OWATONNA
PUBLIC SCHOOLS

Owatonna Public Schools

Owatonna, MN

Elementary Attendance Area Modeling - Versions 2B & 2C-AB 1

January 2023

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Owatonna Public Schools is undergoing a K-5 boundaries design process to address the current imbalance of attendance between the four elementary schools, other space limitations in those buildings, and disparity in neighborhood growth. The outcome of the process will determine what the next steps for the school district should be with regard to K-5 boundaries.

The School Board has approved a guiding change document (page 3) that directs this work. Over the past two months, a Design Team made up of representatives from early childhood, elementary, community education, enrollment, student information, teaching and learning, student services, special education, facilities, transportation (Owatonna Bus Company), human resources, communications, and district administration has met three times. The Design Team familiarized themselves with the guiding change document and were presented with potential design models from TeamWorks, the district's boundaries design consultant. The team then worked collaboratively to provide feedback on the models to ensure the guiding change principles were met in an acceptable manner.

Among several items, the Design Team worked to better balance current capacity and future capacity requirements with the least amount of impact to students as possible. The design models presented in this packet all meet the goals of the School Board's guiding change document.

The next step in this process is to collect feedback from the Input Team to further help design a potential model for implementation. In conjunction with the Input Team, families and staff will have the opportunity to review these draft models and will also have an opportunity to provide their feedback online.

As part of this process, the Input and Design teams will review one or two more draft models, with family and staff input opportunities, before the final recommendation is brought to the School Board for approval.

This packet includes:
- Two draft elementary attendance area models
- Data showing current and future impact to building capacities, demographic data, as well as the student impact of each model.
- An input form which will be used during the meeting on Tuesday, January 23. This form will be available to families and staff online.

Thank you for your support in this process and for sharing your input.
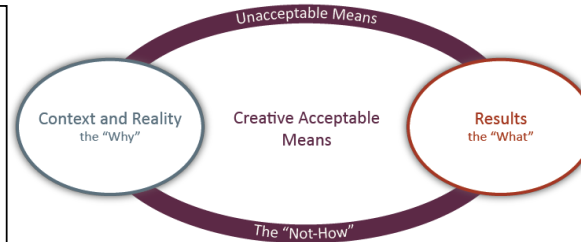
Definitions/Acronyms:
Nbd - Neighborhood
Survival cohort - number of students in a grade level who continue into the next grade level at Owatonna Public Schools
F/R lunch - free/reduced lunch
Spec ed - special ed
ELL - English Language Learners
H.H. income - Household income

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Owatonna Public Schools

**Guiding Change Document for the
2023-24 Attendance Area Development**

November 2023

The Why *Our Current Reality*	The Not How *Our Unacceptable Means of achieving the Results*	The What *Our Desired Results from Any Option*
● Inequities in resource allocation ● Unbalanced socioeconomic populations ● Facility utilization ● Early Learning Space Needs ● Reluctance by families to change schools ● Imbalanced neighborhood growth ● Lincoln Elementary is using portable classrooms ● Increased need for center-based special education program space	● Violate school board policy ● Violate State or Federal Law ● Creating systems that require frequent movement of programs (Montessori, Special Education Programs) ● Imbalance in school size ● Ignoring future growth and preparation for enrollment fluctuations ● Significant transportation cost increases	A. Balanced enrollment B. Allow for growth at sites C. Equitable facility utilization D. Options should serve both current and future needs of the district E. Balanced specialized programming and space F. Shortest bus routes possible G. Equitable access to opportunities across all schools H. Minimize disruption of boundary changes with clear communication about why changes are needed, benefits of aligning boundaries to students

