# Demographic Study Public School Enrollments for

Edison Township Schools 312 Pierson Avenue , Edison, NJ 08837



Prepared by



# **Sundance Associates**

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December 17, 2018 Revised January 7, 2019



April 15, 2019

Edison Board of Education Attn: Daniel Michaud, Business Administrator Education Center 312 Pierson Avenue Edison, NJ 08837

RE: Demographic Study - Additional PreK and Kindergarten Analysis

Dear Mr. Michaud,

Subsequent to the recent Enrollment update study, questions arose regarding;
a) PreK enrollment and use of the planned 10 modular classrooms at the FDR school, and
b) enrollment level if Full-day Kindergarten was implemented.
As a result, the following adjustments should be made to the projection.

#### Pre K Students

The 10 modular units will be available for school year 2019-20. Their maximum enrollments is as described on Table A1. The current enrollment of 235 PK SCSE students will increase to a maximum of 354 students. All PK SCSE students in other Elementary Schools will be enrolled at either FDR or the ECC.

In the submitted projection there are 10 PK SCSE Students at Madison Primary, 22 at Marshall ES, 33 at Lincoln ES and 2 at Menlo Park. These students will be reassigned to either FDR or ECC, and the related spaces in the Long Range Facilities Plan should be reassigned to another use at each of these schools.

PreK Tuition students which count was 73 in year 2023-24 of the submitted projection remains at a maximum of 73 students. In the submitted projection all PreK Tuition students were already assigned to FDR or the ECC.

#### Full Day Kindergarten

Based on an analysis of the District's enrollment from 2004 to 2009, at which time the District was offering Full Day Kindergarten, the Birth to Kindergarten Survival Rate increased to between .690 and .820 with a 6-year average of .779. If Full day Kindergarten were offered the District could expect K enrollment to increase from the 798 students in the original submittal to between 951 and 1000 students in school year 2013-24.

I hope this answers the PreK and K level inquiries.

George B. Sundell Senior Principal

Sundance Associates

Table A.1
Edison Township Schools
Pre K Analysis with 10 Modulars added to FDR

				Self-Contained	d Special E	ducation				
	FDR				EELC			District		
	Full	Half	Total	Full	Half	Total	Full	Half	Total	
2019 - 20	111	68	179	0	56	56	111	124	235	
2020 - 21	168	102	270	0	84	84	168	186	354	
2021 - 22	168	102	270	0	84	84	168	186	354	
2022 - 23	168	102	270	0	84	84	168	186	354	
2023 - 24	168	102	270	0	84	84	168	186	354	

				ion						
	FDR				EELC			District		
	Full	Half	Total	Full	Half	Total	Full	Half	Total	
2019 - 20	0	0	0	0	26	26	0	26	26	
2020 - 21	0	46	46	0	26	26	0	72	72	
2021 - 22	0	46	46	0	26	26	0	72	72	
2022 - 23	0	46	46	0	26	26	0	72	72	
2023 - 24	0	46	46	0	26	26	0	72	72	

				Combi	ned-All Pre	K			
	FDR			EELC			District		
	Full	Half	Total	Full	Half	Total	Full	Half	Total
2019 - 20	111	68	179	0	82	82	111	150	261
2020 - 21	168	148	316	0	110	110	168	258	426
2021 - 22	168	148	316	0	110	110	168	258	426
2022 - 23	168	148	316	0	110	110	168	258	426
2023 - 24	168	148	316	0	110	110	168	258	426

In year School Year 2023-24 of the original projection, 188 Self-Contained Special Education students were projected. The revised projection is for 354 students.

In year School Year 2023-24 of the original projection, 72 Pre-K Tuition students were projected. The revised projection remains unchanged and is also for 72 students.

Table A.2 Edison Township Schools Alternate Analysis FULL DAY K

В	irths Yr	Births Count	K Year	Count	S/R	
	1996	1,318	2001	769	0.583	1/2 day
	1997	1,244	2002	766	0.616	1/2 day
	1998	1,370	2003	945	0.690	
	1999	1,248	2004	977	0.783	FULL DA'6 Yr Avg
	2000	1,407	2005	1060	0.753	Survival Rate
	2001	1,390	2006	1070	0.770	0.779
	2002	1,392	2007	1076	0.773	say 78-82%
	2003	1,421	2008	1103	0.776	-
	2004	1,363	2009	1117	0.820	
	2005	1,355	2010	839	0.619	1/2 day
	2006	1,376	2011	874	0.635	1/2 day

					Original	Delta	3
Projected			78%	82%	Proj	78%	82%
2014	1,272	2019	992	1043	830	162	213
2015	1,149	2020	896	942	750	146	192
2016	1,219	2021	951	1000	798	153	202
2017	1,219	2022	951	1000	798	153	202
2018	1219	2023	951	1000	798	153	202

Summary: Original Projection for 830 to 800 Full Day Projection is for 900 to 1050 Full-Day adds 150 to 215 students

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Appendix: Enrollment Projection Worksheets



## **Executive Summary**

The Methodology used in projecting enrollments is the recommended method of the NJ Department of Education and is known as "Cohort Survival". The official NJ DOE worksheets supporting that methodology are found in the Appendix.

The Municipality includes the 30.6 square mile Edison Township in Middlesex County, and had a population 99,967 persons as of the US Census 2010 retaining its position as the 5th most populus municipality in New Jersey.

The School District had a student population at 16,318 students (Oct 2018) in 13 Grade PreK-5 Elementary Schools, four Grade 6-8 Middle Schools and a\two Grade 9-12 High Schools

Non-Public Schools are not impacting enrollments.

Charter Schools are not impacting the enrollments.

Choice School programs are not impacting enrollments.

Population Trends are such that the township wide population has been continuously growing. However, growth has moderated in recent years. Between 2000 and 2010 the Township grew by 2,280 persons.

Population by Age Group from 1990 to 2000 and from 2000 to 2010 reveals a stable Pre-School Age group, an increasing School Age group and a decreasing Child-Bearing Age group.

Births in the in the municipality have been declining since year 2007 at a high of 1,407 Births, and a year 2015 low of 1,149 Births, with a current 6-year average of 1,222 births. The Township Birth Rate at 13.5 (per thousand persons) is greater than the County at 12.5 and the State at 12.1.

Existing Housing Sales have recovered from the Recession of 2008. Housing Sales peaked in 2004 at 2,224 units before entering the recession that caused residential sales to plummet to 1,140 units per year. Residential sales recovery was delayed in NJ as compared to the nation. Recovery sales recently peaked in year 2016 at 2,549 units which is higher than the pre-recession level.

Residential permitting for new construction peaked at 338 units in year 2006. Permitting in the last 6 years averages just 49 permits/year, including a low of 21 units in 2012. One proposed housing projects will contribute 250 new housing units over a 2-year period starting in year 2020.

Students from New Housing The "Rutgers" multipliers for unit types determines that 250 units will generate 62 Public School Age Children. Students are planned for the start of school years 2020 and scheduled over 2 years. 30 students are added the first year in 2020, 32 students are added in 2023.

Edison Township, with a year 2010 population of 99,967 is stable with a 2016 estimated population of 101,966.



#### **Executive Summary**

No adjustments to the standard methodology are made for Early Education, Special Education, Charter Schools, Choice Programs, County Technical School, or Private-Parochial expansions. Adjustments are made for increased residential construction.

District-wide Enrollment During the historic period, district-wide enrollments were increasing over 6 years by 1,886 students (13.1%). The historic period ended at 16,318 students, During the projected period, enrollment increases moderate, increasing by 510 students (3.1%) to 16,828 students in year 2023.

Elementary School Enrollment In the historic period, elementary enrollments increased by 768 students (10.9%) before ending at 7,830 students in 2018, following the first decrease (19 students) in elementary grades in many years. Year 2017 is the peak and a turning point. In the 5-year projection period elementary enrollments are decreasing, peaking at 7,834 students in 2019 before ending the period at 7,297 students, a decrease of 533 students (6.8%).

Middle School Enrollments In the historic period, middle school enrollments peaked in year 2018 at 3,942 students at the end of the period with a period increase of 641 students (19.4%). In the 5-year projection period Middle School enrollments will generally increase to a year 2023 high of 4,241 students, a moderate period increase of 299 students (7.5%).

High School Enrollments. In the historic period, high school enrollments peaked in year 2018 at 4,546 students, a period increase of 477 students (11.7%). In the 5-year projection period elementary enrollments increased to a year 2023 high of 5,290 students, for a period increase of 477 students (15.8%).

District Practice Capacities (How the District utilizes spaces)
At the end of the 5-year projection period...
Elementary School enrollment is 81 students above DP capacity.
Middle School enrollment is 1,279 students above DP capacity.
High School enrollment is 2,129 students above DP capacity.

Facilities Efficiency Standard Capacities (NJDOE Comparison with state-wide efficiency standards)
At the end of the 5-year projection period...
Elementary School enrollment is 917 students above FES capacity.

Middle School enrollment is 917 students above FES capacity.

High School enrollment is 2,914 students above FES capacity.

The District experienced a 1,886 student increase in the historic period.

The District enrollment will increase by a moderate 510 students in the projection period.

In the 5-year projection period...

Elementary enrollment decreases by 533 students...

Middle School enrollment increases by 299 students...

High School enrollment increases by 744 Students.



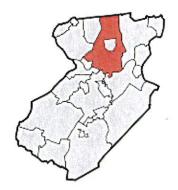
# **Edison Township Profile**

**Edison** is a township in Middlesex County, New Jersey, in the New York City metropolitan area. Situated in north-central New Jersey, Edison lies along the Raritan Bayshore. As of the 2010 United States Census, Edison had a total population of 99,967 retaining its position as the fifthmost populous municipality in New Jersey.

The 2010 population reflected an increase of 2,280 (+2.3%) from the 97,687 counted in the 2000 Census, which had in turn increased by 9,007 (+10.2%) from the 88,680 counted in 1990. Edison's population has been above the 100,000 threshold since 2010, increasing by 2.5% to a Census-estimated 102,450 in 2017.

Edison is primarily a middle-class community with more than 75 ethnic communities represented. Edison has a large Jewish community next to Highland Park, with multiple synagogues located in Edison. Edison also has a growing Indian community and a number of temples serving the religious needs of the community. Reflecting the number of Edison's residents from India and China, the township has sister city arrangements with Shijiazhuang, China, and Baroda, India. As part of the 2010 Census, 28.3% of Edison residents identified themselves as being Indian American. Edison is also developing a sprawling suburban Chinatown.

According to the United States Census Bureau, the township had a total area of 30.638 square miles, including 29.940 square miles of land and 0.698 square miles of water (2.28%). Edison is on the east side of Raritan Valley and completely surrounds the borough of Metuchen.



Edison in Middlesex County



Edison Township and surrounding areas

#### Commerce & Industry

A number of production facilities in and around the area, included Edison Assembly, Ford Motor Company's production plant for Rangers, Mustangs, Pintos, Mercurys, and Lincolns. Other notable companies included Frigidaire's air-conditioner plant in Edison, Siemens in Edison. Starting in the 2000s, manufacturing began to leave Central Jersey, and many facilities closed and moved overseas. The Ford plant was demolished by 2008 and plans were made for retail and hotel development at the site.

Majesco Entertainment, a video game company, has its corporate head-quarters in Edison. Other companies have warehouse operations within Edison. These companies include the Italian food producer and importer Colavita, as well as the regional hubs for FedEx, UPS, and Newegg. In addition Edison is home to the state's largest private convention center, the New Jersey Convention and Exposition Center, located within the Raritan Center Business Park. Raritan Center itself is the largest industrial park on the east side of the Mississippi River. The United States head-quarters of the international company Zylog Systems is located in Edison, as is the headquarters of the e-commerce companies Boxed and Bare Necessities.





# **Edison Township Profile**

#### **Demographics**

As of the 2010 United States Census, there were 99,967 people, 34,972 households, and 26,509 families residing in the township. The population density was 3,339.0 per square mile. There were 36,302 housing units at an average density of 1,212.5 per square mile. The racial makeup of the township was 44.10% (44,084) White, 7.05% (7,046) Black or African American, 0.23% (229) Native American, 43.19% (43,177) Asian, 0.04% (36) Pacific Islander, 2.72% (2,718) from other races, and 2.68% (2,677) from two or more races. Hispanic or Latino of any race were 8.11% (8,112) of the population.

There were 34,972 households out of which 36.4% had children under the age of 18 living with them, 62.3% were married couples living together, 9.6% had a female householder with no husband present, and 24.2% were non-families. 20.4% of all households were made up of individuals, and 7.9% had someone living alone who was 65 years of age or older. The average household size was 2.80 and the average family size was 3.26.

In the township, the population was spread out with 22.7% under the age of 18, 7.6% from 18 to 24, 30.1% from 25 to 44, 27.0% from 45 to 64, and 12.6% who were 65 years of age or older. The median age was 38.1 years. For every 100 females there were 95.8 males. For every 100 females ages 18 and older there were 93.8 males.

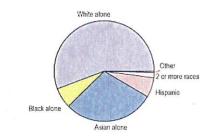
The Census Bureau's 2006-2010 American Community Survey showed that (in 2010 inflation-adjusted dollars) median household income was \$86,725 (with a margin of error of +/- \$3,000) and the median family income was \$100,008 (+/- \$2,624). Males had a median income of \$66,898 (+/- \$4,094) versus \$50,953 (+/- \$1,462) for females. The per capita income for the township was \$36,464 (+/- \$1,184). About 3.5% of families and 7.2% of the population were below the poverty line, including 8.6% of those under age 18 and 6.3% of those age 65 or over.

#### Transportation

Edison is a transportation hub, with an extensive network of highways passing through the township and connecting to major Northeast cities. Edison hosts various roadways. Major State roads include Route 27, and 440. Interstate 287 passes through Edison, where it houses its southern end at I-95. The municipality also houses about a 5-mile section of the New Jersey Turnpike (Interstate 95). Exit 10 is located in Edison. Since Interstate 287 connects to Interstate 87 (the New York State Thruway), Exit 10 (of the turnpike) is one of the busiest interchanges to be used by tractor-trailers as it connects the NJ Turnpike to the NY Thruway.

