Madison Public Schools

School Enrollment Projections Analysis

March 2021

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This 10-year projection report is prepared in accordance with OSCG&R requirements.

Impacts of Pandemic

Impact of COVID-19 Pandemic

State Department of Education released an *Analysis of Preliminary Public School Enrollment* in November 2020. Key statewide trends include:
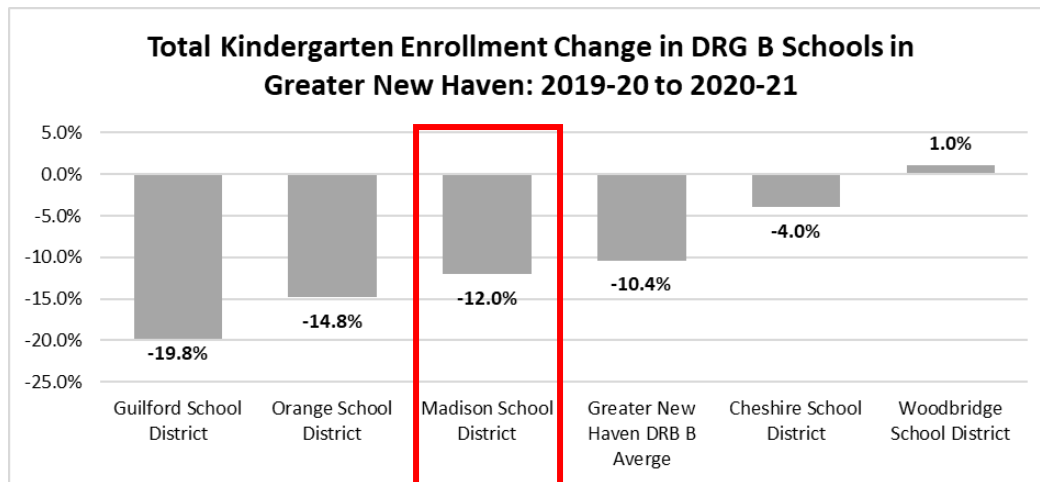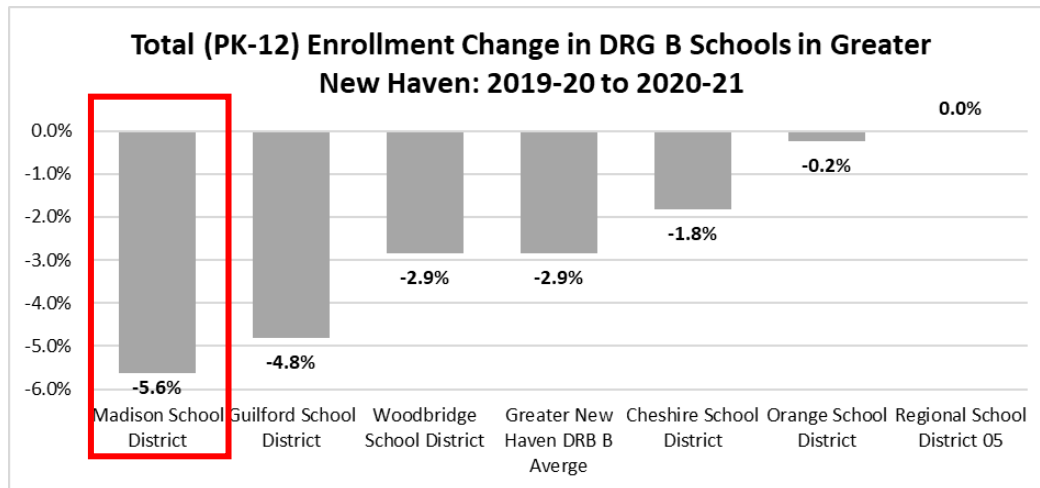
- **The greatest declines are seen in the earliest grades**, **which suggests that parents are choosing to delay the start of public schooling for their youngest children** due to the COVID-19 pandemic

- **Pre-K Enrollment declined by 20%** with the greatest decrease in Alliance Districts

- **Kindergarten enrollment fell by nearly 12%** since the 2019-20 school year
  - There was not a corresponding drop in births that explains this decrease. Much of this decline is surmised to be due to delayed entry

- Grades 1 through 7 all saw net out-migration. These grades typically see net in-migration

- **There is a six-fold increase in the number of students who are homeschooled** which has contributed to the net out-migration trend seen this year

- **There was about 20% drop in the number of new students enrolling in Connecticut Public Schools** indicating that fewer new students enrolled this year compared to recent years

Impact of COVID-19 Pandemic

Greater New Haven DRG B Trends

- **Overall enrollment in MPS dropped by 5.6% since last year, higher than its peer DRG B districts.**

- Kindergarten enrollments are down by about 10% in 2020 in comparable DRG B schools. **MPS trend is slightly higher at an 12% decrease**

- Woodbridge is the only peer district that saw kindergarten enrollment increase this year

Total (PK-12) Enrollment Change in DRG B Schools in Greater New Haven: 2019-20 to 2020-21

Total Kindergarten Enrollment Change in DRG B Schools in Greater New Haven: 2019-20 to 2020-21
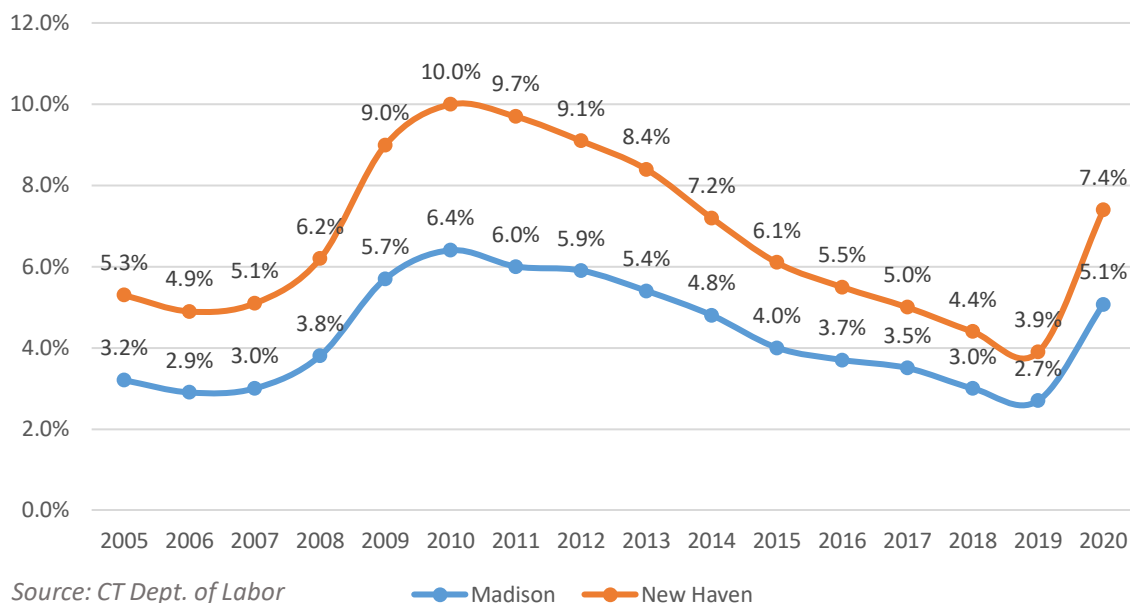
Based on preliminary numbers reported by CTSDE. Subject to revision. May differ slightly from district-reported enrollment counts
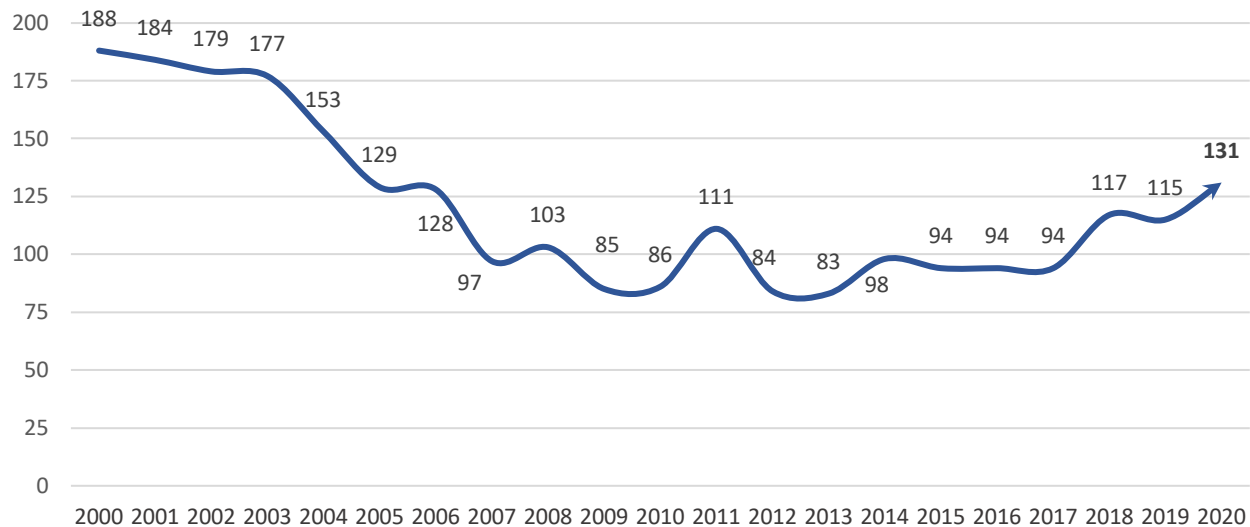
Employment, Births & Housing

Employment

Annual Unemployment Rate (2005-2020)

Source: CT Dept. of Labor — Madison — New Haven

- Significant increase in unemployment due to COVID-19 pandemic
  - 2020 unemployment rate in Madison was 5.1%, and 7.4% in New Haven County
  - Rate of economic recovery will impact housing market and migration trends

Births

Madison Births: 2000 to 2020

Source: Connecticut Department of Public Health. Data for 2019, 2020 is preliminary.