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INTRODUCTION

The purpose of this report is to present a set of attendance area models for the Owatonna Public District as the district implements its facilities assessment and strategic plan over the next few years. The school district, with a total population of over 30,000 residents, serves over 5,000 students in grades EC-12, and comprises all of the city of Owatonna and much of Steele County (**Maps 1A & 1B**).
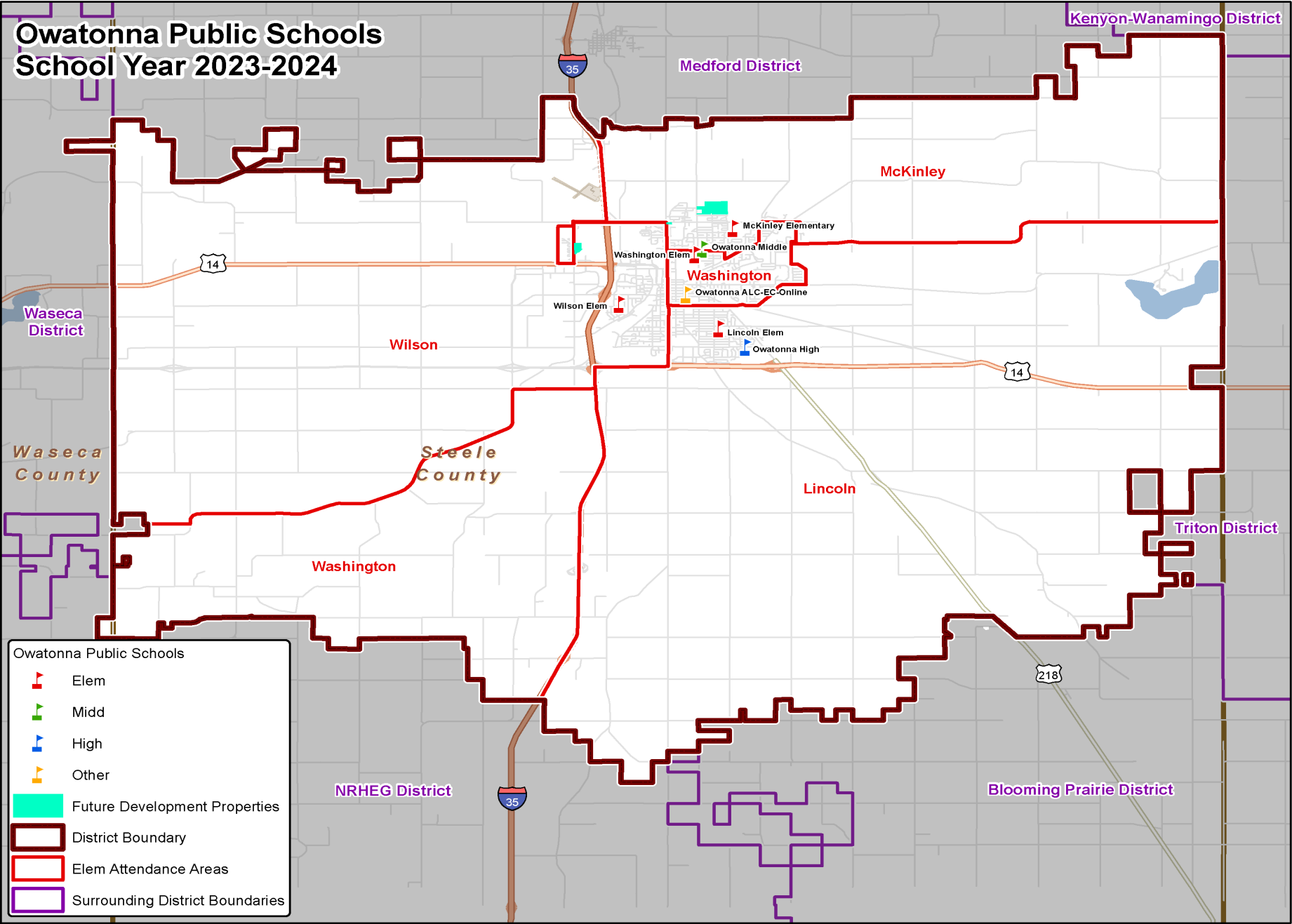
In the next 10 years it is estimated that over 450 new housing units will be built in the district – namely in the current McKinley and Wilson attendance areas. We estimate that this additional development will result in nearly 200 additional students attending Owatonna Public Schools. However, it is projected that a decline in resident births across the district will supersede any enrollment gains from new housing developments, and current enrollment figures are projected to decline.