Edison station, located in South Edison, is served by NJ Transit north-bound trains to Newark Penn Station and Penn Station New York, and southbound to the Trenton Transit Center via the Northeast Corridor Line, with connecting service to Amtrak, and SEPTA. Some passengers in North Edison may actually live closer to, and prefer to use, the Metropark station (near neighboring Iselin in Woodbridge Township) or Metuchen station.

#### Races in Edison, NJ



I the state of





#### **Profile: School District**



MAP SOURCE: www.melissadata.com

#	School Name	Address	Grades
1	Benjamin Franklin Elementary School	2485 Woodbridge Avenue	KG - Gr 5
2	Edison Early Learning Center	10 Boulevard Of The Eagles	PK - KG
3	Edison High School	50 Boulevard Of The Eagles	Gr 9-12
4	Franklin D Roosevelt School	838 New Dover Rd	PK - KG
5	Herbert Hoover Middle School	174 Jackson Avenue	Gr 6-8
6	James Madison Intermediate School	838 New Dover Road	Gr 6-8
7	James Madison Primary School	840 New Dover Road	KG - 02
8	James Monroe Elementary School	7 Sharp Rd.	KG - 05
9	John Adams Middle School	1081 New Dover Road	Gr 6-8
10	John Marshall Elementary School	15 Cornell Street	KG - 05
11	John P. Stevens High School	855 Grove Avenue	Gr 9-12
12	Lincoln Elementary School	53 Brookville Road	KG - 05
13	Lindeneau Elementary School	50 Blossom Street	KG - 05
14	Martin Luther King Elementary School	285 Tingley Lane	KG - 05
15	Menlo Park Elementary School	155 Monroe Avenue	KG - 05
16	Thomas Jefferson Middle School	450 Division Street	Gr 6-8
17	Washington Elementary School	153 Winthrop Road	KG - 05
18	Woodbrook Elementary School	15 Robin Road	KG - 05
19	Woodrow Wilson Middle School	50 Woodrow Wilson Drive	Gr 6-8

The Edison Township Public Schools serve students in prekindergarten through twelfth grade.

The district's two high schools separate the south and north ends of Edison. In the Edison High School zone to the south, there are six K–5 elementary schools, while in the J.P. Stevens High School zone there are five K-5 elementary schools.

As of the 2018-19 school year, the district's 18 schools had an enrollment of 16,318 students and 1,073.5 classroom teachers (on an FTE basis), for a student–teacher ratio of 13.25:1.

J.P. Stevens was the 80thranked public high school in New Jersey out of 328 schools statewide in New Jersey Monthly magazine's September 2012 cover story on the state's "Top Public High Schools", after being ranked 65th in 2010 out of 322 schools listed, while Edison High School was ranked 174 in 2012 and 169 in 2010. According to U.S. News & World Report in 2016, J.P. Stevens ranked 41st within New Jersey and 905th nationally, while Edison H.S. ranked 59th and 2,015th.

Middlesex County College is also home to the Middlesex County Academy for Science, Mathematics, and Engineering Technologies, an engineering-based high school, which is part of the Middlesex County Vocational and Technical Schools. About 160 students, 40 per grade from around the county attend the Academy.



# Private Schools Early Education

#### **Early Education**

#### Johnson & Johnson Child Dev Center

1 Johnson And Johnson Plaza New Brunswick, NJ 08933 Prekindergarten to Kindergarten Students: 83 Teachers: 2.00

#### **Helping Hand Nursery School**

1059 Amboy Ave Edison, NJ 08837 Prekindergarten to Kindergarten Students: 57 Teachers: 9.00

#### Stepping Stones Learning Center

4001 Hadley Road Suite F South Plainfield, NJ 07080 Prekindergarten to Kindergarten Students: 47 Teachers: 2.00

#### Childrens House Montessori School

417 Montgomery St Highland Park, NJ 08904 Prekindergarten to Kindergarten Students: 47 Teachers: 3.00

#### You & Me School

2050 Oak Tree Rd Edison, NJ 08820 Special Ed: Prekindergarten to Grade 1 Students: 8 Teachers: 1.

#### Lil Big Ones

134 Durham Ave South Plainfield, NJ 07080 Prekindergarten to Kindergarten Students: 54 Teachers: 1.00

#### **Rutgers-Livingston Daycare**

49 Joyce Kilmer Ave Piscataway, NJ 08854 Prekindergarten to Kindergarten Students: 52 Teachers: 1.00

#### Young Scholars Montessori School

40 Hampton St Metuchen, NJ 08840 Prekindergarten to Kindergarten Students: 25 Teachers: 1.00

#### Children First Christian School

10 Jersey Ave Metuchen, NJ 08840 Prekindergarten to Kindergarten Students: 19 Teachers: 2 Religious Orientation: Yes

#### Apple Montessori School

2825 Woodbridge Ave Edison, NJ 08817 Montessori PK to Kindergarten Students: 270 Teachers: 9

#### **New Friends Childcare & Preschool**

2027 Woodbridge Ave Edison, NJ 08817 Prekindergarten to Kindergarten Students: 19 Teachers: 1

#### Centenary Early Learning Ctr

200 Hillside Ave Metuchen, NJ 08840 Prekindergarten to Kindergarten Students: 74 Teachers: 3 Religious Orientation: Christian

#### Peppermint Tree Child Care

165 Fieldcrest Ave Edison, NJ 08837 Montessori Prekindergarten to Grade 1 Students: 62 Teachers: 2

#### Callicorp

24 Hillside Ave 30 Metuchen, NJ 08840 Prekindergarten to Kindergarten Students: 45 Teachers: 1

#### Plaza Child Care

4 Progress St Ste A3 Tcm Plz Edison, NJ 08820 Prekindergarten to Kindergarten Students: 114 Teachers: 1

#### Keith Wold Johnson Child Ctr

2050 Oak Tree Rd Edison, NJ 08820 Prekindergarten to Kindergarten Students: 160 Teachers: 1

## John Kenney Child Care Ctr

211 Mill Rd Edison, NJ 08837 Prekindergarten to Kindergarten Students: 97 Teachers: 1

#### Little Treasures Learning Center

2177 Oak Tree Rd Ste 100 Edison, NJ 08820 Regular Prekindergarten to Grade 1 Students: 267 Teachers: 8

#### Little Flower Montessori School

Edition Rd Ste O
Edison, NJ 08817
Montessori Prekindergarten to Grade 2
Students: 285 Teachers: 4

Early Education Schools, provide Education to over 1,800 Pre-School to Grade 2 students.

None of the Early Education schools are planning expansion programs that would impact the Public School enrollments.



#### Private Schools Grade K-12

#### Elementary

#### Yeshivat Netivot Montessori

91 Jefferson Blvd Edison, NJ 08817 Montessori Prekindergarten to Grade 7 Students: 101 Teachers: 11 Religious Orientation: Yes

#### Yeshiva Shaarei Tzion Boys

71 Ethel Rd W
Piscataway, NJ 08854
Regular Grade 1 to Grade 8
Students: 156 Teachers: 29
Religious Affiliation: Jewish

#### Metuchen Christian Academy

130 Whitman Ave Metuchen, NJ 08840 Regular Kindergarten to Grade 8 Students: 193 Teachers: 14 Religious Affiliation: Assembly of God

#### **Timothy Christian School**

2008 Ethel Rd Piscataway, NJ 08854 Regular Kindergarten to Grade 12 Students: 477 Teachers: 49 Religious Orientation: Yes

#### **Elementary & High School**

#### St Helena School

930 Grove Ave Edison, NJ 08820 Regular Prekindergarten to Grade 8 Students: 289 Teachers: 18 Religious: Roman Catholic

#### Wardlaw-Hartridge School

Edison, NJ 08820 Regular Prekindergarten to Grade 12 Students: 446 Teachers: 57

#### **Alminhaal Academy**

1295 Inman Ave

1764a New Durham Rd South Plainfield, NJ 07080 Regular Prekindergarten to Grade 12 Students: 317 Teachers: 35

#### High School

# Reenas Bais Yaakov

1131 Raritan Ave Highland Park, NJ 08904 Grade 9 to Grade 12 Students: 75 Teachers: 40 Religious Orientation: Yes

#### St Joseph High School

145 Plainfield Ave Metuchen, NJ 08840 Regular Grade 9 to Grade 12 Students: 762 Teachers: 68 Religious: Roman Catholic

#### Rabbi Jacob Joseph Yeshiva

1 Plainfield Ave Edison, NJ 08817 Regular Grade 9 to Grade 12 Students: 92 Teachers: 8 Religious Affiliation: Jewish

#### Bishop George Ahr High School

1 Tingley Ln Edison, NJ 08820 Regular Grade 9 to Grade 12 Students: 886 Teachers: 57

Religious Affiliation: Roman Catholic-Dioce

# Special Education

#### The Center School

319 N 3rd Ave Highland Park, NJ 08904 Special Education Grade 2 to Grade 12 Students: 136 Teachers: 24

#### Lakeview School

10 Oak Dr Edison, NJ 08837 Special Education School Students: 157 Teachers: 25 Numerous Private Schools, providing Education for Pre-School to Grade 12, enroll over 3,800 students.

An additional 300 students are enrolled in Special Education Schools that offer services on a regional basis.

None of the private schools are planning expansion programs that would impact the Public School enrollments.



#### **Charter & Choice Schools**

#### Charter Schools

There are four (4) operating Charter Schools in Middlesex County with a potential to draw students from the District as well as others in neighboring counties. However the Edison Township School District is not a Host District to any of them. As such, they have little impact on the schools enrollments



#### Choice Schools

There are no Choice School Districts in Middlesex County at this time. There are currently no students attending Choice Schools from the Edison School District. The School Choice program is growing rapidly throughout NJ and needs continuous monitoring.



#### County Technical School

The County Technical School operates on five (5) campuses in East Brunswick, Perth Amboy, Edison, Piscataway and Woodbridge and educates over 2,000 students in grades 9-12.

Academies are modeled as small schools with a curriculum targeted to a career that meets very high academic standards. Academies offer high level academic preparation focusing around career themes for students who qualify. Currently, an Academy for Science, Mathematics and Engineering Technologies operates on the Campus of Middlesex County College in Edison. The Academy for Allied Health and Biomedical Sciences is located at our Woodbridge location.





# Public & Private Schools

Comparative Enrollment 2012-16

The following data is an average of the period **2012-16** from the American Community Survey 5-Year estimates.

Kindergarten enrollment, which is a half-day program, was at 72.8% public running approximately 10% less than the county and 12% less than the state.

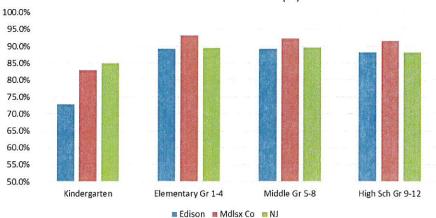
Elementary School (Grades 1-4) at 89.3 is **10%** less than the county and even with the state public school enrollment levels.

Middle School (Grade 5-8, *not Edisons' Grade 6-8*) at 85.8% is about **3%** less than the comparable county and even with the state public school enrollments.

High School enrollment (grade 9-12) is about 3% less than the comparable county and even with the state public school enrollments.

With a district-wide enrollment over 16,300 students, each 1% is the equivalent of 163 students or seven (7) classrooms.

Geographic Comparison of Public School Enrollment (%)

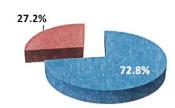


#### Comparative Public School Enrollment by Geography

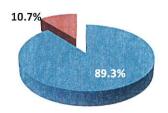
Account to the party while it is a property of the	Edison	Mdlsx Co	NJ
Kindergarten	72.8%	82.9%	85.0%
Elementary Gr 1-4	89.3%	93.3%	89.6%
Middle Gr 5-8	89.2%	92.4%	89.7%
High Sch Gr 9-12	88.3%	91.6%	88.3%

SOURCE: American Community Survey 2012-16 found at http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?

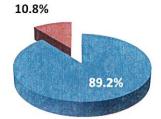
#### Kindergarten



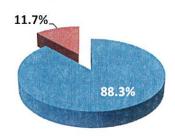
#### Elementary Sch Gr 1-4



#### Middle Sch Gr 5-8



High Sch Gr 9-12







# **Population Growth**

Comparative Municipal, County and State

The Township population was 99,967 persons, as of the US Census 2010.

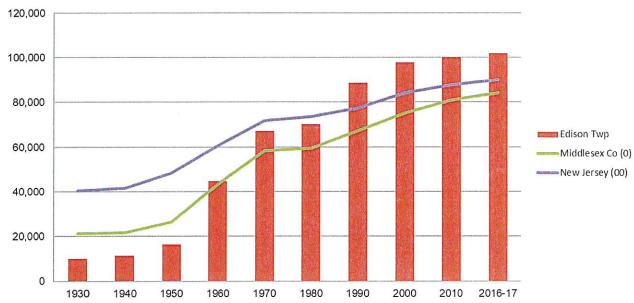
The Township had a population of only 44,799 in 1960 and grew 123% to the year 2010. The County grew 87% and the State grew 45% in the same period.

The Township population was 99,967 persons as of the US Census 2010.

Township population grew by nearly 28,451 people from 1950 to 1960 the largest decade of growth Population grew by 9,007 from 1990 to 2000, and by only 2,280 from 2000 to 2010. Growth has slowed in recent years.

										est.
	1930	1940	1950	1960	1970	1980	1990	2000	2010	2016-17
Edison Twp	10,025	11,470	16,348	44,799	67,120	70,193	88,680	97,687	99,967	101,966
Middlesex Co	212,208	217,077	264,872	433,856	583,813	595,893	671,780	750,162	809,858	842,798
New Jersey	4,041,334	4,160,165	4,835,329	6,066,782	7,168,164	7,364,823	7,730,188	8,414,350	8,791,894	9,005,644

# Local - County - State Comparative Population



SOURCE: New Jersey Population Trends 1790 to 2000, available at http://www.wnjpin.state.nj.us/OneStopCareerCenter/LaborMarketInformation/ lmi25/pub/NJSDC-P3.pdf and U S Census 2010





# 2010 Population Age & Gender Pyramid

The Age & Gender Pyramid for the municipality illustrates population counts in 5 year groups with Males on the left and Females on the right.