- Births have increased over the last decade from 84 in 2012 to 131 in 2020

- 2020 is the peak birth year with 131 births, will enter Kindergarten in 2025-26

- 2011 birth bubble corresponds with current 4th grade class which has held consistent class size

Home Sales


Madison Home Sales (2000-2020)
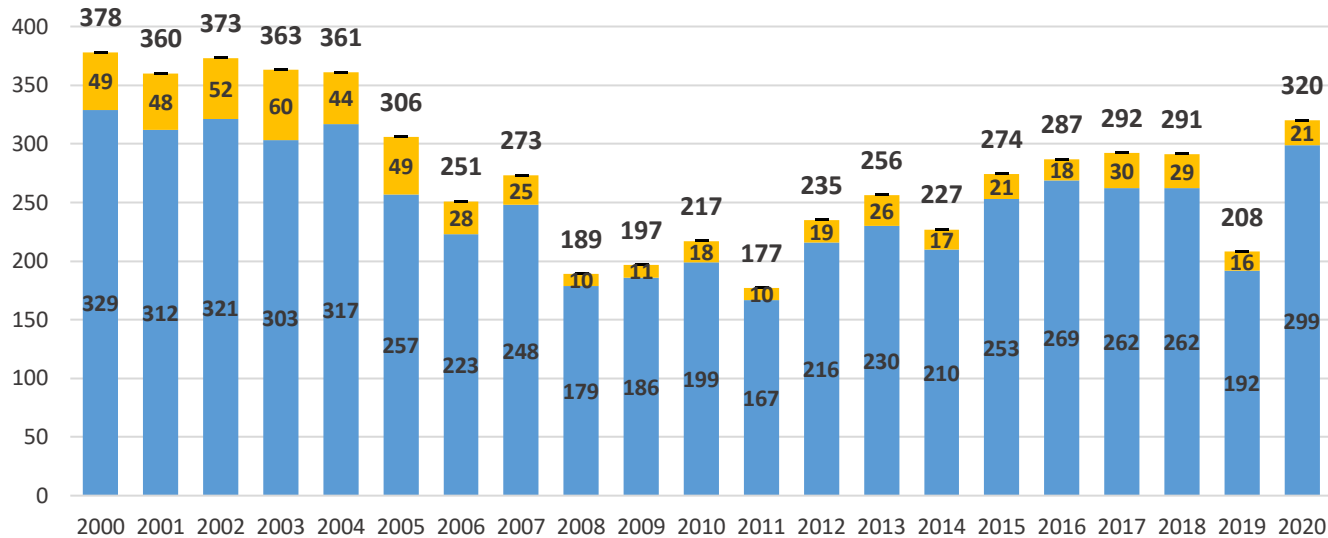
Source: Warren Group Town Stats, 2000-2020 — Single-Family ■ Condo ■ — Total

- 2020 marked a recent peak in home sales with 320 overall; most since 2004
  - About 112 or 50% increase in total sales since 2019, which had the lowest sales activity since 2011.

- Total sales had plateaued from 2015 to 2018 averaging 286 sales per year

Home Sales

Madison Median Home Sales Price (2000 - 2020)
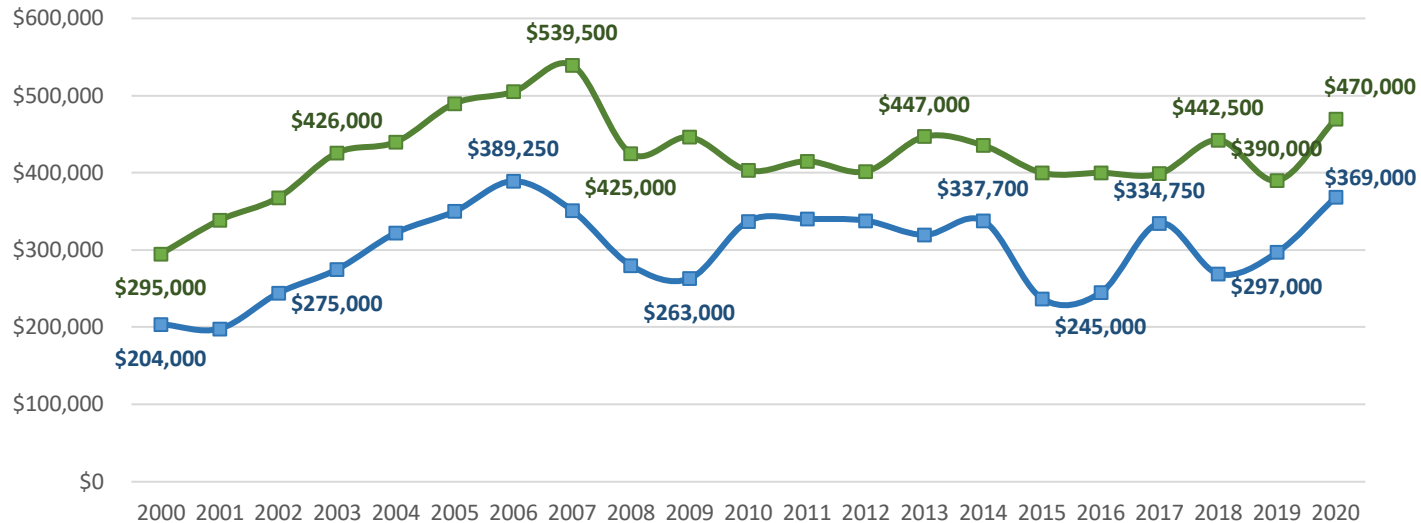
Source: Warren Group Town Stats, 2000-2020 — Single-Family — Condo

- Significant increase in median sale price for single family homes and condominiums in 2020; each raising about $75,000 since 2019

- Highest median home sale prices since the mid-2000s for both single family and condominiums

- Increase in condominium sale prices may be skewed by the relatively small number of sales (~21) in 2020

- Inventory and competition a factor in driving total sales and price

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1-Family Home Sales Hotspot

- Previous three years of single-family home sales were mapped and analyzed to identify concentration of housing activity

- South of I-95 had the most density of home sales

- Other areas with significant sales include the vicinity of Green Hill Rd, and neighborhoods directly south of Route 80 and the Circle

Home Sales per Sq. Mile
2018 - 2020 Sales

- 20 – 29
- 30 – 39
- 40 – 49
- 50 – 60
- Single-Family
- Condominium
- Elementary District

Source: Warren Group Home Sales
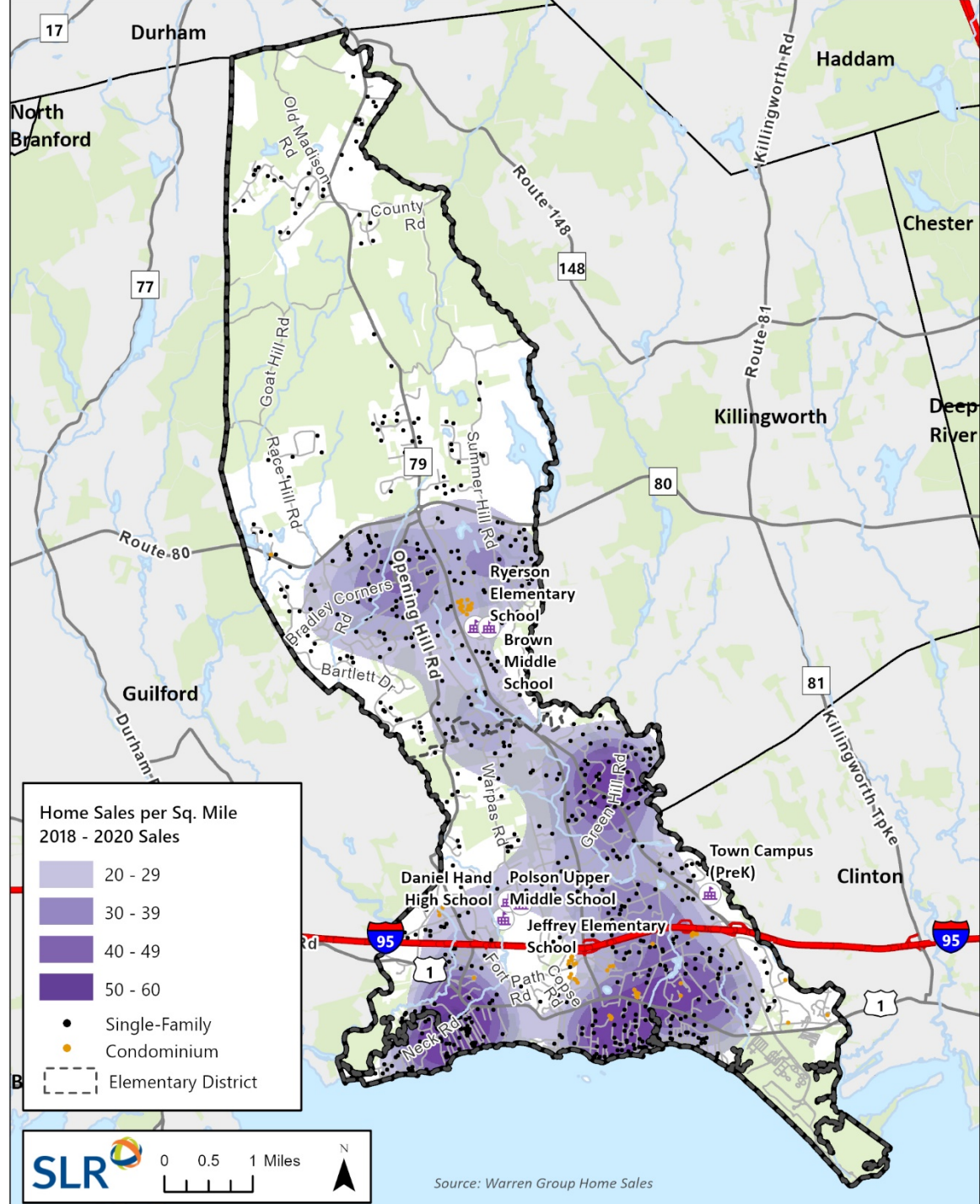
Seasonal Vacancy

- Seasonal housing units were analyzed to identify impacts to student enrollments

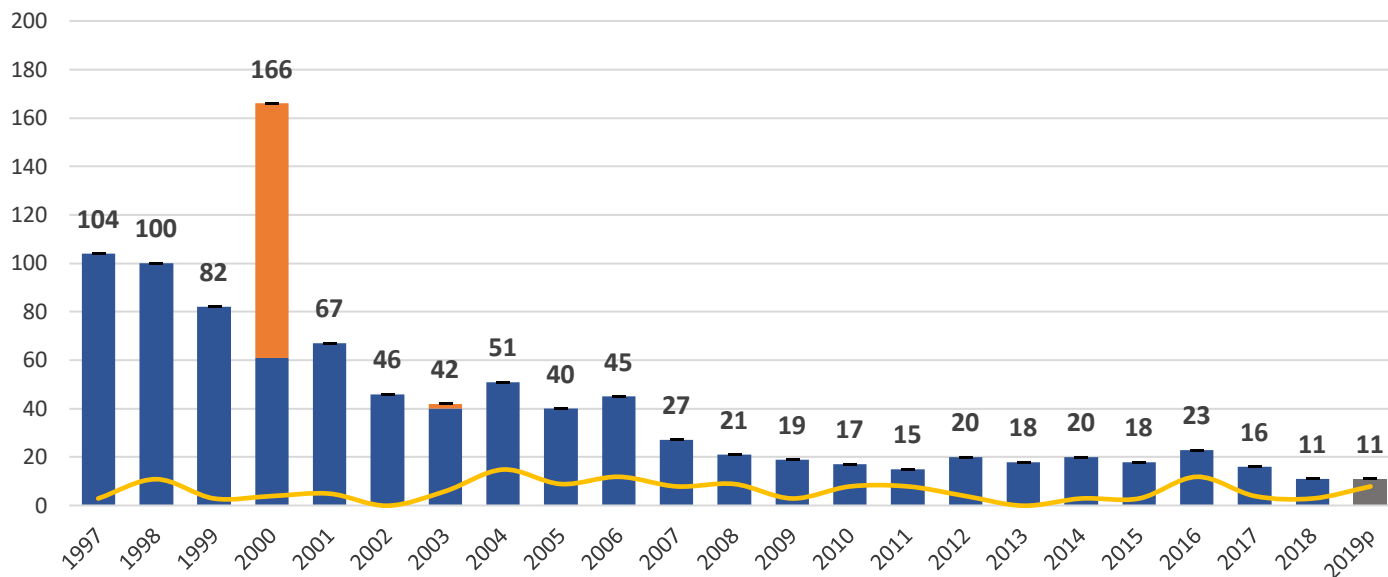- In total, there are about 1,000 seasonal units (12%) out of about 8,200 total housing units.