With this in mind, the district appears to have at least three differing, yet linked areas of results of the School Attendance Area Process:

1. The need to address capacity issues in the elementary schools
2. The need to address the programming equity between schools
3. The need to balance enrollment trends between all schools

This report begins by analyzing the relationship between where current elementary special education students reside and where these students attend school.

We then present two attendance area models, Version 2B and Version 2C-AB 1 to include maps, enrollment projections, and comparison tables showing current versus estimated enrollment, facility utilization, and socioeconomic indicators.

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**Owatonna Public Schools
School Year 2023-2024**

Kenyon-Wanamingo District

Medford District

McKinley

McKinley Elementary

Owatonna Middle

Washington Elem

Washington

Owatonna ALC-EC-Online

Wilson Elem

Wilson

Lincoln Elem

Owatonna High

Waseca
District

Waseca
County

Steele
County

Lincoln

Triton District

Washington

NRHEG District

Blooming Prairie District

Owatonna Public Schools

- ⚑ Elem
- ⚑ Midd
- ⚑ High
- ⚑ Other
- Future Development Properties
- District Boundary
- Elem Attendance Areas
- Surrounding District Boundaries

Map 1A: 2023-2024 Owatonna Public School District

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**Owatonna Public Schools
School Year 2023-2024**
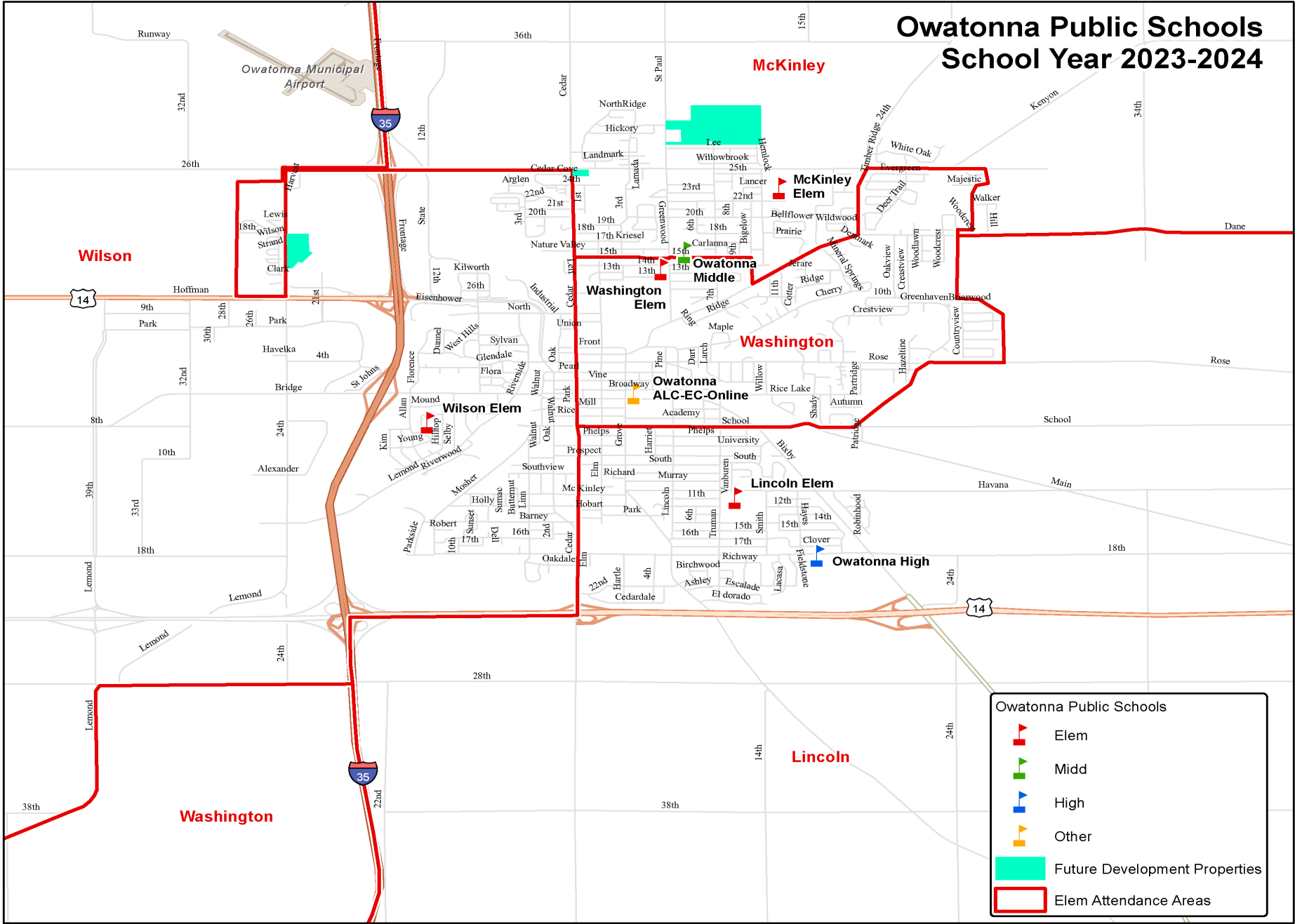
Map 1B: 2023-2024 Owatonna Public School District