Of particular interest in school demography is the size of the prime childbearing age groups between 20 and 39 years of age. The female counts in these groups are significantly smaller than adjacent, older age groups,...and decrease in size with the younger age groups

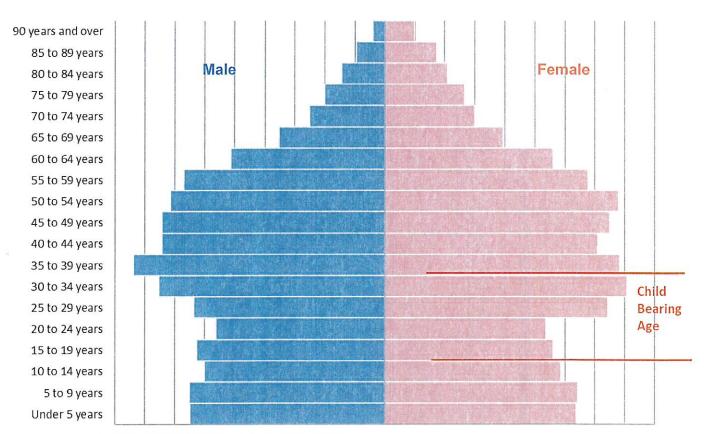
In particular the 20-24 age group is the smallest. This is indicative of younger women away at college or not returning home after college, and foretells of an aging population and declining births.

That the Under 5 years group and the 5-9 years group are larger than the 10-14 years group is an indicator of probable increasing school age population.

The 15-19 and the 10-14 year age groups were smaller than the rising 5-9 and 0-5 year age groups.

The older 25-39 and 30-34 Childbearing Age Group is larger than the rising 25-29 and 20-14 Childbearing Age Group.

# Edison Twp: 2010 Age & Gender Pyramid



4500 4000 3500 3000 2500 2000 1500 1000 500 0 500 1000 1500 2000 2500 3000 3500 4000 4500





# Comparative Population by Age Groups

Population by Age Group from 1990 to 2000 and from 2000 to 2010 reveals decreases in one significant category.

**Pre-School Age** (0-4) which had increased by 181 between 1990 and 2000, increased by 123 between 2000 and 2010, about 22 students per year or about 1 classroom.

**School Age** (5-17) which had increased by 2,896 between 1990 and 2000, increased by only 214 between 2000 and 2010, a significant stabilization averaging about a 2 student increase per grade level.

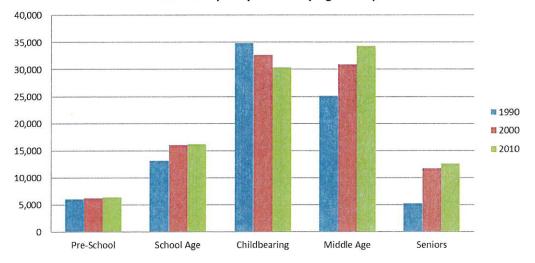
Childbearing Age (18-39) which had decreased by 2,135 between 1990 and 2000, decreased again by 2,307 between 2000 and 2010, a significant 20 year loss of over 4,000.

**Middle Age** (40-64) which had increased by 5,868 between 1990 and 2000, increased an additional 13,293 between 2000 and 2010.

Seniors (65+) which had increased by 6,147 between 1990 and 2000, increased by only 957 between 2000 and 2010.

Over the 10-year period, 2000-2010, School Age population increased by 214 students or 16 per grade level, while Pre-School population increased by 123 children or about the equivalent of 24 students per grade.

#### Edison Twp: Population by Age Group



The slightly increasing Pre-School age and stable School Age population from 2000 to 2010 supports a stable to slightly increasing school enrollment, particularly if population growth continues.

Type Age	1990		2000		2010
Pre-School 0-4	6,118	181	6,299	123	6,422
School Age 5-17	13,127	2,896	16,023	214	16,237
Childbearing 18-39	34,837	-2,135	32,702	-2,307	30,395
Middle Age 40-64	25,127	5,868	30,995	3,293	34,288
Seniors 65 +	5,251	6,417	11,668	957	12,625
	84,460	13,227	97,687	2,280	99,967



#### **District Birth Rates**

The number of babies born to families who reside in the district is a significant factor affecting enrollments. Birth counts from "5 years earlier" are used for the "Birth to Kindergarten" Survival Ratios in the standard Cohort Survival projection method. They are the starting point for all cohorts.

Live Births in the municipality had been declining since year 2007 which had a high of 1407 Births, and a year 2015 low of 1149 Births. Births increased since 2015 to 1219 in year 2016 and 1166 in 2017.

It is noteworthy that the recent 6-year average of 1,222 births is 150 births, about 6 classrooms less, than the prior 6-year average of 1,372 births.

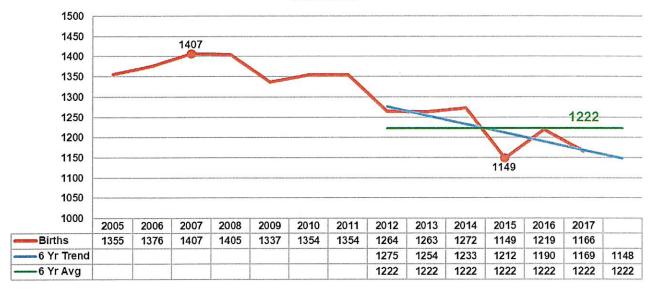
Births are not available for year 2018 and forward, however data for Live Births through year 2012 are used in the 10-year projection, and the recent 6-year average of 1,222 is used for those years.

Births have been averaging 1,222 per year for the last 6 years paralleling the last 6 years of historic enrollment data on which the projection is based.

The 6-year trend is for about 21 fewer births per year. However births could easily turn around and increase with an improved economy. It is for that reason that the Cohort Survival methodology is based on averages.

The 2010 Township Birth Rate at 10.4 (per thousand persons) is the same as the County rate and less than the State rate at 11.7.

#### Live Births



SOURCE: NJ Department of Health, Bureau of Health Statistics www.state.nj.us/health/chs

#### 2010 BIRTH RATES:

Live Births per 1000 Population 12.1...New Jersey 12.5...Middlesex County 13.5...Edison Township Edison Township's 2010 Birth Rate was larger than the County or State Birth Rate.



# Sales of Existing Housing



In this analysis, comparisons are made between levels of sales of existing housing over 17 years, and as a comparison to the total number of available units (owned and rental) of 34,151 as per the 2010 U S Census

Housing Sales peaked in 2004 at 2,224 units before entering the recession that caused residential sales to plummet to 1,140 units per year. Residential sales recovery was delayed in NJ as compared to the nation. Recovery sales peaked in year 2016 at 2,549 units which is higher than the pre-recession level.

With an estimated 34,300 total housing units in the Township, the 2016 sales were approximately 9.6% per year of available housing.

Housing sales, and in-migration and out-migration of students, have greater impact on enrollments at the end of the historic enrollment period than at the beginning.

Housing sales have increasing impact on school enrollments at the end of the historic enrollment period than at the beginning.

#### Residential Sales (New & Existing) RECESSION ■ Sales

SOURCE: Residential Sales are from Data Universe at the Asbury Park Press http://php.app.com/websr1a07/search.php





# Residential Permitting for New Construction

Recession Levels

A Building Permit is obtained by a developer after approval of a major sub-division, and when construction of a "next phase" of residential units is eminent. Residential permits may also be for construction by an owner of a single house along an existing roadway. Residential Building Permits are often correlated with population growth in a community. Significantly, there is little development in the Township in recent years.

As with the nation, residential development in the State has been depressed for several years. While the New Jersey economy is reported to be in recovery, it is anticipated to recover slower than the rest of the nation. However, a genuine housing recovery is at least one year away.

The level of residential development, as measured by Residential Building Permits issued, is substantially low in the period since 2007. The recent 6-year average is 49 units per year. In contrast, the high in year 2006 was 338 units.

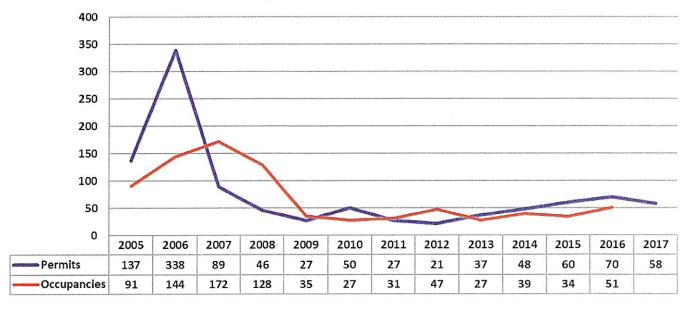
There is a single, recently approved, multi-family housing project that will impact future enrollments. That is Rivendell where 213 Market-rate apartments and 37 Affordable apartments will generate 62 students above the annual average.

Residential permitting previously peaked at 388 units back in 2006.

The recent 6-year annual average (2012-2017) of residential units is just 49 units per year.

Residential construction has not impacted school enrollments to any great degree in recent years, but one approved subdivision will add 62 new students starting in 2020.

# **Building Permits: Edison Township**





#### **New Construction**



Future construction is identified with the assistance of the local Planning Board Secretary. Follow-up phone calls are made to the owner/developers to document their plans for development/construction or sale of the approved property, and to determine a forecast of occupancies.

The mix of units by type (single family, townhome, flat), number of bedrooms, tenure (own or rent) and market (affordable or market rate), pricing (above at or below market) and any restrictions (age-restricted) are also confirmed.

One proposed housing projects will contribute 250 new housing units over a 2-year period starting in year 2020.

250 units of multi-family housing will impact future enrollments beginning in year 2020.

#### **Future Housing**

	Type	Bdrms	Units	2018	2019	2020	2021	2022	Total
Rivendell	R/Apt	1 Bdrm	77			35	42		77
Truman Dr	R/Apt	2 Bdrm	128			60	68		128
Marshall ES	R/Apt	3 Bdrm	8	West Control of the C		4	4		8
			213			99	114	_	213
	Afford	1 Bdrm	15			7	8		15
	Afford	2 Bdrm	22			11	11		22
			37			18	19		37
TOTAL			250						

Rivendell is located on Truman Drive extension, and impacts the Marshall ES > Jefferson MS > Edison HS feeder system.







# New Students from New Construction

To estimate the number of School Age Children, the SAC "multipliers" are applied to the number of units. After determination of the number of School Age Children, they are scheduled for entry into the school system based upon the construction schedule.

The source for the multipliers is *Who Lives in New Jersey Housing, a Quick Guide to New Jersey Residential Demographic Multipliers* by the Center for Urban Policy Research of the Edward J. Bloustein School of Planning and Public Policy at Rutgers, The State University of New Jersey, as developed from the 2000 U. S. Census.

# Who Lives in New Jersey Housing? A QUICK GUID! TO NAW HESTY RESIDENTIAL DIMEGRAPHIC MICH HEREN PORTLORIS CONTROLLED CONTRO

#### Public School Age Children from Future Housing

	Туре	Bdrms	SAC/ Units	2018	2019	2020	2021	2022	Total
	71		(T.25.5.T.)						
Rivendell	R/Apt	1 Bdrm	0.060	0	0	2.1	2.5	0	4.6
Truman Dr	R/Apt	2 Bdrm	0.275	0	0	16.5	18.7	0	35.2
Marshall ES	R/Apt	3 Bdrm	0.832	0	0	3.3	3.3	0	6.7
						21.9	24.5		46.5
	Afford	1 Bdrm	0.140	0	0	1.0	1.1	0	2.1
	Afford	2 Bdrm	0.620	0	0	6.8	6.8	0	13.6
						7.8	7.9		15.7
TOTAL						29.7	32.5		62

The multipliers for unit types determines that 250 units will generate **62** Public School Age Children, that is in Grades K-12. Based on the anticipated schedule of permitting and occupancy of the units students are planned for the start of school years 2020 and scheduled over 2 years. 30 students are added the first year in 2020, 32 students are added in 2023.

In each of these four years in which students are added to the standard projection, the total is distributed equally across all 13 of the K-12 grade levels after which they are "survived" at the standard ratios.

Rivendell is located on Truman Drive extension, and impacts the Marshall ES > Jefferson MS > Edison HS feeder system.





# Cohort Survival Methodology An Introduction

Cohort Survival is the name given to the method of projecting enrollments which is recommended by the New Jersey Department of Education. The most important terms, concepts and methodology are illustrated herein.

Cohort Survival projections are based on historic enrollment and birth data in the individual school district and incorporate six years of demographic data. They are considered very reliable where trends are expected to continue, without significant change in housing or birth rates.

Cohort is the name given to the common groups of children originally born in a given year and progressing, together, through the school system, one grade level to the next.

Survival Ratios refer to the number of students from one year and grade level who "survive to" or enter the next grade level the following year.

For example, in the sample partial table in the side bar, historic enrollments show 1139 students in 1st Grade in year 2014-15, following a 853 student Kindergarten in year 2013-14. This yields a Kindergarten to First Grade **Survival Ratio** of 1.335 (or 1139  $\div$  853). Another expression of the Survival Ratio would be that 133% of the Kindergarten students "survived" to 1st Grade.

Similar calculations are made for "survival" from Births Five Years Earlier to Kindergarten, and for each and every grade level transition in each and every year of historical enrollments which are used. In general, six years of historic data will yield five Survival Ratios for each grade level change, Birth to K, K to 1, 1 to 2, etc.

The **Average Survival Ratio** is then calculated for each grade level change. In the side-bar example 1.398 is the 6-year average Kindergarten to Grade 1 ratio and 1.056 is the 6-year Grade 1 to Grade 2 Survival Ratio.

The sample projections use the current school year 2018-19 enrollments, at the bottom of the Historic chart, as a base year. The Averaged Cohort Survival Ratios are applied to those base year enrollments and to the actual and estimated births, and projected into the next year, one grade level higher.