- These units are concentrated south of Route 1 along the waterfront neighborhoods

- Due to the high number of seasonal units, home sales in these areas have less of an impact on student enrollments than elsewhere in Madison

Percent of Seasonal Vacancy from Total Housing Units by Block Group

- No Seasonal Vacancy
- 1% - 10%
- 11% - 20%
- 21% - 30%
- 31% or greater

Source: ACS 2019 5-yr Dataset, Table B25004, B25001
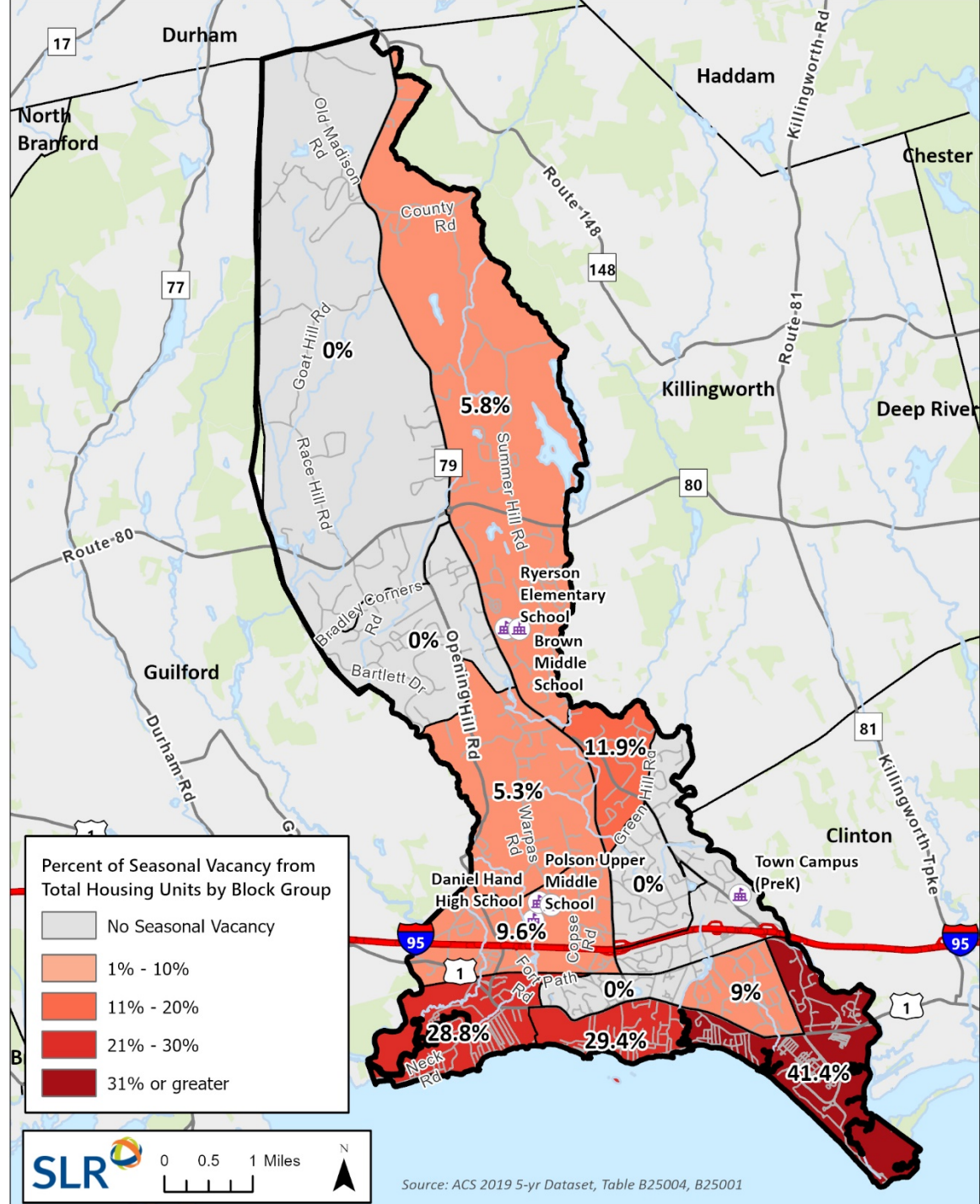
Housing Permits

Madison Housing Permits (1997 - 2019)

Source: CT Dept. of Economic and Community Development (DECD)
2019 preliminary through July

Legend: Single-Family | Multi-Family | Total | Demolitions

- Over past 10 years of data (2010-2019) Madison has averaged 17 new housing permits per year

- Housing permit data not yet available for 2020

Future Development

Recent and Approved Housing Developments

Name	Units	Type	Status	Address
Hammonasset Apartments	10	1-2 Bedroom Apartments	Recently Constructed	41 Cottage Road
East River Farms	7	Condominium Units	Under Construction	67 Boston Post Road
The General's Residence at Fence Creek	9	Single-Family	Under Construction	916 East Wharf Road
Markham Place Subdivision	16	Single-Family	Under Construction	Horsepond Road
Brookside Lane Apartments	9	2 Bedroom Apartments	Approved	Brookside Lane
Marina Landing	37	2 Bedroom Townhouses	Approved	168 and 178 Cottage Road
Wellington	27	1-2 Bedroom Apartments	Approved	Cottage Road
The Bradley Apartments	30	1-2 Bedroom Apartments	Proposed	110 & 114 Bradley Road
The Ledges	7	Single-Family	Proposed	856 Boston Post Road
Total	**152**			

Source: Town of Madison Planning and Zoning Development - February 2021

- Several housing developments currently under construction, approved or planned

- All future development located in existing Jeffery Elementary School District

- Markham Place Subdivision likely to attract families with students entering MPS due to size and nature of single-family development

- Majority of these developments not anticipated to generate many students, if at any at all
  - 1-2 Bedroom apartments/townhouses do not typically generate many students

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Future Development

- Madison's 2013 Plan of Conservation and Development discusses goals for residential development

- In order to help preserve community character residential development is managed through the extensive open space and large lot size requirements

- This results in Madison being largely built out with limited potential for significant future subdivision development

- Additional single-family housing will occur through single lot and small infill subdivisions

Future Land Use Plan
Madison, CT
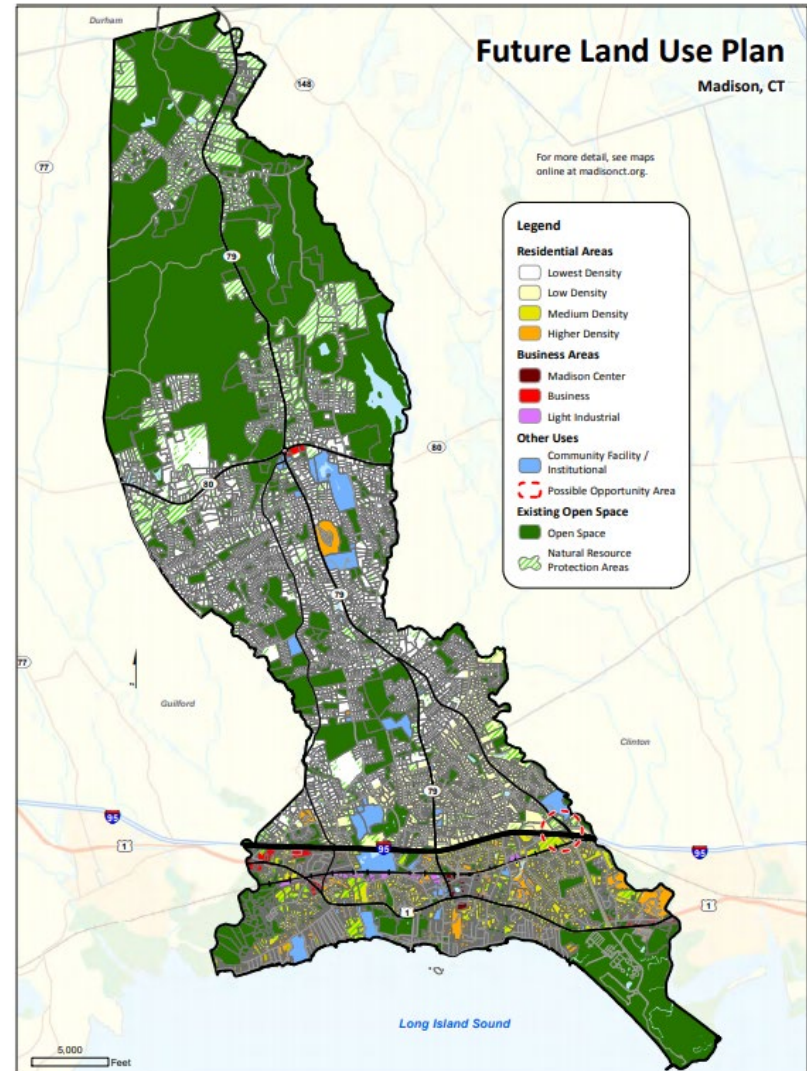
Enrollment Trends