CURRENT SPECIAL EDUCATION (K-5) ENROLLMENT ANALYSIS

The district wishes to gain a better understanding of the relationship between where current elementary special education students reside and where these students attend school. **Table 1** reflects the total number of elementary special education students (K-5) enrolled in Owatonna Public Schools, the attendance area in which they reside, and the school in which they are currently enrolled.

Key Findings
- 19.5% of all elementary special education students residing in the district are NOT enrolled in their neighborhood school
  - Lincoln Elementary – 19.0%
  - McKinley Elementary – 17.6%
  - Washington Elementary – 15.8%
  - Wilson Elementary – 28.9%
- 19 (4.7%) of all elementary students enrolled in the Owatonna Public School District reside out-of-district

TABLE 1: CURRENT K-5 SPECIAL ED STUDENTS RESIDENT ATTENDANCE AREA

Resident Attendance Area	School Of Enrollment					Total Special Ed Students	Total Non-Resident Special Ed Students	% Non-Resident Special Ed Students Enrolled in Nbd School
	Lincoln	McKinley	Washington	Wilson	Online			
Lincoln	94	6	10	6	0	116	22	19.0%
McKinley	2	56	9	0	1	68	12	17.6%
Washington	8	5	85	2	1	101	16	15.8%
Wilson	5	7	16	69	0	97	28	28.9%
Out-of-District	5	5	5	1	3	19	NA	NA
Total School Enrollment	**114**	**79**	**125**	**78**	**5**	**401**	**78**	**19.5%**