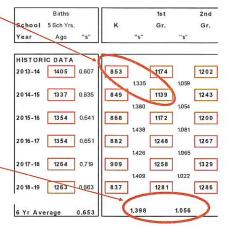
In the side-bar example 830 Kindergarten students in 2019-20 survive at a rate of 1.398 as a 2019-20 First Grade of 1170 students. This similar — projection is made across all grade levels for a 5-year period. Finally, the individual grade level enrollment projections are summed across each year to determine district-wide enrollments in that year.

The worksheet for the standard District Cohort Survival projections is found in the Appendix along with the "plus New Housing" overlay spreadsheet.

Enrollment projections have been made using the Cohort Survival method...the recommended method of the NJ Department of Education.

An "overlay" for new housing is an adjustment method by the Consultant.

#### **Historic Enrollments**



#### **Projected Enrollments**

5-YR PR	OJECTI	ONS		
2019-20	1272	0.653	830	117 0
				1398
2020-21	1149	0.653	750	116 1
				1398
2021-22	12 19	0.653	796	10 4 8
				1398
2022-23	12 19	0.653	796	1112
	6 Yr Av	g		1398
2023-24	1222	0.653	798	1112





#### Cohort Survival Methodology Adjustments to Standard Methods

#### Adjustments in Program

No adjustments have been made for **Early Education** students. As part of the School Funding Reform Act of 2008, NJ school districts were to provide expanded pre-school programs for at-risk 3 and 4-year olds. The Pre-K program in Mt. Laurel Township has ranged from a low of 250 to a high of 300 and is approximately 71% of average annual births 4 years earlier.

Recently, many districts are returning **Special Education** students to the District. No adjustment is made for this possibility. Whether due to classifications or other reporting issues, Self-Contained Special Education has been volatile in recent years at all level ranging from 88 to 211 at the elementary level, from 22 to 41 at the middle school level and from 8 to 54 at the high school level.

No adjustments have been made for **School Choice** programs. This new program is currently impacting many schools throughout New Jersey, but not with any significance in Edison.

The Edison Township Schools is not a Host District to any **Charter School** at this time. No adjustment is are made to the standard projection for any change in Charter Schools..

No adjustments are made for **Private School** facilities or curriculum expansions at the existing private and parochial schools.

Adjustments <u>are made</u> for the impact of sixty-two (62) K-Gr 8 students from **new housing** as described on pages 14 and 15.

No adjustments to the standard methodology are made for
Early Education...
Special Education...
Charter Schools...
Choice programs...
County Technical School or
Private-Parochial expansions

Adjustments to the standard methodology are made for new students from accelerated new housing.

Specifically, 30 students are added in year 2020 and 32 students are added in 2021 to the District projection and to the Marshall ES, Jefferson MS and Edison HS projections.



# Historic and Future Enrollment Comparison

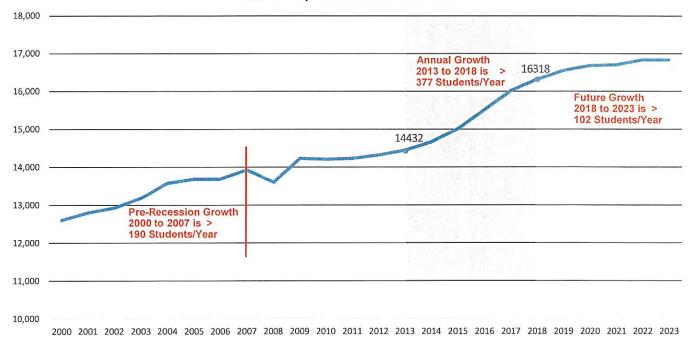
During the historic period 2000-2007 district-wide enrollments were increasing at a rate of 190 students per year. Then enrollment dipped in response to the 2008 recession.

Recent annual growth for the period 2013-2018 has been an accelerated 380 students per year.

Enrollments in the next 5 years are projected to continue to increase but at a decreased rate of 54 students per year.

District-wide enrollment will continue to increase but at a decreased rate.

# Edison Twp Enrollment 2000-2023





#### **District-Wide Enrollment**

During the historic period, district-wide enrollments were increasing over 6 years by 1,886 students. The historic period ended at 16,318 students.

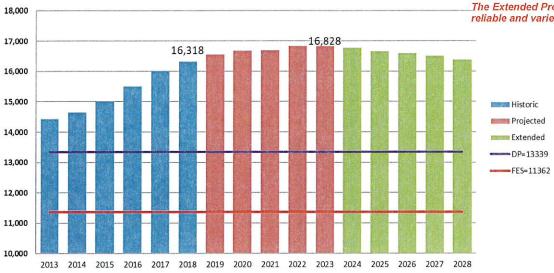
During the projected period, enrollment increases moderate increasing by 510 students to 16,828 students in year 2023.

The District averaged 15,321 students in the historic period, and will average 16,717 in the projection period.

62 students are added to the districtwide projections from new housing.

The Projection Period accuracy is ± 1% per year.

The Extended Projection period is not reliable and varies ± 5- to ±10%.



District-wide Enrollments

During the extended projection period, enrollments will decrease by 440 students to a year 2028 period end of 16,387.

Average

A year-to-year breakdown by grade level is as follows;

TOTAL

Historic	2013	14,432			
	2014	14,659			
	2015	15,003			
	2016	15,501	15,321		
	2017	16,012			
	2018	16,318		1,886	13.1%
Projected	2019	16,557			
	2020	16,672			
	2021	16,700	16,717		
	2022	16,828			
	2023	16,828		510	3.1%
Extended	2024	16,778		M AN A MARKET	

16,667 16,603

16,505

16,387

16,588

-440

-2.6%

The Functional Efficiency Standard (FES) capacity in the District is 11,362 students.

District Practice Capacity (DP) is set at 13,339 students.

Enrollments continue to exceed overall capacity in the projections.

FES Capacity for the District and for individual schools is taken from the approved Long Range Facilities Plan for the School District.



District-wide

2025

2026

2027 2028 %Chg

Change

# **Elementary Schools**

Grades PreK-Gr 5

Elementary level students are educated in two Early Education Centers and ten Kindergarten to Grade 5 Elementary Schools. In the historic period, elementary enrollments increased by 768 students before ending at 7,830 students in 2018.

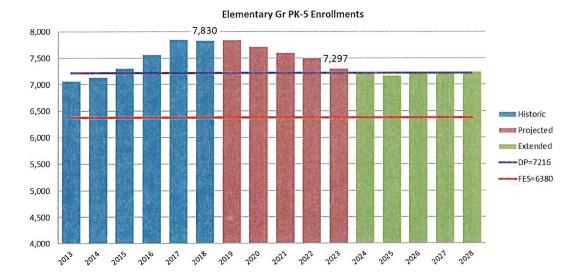
In the 5-year projection period elementary enrollments are decreasing, peaking at 7,834 students in 2019 before ending the period at 7,297 students, a decrease of 533 students.

In the 6 to 10-year (and less accurate) extended projection period elementary enrollments continue to decrease to a year 2027 low of 7,328.

Elementary level enrollments averaged 7,458 students in the historic period, will average 7,586 students in the projection period, and will average 7,223 students in the extended projection period.

29 students are added to the elementary level projections for students from new housing.

The FES capacity of 6,380 students and the District Practice capacity of 7,216 are significantly less than the 5-year projected enrollments in every year until 2023.



										K-5	K-5	Period	Period	%
		PK	PKSE	K	1	2	3	4	5	SE	TOTAL	Average	Change	Chg
Historic	2013	76	69	853	1174	1202	1221	1162	1199	106	7,062			
	2014	71	94	849	1139	1243	1242	1214	1179	106	7,137			
	2015	73	115	868	1172	1200	1285	1242	1216	134	7,305			
	2016	66	132	882	1248	1267	1263	1330	1286	88	7,562	7,458		
	2017	80	180	909	1258	1329	1300	1304	1365	124	7,849			
	2018	76	186	837	1281	1286	1323	1324	1306	211	7,830		768	10.9%
Projected	2019	76	182	830	1170	1353	1322	1344	1345	211	7,834			
	2020	69	187	750	1161	1236	1391	1344	1366	208	7,711			
	2021	73	188	798	1051	1228	1273	1416	1367	205	7,598	7,586		
	2022	73	188	798	1118	1112	1265	1296	1441	202	7,492			
	2023	73	188	798	1116	1181	1143	1285	1316	196	7,297		-533	-6.8%
Extended	2024	73	188	798	1115	1178	1214	1162	1306	194	7,228			
	2025	73	188	798	1115	1178	1212	1233	1180	193	7,170			
	2026	73	188	798	1115	1178	1211	1231	1253	195	7,241	7,223		
	2027	73	188	798	1115	1178	1211	1230	1251	195	7,238			
	2028	73	188	799	1115	1178	1211	1230	1250	195	7,239		-58	-0.8%



#### Middle School

Grades 6-8

Middle School students are educated in four Grade 6 to 8 schools. In the historic period, middle school enrollments peaked in year 2018 at 3.942 students at the end of the period with a period increase of 641 students.

In the 5-year projection period Middle School enrollments will generally increase to a year 2023 high of 4,241 students, a period increase of 299 students.

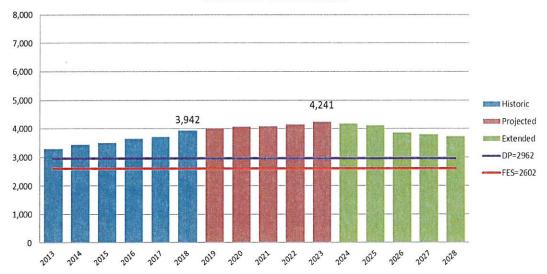
In the 5 to 10-year (less accurate) extended projection period enrollments are decreasing and end the period at 3,737 students.

Middle School enrollments which averaged 3,596 students in the historic period, will average 4,108 students in the projection period,.

14 students are added to the Middle School projection for students from new housing.

Projection period average enrollments are generally greater than FES capacity of 2,602 students, and the DP capacity of 2,962 students.





					6-8	Gr 6	Period	Period	%
		6	7	8	SCSE	TOTAL	Average	Change	Chg
Historic	2013	1086	1113	1080	22	3,301			
	2014	1230	1089	1105	27	3,451			
	2015	1169	1226	1090	27	3,512			
	2016	1224	1161	1240	28	3,653	3596		
	2017	1316	1218	1160	21	3,715			
	2018	1360	1291	1250	41	3,942		641	19.4%
Projected	2019	1314	1352	1299	42	4,006			
	2020	1353	1306	1360	42	4,061			
	2021	1376	1347	1316	42	4,082	4108		
	2022	1378	1370	1358	43	4,149			
	2023	1449	1369	1378	44	4,241		299	7.5%
Extended	2024	1324	1440	1378	44	4,186			
	2025	1314	1316	1449	43	4,122			
	2026	1187	1306	1324	40	3,857	3939		
	2027	1261	1180	1314	39	3,794			
	2028	1258	1253	1187	39	3,737		-504	-12.0%



# High School Grades 9-12

High School students are educated in two Grade 9-12 High Schools. In the historic period, high school enrollments peaked in year 2018 at 4,546 students, a period increase of 477 students.

In the 5-year projection period elementary enrollments increased to a year 2023 high of 5,290 students, for a period increase of 744 students.

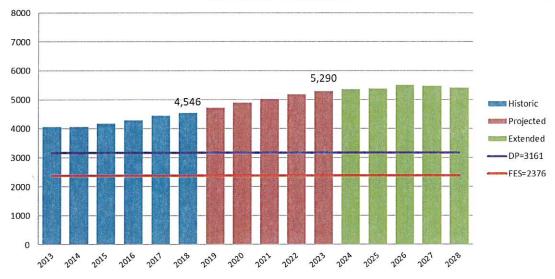
In the 5 to 10-year (less accurate) extended projection period enrollments are increasing by an additional 122 students.

High School enrollments which averaged 4,268 students in the historic period, will increase to an average of 5,023 students in the projection period, and 5,426 students in the extended projection period.

19 students are added to the High School projection for students from new housing.

Projection period average enrollments are generally larger than FES capacity of 2,376 students, and larger than DP capacity of 3,161 students.

High School Gr 9-12 Enrollments



						Gr 9-12		Period	Period	%
		9	10	11	12	SE	TOTAL	Average	Change	Chg
Historic	2013	1029	999	999	1034	8	4,069			
	2014	1033	1034	1003	992	9	4,071			
	2015	1050	1050	1052	1019	15	4,186			
	2016	1048	1057	1091	1078	12	4,286	4268		
	2017	1193	1067	1051	1126	11	4,448			
	2018	1110	1205	1096	1081	54	4,546		477	11.7%
Projected	2019	1197	1122	1225	1117	56	4,717			
	2020	1244	1210	1141	1248	58	4,901			
	2021	1304	1260	1232	1165	60	5,021	5023		
	2022	1262	1321	1283	1258	62	5,186			
	2023	1300	1277	1343	1307	63	5,290		744	15.8%
Extended	2024	1320	1315	1298	1368	64	5,364			
	2025	1319	1335	1336	1322	64	5,376			
	2026	1387	1334	1356	1361	65	5,505	5426		
	2027	1268	1403	1356	1382	65	5,474			
	2028	1258	1282	1426	1381	64	5,411		122	2.3%



# **Comparative Enrollments**

by Grade Level Organization

Pre-K to Grade 5 enrollments were at a low point in 2013 students and will peak at 7,834 students in year 2019.

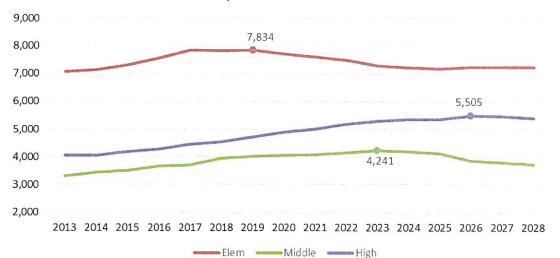
Grade 6-8 enrollments were at a low point in 2013 and will peak at 4,241 students at the end of the 5-year projection period in 2023.

Grades 9-12 enrollments were also at a low in 2013 and will peak in the Extended Projection period.

Elementary and Middle School enroll-ments will peak in the 5-year projection period.

High School enrollments will peak in the Extended Projection period.