Elementary School Districts (K-3)
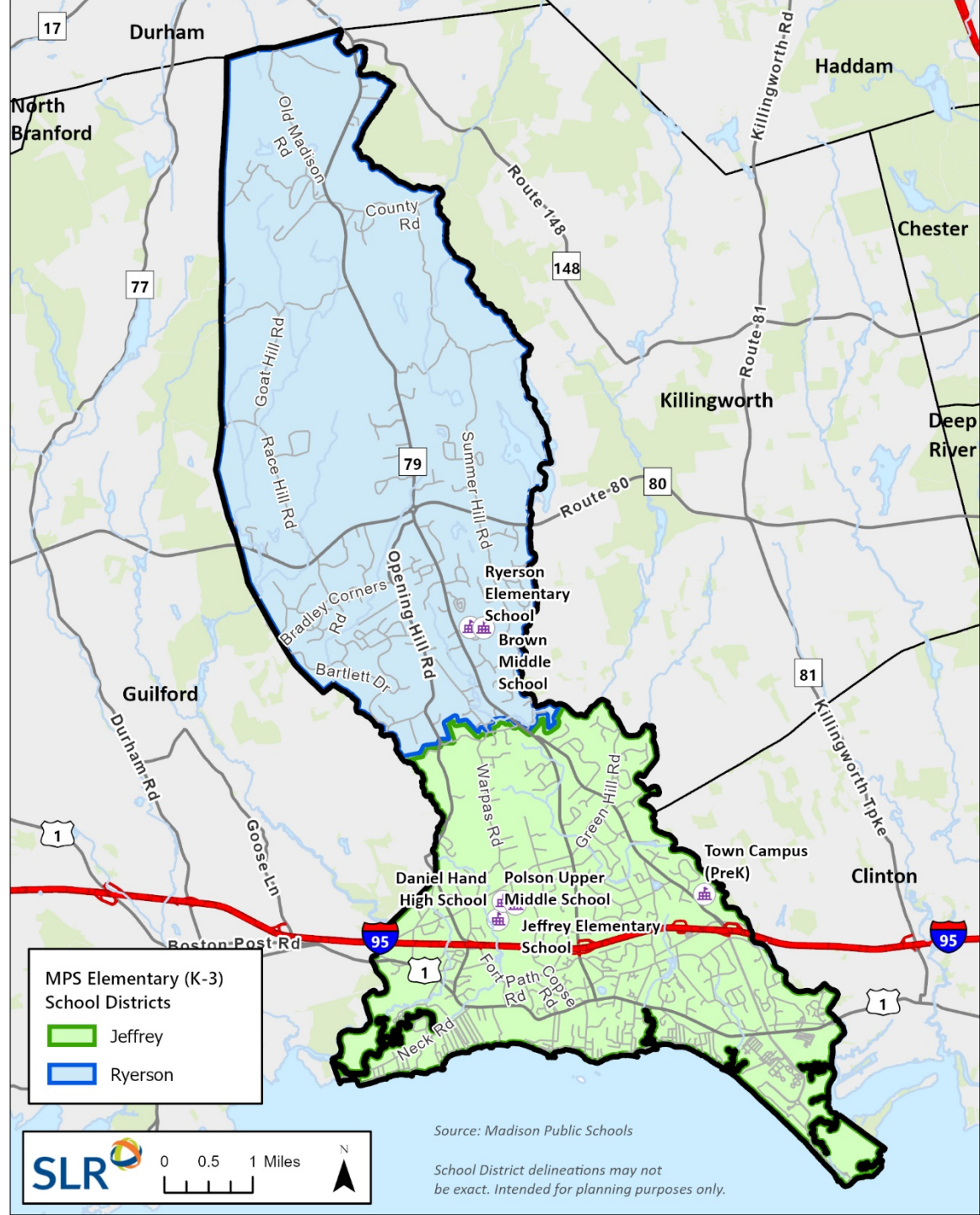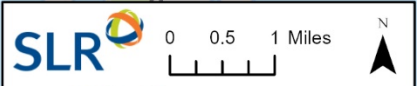
- Ryerson school district covers the northern half of Madison while Jeffrey covers the southern half

- "New Districts" were established as part of the Island Ave Closure for the 2019-20 school year.

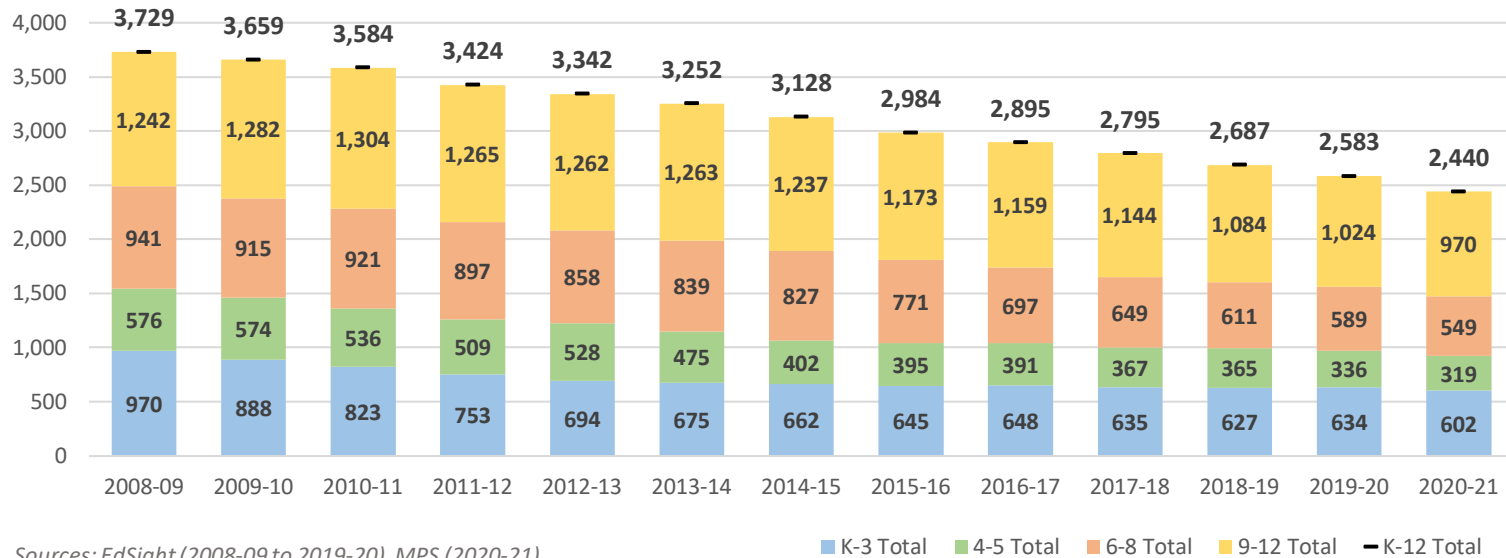MPS Elementary (K-3) School Districts

- Jeffrey
- Ryerson

Source: Madison Public Schools

School District delineations may not be exact. Intended for planning purposes only.

Enrollment Trends: District

District Enrollment Trends by Grade Level
2008-09 to 2020-21

Sources: EdSight (2008-09 to 2019-20), MPS (2020-21)

Legend: ■ K-3 Total ■ 4-5 Total ■ 6-8 Total ■ 9-12 Total ▬ K-12 Total

- **Overall, MPS enrollment has been declining significantly over the past several years**
  - K-12 enrollment has declined 6% since last year, 29% over the past 10 years
  - Elementary (K-3) grades have decreased by 20% over the past decade. However, enrollment stabilized between 2015-16 and 2019-20.
  - Intermediate (4-5) and Middle School (6-8) grades have experienced the greatest decrease over the last decade at 37% and 39% respectively.
  - High School (9-12) enrollment peaked in 2010-11 and has decreased each year since. Overall enrollment has decreased by 23% over the last decade

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District provided 2020-21 enrollment may differ slightly from the preliminary data reported by the State Department of Education

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Enrollment Trends: Private & Other Public

Key Trends in Student "Opt Out"

Exit Type	2016-17	2017-18	2018-19	2019-20	2020-21
To a private or religious school within the same local education agency	4	1	4	5	36
Transfer to home schooling	2	7	3	2	33
Total	**6**	**8**	**7**	**7**	**69**

Source: MPS, Infinite Campus 1/28/21

- Historically, few MPS students transfer to home schooling, or private/religious schools

- Significant increase in home school and private/religious school transfers for 2020-21 driven by the pandemic.
  - Majority of these students in grades K-3

- Many of these students, especially in the elementary grades, are expected to return to MPS in 2021-22

* District provided enrollment may differ slightly from the preliminary data reported by the State Department of Education

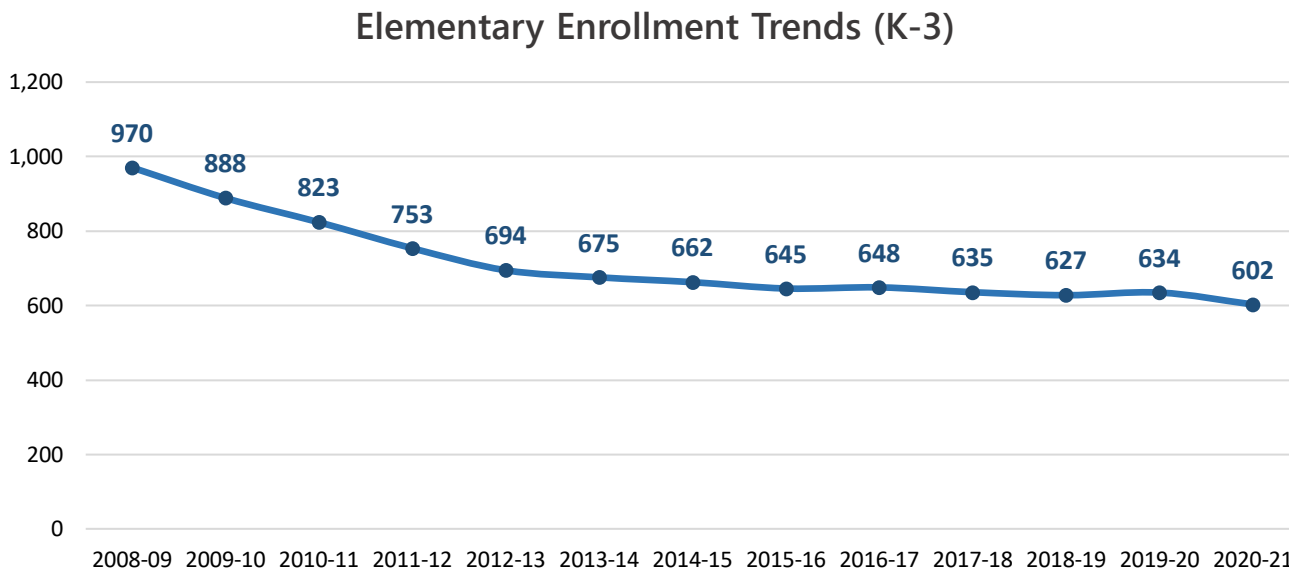# Enrollment Trends: Private & Other Public

2020-21 Trends in Student "Opt Out" by Grade

Exit Type	K-3	4-5	6-8	9-12	Total
To a private or religious school within the same local education agency	24	5	7		36
Transfer to home schooling	23	6	2	1	32
Total	**47**	**11**	**9**	**1**	**68**

Source: MPS, Infinite Campus 1/28/21

- Significant increase in 2020-21 enrollment to private or religious school and home schooling

- In total, 47 or 69% of these students were in grades K-3

- Fewer students transferring to private, religious or home schooling in middle and high school grades

Enrollment Trends: Elementary (K-3)

Elementary Enrollment Trends (K-3)