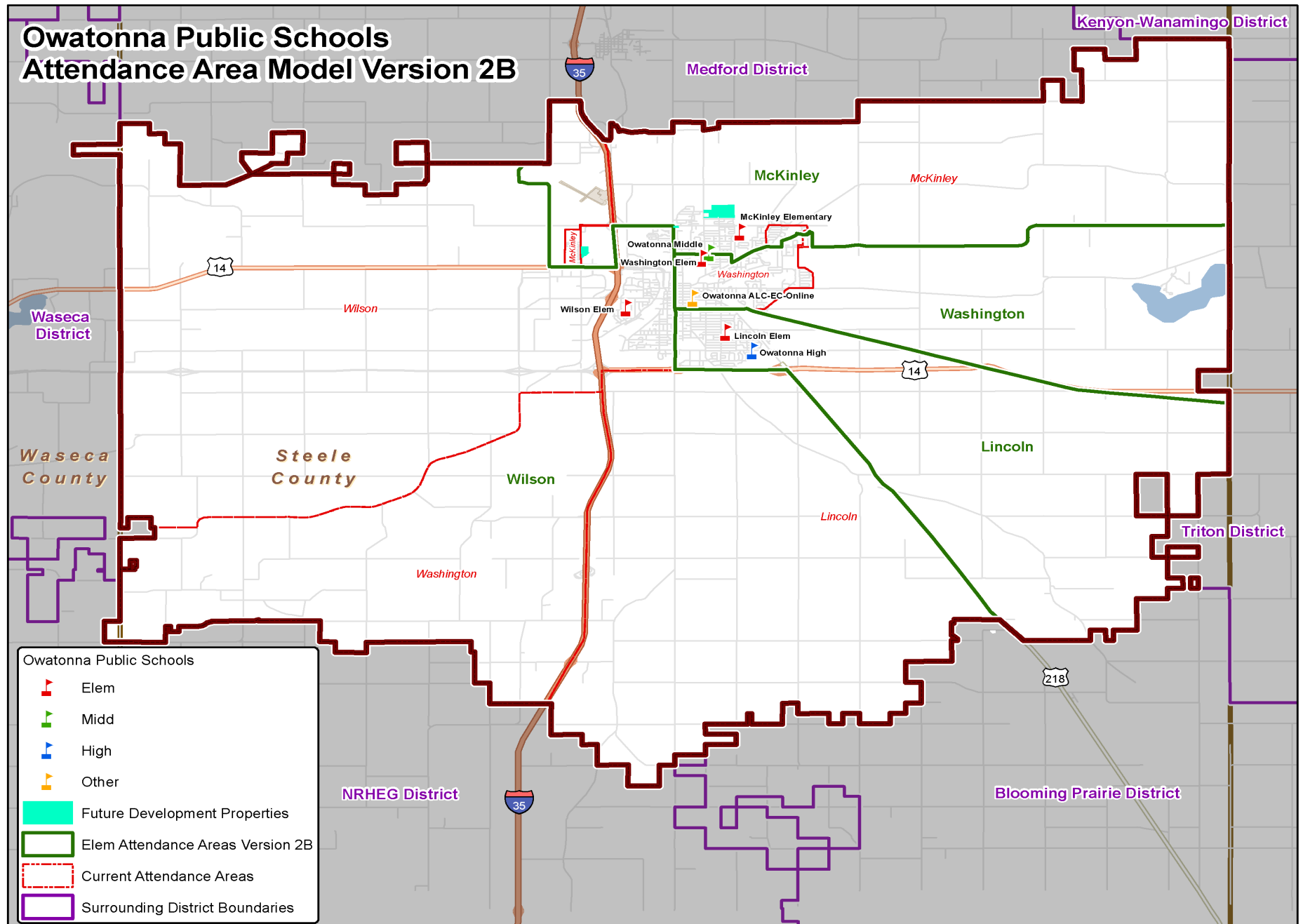TEAMWORKS
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METHODOLOGY

The following analysis presents two attendance area models and their impact on enrollment over the next 10 years. A map of the attendance area model is first shown, followed by a series of charts and graphs for each individual school. Information pertaining to schools includes 10-year enrollment projections, projected enrollment impact on facility utilization, and a socioeconomic analysis reflecting current and projected conditions.

Two different enrollment projection scenarios are presented for each school where applicable. The first scenario acts as a base for the other scenario. In the first scenario, enrollment projections for kindergarten were derived by utilizing resident birth data. Projected enrollments for grades 1 through 12 were then calculated by employing a cohort survival methodology for each grade. This scenario is labeled "Births Rates & Survival Cohort Only" in the charts below. In the second scenario, labeled "New Development Gains," we add student yield figures from new housing developments to show how new housing would impact enrollment at 100% buildout where applicable. Both models utilize the following assumptions:

- Students were assigned to schools based on the attendance area in which they reside with the exception of those currently enrolled as intra-district transfers
- Out-of-district students were assigned to schools based on current enrollment patterns
- Estimated school-age children from new developments was based on current student yield data within each attendance area
- Projected socioeconomic indicators are based on current conditions

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Elementary Attendance Area Modeling
Elementary Enrollment Trends
Model Version 2B
~123 Students Impacted

**Owatonna Public Schools
Attendance Area Model Version 2B**

Kenyon-Wanamingo District

Medford District

McKinley

McKinley

McKinley Elementary

Owatonna Middle

Washington Elem

McKinley

Washington

Owatonna ALC-EC-Online

Washington

Wilson Elem

Wilson

Lincoln Elem

Owatonna High

Waseca
District

14

Lincoln

W a s e c a
C o u n t y

S t e e l e
C o u n t y

Wilson

Lincoln

Washington

Triton District

NRHEG District

35

218

Blooming Prairie District

Owatonna Public Schools

- ⚑ Elem
- ⚑ Midd
- ⚑ High
- ⚑ Other
- ▮ Future Development Properties
- ▭ Elem Attendance Areas Version 2B
- ▭ Current Attendance Areas
- ▭ Surrounding District Boundaries