# Comparative Enrollments

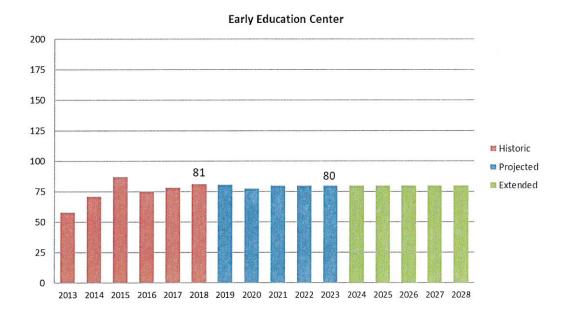


		Elem	Middle	High	TOTAL	
Historic	2013	7,062	3,301	4,069	14,432	
	2014	7,137	3,451	4,071	14,659	
	2015	7,305	3,512	4,186	15,003	
	2016	7,562	3,653	4,286	15,501	
	2017	7,849	3,715	4,448	16,012	
	2018	7,830	3,942	4,546	16,318	
Projected	2019	7,834	4,006	4,717	16,557	
	2020	7,711	4,061	4,901	16,672	Low
	2021	7,598	4,082	5,021	16,700	
	2022	7,492	4,149	5,186	16,828	High
	2023	7,297	4,241	5,290	16,828	
Extended	2024	7,228	4,186	5,364	16,778	
	2025	7,170	4,122	5,376	16,667	
	2026	7,241	3,857	5,505	16,603	
	2027	7,238	3,794	5,474	16,505	
	2028	7,239	3,737	5,411	16,387	



# **Early Education Center**

The Early Education Center is projected to stabilize at 80 students.



A year-to-year breakdown by grade level is as follows;

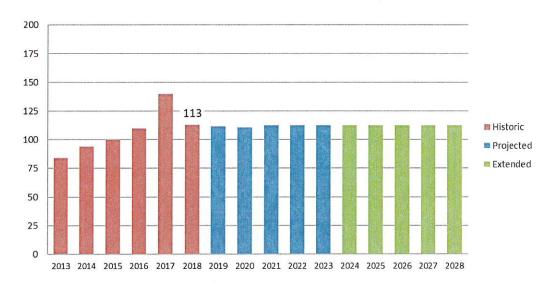
#### **Edison Continuing Education Center**

Edison 00		g =aao	acioni oc										<u>-</u>	
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	29	29	0	0	0	0	0	0	0	58			
	2014	31	40	0	0	0	0	0	0	0	71			
	2015	43	44	0	0	0	0	0	0	0	87			
	2016	41	34	0	0	0	0	0	0	0	75	75		
	2017	40	38	0	0	0	0	0	0	0	78			
	2018	37	44	0	0	0	0	0	0	0	81		23	39.7%
Projected	2019	36	44	0	0	0	0	0	0	0	80			
1	2020	37	40	0	0	0	0	0	0	0	77			
	2021	37	42	0	0	0	0	0	0	0	80	79		
	2022	37	42	0	0	0	0	0	0	0	80			
	2023	37	42	0	0	0	0	0	0	0	80		-1	-1.5%
Extended	2024	37	42	0	0	0	0	0	0	0	80			
	2025	37	42	0	0	0	0	0	0	0	80			
	2026	37	42	0	0	0	0	0	0	0	80	80		
	2027	37	42	0	0	0	0	0	0	0	80			
	2028	37	42	0	0	0	0	0	0	0	80		0	0.0%



FDR Elementary will stabilize at ±112 students.

# FDR Elementary Enrollment



**FDR Elementary School** 

I DIV FIGHT	riilaiy v	3011001												
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	40	44	0	0	0	0	0	0	0	84			
	2014	63	31	0	0	0	0	0	0	0	94			
	2015	71	28	0	0	0	0	0	0	1	100			
	2016	79	31	0	0	0	0	0	0	0	110	107		
	2017	101	39	0	0	0	0	0	0	0	140			
	2018	81	32	0	0	0	0	0	0	0	113		29	34.5%
Projected	2019	79	32	0	0	0	0	0	0	0	111			
•	2020	82	29	0	0	0	0	0	0	0	111			
	2021	82	31	0	0	0	0	0	0	0	113	112		
	2022	82	31	0	0	0	0	0	0	0	113			
	2023	82	31	0	0	0	0	0	0	0	113		0	-0.3%
Extended	2024	82	31	0	0	0	0	0	0	0	113			
	2025	82	31	0	0	0	0	0	0	0	113			
	2026	82	31	0	0	0	0	0	0	0	113	113		
	2027	82	31	0	0	0	0	0	0	0	113			
	2028	82	31	0	0	0	0	0	0	0	113		0	0.0%



# Benjamin Franklin Elementary

In the historic period, Benjamin Franklin Elementary enrollments peaked at 615 students in year 2015, and slightly decreased to 605 students at the end of the period in 2018.

In the 5-year projection period elementary enrollments decrease to a year 2022 low of 557 students, for an overall period decrease of 46 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 545 students

Franklin Elementary School enrollments which averaged 609 students in the historic period, will average a decreased 573 students in the projection period and 545 in the extended projection period.

Projection period average enrollments are generally more than FES capacity of 527 students, and less than DP capacity of 645 students.

#### Benjamin Franklin Elementary School



A year-to-year breakdown by grade level is as follows;

#### Benjamin Franklin Elementary School

		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	74	118	114	97	98	98	11	610			Reco Walls a con-
	2014	0	0	75	96	118	110	92	96	15	602			
	2015	0	0	72	98	104	115	117	92	17	615			
	2016	0	0	67	92	101	106	116	119	11	612	609		
	2017	0	0	66	103	96	101	110	124	10	610			
	2018	0	0	74	87	112	95	94	115	28	605		-5	-0.8%
Projected	2019	0	0	68	100	91	111	95	96	27	588	CONTRACTOR OF THE CONTRACTOR O		
	2020	0	0	62	92	105	90	110	97	27	582			
	2021	0	0	66	83	96	104	90	113	27	578	573		
	2022	0	0	65	88	87	95	104	92	26	557			
	2023	0	0	66	88	92	86	95	106	26	559		-46	-7.9%
Extended	2024	0	0	66	88	92	91	85	97	25	545			
	2025	0	0	66	88	92	91	91	88	25	541			
	2026	0	0	66	88	92	91	91	93	25	547	545		
	2027	0	0	66	88	92	91	91	93	26	546			
	2028	0	0	66	88	92	91	91	93	26	547		-12	-2.2%



# **James Madison Primary**

In the historic period, James Madison Primary enrollments peaked at 583 students in year 2017, and decreased to 521 students at the end of the period in 2018.

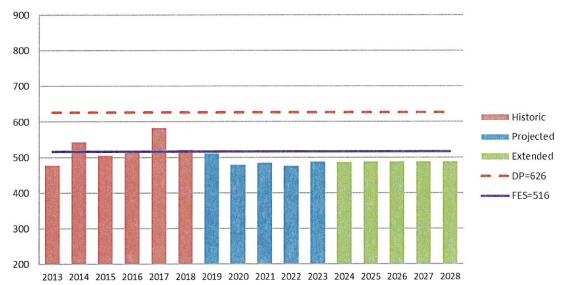
In the 5-year projection period elementary enrollments decrease to a year 2022 low of 476 students, for an overall period decrease of 34 students.

In the 5 to 10-year extended projection period, enrollments stabilize.

Madison Primary School enrollments which averaged 525 students in the historic period, will average a decreased 487 students in the projection period and 487 in the extended projection period.

Projection period average enrollments are generally less than FES capacity of 516 students, and less than DP capacity of 626 students.

#### James Madison Primary Enrollment by Year



James	Madison	Primary

		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	1	129	178	169	0	0	0	0	477			
	2014	0	0	145	200	199	0	0	0	0	544			
	2015	0	0	118	187	200	0	0	0	0	505			
	2016	11	1	119	181	206	0	0	0	0	518	525		
	2017	39	2	149	191	202	0	0	0	0	583			
	2018	10	0	112	199	200	0	0	0	0	521		44	9.2%
Projected	2019	10	0	123	165	213	0	0	0	0	511			
Mar Saparata	2020	10	0	111	180	177	0	0	0	0	479			
	2021	10	0	119	163	193	0	0	0	0	484	487		
	2022	10	0	118	173	175	0	0	0	0	476			
	2023	10	0	119	173	186	0	0	0	0	487		-34	-6.7%
Extended	2024	10	0	119	173	185	0	0	0	0	487			
	2025	10	0	119	173	186	0	0	0	0	487			
	2026	10	0	119	173	186	0	0	0	0	487	487		
	2027	10	0	119	173	186	0	0	0	0	487			
	2028	10	0	119	173	186	0	0	0	0	487		0	0.1%



# James Madison Intermediate

In the historic period, James Madison Intermediate enrollments peaked in year 2018 at 669 students, for an overall period increase of 50 students.

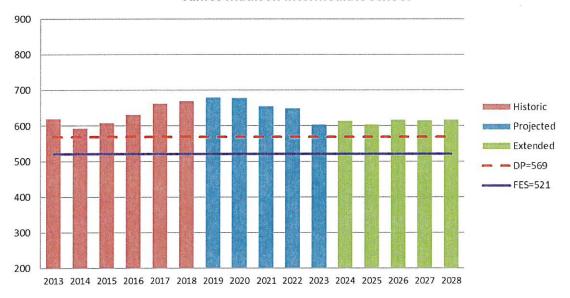
In the 5-year projection period elementary enrollments continue to increase for 1 year to a year 2019 high of 680 students, before decreasing to end the period in 2023 at 604 students.

In the 5 to 10-year extended projection period, enrollments are stable with a period gain of 12 students.

Madison Intermediate School enrollments which averaged 630 students in the historic period, will average an increased 653 students in the projection period and 613 in the extended projection period.

Projection period average enrollments are generally above FES capacity of 521 students, and above DP capacity of 569 students.

#### James Madison Intermediate School



James Madison Intermediate School

		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	0	0	0	195	192	232	0	619			
	2014	0	0	0	0	0	181	202	210	0	593			
	2015	0	0	0	0	0	213	188	207	0	608			
	2016	0	0	0	0	0	209	212	210	0	631	630		
	2017	0	0	0	0	0	218	221	223	0	662			
	2018	0	0	0	0	0	212	234	223	0	669		50	8.1%
Projected	2019	0	0	0	0	0	211	220	248	0	680			
5	2020	0	0	0	0	0	225	220	233	0	679			
	2021	0	0	0	0	0	187	235	233	0	655	653		
	2022	0	0	0	0	0	204	195	250	0	649			
	2023	0	0	0	0	0	184	212	207	0	604		-65	-9.5%
Extended	2024	0	0	0	0	0	196	192	225	0	613			
	2025	0	0	0	0	0	196	204	203	0	603			
	2026	0	0	0	0	0	196	204	217	0	616	613		
	2027	0	0	0	0	0	196	204	216	0	616			
	2028	0	0	0	0	0	196	204	216	0	617		12	2.0%



# **James Monroe Elementary**

In the historic period, Monroe Elementary enrollments began at 488 students, decreased, then peaked in year 2018 at 520 students, for an overall period increase of 32 students.

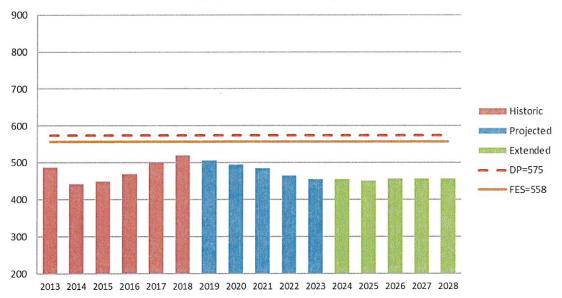
In the 5-year projection period elementary enrollments decrease to a year 2023 low of 456 students, for an overall period decrease of 64 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 481 students.

Monroe Elementary School enrollments which averaged 479 students in the historic period, will average a similar 481 students in the projection period and 455 in the extended projection period.

Projection period average enrollments are below FES and DP capacities.

#### James Monroe Elementary School



A year-to-year breakdown by grade level is as follows;

# James Monroe Elementary School

James Monroe Elementary School													0/	
PK K-5													%	
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	74	86	87	74	81	84	2	488			
	2014	0	0	42	88	87	78	71	77	0	443			
	2015	0	0	61	53	89	87	77	70	13	450			
	2016	0	0	62	80	63	88	92	76	8	469	479		
	2017	0	0	51	84	77	73	90	98	29	502			
	2018	0	0	52	77	89	82	86	93	41	520		32	6.6%
Projected	2019	0	0	54	69	80	91	85	87	40	506			
	2020	0	0	49	72	72	82	94	86	39	494			
	2021	0	0	52	65	75	74	85	95	38	485	481		
	2022	0	0	52	69	68	76	77	86	37	465			
	2023	0	0	52	69	72	69	80	78	36	456		-64	-12.7%
Extended	2024	0	0	52	69	72	74	72	80	36	455		00	
	2025	0	0	52	69	72	73	77	72	36	451			
	2026	0	0	52	69	72	73	76	77	36	456	455		
	2027	0	0	52	69	72	73	76	77	36	456			
	2028	0	0	52	69	72	73	76	77	36	457		1	0.2%



# John Marshall Elementary

In the historic period, John Marshall Elementary enrollments began at 615 students and ended at 833 students, for an overall period increase of 218 students.

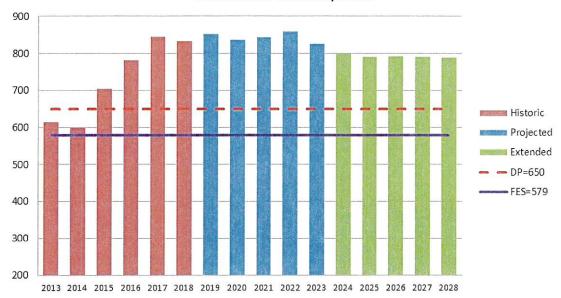
In the 5-year projection period elementary enrollments increase to a year 2022 high of 860 students, then decrease to 826 students for an overall period decrease of 7 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 792 students.