Data points:
- 2008-09: 970
- 2009-10: 888
- 2010-11: 823
- 2011-12: 753
- 2012-13: 694
- 2013-14: 675
- 2014-15: 662
- 2015-16: 645
- 2016-17: 648
- 2017-18: 635
- 2018-19: 627
- 2019-20: 634
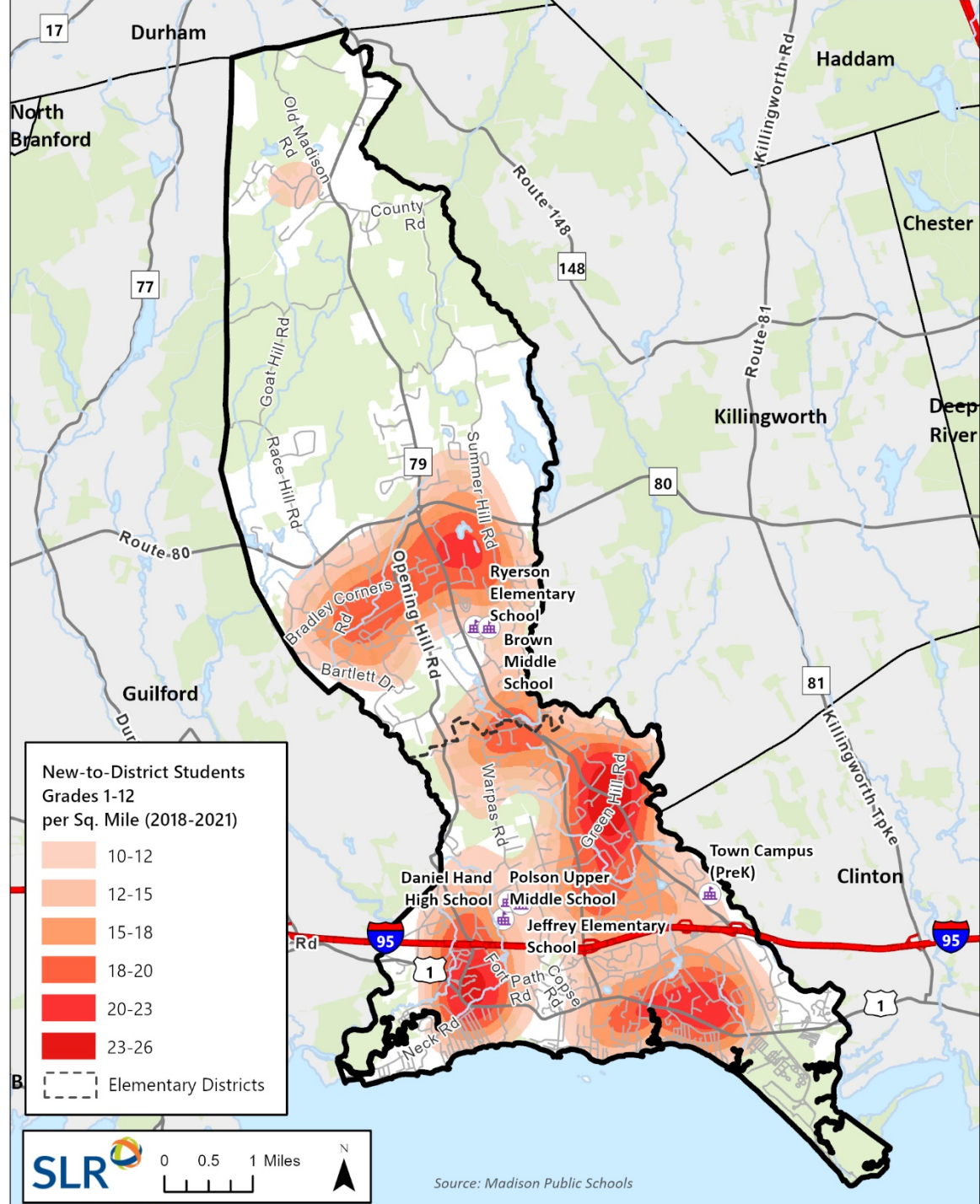- 2020-21: 602

Sources: EdSight (2008-09 to 2019-20), MPS (2020-21)

- Elementary (K-3) enrollment appears to have reached bottom before the 2020-21 pandemic dip

- Enrollment from 2015-16 to 2019-20 remained stable ranging by about 21 students over the five-year period

- Kindergarten enrollment in 2020-21 dropped by about 19 students, which is consistent with trends seen throughout the State.

New Students Hotspot

- An analysis was conducted to determine locational "hotspots" of new to district students

- New-to-District students are identified as not having their SASID in MPS during the prior year

- These students in grades 1-12 were analyzed over the past three years

- Generally, new-to-district students were found in similar areas as the recent home sales: South of I-95, the area of Green Hill Rd, and the neighborhoods south of Route 80

New-to-District Students
Grades 1-12
per Sq. Mile (2018-2021)

	10-12
	12-15
	15-18
	18-20
	20-23
	23-26
⌐ ⌐	Elementary Districts

Source: Madison Public Schools

Enrollment Projections

Projections Building Blocks

Starting Data

Critical to the overall accuracy of the projections, as each year builds upon the last.

District Projections

Town of **Madison** Births	**Historic Enrollment Trends**
Obtained from CT DPH	*Obtained from MPS and EdSight*

Individual School Projections

Town of Madison Births	**Geolocated Enrollment Data**
Obtained from CT DPH	*Obtained from MPS and address matched*

Projection Assumptions

Several projection models are developed by applying different persistency ratios to building blocks

5-Year Average	**3-Year Average**	**3-Year Weighted**	**Blended**

Demographic and Housing Data

Used to inform model selection

Unemployment (Town, Region)	**Housing Permit Activity**	**Home Sales (1-family, condos)**
Women of Child-Bearing Age + Fertility Rates	**Population Projections & Development Capacity**	

Projections Primer

Cohort Survival Method

- Based on Cohort Survival Methodology - Standard method for enrollment projections

- Methodology accepted by CSDE School Construction Projects (CGS 10-283)

- The Cohort Survival Methodology relies on **observed data from the recent past in order to predict the near future**

- Methodology works well for stable populations, including communities that are growing or declining at a steady rate

Projections Primer

Persistency Ratios

- Persistency ratios are calculated from historic enrollment data to determine growth or loss in a class as it progresses through school system.

- Persistency ratios account for the various external factors affecting enrollments, including housing characteristics, residential development, economic conditions, student transfers in and out of the system, and student mobility.

- Housing construction is accounted for in the persistency ratios.

- Persistency Ratio of 1.0 means cohort size remains the same; 1.05 means the cohort size increases by 5%, or a cohort of 100 grows to 105 the following year.

- Changes in population, housing stock and tenure, and economic conditions help explain persistency ratios.

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Projections Assumptions

These projections are predicated on the following assumptions:

- 75% of all homeschool withdrawals in will return to MPS next year;

- 50% of all private/parochial school withdrawals will return to MPS next year;

- Sixteen anticipated kindergarten students who did not enroll this year due to the pandemic (either through delayed entry or by attending private kindergarten) will return to MPS. While the split of families choosing private kindergarten versus delayed entry is unknown, we are assuming that 75% of these students will enroll in Kindergarten next year while the remaining 25% will enroll in 1st grade;

- Pre-K enrollment will return to its historic average of about 45 students;

- Housing and economic assumptions at the districtwide level will prove accurate;

- The district boundaries for each of the schools will not change during the projected time horizon;

- The recent pace of new home construction will continue. Note that multipliers have not been added to the projections due to the nature and number of new units accounted for in the base persistency ratios;

- Variable Birth-K (BK) assumptions used in each model due to fluctuating births in recent years leading into a projected increase in births for later years of projections.
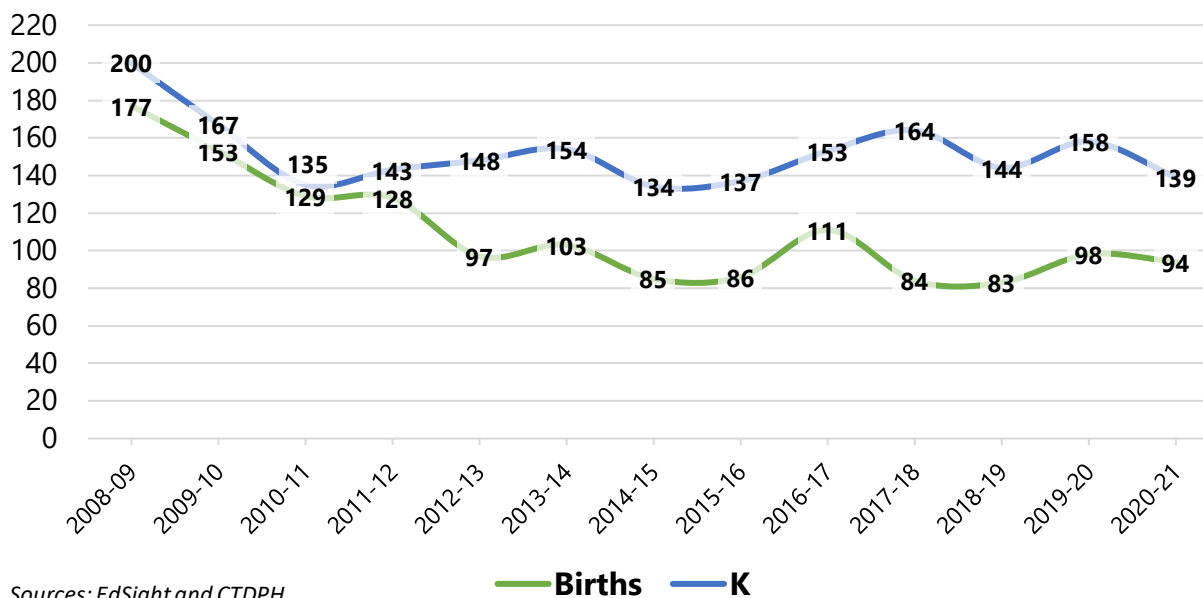
Persistency Ratios

Kindergarten through 12th Grade Persistency Ratios by School Year 2009-10 to 2020-21														
Year	Birth-K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Est. of Elem Migration
2009-10	1.0915	1.1500	1.0447	0.9791	1.0140	1.0252	1.0168	1.0000	0.9968	1.0122	0.9795	1.0224	1.0241	1.62%
2010-11	1.0465	1.1257	1.0652	0.9922	1.0556	1.0000	1.0561	1.0297	1.0301	1.0288	0.9880	1.0210	0.9812	2.57%
2011-12	1.1172	1.2074	1.0160	1.0449	1.0000	1.0283	0.9965	0.9767	1.0096	1.0097	0.9410	0.9726	0.9736	2.25%
2012-13	1.5258	1.2308	1.0245	1.0628	1.0117	1.0549	1.0394	1.0243	1.0170	1.0000	1.0064	1.0264	1.0125	3.82%
2013-14	1.4951	1.0946	1.0114	1.0838	1.0246	1.0309	1.0372	1.0152	0.9898	1.0401	1.0000	1.0224	1.0193	3.60%
2014-15	1.5765	1.1169	1.0370	1.0562	1.0387	1.0288	1.0300	1.0215	0.9963	1.0548	0.9678	0.9810	0.9969	3.98%
2015-16	1.5930	1.1194	1.0640	1.0417	1.0213	1.0798	1.0047	1.0036	0.9825	1.0150	0.9610	1.0066	0.9806	5.17%
2016-17	1.3784	1.0803	1.0667	1.0219	1.0514	1.0781	1.0246	1.0047	0.9891	1.0250	1.0074	1.0000	1.0000	5.43%
2017-18	1.9524	0.9935	1.0541	1.0188	0.9947	0.9837	1.0290	1.0433	1.0139	1.0220	1.0174	1.0147	1.0000	1.03%
2018-19	1.7349	1.0061	1.0329	1.0321	1.0491	1.0430	1.0331	0.9859	0.9862	1.0411	1.0394	0.9966	0.9928	3.96%
2019-20	1.6122	1.0139	1.0364	1.0127	1.0062	1.0175	0.9948	0.9733	1.0190	1.0000	1.0132	0.9966	0.9966	1.83%
2020-21	1.4787	0.9937	0.9863	0.9474	0.9874	1.0000	1.0000	0.9689	1.0330	1.0327	1.0187	1.0260	1.0173	-2.04%

- Estimate of migration tracks changes in grades 1-4 one year compared to grades 2-5 the following year
  - First year of negative elementary migration over past decade
- Impact of pandemic noticeable
  - Elementary out-migration experienced for the first time in recent history
  - Lower persistency ratios, especially for the elementary grades