Map 2A: Attendance Area Model Version 2B

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Map 2B: Attendance Area Model Version 2B

Lincoln Elementary Student Enrollment (K-5)
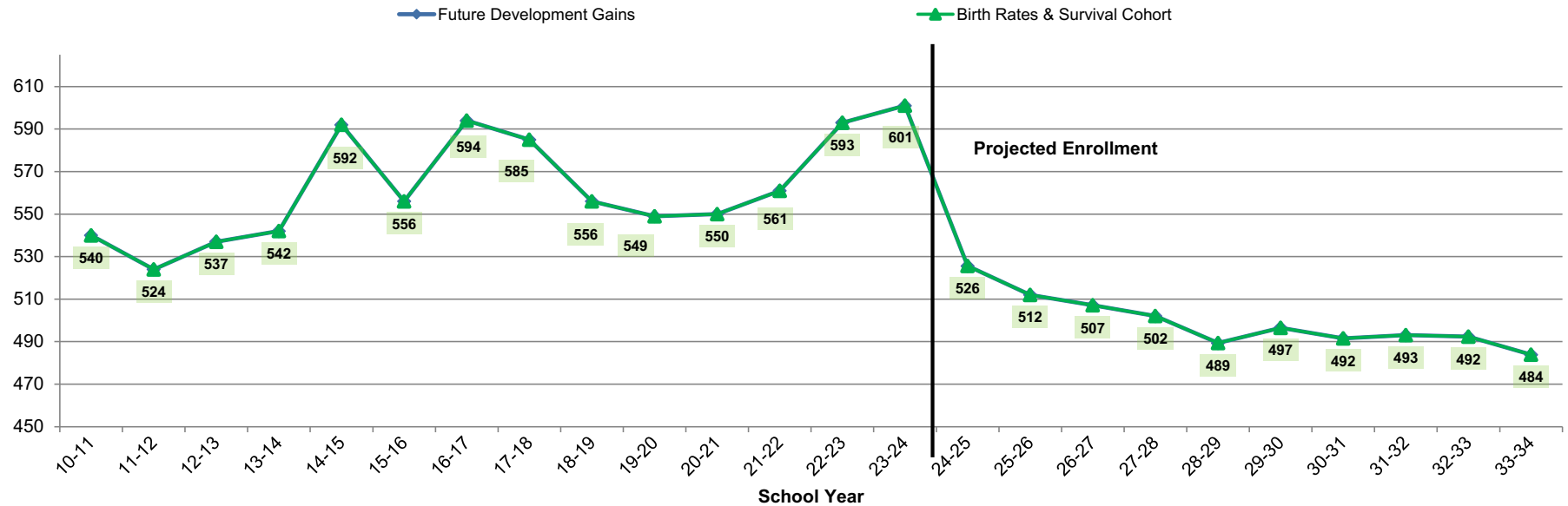
◆ Future Development Gains   ▲ Birth Rates & Survival Cohort

Projected Enrollment

	Current	Birth Rates & Survival Cohort	Development Gains
Facility Utilization (%) 2028/2029	102.9%	83.8%	83.8%
Facility Utilization (%) 2033/2034	102.9%	82.9%	82.9%
Current Capacity	584		

STUDENT SOCIOECONOMICS - CURRENT & FUTURE

	%Asian	%Black	%Hispanic	% Multi - Ethnic	% Native American	%White	%F/R Lunch	%Spec Ed	%ELL	Median H.H. Income
Current	0.0%	1.8%	11.8%	4.0%	0.0%	82.4%	35.9%	19.0%	2.2%	$84,405
Future	0.0%	2.1%	12.2%	4.0%	0.0%	81.7%	37.7%	19.0%	2.4%	$83,790
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

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McKinley Elementary Student Enrollment (K-5)