John Marshall Elementary School enrollments which averaged 730 students in the historic period, will average an increased 843 students in the projection period and 792 in the extended projection period.

Projection period average enrollments are generally more than FES capacity of 579 students, and more than DP capacity of 650 students.

#### John Marshall Elementary School



A year-to-year breakdown by grade level is as follows;

#### John Marshall Elementary School

JUIIII Wars	HIAII L	ie ilie ili	ary oci	1001										11111
		PK								K-5			· ·	%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	1	90	114	104	110	92	93	11	615	8		
	2014	0	0	106	96	113	101	97	78	9	600			
	2015	0	0	121	141	115	126	101	91	9	704			
	2016	0	0	122	140	152	124	136	102	5	781	730		
	2017	0	0	136	144	155	151	123	137	0	846		218	
	2018	23	0	124	158	126	135	142	113	12	833		218	35.4%
Projected	2019	22	0	112	147	165	126	132	134	12	852			
	2020	23	0	101	132	154	166	124	125	12	837	W717171		
	2021	23	0	108	121	140	157	165	117	12	843	843	218	
	2022	23	0	110	129	130	143	157	156	12	860			
	2023	23	0	108	129	135	130	140	148	12	826		-7	-0.9%
Extended	2024	23	0	108	127	135	136	127	133	11	800			
	2025	23	0	108	127	133	136	133	120	11	790			
	2026	23	0	108	127	133	133	133	126	11	793	792		
	2027	23	0	108	127	133	133	130	126	11	790			
	2028	23	0	108	127	133	133	130	123	11	788		-38	-4.7%



# **Lincoln Elementary**

In the historic period, Lincoln Elementary enrollments began at 715 students and ended at 906 students, for an overall period increase of 191 students.

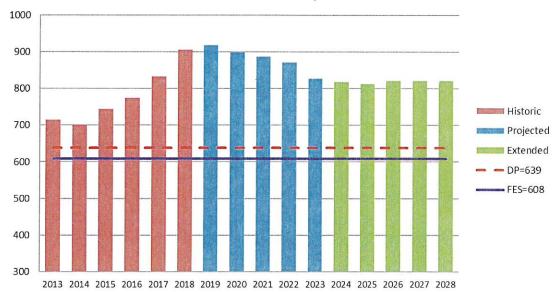
In the 5-year projection period elementary enrollments decrease from a year 2019 high of 919 students, to a 2023 low of 628 for an overall period to period decrease of 78 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 819 students.

Lincoln Elementary School enrollments which averaged 779 students in the historic period, will average an increased 880 students in the projection period and 819 in the extended projection period.

Projection period average enrollments are generally in excess of FES capacity of 608 students, and in excess of DP capacity of 639 students.

# Lincoln Elementary School



A year-to-year breakdown by grade level is as follows;

#### Lincoln Elementary School

		PK								K-5			-	%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	96	131	123	117	122	126	0	715			
	2014	0	0	94	117	134	128	108	121	0	702			
	2015	0	0	114	134	125	133	128	110	0	744			
	2016	0	0	100	149	146	128	134	118	0	775	779		
	2017	0	0	125	138	155	156	131	128	0	833			
	2018	33	0	102	171	151	150	157	131	11	906		191	26.7%
20	2019	32	0	101	137	181	154	149	154	11	919			
	2020	33	0	91	135	146	184	152	145	11	898			
	2021	33	0	97	122	143	148	183	149	11	886	880		
	2022	33	0	97	130	129	145	148	179	11	872			
	2023	33	0	97	129	137	131	144	145	10	828		-78	-8.5%
Extended	2024	33	0	97	130	137	140	130	141	10	818			
	2025	33	0	97	130	137	139	139	128	10	813			
	2026	33	0	97	130	137	140	138	136	10	821	819		
	2027	33	0	97	130	137	140	139	135	10	821			
	2028	33	0	97	130	137	140	139	136	10	822		-6	-0.7%



# Lindeneau Elementary

In the historic period, Lindeneau Elementary enrollments began at 445 students, peaked at 477, and ended at 436 students, for an overall period decrease of 9 students.

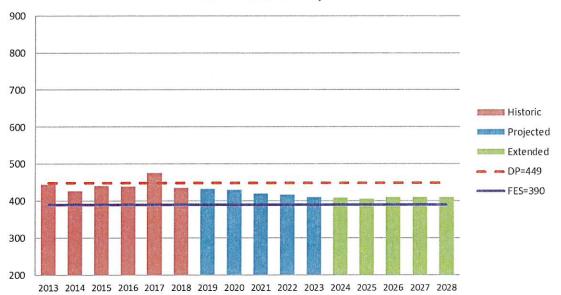
In the 5-year projection period elementary enrollments decrease from a year 2019 high of 432 students, to a 2023 low of 410 for an overall period to period decrease of 26 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 409 students.

Lindeneau Elementary School enrollments which averaged 444 students in the historic period, will average a decreased 422 students in the projection period and 409 in the extended projection period.

Projection period average enrollments are generally in excess of FES capacity of 309 students, and in less than DP capacity of 449 students.

#### Lindeneau Elementary School



Lindeneau	Elemen	tary School
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Lillaciloaa	_101110	u. y	011001										1	
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	57	70	76	91	57	87	7	445			
	2014	0	0	48	68	71	76	93	61	10	427			
	2015	0	0	51	66	72	74	74	92	12	441			
	2016	0	0	44	70	76	82	80	77	11	440	444		
	2017	0	0	47	69	84	77	86	90	24	477			
	2018	0	0	45	68	69	78	69	77	30	436		-9	-2.0%
Projected 20 20	2019	0	0	47	63	73	71	78	71	30	432			
	2020	0	0	42	65	68	75	71	80	30	431			
	2021	0	0	45	58	70	70	75	73	29	420	422	2	
	2022	0	0	45	62	63	71	70	78	29	418			
	2023	0	0	45	62	67	64	72	72	28	410		-26	-5.9%
Extended	2024	0	0	45	62	67	69	65	74	28	409			
	2025	0	0	45	62	67	68	69	66	28	406			
	2026	0	0	45	62	67	69	69	71	28	410	409		
	2027	0	0	45	62	67	69	69	70	28	410			
	2028	0	0	45	62	67	69	69	71	28	410		0	0.0%



# Martin Luther King Elementary

In the historic period, Martin Luther King Elementary enrollments began at 602 students, peaked at 696, and ended at 687 students, for an overall period increase of 85 students.

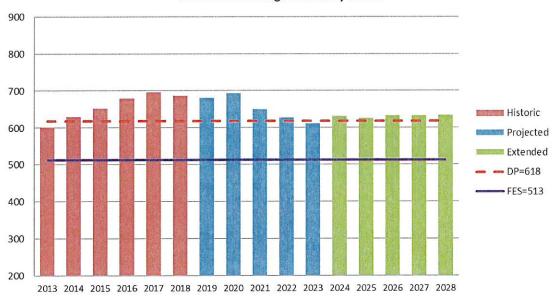
In the 5-year projection period elementary enrollments decrease from a year 2020 high of 694 students, to a 2023 low of 612 for an overall period to period decrease of 75 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 632 students.

King Elementary School enrollments which averaged 658 students in the historic period, will average a slightly decreased 653 students in the projection period and 632 in the extended projection period.

Projection period average enrollments are generally in excess of FES capacity of 513 students, and in excess of DP capacity of 618 students.

#### Martin Luther King Elementary School



Martin Luther King Elementary School

		PK								K-5			%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL Average	Change	Chg
Historic	2013	0	0	52	92	102	119	118	104	15	602		
	2014	0	0	43	99	107	119	127	121	14	630		
	2015	0	0	62	94	110	114	128	123	21	652		
	2016	0	0	62	131	100	120	118	139	10	680 658	3	
	2017	0	0	53	121	152	102	130	122	16	696		
	2018	0	0	40	107	125	152	110	129	24	687	85	14.1%
	2019	0	0	50	82	118	133	162	113	24	681		
	2021	0	0	48	91	111	96	134	146	23	649 653	3	
	2022	0	0	48	97	101	119	103	138	22	627		
	2023	0	0	48	97	107	107	127	106	21	612	-75	-11.0%
Extended	2024	0	0	48	97	107	114	114	130	22	631		
	2025	0	0	48	97	107	114	122	117	22	626		
	2026	0	0	48	97	107	114	121	125	22	634 63:	2	
	2027	0	0	48	97	107	114	122	124	22	633		
	2028	0	0	48	97	107	114	122	124	22	634	22	3.4%



# **Menlo Park Elementary**

In the historic period, Menlo Park Elementary enrollments began at 824 students, peaked at 875, and ended at 867 students, for an overall period increase of 43 students.

In the 5-year projection period elementary enrollments decrease from a year 2019 high of 874 students, to a 2023 low of 829 for an overall period to period decrease of 38 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 804 students.

Menlo Park Elementary School enrollments which averaged 850 students in the historic period, will average a slightly increased 854 students in the projection period and 804 in the extended projection period.

Projection period average enrollments are generally less than FES capacity of 856 students, and less than DP capacity of 921 students.

#### Menlo Park Elementary School



Menlo Park Elementary School

WEITO Fair	Lieni	entary c	CHOOL											
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	verage	Change	Chg
Historic	2013	0	0	99	130	155	151	133	138	18	824			
	2014	0	0	85	129	143	165	147	134	17	820			
	2015	1	1	87	137	139	148	161	161	17	852		43 44 -38	
	2016	1	0	106	121	157	151	152	169	18	875	850		
	2017	2	1	94	134	135	155	149	160	29	859			
	2018	2	0	101	147	139	137	160	154	27	867		43	5.2%
	2019	2	0	91	145	160	144	137	168	27	874			
1111	2020	2	0	83	130	158	166	144	143	27	853			
	2021	2	0	88	117	142	164	166	151	27	857	854		
	2022	2	2	88	125	128	147	164	175	27	858			
	2023	2	0	88	125	136	133	147	173	26	829			-4.3%
Extended	2024	2	0	88	125	136	141	133	154	25	804			
	2025	2	0	88	125	136	141	141	139	25	797			
	2026	2	0	88	125	136	141	141	148	25	807	804		
	2027	2	0	88	125	136	141	141	148	25	806			
	2028	0	0	88	125	136	141	141	148	25	805		-24	-3.0%



# **Washington Elementary**

In the historic period, Washington Elementary enrollments began at 578 students, peaked at 612, and ended at 588 students, for an overall period increase of 10 students.

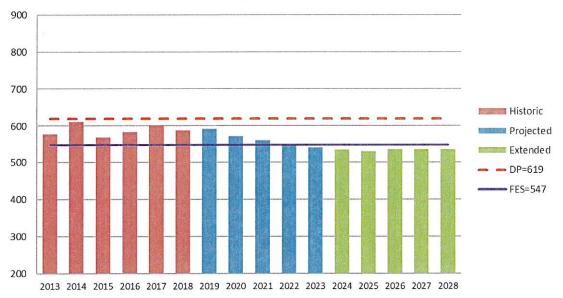
In the 5-year projection period elementary enrollments decrease from a year 2019 high of 992 students, to a 2023 low of 540 for an overall period to period decrease of 48 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 534 students.

Washington Elementary School enrollments which averaged 589 students in the historic period, will average a decreased 562 students in the projection period and 534 in the extended projection period.

Projection period average enrollments are generally between the FES capacity of 547 students, and the DP capacity of 619 students.

#### Washington Elementary School



A year-to-year breakdown by grade level is as follows;

## Washington Elementary School

TTUSTITIQLO		CIIICAI Y	0011001										00-	
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	1	87	122	100	91	93	73	11	578			
	2014	0	0	97	94	115	105	86	100	15	612			
	2015	0	0	94	110	83	106	84	79	14	570			
	2016	0	0	96	123	96	81	99	79	10	584	589		
	2017	0	0	96	116	100	98	82	94	16	602			
	2018	0	0	92	107	107	97	95	78	12	588		10	1.7%
Projected 201	2019	0	0	90	108	95	105	90	92	12	592			
	2020	0	0	81	105	96	93	98	87	12	572			
	2021	0	0	86	95	93	94	87	95	11	562	562		
	2022	0	0	86	101	84	91	88	84	11	545			
	2023	0	0	86	100	89	82	85	86	11	540		-48	-8.1%
Extended	2024	0	0	86	101	89	88	77	82	11	534			
	2025	0	0	86	101	89	88	82	74	11	530			
	2026	0	0	86	101	89	88	82	79	11	535	534		
	2027	0	0	86	101	89	88	82	79	11	535			
	2028	0	0	86	101	89	88	82	79	11	536		-4	-0.8%



# **Woodbrook Elementary**

In the historic period, Woodbrook Elementary enrollments began at 920 students, peaked at 997, and ended at 978 students, for an overall period increase of 58 students.

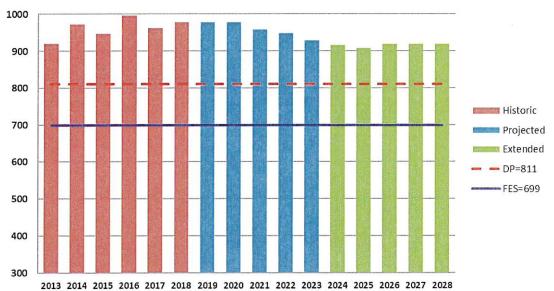
In the 5-year projection period elementary enrollments decrease from a year 2019 high of 978 students, to a 2023 low of 928 for an overall period to period decrease of 50 students.

In the 5 to 10-year extended projection period, enrollments stabilize around an average of 916 students.

Woodbrook Elementary School enrollments which averaged 963 students in the historic period, will average a slightly decreased 958 students in the projection period and 916 in the extended projection period.

Projection period average enrollments are generally between the FES capacity of 699 students, and the DP capacity of 811 students.