Birth-K Persistency Ratios

**Kindergarten Classes and Births Five Years Previous**

Sources: EdSight and CTDPH

- Over the past five-years, **Birth-K persistency ratios have averaged 1.65** – or 165 kindergarteners for every 100 births 5-years prior

- **Birth-K persistency decreased to 1.47 in 2020-21, lower than last several years**

- Decrease in Kindergarteners this school year is similar to trends observed across the state. Homeschool, private kindergarten, and delayed entry all impacting this year's kindergarten class

Birth Projections



Madison Actual and Projected Births: 2008 to 2025
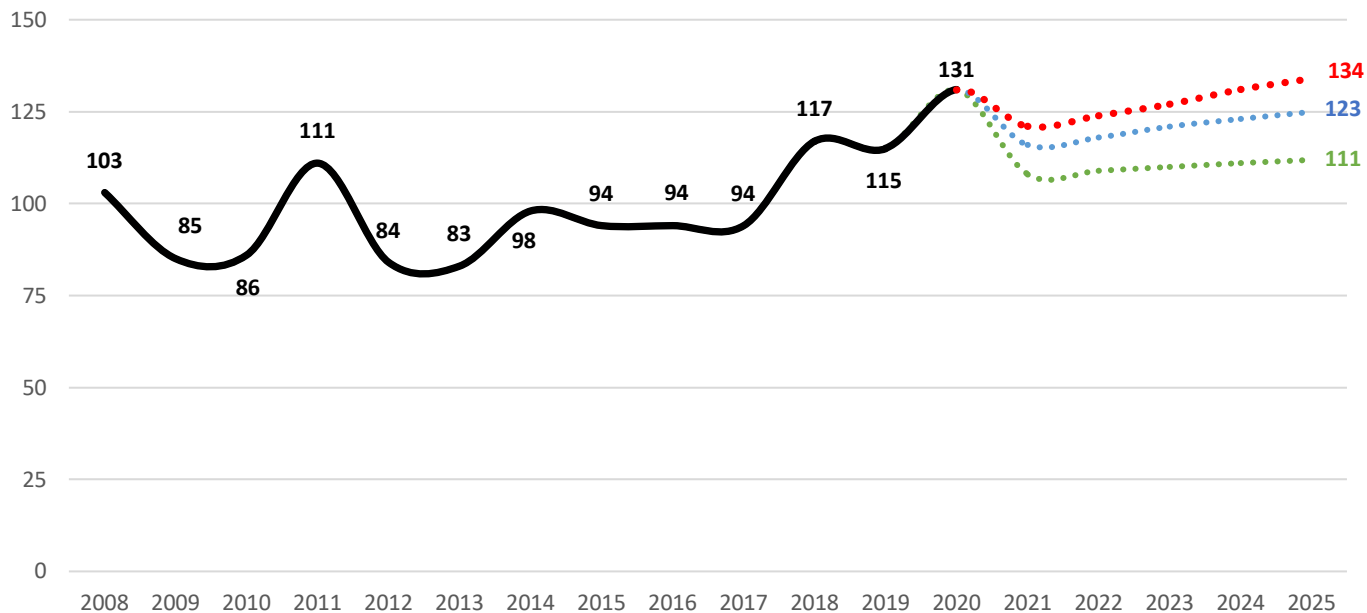
Source: Connecticut Department of Public Health; MMI Projections

- Births projected from 2021 through 2025 corresponding with projected kindergarten classes for 2026-27 through 2030-31

- Absent of Cohort level 2020 Census information, linear trends were used to project births from 2021 through 2025, ranging from 108 to 134 per year through 2025

**Madison Public Schools (PK-12) Districtwide Projections
2008-09 to 2030-31**
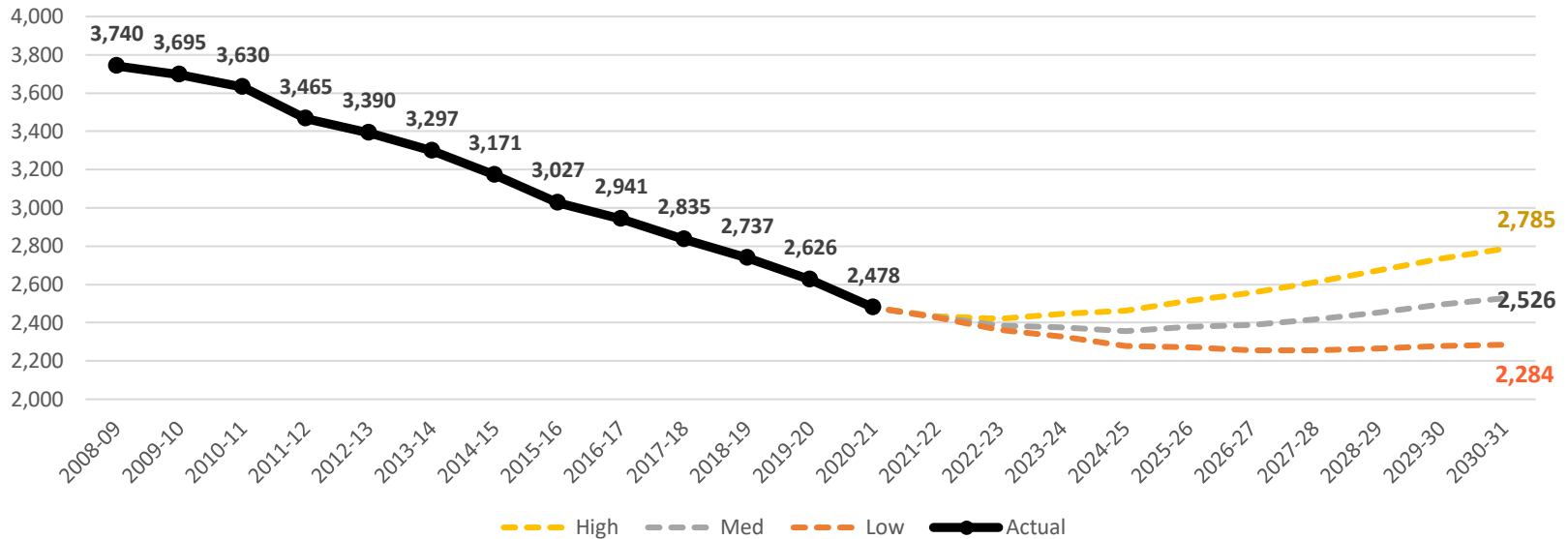
Medium projections model most closely aligns with underlying demographic, housing, and economic trends

- Medium model (recommended) assumes a moderate rate of recovery. High model would assume a more rapid recovery, while the low model assumes a prolonged recovery

- Recent changes to enrollment drivers from the pandemic bear watching. Should the current active housing market conditions continue, the High Projection Model may prove more accurate

- **Under the medium model, enrollment is projected to continue declining until 2024-25 before increasing to about 2,526 students by 2030-31**

Districtwide Projections (Medium)

Enrollment Projections, by Grade: 2020-21 to 2030-31

| Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12 Total	K-12 Total	K-3 Total	4-5 Total	6-8 Total	9-12 Total	K-5 Total
2020-21	2015	94	139	157	144	162	157	162	174	187	188	221	218	237	294	38	2,478	2,440	602	319	549	970	921
2021-22	2016	94	165	154	165	154	170	164	168	176	191	192	225	221	239	45	2,429	2,384	638	334	535	877	972
2022-23	2017	94	153	172	162	169	158	177	167	168	176	195	197	226	221	45	2,386	2,341	656	335	511	839	991
2023-24	2018	117	167	160	181	166	173	164	180	167	168	180	200	198	226	45	2,375	2,330	674	337	515	804	1,011
2024-25	2019	115	165	174	168	186	170	180	167	180	167	172	184	201	198	45	2,357	2,312	693	350	514	755	1,043
2025-26	2020	131	174	172	183	172	191	177	183	167	180	171	176	185	201	45	2,377	2,332	701	368	530	733	1,069
2026-27	2021	116	166	181	181	188	176	199	180	183	167	184	175	177	185	45	2,387	2,342	716	375	530	721	1,091
2027-28	2022	118	169	173	190	186	193	183	203	180	183	171	188	176	177	45	2,417	2,372	718	376	566	712	1,094
2028-29	2023	121	167	176	182	195	191	201	186	203	180	187	175	189	176	45	2,453	2,408	720	392	569	727	1,112
2029-30	2024	123	170	174	185	187	200	199	205	186	203	184	191	176	189	45	2,494	2,449	716	399	594	740	1,115
2030-31	2025	125	173	177	183	190	192	208	203	205	186	208	188	192	176	45	2,526	2,481	723	400	594	764	1,123

Source: SLR Projections based on variable Birth-K PRs and 3–5-year PRs omitting 2020 for grades K-8, and 3-year PRs for grades 9-12

- Districtwide Projections for Low and High Models are included in Appendix B

Elementary Projections (Medium)

Madison Public Schools Actual and Projected K-3 Enrollment
2008-09 to 2030-31

Medium projections model
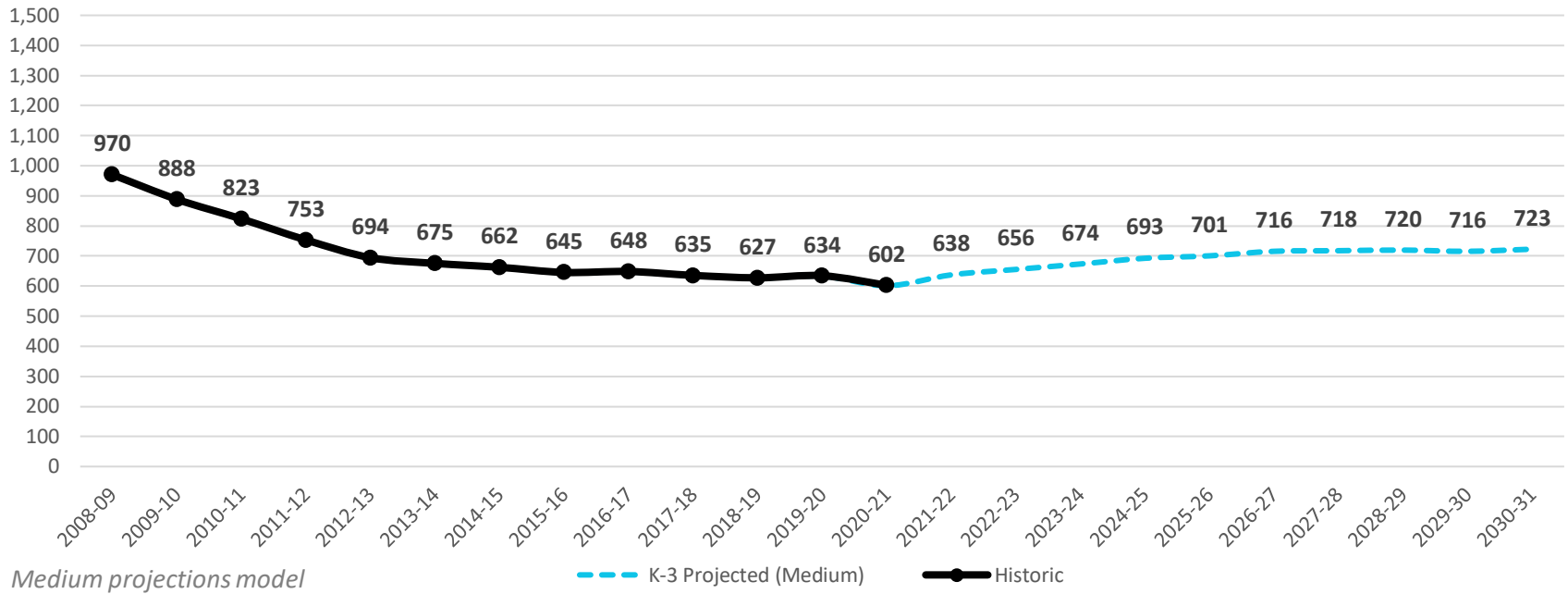
- **Enrollments projected to rebound next year as homeschool students, delayed entry students, and private school students return to MPS**