Future Development Gains — Birth Rates & Survival Cohort

Projected Enrollment
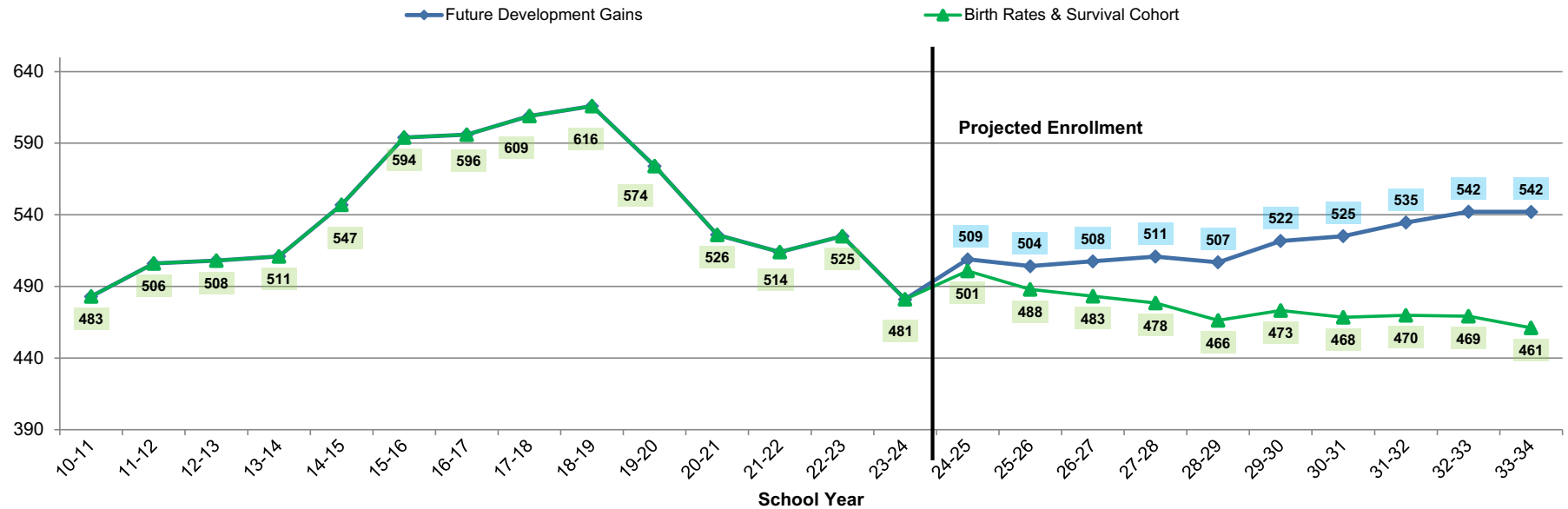
	Current	Birth Rates & Survival Cohort	Development Gains
Facility Utilization (%) 2028/2029	85.3%	82.7%	89.9%
Facility Utilization (%) 2033/2034	85.3%	81.8%	96.1%
Current Capacity	564		

STUDENT SOCIOECONOMICS - CURRENT & FUTURE

	%Asian	%Black	%Hispanic	% Multi - Ethnic	% Native American	%White	%F/R Lunch	%Spec Ed	%ELL	Median H.H. Income
Current	0.6%	15.4%	17.3%	4.0%	0.2%	62.6%	42.8%	16.4%	15.4%	$85,303
Future	0.6%	14.6%	16.8%	3.8%	0.2%	64.0%	40.5%	16.0%	14.6%	$86,874
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

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Washington Elementary Student Enrollment (K-5)

Legend: Future Development Gains — Birth Rates & Survival Cohort

School Year	Enrollment
10-11	557
11-12	526
12-13	545
13-14	548
14-15	503
15-16	458
16-17	451
17-18	464
18-19	510
19-20	507
20-21	504
21-22	537
22-23	487
23-24	475
24-25	443
25-26	432
26-27	428
27-28	424
28-29	413
29-30	419
30-31	415
31-32	416
32-33	415
33-34	408

