	-	58.2%	27.9%	63.5%
EARLY CHILDHOOD ACADEMY - SOUTH	07112	9.7%	14.2%	27.7%	36.6%	56.6%	73.0%
EARLY CHILDHOOD ACADEMY - WEST	07106	-	63.2%	64.6%	61.1%	60.8%	57.9%
ELLIOTT STREET E.S.	07104	88.1%	86.9%	83.0%	75.1%	67.5%	79.2%
FIRST AVENUE E.S.	07107	93.2%	93.8%	92.8%	91.1%	88.0%	87.2%
FOURTEENTH AVENUE E.S.	07103	71.3%	71.2%	68.1%	63.5%	64.2%	65.5%
FRANKLIN E.S.	07104	90.8%	91.0%	89.9%	88.3%	84.6%	86.1%
GEORGE WASHINGTON CARVER	07112	88.0%	91.1%	89.3%	78.4%	73.3%	70.7%
HARRIET TUBMAN	07103	69.9%	66.1%	58.3%	55.3%	49.7%	45.7%
HAWKINS STREET	07105	94.2%	95.2%	96.2%	95.3%	93.6%	94.5%
HAWTHORNE AVENUE	07108	47.5%	52.1%	54.7%	49.2%	44.0%	44.2%
IVY HILL	07106	83.0%	84.0%	84.3%	81.1%	77.9%	80.4%
JOHN F. KENNEDY	07103	21.2%	23.4%	20.6%	17.5%	15.4%	15.3%
LAFAYETTE STREET	07105	87.0%	87.4%	93.6%	91.8%	90.4%	90.2%
LINCOLN	07106	78.0%	83.6%	86.4%	82.3%	82.7%	83.9%
LOUISE A. SPENCER	07108	52.1%	47.2%	59.0%	55.2%	51.2%	50.2%
LUIS MUNOZ MARIN	07104	89.2%	84.6%	81.0%	80.9%	80.9%	81.9%
MCKINLEY	07104	79.0%	78.2%	78.1%	75.3%	69.4%	67.1%

**TABLE E-1 (CONTINUED): % of Students Who Live in the Neighborhood Where the School Is Located, PK3-8th**

School	Location ZIP	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
MILLER STREET	07114	71.0%	59.6%	58.7%	43.6%	37.7%	34.0%
MT. VERNON	07106	91.9%	97.9%	96.4%	95.4%	91.7%	91.0%
N.J. REGIONAL DAY	07112	10.7%	15.2%	13.3%	11.0%	12.5%	12.3%
PARK	07104	47.9%	50.3%	52.3%	53.0%	57.4%	62.8%
North 10th Street - Salome Urena	07107	-	-	-	-	-	78.3%
OLIVER STREET	07105	80.0%	81.1%	83.4%	82.3%	80.2%	79.5%
QUITMAN STREET COMMUNITY	07103	53.9%	50.9%	49.2%	44.2%	38.8%	38.0%
RAFAEL HERNANDEZ	07104	88.0%	91.9%	90.3%	88.4%	87.6%	87.2%
RIDGE STREET	07104	92.7%	94.3%	94.3%	93.3%	90.4%	88.4%
ROBERTO CLEMENTE	07104	95.1%	97.1%	95.9%	93.9%	89.9%	89.2%
SOUTH SEVENTEENTH STREET	07103	80.9%	85.2%	82.9%	72.9%	69.1%	67.4%
SOUTH STREET	07114	48.0%	51.7%	49.5%	47.6%	37.8%	28.5%
SPEEDWAY AVENUE	07106	72.3%	76.0%	75.2%	73.0%	67.3%	69.1%
SUSSEX AVENUE	07107	72.6%	69.9%	73.0%	69.2%	68.9%	69.3%
Thirteenth Avenue	07103	64.3%	48.8%	48.5%	44.3%	40.5%	44.2%
WILSON AVENUE	07105	97.4%	98.4%	98.5%	98.3%	96.8%	96.2%

\*School is no longer at this location or doesn't exist



TABLE E-2: % of Students Who Reside in the Neighborhood Where the School Is Located, 7th-12<sup>th</sup>, 2011-16  
SYs

School	Location ZIP	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
<b>NON-MAGNETS</b>							
BARRINGER HIGH, STEAM & ARTS	07104	50.2%	56.50%	41.90%	49.90%	44.60%	47.60%
CENTRAL HIGH	07103	37.2%	34.10%	32.20%	27.20%	27.10%	26.70%
EAGLE ACADEMY	07112		10.7%	13.3%	20.1%	19.0%	24.7%
EARLY COLLEGE HIGH at 66 Muhammad Ali Ave*	07108			23.70%			
EAST SIDE HIGH	07105	67.3%	64.50%	62.50%	59.80%	57.50%	57.10%
FAST TRACK SUCCESS ACADEMY	07103	14.2%	16.30%	21.40%	26.30%	21.80%	26.20%
MALCOLM X. SHABAZZ HIGH	07108	49.50%	55.60%	52.20%	43.30%	35.10%	41.80%
NEWARK LEADERSHIP ACADEMY	07103	12.30%	24.70%	25.00%	20.60%	26.10%	23.20%
NEWARK VOCATIONAL HIGH at 301 W. Kinney*	07103	23.60%	19.90%	16.50%			
WEEQUAHIC HIGH	07112	69.70%	70.30%	60.90%	50.10%	56.80%	55.50%
West Side Campus at 403 S. Orange	07106	37.90%	41.10%	38.70%	24.00%	22.30%	27.10%
<b>MAGNETS</b>							
AMERICAN HISTORY HIGH	07103	18.5%	17.10%	18.90%	19.00%	20.60%	18.10%
ARTS H.S.	07102	3.1%	2.60%	3.00%	2.20%	3.00%	3.60%
BARD EARLY COLLEGE HIGH	07103	17.1%	16.60%	18.50%	15.50%	14.50%	16.90%
SCIENCE HIGH	07103	9.20%	7.40%	6.90%	7.50%	7.30%	6.20%
TECHNOLOGY HIGH	07104	34.60%	35.20%	32.50%	29.60%	26.80%	24.60%
UNIVERSITY HIGH	07108	14.60%	13.60%	14.20%	15.50%	15.70%	19.50%

\*School is no longer at this location or doesn't exist