- **Projections show steady increase in elementary enrollment over the next five years as larger birth cohorts enter kindergarten**

- Elementary enrollment is projected to level off at about 720 students over the final five years of the projections

Elementary Projections (Medium)

**Historic and Projected Enrollment by School (K-3)**

School	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Jeffrey	354	362	364	351	324	347	344	365	381	385	394	393	397	394	398
Ryerson	294	273	262	283	278	291	312	309	312	316	322	325	323	322	325
Total:	**648**	**635**	**626**	**634**	**602**	**638**	**656**	**674**	**693**	**701**	**716**	**718**	**720**	**716**	**723**

- Jeffrey averages about 55% of total K-3 student share, Ryerson with remaining 45%
- Jeffrey reaches peak enrollment of 398 students in 2030-31, a 23% increase from current enrollment
- Ryerson reaches peak enrollment in 2027-28 and 2030-31 with 325 students, a 17% increase from current enrollment

Intermediate School Projections (Medium)

Madison Public Schools Actual and Projected 4-5 Enrollment
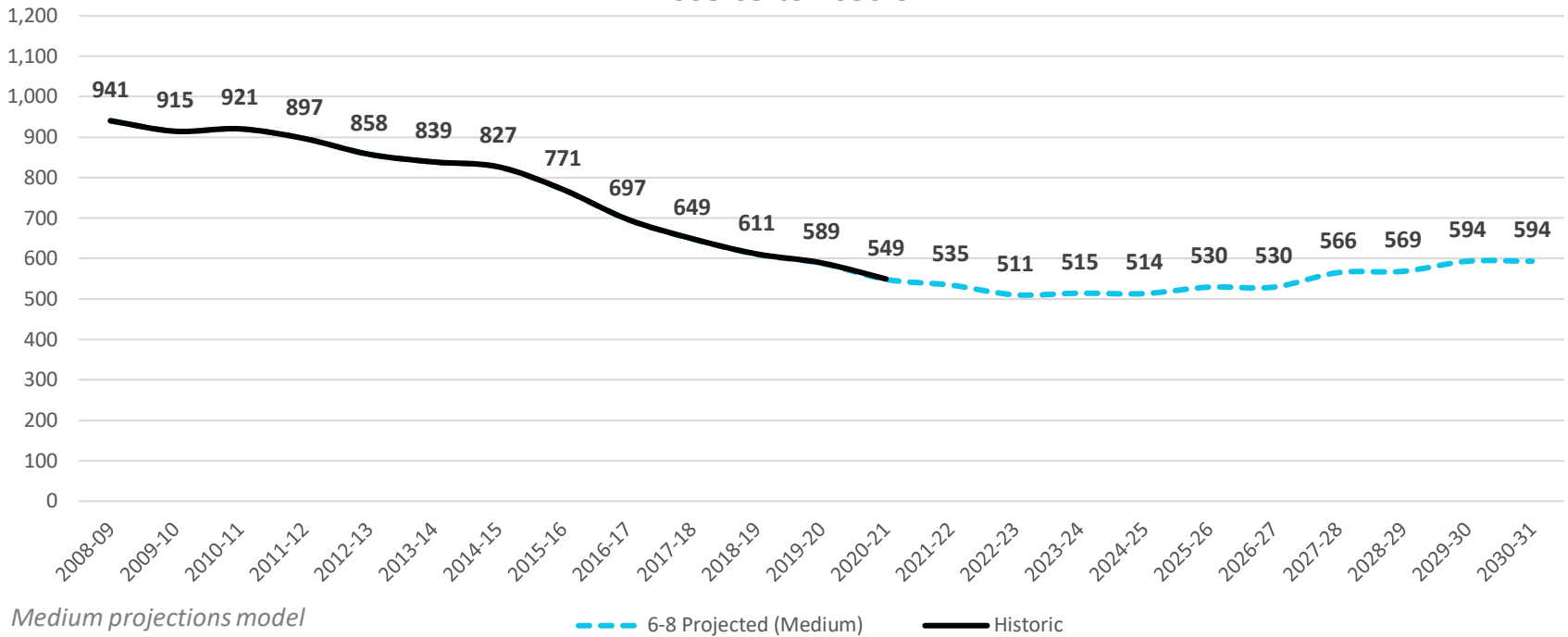**2008-09 to 2030-31**

Medium projections model

- - - 4-5 Projected (Medium) —— Historic
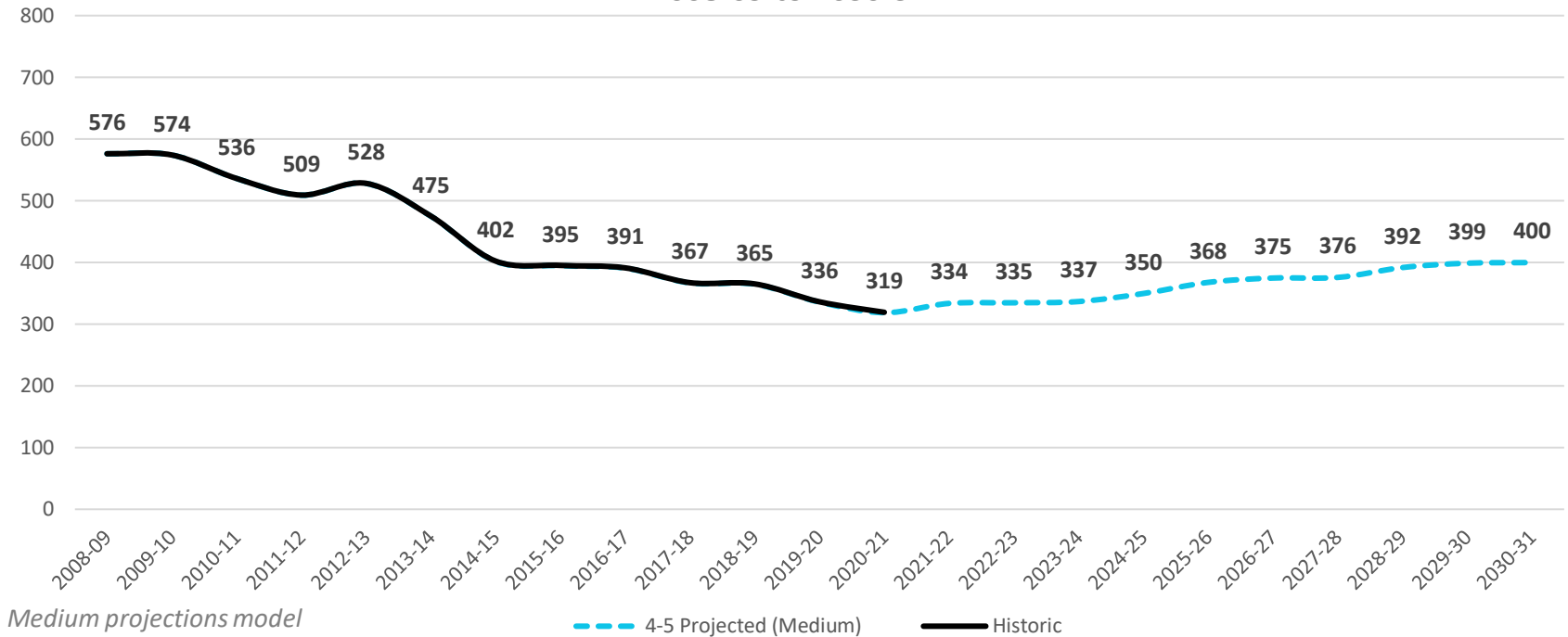
- **Brown Intermediate School enrollment projected to increase by 25.4% over the next ten years, reaching 400 students by 2030-31**

Madison Public Schools Actual and Projected 6-8 Enrollment
2008-09 to 2030-31

Medium projections model

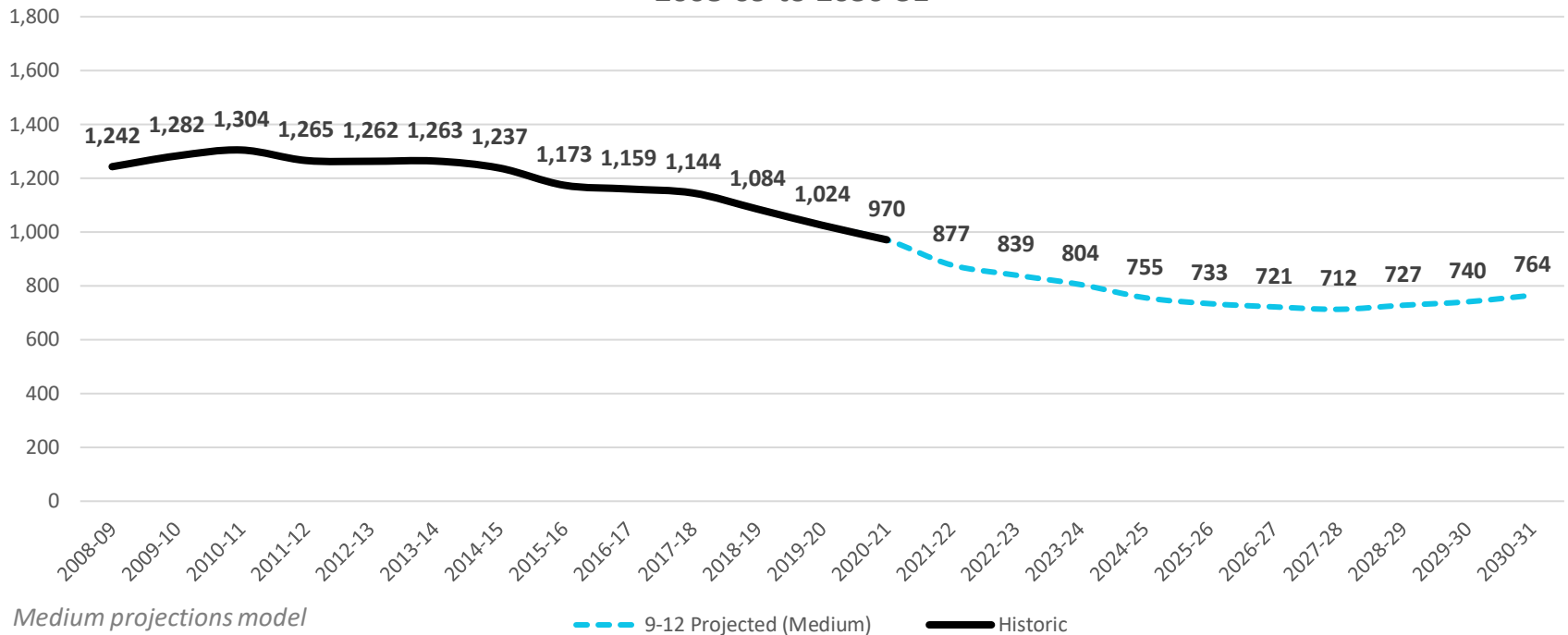Legend: 6-8 Projected (Medium) · Historic