#### Woodbrook Elementary School



A year-to-year breakdown by grade level is as follows;

#### Woodbrook Elementary School

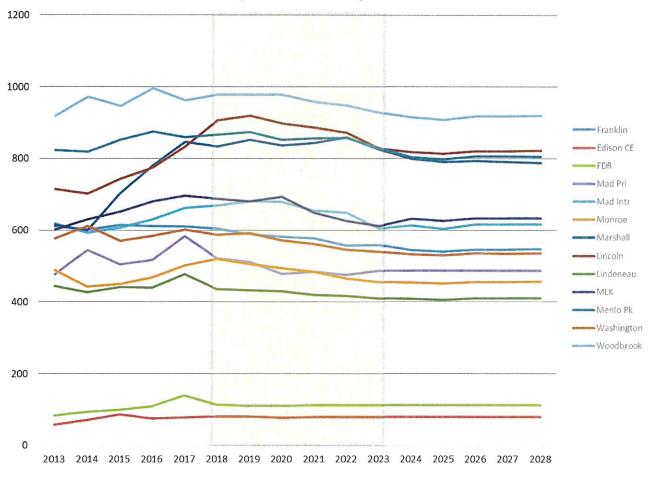
**********									K-5  SCSE TOTAL Average Change					
		PK								K-5				%
		SCSE	PK34	K	1	2	3	4	5	SCSE	TOTAL	Average	Change	Chg
Historic	2013	0	0	95	133	172	176	176	164	4	920			
	2014	0	0	114	152	156	179	191	181	0	973			
	2015	0	0	88	152	163	169	184	191	0	947			
	2016	0	0	104	161	170	174	191	197	0	997	963		
	2017	0	0	92	158	173	169	182	189	0	963		58	
	2018	0	0	95	160	168	185	177	193	0	978		58	6.3%
Projected 2	2019	0	0	94	153	175	176	197	183	0	978			
	2020	0	0	85	150	168	184	188	203	0	978			
	2021	0	0	90	136	165	177	196	194	0	958	958	58	
	2022	0	0	90	144	149	173	189	203	0	948			
	2023	0	0	90	144	158	156	184	195	0	928		-50	-5.1%
Extended	2024	0	0	90	144	158	166	167	190	0	915			
	2025	0	0	90	144	158	166	177	172	0	907			
	2026	0	0	90	144	158	166	177	183	0	918	916		
	2027	0	0	90	144	158	166	177	182	0	918			
	2028	0	0	90	144	158	166	177	183	0	919		-10	-1.0%



# **Comparative Elementary**

All Elementary School enrollments are decreasing in the 5-year projection period.

# **Comparative Elementary Enrollments**





# Herbert Hoover Middle School

In the historic period, Hoover Middle School enrollments began at 820 students, peaked at 914 students in 2018, for an overall period increase of 94 students.

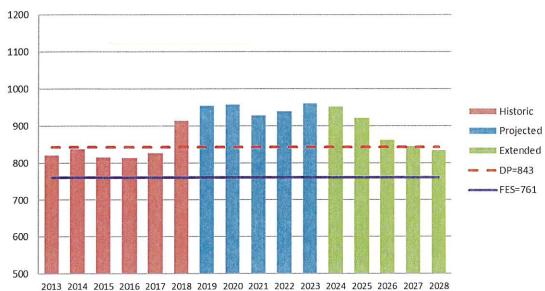
In the 5-year projection period middle school enrollments are volatile starting the period at 954 and ending at 960 students with a period over period increase of 46 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments decrease by 128 students

Hoover Middle School enrollments which averaged 838 students in the historic period, will average an increased 948 students in the projection period and 882 in the extended projection period.

Projection period average enrollments are generally greater than the FES capacity of 761 students, and the DP capacity of 843 students.

#### Herbert Hoover Middle School



A year-to-year breakdown by grade level is as follows;

#### Herbert Hoover Middle School

		6	7	8	SE	TOTAL	Average	Change	% Chg
Historic	2013	260	271	281	8	820			
	2014	292	268	270	7	837			
	2015	266	279	261	9	815			
	2016	267	258	281	7	813	838		
	2017	295	266	257	8	826			
	2018	332	293	266	23	914		94	11.5%
Projected	2019	310	329	291	24	954			
	2020	300	307	327	24	958			
	2021	303	297	305	24	929	948		
	2022	320	300	296	24	939			
	2023	321	317	298	24	960		46	4.8%
Extended	2024	294	318	316	24	952			
	2025	290	291	316	23	921			
	2026	262	287	290	22	861	882	882	
	2027	278	259	286	22	845			
	2028	278	275	258	21	833		-128	-13.4%



# John Adams Middle School

In the historic period, John Adams Middle School enrollments began at 822 students, and peaked at 961 students in 2018, for an overall period increase of 139 students.

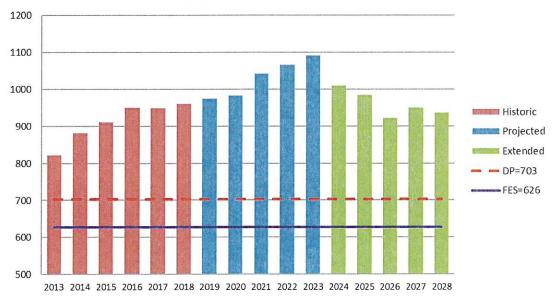
In the 5-year projection period middle school enrollments continue to increase, ending at 1,092 students with a period over period increase of 139 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments decrease by 156 students

Adams Middle School enrollments which averaged 913 students in the historic period, will average an increased 1,032 students in the projection period and 961 in the extended projection period.

Projection period average enrollments are generally greater than the FES capacity of 626 students, and the DP capacity of 703 students.

#### John Adams Middle School



A year-to-year breakdown by grade level is as follows;

#### John Adams Middle School

		6	7	8	SCSE	TOTAL	Average	Change	% Chg
Historic	2013	265	282	274	1	822			
	2014	324	263	289	5	881			
	2015	314	327	261	9	911			
	2016	300	314	328	9	951	913		
	2017	324	305	318	2	949			
	2018	312	324	320	5	961		139	16.9%
Projected	2019	327	313	329	5	975			
	2020	331	329	319	5	984			
	2021	369	333	334	5	1,042	1,032		
	2022	352	371	339	6	1,067			
	2023	356	353	377	6	1,092		131	13.5%
Extended	2024	287	358	360	5	1,010			
	2025	327	288	364	5	985			
	2026	296	329	293	5	923	961	ı	
	2027	314	297	335	5	951			
	2028	314	316	302	5	937		-156	-15.4%



## Thomas Jefferson Middle

In the historic period, Thomas Jefferson Middle School enrollments began at 692 students, and peaked at 796 students in 2018, for an overall period increase of 104 students.

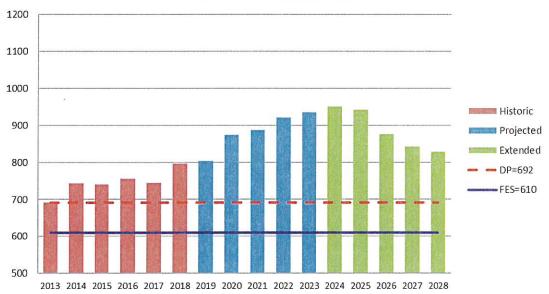
In the 5-year projection period middle school enrollments continue to increase, ending at 934 students with a period over period increase of 138 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments decrease by 105 students.

Jefferson Middle School enrollments which averaged 745 students in the historic period, will average an increased 884 students in the projection period and 887 in the extended projection period.

Projection period average enrollments are generally greater than the FES capacity of 610 students, and the DP capacity of 692 students.





Thomas Jefferson Middle School

		6	7	8	SCSE	TOTAL	Average	Change	% Chg
Historic	2013	246	246	200	0	692			
	2014	262	235	239	7	743			
	2015	242	249	243	6	740			
	2016	273	232	246	5	756	745		
	2017	262	256	222	4	744			
	2018	302	239	250	5	796		104	15.0%
Projected	2019	279	285	235	5	804	7		
	2020	326	263	281	5	875			
	2021	310	310	261	6	887	884		
	2022	312	295	308	6	921			
	2023	344	294	291	6	934	3	138	17.2%
Extended	2024	329	325	290	6	950	)		
	2025	305	311	320	6	942			
	2026	275	288	307	5	875	887	100	
	2027	292	260	284	5	841			
	2028	292	276	256	5	829		-105	-11.1%



# Woodrow Wilson Middle School

In the historic period, Woodrow Wilson Middle School enrollments began at 967 students, and peaked at 1,271 students in 2018, for an overall period increase of 304 students.

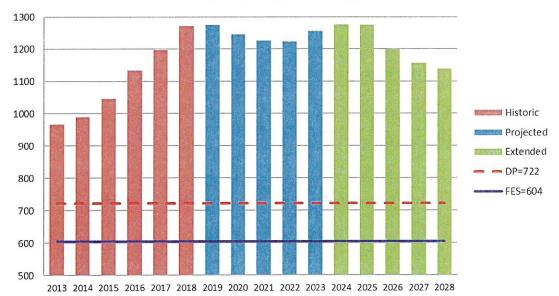
In the 5-year projection period middle school enrollments are decreasing except for the final year, ending at 1,254 students with a period over period decrease of 17 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments decrease by 116 students.

Wilson Middle School enrollments which averaged 1,101 students in the historic period, will average an increased 1,244 students in the projection period and 1,208 in the extended projection period.

Projection period average enrollments are generally greater than the FES capacity of 604 students, and the DP capacity of 722 students.

#### Woodrow Wilson Middle School



A year-to-year breakdown by grade level is as follows;

#### Woodrow Wilson Middle School

	20000000	6	7	8	TOTAL	Average	Change	% Chg
Historic	2013	315	314	325	967			
	2014	352	323	307	990			
	2015	347	371	325	1,046			
	2016	384	357	385	1,133	1,101		
	2017	435	391	363	1,196			
	2018	414	435	414	1,271		304	31.4%
Projected	2019	397	425	443	1,273			
	2020	396	408	433	1,245			
	2021	395	407	415	1,225	1,244		
	2022	394	405	415	1,222			
	2023	428	405	413	1,254		-17	-1.4%
Extended	2024	415	440	413	1,275			
	2025	391	426	448	1,274			
	2026	354	402	435	1,198	1,208		
	2027	376	363	410	1,156			
	2028	375	385	370	1,138		-116	-9.1%



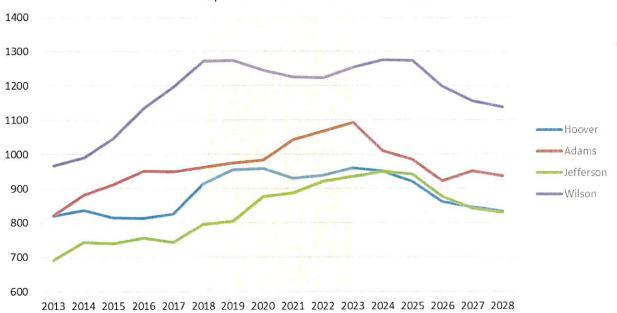
# Comparative Enrollments Middle School

Middle School enrollments are increasing at different rates.

Wilson decreases in the projection period while Hoover stabilizes.

Both Adams and Jefferson increase substantially

# Comparative Middle School Enrollments



Edison Township School District
Comparative Middle School Enrollments

		Hoover	Adams	Jefferson	Wilson	TOTAL
Historic	2013	820	822	692	967	3,301
	2014	837	881	743	990	3,451
	2015	815	911	740	1046	3,512
	2016	813	951	756	1133	3,653
	2017	826	949	744	1196	3,715
	2018	914	961	796	1271	3,942
Projected	2019	954	975	804	1273	4,006
	2020	958	984	875	1245	4,061
	2021	929	1042	887	1225	4,081
	2022	939	1067	921	1222	4,149
	2023	960	1092	934	1254	4,241
Extended	2024	952	1010	950	1275	4,187
	2025	921	985	942	1274	4,121
	2026	861	923	875	1198	3,857
	2027	845	951	841	1156	3,793
	2028	833	937	829	1138	3,736



# **Edison High School**

In the historic period, Edison High School enrollments began at 1,950 students, and peaked at 2,028 students in 2018, for an overall period increase of 78 students.

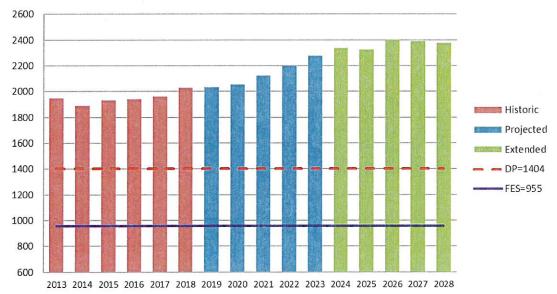
In the 5-year projection period middle school enrollments are consistently increasing, by 247, students ending at 2,275 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments increase and stabilize.

Edison High School enrollments which averaged 1,950 students in the historic period, will average an increased 2,136 students in the projection period and 2,366 in the extended projection period.

Projection period average enrollments are generally greater than the FES capacity of 995 students, and the DP capacity of 1,404 students.

### Edison High School



A year-to-year breakdown by grade level is as follows;

#### **Edison High School**

		9	10	11	12	9-12 SE	TOTAL	Average	Change	% Chg
Historic	2013	503	475	486	484	2	1,950			
	2014	451	494	475	471	0	1,891			
	2015	497	451	505	477	1	1,931			
	2016	478	497	459	504	1	1,939	1,950		
	2017	511	487	483	478	2	1,961			
	2018	478	526	494	507	23	2,028		78	4.0%
Projected	2019	498	480	529	501	23	2,031			
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	2020	509	501	483	536	23	2,052			
	2021	589	514	506	492	24	2,124	2,136		
	2022	548	594	517	514	25	2,198			
	2023	580	550	596	523	26	2,275		247	12.2%
Extended	2024	566	588	553	605	26	2,338			
	2025	583	569	587	561	26	2,327			
	2026	615	587	572	596	27	2,396	2,366		
	2027	576	618	589	581	27	2,391			
	2028	550	579	621	599	27	2,376		101	4.3%



# J P Stevens High School

In the historic period, J P Stevens High School enrollments began at 2,114 students, and peaked at 2,517 students in 2018, for an overall period increase of 403 students.