- **Polson Middle School enrollment projected to decline by 6.4% over the next four years,** reaching 514 students by 2024-25

- **Beginning in 2025-26, Polson Middle School enrollment begins to rebound**, reaching 594 by 2030-31 students as larger elementary cohorts matriculate into 6th grade

High School Projections (Medium)

Madison Public Schools Actual and Projected 9-12 Enrollment
2008-09 to 2030-31

Historic values: 1,242 · 1,282 · 1,304 · 1,265 · 1,262 · 1,263 · 1,237 · 1,173 · 1,159 · 1,144 · 1,084 · 1,024 · 970

Projected (Medium) values: 877 · 839 · 804 · 755 · 733 · 721 · 712 · 727 · 740 · 764

Medium projections model

- - - 9-12 Projected (Medium) ——— Historic

- **Daniel Hand High school enrollments declining over the next seven years by 26.6% or 258 students**

- Rebound in high school enrollments to begin in 2028-29 as larger middle school classes begin moving up to 9th grade

Enrollment Projection Takeaways

- Based on our analysis, the Medium Projection Model reflects the most likely trajectory for future enrollment. However, recent changes to enrollment drivers from the pandemic bear watching. Should housing market activity continue at the 2020 levels, the High Projection Model may prove more accurate in the long-term

- Elementary enrollment (K-3) begins to rebound, driven by increased births from 2018-2020 and increased in-migration of families with young school aged children. K-3 enrollment projected to exceed 700 by 2025-26

- Brown Intermediate School (4-5) enrollment recovers slowly and reaches 400 students by 2030-31

- Polson Middle school is projected to bottom out around 515 students then slowly recover to just under 600 student by 2030-31

- Daniel Hand High school is projected to continue to decline as smaller grade cohorts continue to matriculate through high school. Enrollment will trough at ~720 before rebounding to ~750 students during the last 5-years of the projections

Elementary Facility Planning Projections

- MPS is in the planning stages for two elementary school construction projects

- The State of Connecticut Office of School Construction Grants and Review (OSCG&R) requires at a minimum 8-year projections at both the districtwide and individual school level for construction projects. The 8-year projection window must begin with the school year immediately preceding the grant application

- This 10-year projection report is prepared in accordance with OSCG&R requirements

- To help guide the feasibility, programming and construction planning, enrollment projections were prepared for a K-5 "north" elementary and a PreK-5 "south" elementary school

- For facility planning purposes, the K-5 enrollment was allocated evenly between the proposed elementary schools. Additionally, the PreK enrollment from TCLC was included in the "south" elementary school

- In order to achieve the desired enrollment levels, changes will need to be made to the current attendance zones to achieve roughly equal size enrollment

Elementary Facility Planning Projections

PreK-5 Scenario Elementary Schools using Districtwide Projections

	Low Projections				Medium Projections				High Projections		
	North Elem (K-5)	South Elem (PK-5)	Total (Low Proj)		North Elem (K-5)	South Elem (PK-5)	Total (Medium Proj)		North Elem (K-5)	South Elem (PK-5)	Total (High Proj)
2020-21	461	505	**966**		461	505	**966**		461	505	**966**
2021-22	485	530	**1,015**		486	531	**1,017**		488	533	**1,021**
2022-23	483	528	**1,011**		496	540	**1,036**		503	548	**1,051**
2023-24	484	528	**1,012**		506	550	**1,056**		520	565	**1,085**
2024-25	490	534	**1,024**		522	566	**1,088**		540	585	**1,125**
2025-26	495	539	**1,034**		535	579	**1,114**		558	603	**1,161**
2026-27	500	544	**1,044**		546	590	**1,136**		575	619	**1,194**
2027-28	500	545	**1,045**		547	592	**1,139**		575	619	**1,194**
2028-29	508	552	**1,060**		556	601	**1,157**		585	629	**1,214**
2029-30	509	553	**1,062**		558	602	**1,160**		586	630	**1,216**
2030-31	513	557	**1,070**		562	606	**1,168**		590	635	**1,225**

* Includes 45 Pre-K students each year at South Elem for Low, Medium and High Projections

- Using districtwide low, medium, and high projections for Grades K-5, evenly split enrollment is shown for two potential schools in the tables above.
- The Peak combined K-5 enrollment is 1,123 under the medium projection model
- With the inclusion of the TCLC Pre-K programming at the "South" Elementary school overall enrollment is increased to 1,168 PreK-5 students
- In consideration of the recent housing uptick, for facility planning purposes MPS should consider benchmarking space needs against both the medium and the high projection models above.

MILONE & MACBROOM — Now part of SLR

Appendix A:
Individual Elementary School Projections (K-3)

Individual Elementary School (K-3) Projections (Medium Model)

Madison Public Schools Elementary School Enrollment 2020-21					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	72	75	90	87	**324**
Ryerson	67	82	54	75	**278**
TOTAL	**139**	**157**	**144**	**162**	**602**

Madison Public Schools Elementary School Enrollment 2024-25					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	91	95	92	103	**381**
Ryerson	74	79	76	83	**312**
TOTAL	**165**	**174**	**168**	**186**	**693**

Madison Public Schools Elementary School Enrollment 2021-22					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	91	79	80	97	**347**
Ryerson	74	75	85	57	**291**
TOTAL	**165**	**154**	**165**	**154**	**638**

Madison Public Schools Elementary School Enrollment 2025-26					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	96	93	101	95	**385**
Ryerson	78	79	82	77	**316**
TOTAL	**174**	**172**	**183**	**172**	**701**

Madison Public Schools Elementary School Enrollment 2022-23					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	84	94	83	83	**344**
Ryerson	69	78	79	86	**312**
TOTAL	**153**	**172**	**162**	**169**	**656**

Madison Public Schools Elementary School Enrollment 2026-27					
School	**K**	**1**	**2**	**3**	**K-5th**
Jeffrey	92	99	99	104	**394**
Ryerson	74	82	82	84	**322**
TOTAL	**166**	**181**	**181**	**188**	**716**

Individual Elementary School (K-3) Projections (Medium Model)

Madison Public Schools Elementary School Enrollment 2027-28					
School	K	1	2	3	K-5th
Jeffrey	93	94	104	102	**393**
Ryerson	76	79	86	84	**325**
TOTAL	**169**	**173**	**190**	**186**	**718**

Madison Public Schools Elementary School Enrollment 2029-30					
School	K	1	2	3	K-5th
Jeffrey	94	95	102	103	**394**
Ryerson	76	79	83	84	**322**
TOTAL	**170**	**174**	**185**	**187**	**716**

Madison Public Schools Elementary School Enrollment 2028-29					
School	K	1	2	3	K-5th
Jeffrey	93	96	100	108	**397**
Ryerson	74	80	82	87	**323**
TOTAL	**167**	**176**	**182**	**195**	**720**

Madison Public Schools Elementary School Enrollment 2030-31					
School	K	1	2	3	K-5th
Jeffrey	96	96	101	105	**398**
Ryerson	77	81	82	85	**325**
TOTAL	**173**	**177**	**183**	**190**	**723**

Appendix B:
Low and High Districtwide Projections

Districtwide Projections (Low)

Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12 Total	K-12 Total	K-3 Total	4-5 Total	6-8 Total	9-12 Total	K-5 Total
2020-21	2015	94	139	157	144	162	157	162	174	187	188	221	218	237	294	38	2,478	2,440	602	319	549	970	921
2021-22	2016	94	163	154	165	154	170	164	168	176	191	192	225	221	239	45	2,427	2,382	636	334	535	877	970
2022-23	2017	94	151	164	157	165	156	173	167	167	177	194	195	228	223	45	2,362	2,317	637	329	511	840	966
2023-24	2018	117	165	152	167	157	167	159	176	166	168	180	197	197	230	45	2,326	2,281	641	326	510	804	967
2024-25	2019	115	162	166	155	167	159	170	162	175	167	171	183	199	198	45	2,279	2,234	650	329	504	751	979
2025-26	2020	131	171	163	169	155	169	162	173	161	176	170	174	185	200	45	2,273	2,228	658	331	510	729	989
2026-27	2021	108	163	172	166	169	157	172	165	172	162	179	173	176	186	45	2,257	2,212	670	329	499	714	999
2027-28	2022	109	164	164	175	166	171	160	175	164	173	165	182	175	177	45	2,256	2,211	669	331	512	699	1,000
2028-29	2023	110	166	165	167	175	168	174	163	174	165	176	168	184	176	45	2,266	2,221	673	342	502	704	1,015
2029-30	2024	111	167	167	168	167	177	171	177	162	175	168	179	170	185	45	2,278	2,233	669	348	514	702	1,017
2030-31	2025	112	169	168	170	168	169	181	174	176	163	178	171	181	171	45	2,284	2,239	675	350	513	701	1,025

Districtwide Projections (High)

Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12 Total	K-12 Total	K-3 Total	4-5 Total	6-8 Total	9-12 Total	K-5 Total
2020-21	2015	94	139	157	144	162	157	162	174	187	188	221	218	237	294	38	2,478	2,440	602	319	549	970	921
2021-22	2016	94	169	154	165	154	170	164	168	176	191	192	225	221	239	45	2,433	2,388	642	334	535	877	976
2022-23	2017	94	157	178	162	170	162	177	169	175	179	199	200	228	221	45	2,422	2,377	667	339	523	848	1,006
2023-24	2018	117	172	166	188	167	178	169	183	176	178	186	207	203	228	45	2,446	2,401	693	347	537	824	1,040
2024-25	2019	115	169	181	175	194	175	186	175	191	179	185	193	210	203	45	2,461	2,416	719	361	545	791	1,080
2025-26	2020	131	179	178	191	181	204	183	192	183	195	186	192	196	210	45	2,515	2,470	729	387	570	784	1,116
2026-27	2021	121	172	189	188	197	190	213	189	200	186	203	193	195	196	45	2,556	2,511	746	403	575	787	1,149
2027-28	2022	124	170	181	199	194	207	198	220	197	204	194	211	196	195	45	2,611	2,566	744	405	621	796	1,149
2028-29	2023	127	174	179	191	205	204	216	205	230	201	212	202	214	196	45	2,674	2,629	749	420	636	824	1,169
2029-30	2024	131	173	184	189	197	215	213	223	214	234	209	220	205	214	45	2,735	2,690	743	428	671	848	1,171
2030-31	2025	134	177	183	194	195	207	224	220	233	218	244	217	223	205	45	2,785	2,740	749	431	671	889	1,180