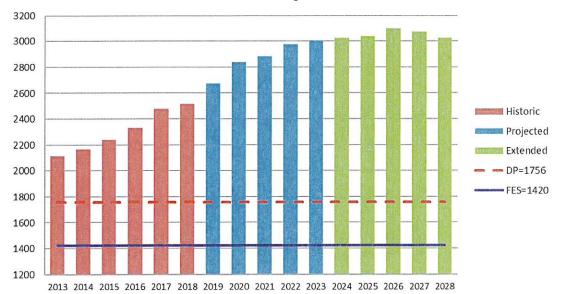
In the 5-year projection period middle school enrollments are consistently increasing, by 487 students ending at 3,004 students.

In the 5 to 10-year, less accurate, extended projection period, enrollments increase and stabilize.

J P Stevens High School enrollments which averaged 2,307 students in the historic period, will average an increased 2,876 students in the projection period and 3,053 in the extended projection period.

Projection period average enrollments are significantly greater than the FES capacity of 1,420 students, and the DP capacity of 1,756 students.





A year-to-year breakdown by grade level is as follows;

#### J P Stevens High School

		9	10	11	12	9-12 SE	TOTAL	Average	Change	% Chg
Historic	2013	526	524	513	548	3	2,114	X		
	2014	582	540	528	510	6	2,166			
	2015	553	599	547	527	11	2,237			
	2016	570	560	632	558	10	2,330	2,307		
	2017	682	580	568	639	8	2,477			
	2018	632	679	602	574	30	2,517	5	403	19.1%
Projected	2019	698	642	696	607	32	2,675	i		
	2020	735	709	658	703	34	2,838			
	2021	714	746	727	664	34	2,885	2,876		
	2022	714	728	766	735	35	2,978			
	2023	719	727	748	775	36	3,004		487	18.2%
Extended	2024	754	736	745	755	36	3,026			
	2025	736	765	749	752	36	3,039			
	2026	773	748	785	756	37	3,099	3,053		
	2027	691	785	766	793	37	3,072			
	2028	708	703	805	774	36	3,026		22	0.7%



# Comparative Enrollments High School

Both High Schools continue to increase in the projection period. Stevens increases at a more rapid rate.

# 

2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

Edison Township School District
Comparative High School Enrollments

		Edison	Stevens	JFK	TOTAL
Historic	2013	1950	2114	5	4,069
	2014	1891	2166	14	4,071
	2015	1931	2237	18	4,186
	2016	1939	2330	17	4,286
	2017	1961	2477	10	4,448
	2018	2028	2517	0	4,545
Projected	2019	2031	2675	10	4,716
-	2020	2052	2838		4,901
	2021	2124	2885		5,020
	2022	2198	2978		5,186
	2023	2275	3004	10	5,289
Extended	2024	2338	3026	10	5,374
	2025	2327	3039		5,376
	2026	2396	3099		5,505
	2027	2391	3072		5,473
	2028	2376	3026	10	5,412



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		-						

- A. **Enrollment Projection Worksheets** using Cohort Survival Worksheet Format and Methodology as recommended by NJ DOE
  - 1. District-Wide Projection Worksheet Standard Methodology
  - 2. Standard Methodology Adjusted for Accelerated Housing
  - 3. Mandatory NJ DOE CS worksheet (1 Year earlier)



Standard Cohort-Survival Enrollment Projection Worksheet DISTRICT NAME Edison Township School District COUNTY: Middlesex DATA ISSUES Enrollments are from NJ Smart Oct reports 
 5th
 K-5
 K-5
 K-5
 PK
 PK
 PK

 Gr.
 Subt.
 SCSE
 Total
 SCSE
 3 yrs.
 4yrs.
 12th 9-12 9-12 PK K-12 K-12 Gr. Subt. SCSE Total Subt. Subt. Total 8th 6-8 6-9 Gr. Subt. SCSE Total 3278 22 0.75% 3424 27 0.77% 3485 27 0.77% 3625 28 1.05% 21 1.05% 3591 41 % Pop HSTORIC DATA 2913-14 1405 0,607 853 1174 1202 1221 1162 1199 106 69 0 76 1086 1113 1000 1029 599 999 1034 8 145 1139 6866 106 6972 94 0 71 4-15 1337 0.635 849 1243 1242 1214 1179 1230 1089 1105 3451 1033 1034 1003 992 4062 9 4071 165 14352 1,000 1,002 1034 1003 1050 1052 7 1,039 1 1057 1091 4 0,994 1 1.054 0.997 1050 1.389 1019 6983 134 7117 115 0 73 1090 1050 4171 15 15-16 1354 0,641 869 1285 1169 3512 1263 1048 16-17 1354 0.651 882 1249 1267 1330 1286 7276 88 7364 132 0 66 1224 1161 1240 1078 4274 12 1329 1300 1,016 0.984 1,012 1193 1067 1051 1126 1,010 1,027 1,029 017-18 1254 0.719 909 1258 1316 1218 1160 4437 11 250 3715 4448 15596 15752 16012 7588 180 0 76 % 1Yr 3&4YO % 1Yr 4YO 8% 5% 4492 % Pop 1 Yr 018-19 1263 0.663 837 1281 1286 1323 1324 1360 1291 1250 1110 1205 1098 1081 262 3942 54 15750 4546 16056 16318 7365 211 7576 192 0 76 3964 42 16557 019-20 1272 0.553 4661 56 4717 16299 1306 1356 7245 208 7454 187 0 69 4019 42 4843 58 20-21 1149 0,653 1.028 1,016 1,006 1.011 1.019 1258 1,028 1107 1226 1270 1413 1374 1345 1,006 1353 1314 4032 42 4075 1302 1230 1162 1,016 1355 7118 204 7323 188 0 73 7583 4952 60 5011 16103 16409 921-22 1219 0,653 261 16670 1270 1413 1,016 1260 1291 1,006 0,994 0.557 1,011 1,016 1278 1,019 1,056 1,398 7002 201 7203 188 0 73 6815 195 7010 188 0 73 1112 1373 1365 4091 43 1258 1317 1253 1.016 5106 61 5167 261 16199 16505 16766 2022-23 1219 0.653 7464 4134 1112 1107 1260 1291 1,656 1,028 1,016 1112 1175 1138 1281 1,006 1,398 1,011 1,016 4183 44 5208 63 16205 2023-24 1222 0.653 Number Colors

5 Sandard namber with no modifications to methodology

5 Provisional, but uncertified bethis from the I/J Department of Health

5 Erriss projected as an average of the mod 6 years, roulding provisional data. and
from this Tess scrutish? "aresige

5 Students per Grade Level added for residential development

5 Computation marker of specular development states to be thought tack in-district, rich George B. Sundell Tel 856-755-0174 Email GSun SUNDANCE Jerge B Sull Date: Oct 26, 2018 1157 1,016 1208 1227 1,016 PROJECTIONS

1222 0.653
6 Yr Avg

1222 0.653
Continued £753 194 6947 188 0 73 4128 43 4171 1301 63 5345 16152 1.016 1175 6701 192 6893 188 O 73 0.994 1182 1311 4064 43 4107 1,028 1331 5293 64 5357 025-26 1,016 0.994 1383 26-27 1222 0.653 1301 1319 3802 40 3842 1329 1352 1257 5420 65 5486 1247 6775 194 6970 188 0 73 261 15998 16297 16558 1230 1,016 1,006 1,006 1,011 1,016 1,019 1,056 1,028 1,016 0.967 1351 1211 1247 6779 194 6973 188 0 73 ...s4 0.994 1254 1175 1309 3738 39 3777 1263 1398 1377 5390 65 5454 16204 1,028 1178 7234 261 15906 16465 027-28 1222 0.553 1.006 1,016 1.016 1.006 0.957 1,011 1.019 1.056 1.398 1211 1230 1250 6782 195 6976 188 0 73 1246 1182 3683 39 5328 64 3721 15792 2028-29 1222 0.553

			for Impact	CONTRACTOR OF STREET	sing C	ohort-Si	urvival	Enrolln	nent Pr	ojection	Work	sheet -	Distric																							
DISTRI	ICT NAME	Edison To	wnship Sch	ool District							_				_	1																				
	COUNTY	Middlesex														1																				
FALL RE	PORT AND	Enrollment	are from N.	Smart Oct re	ports																															
"a" = survival ret												10000			Lawren					1			_					-					10000			
School 5 Yr		к	Gr.	2nd Gr.	Gr.		tth Gr.	Sth Gr.	K-S Subt	SCSE	K-5 Total	PK	PK 3 yrs.	PK 4yrs.	PK-5 Total		lith Gr,	7th Gr.	Rh Gr.	5-2 5-6-5	SCSE	G-B Total		fith Gr.	Gr.	11		12th Gr.	5-12 Subt.	SCSE	9-12 Total	PK Subt.	K-12 Subt.	K-12 Total	PK-12 Total	
Year Ag	o '4'	'5"	Y	ν.		Y	,				text. PK					4	'1'	"1"					v	'4"	3	's'	'1'						nd SCSE	w/ SCSE		
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#### Cohort-Survival Enrollment Projection Worksheet

Histonic enrollments should be based on NJSMart or ASSA. Additional supporting documentation is required if other data is used. Special education grade group totals can represent classified or self-contained students in the district projections. Physica growders whould be excluded from perschool enrollments I/YO' using district-coned facilistic

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April 15, 2019

Edison Board of Education Attn: Daniel Michaud, Business Administrator Education Center 312 Pierson Avenue Edison, NJ 08837

RE: Demographic Study - Additional PreK and Kindergarten Analysis

Dear Mr. Michaud,

Subsequent to the recent Enrollment update study, questions arose regarding;
a) PreK enrollment and use of the planned 10 modular classrooms at the FDR school, and
b) enrollment level if Full-day Kindergarten was implemented.
As a result, the following adjustments should be made to the projection.

#### Pre K Students

The 10 modular units will be available for school year 2019-20. Their maximum enrollments is as described on Table A1. The current enrollment of 235 PK SCSE students will increase to a maximum of 354 students. All PK SCSE students in other Elementary Schools will be enrolled at either FDR or the ECC.

In the submitted projection there are 10 PK SCSE Students at Madison Primary, 22 at Marshall ES, 33 at Lincoln ES and 2 at Menlo Park. These students will be reassigned to either FDR or ECC, and the related spaces in the Long Range Facilities Plan should be reassigned to another use at each of these schools.

PreK Tuition students which count was 73 in year 2023-24 of the submitted projection remains at a maximum of 73 students. In the submitted projection all PreK Tuition students were already assigned to FDR or the ECC.

## Full Day Kindergarten

Based on an analysis of the District's enrollment from 2004 to 2009, at which time the District was offering Full Day Kindergarten, the Birth to Kindergarten Survival Rate increased to between .690 and .820 with a 6-year average of .779. If Full day Kindergarten were offered the District could expect K enrollment to increase from the 798 students in the original submittal to between 951 and 1000 students in school year 2013-24.

I hope this answers the PreK and K level inquiries.

George B. Sundell Senior Principal

Sundance Associates

Table A.1
Edison Township Schools
Pre K Analysis with 10 Modulars added to FDR

				Self-Contained	d Special E	ducation			
		FDR			EELC			District	
	Full	Half	Total	Full	Half	Total	Full	Half	Total
2019 - 20	111	68	179	0	56	56	111	124	235
2020 - 21	168	102	270	0	84	84	168	186	354
2021 - 22	168	102	270	0	84	84	168	186	354
2022 - 23	168	102	270	0	84	84	168	186	354
2023 - 24	168	102	270	0	84	84	168	186	354

				Pre K Re	gular/Tuit	ion			
		FDR			EELC			District	
_	Full	Half	Total	Full	Half	Total	Full	Half	Total
2019 - 20	0	0	0	0	26	26	0	26	26
2020 - 21	0	46	46	0	26	26	. 0	72	72
2021 - 22	0	46	46	0	26	26	0	72	72
2022 - 23	0	46	46	0	26	26	0	72	72
2023 - 24	0	46	46	0	26	26	0	72	72

				Combi	ned-All Pre	eK			
		FDR			EELC			District	
	Full	Half	Total	Full	Half	Total	Full	Half	Total
2019 - 20	111	68	179	0	82	82	111	150	261
2020 - 21	168	148	316	0	110	110	168	258	426
2021 - 22	168	148	316	0	110	110	168	258	426
2022 - 23	168	148	316	0	110	110	168	258	426
2023 - 24	168	148	316	0	110	110	168	258	426

In year School Year 2023-24 of the original projection, 188 Self-Contained Special Education students were projected. The revised projection is for 354 students.

In year School Year 2023-24 of the original projection, 72 Pre-K Tuition students were projected. The revised projection remains unchanged and is also for 72 students.

Table A.2 Edison Township Schools Alternate Analysis FULL DAY K

Births Yr	Births Count	K Year	Count	S/R	
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1996	1,318	2001	769	0.583	1/2 day
1997	1,244	2002	766	0.616	1/2 day
1998	1,370	2003	945	0.690	
1999	1,248	2004	977	0.783	FULL DA'6 Yr Avg
2000	1,407	2005	1060	0.753	Survival Rate
2001	1,390	2006	1070	0.770	0.779
2002	1,392	2007	1076	0.773	say 78-82%
2003	1,421	2008	1103	0.776	
2004	1,363	2009	1117	0.820	
2005	1,355	2010	839	0.619	1/2 day
2006	1,376	2011	874	0.635	1/2 day

					Original	Delta	l
Projected			78%	82%	Proj	78%	82%
2014	1,272	2019	992	1043	830	162	213
2015	1,149	2020	896	942	750	146	192
2016	1,219	2021	951	1000	798	153	202
2017	1,219	2022	951	1000	798	153	202
2018	1219	2023	951	1000	798	153	202

Summary: Original Projection for 830 to 800 Full Day Projection is for 900 to 1050 Full-Day adds 150 to 215 students

Standard Cohort-Survival Enrollment Projection Worksheet

DISTRICT NAME | Edison Township School District

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Adjusted for Impact of New Housing Cohort-Survival Enrollment Projection Worksheet - District

OKSTRUCT NAME Edison Township School District

COUNTY: Middlesex

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# Cohort-Survival Enrollment Projection Worksheet

Historic enrollments should be based on NJSMart or ASSA, Additional supporting documentation is required it other data is used.

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