Projected Enrollment begins at 24-25
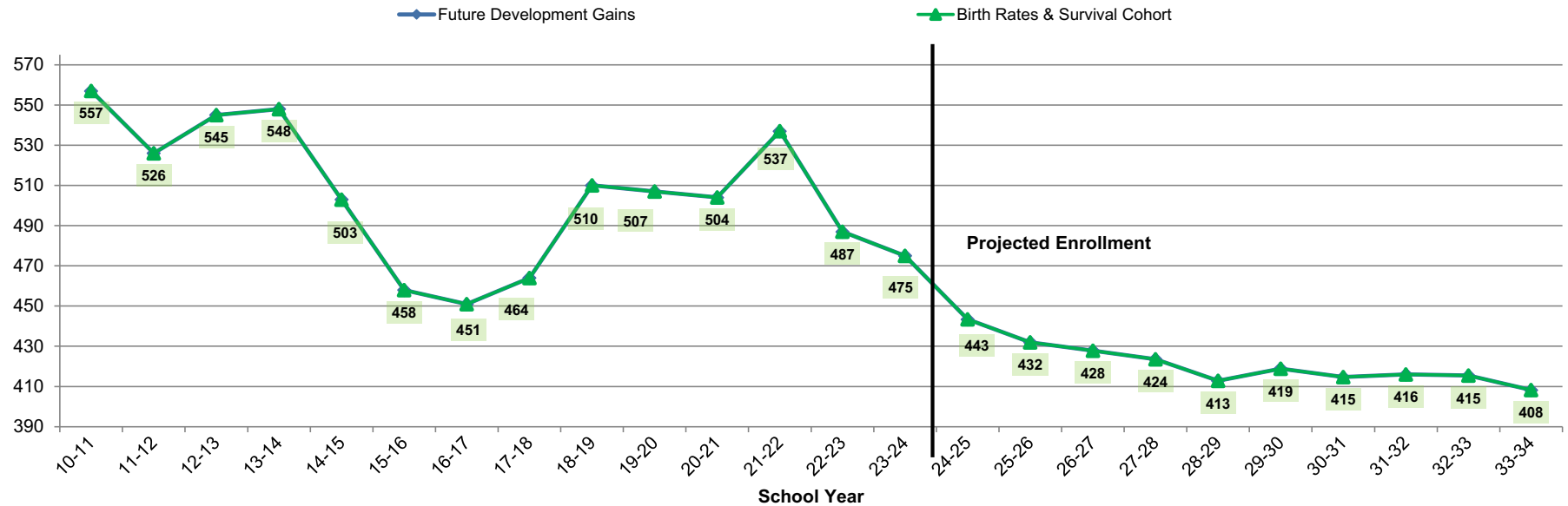
	Current	Birth Rates & Survival Cohort	Development Gains
Facility Utilization (%) 2028/2029	89.3%	77.6%	77.6%
Facility Utilization (%) 2033/2034	89.3%	76.7%	76.7%
Current Capacity	532		

STUDENT SOCIOECONOMICS - CURRENT & FUTURE

	%Asian	%Black	%Hispanic	% Multi - Ethnic	% Native American	%White	%F/R Lunch	%Spec Ed	%ELL	Median H.H. Income
Current	0.4%	3.2%	10.9%	5.5%	0.0%	79.4%	41.9%	26.3%	6.5%	$82,851
Future	0.4%	3.3%	11.8%	6.0%	0.0%	77.7%	45.1%	27.5%	6.9%	$80,823
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

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Wilson Elementary Student Enrollment (K-5)

Legend: Future Development Gains • Birth Rates & Survival Cohort

Projected Enrollment

Enrollment values by school year:
- 10-11: 521
- 11-12: 529
- 12-13: 533
- 13-14: 563
- 14-15: 604
- 15-16: 603
- 16-17: 603
- 17-18: 529
- 18-19: 478
- 19-20: 465
- 20-21: 451
- 21-22: 416
- 22-23: 426
- 23-24: 425
- 24-25: 492
- 25-26: 479
- 26-27: 475
- 27-28: 470
- 28-29: 458
- 29-30: 465
- 30-31: 460
- 31-32: 462
- 32-33: 461
- 33-34: 453

School Year
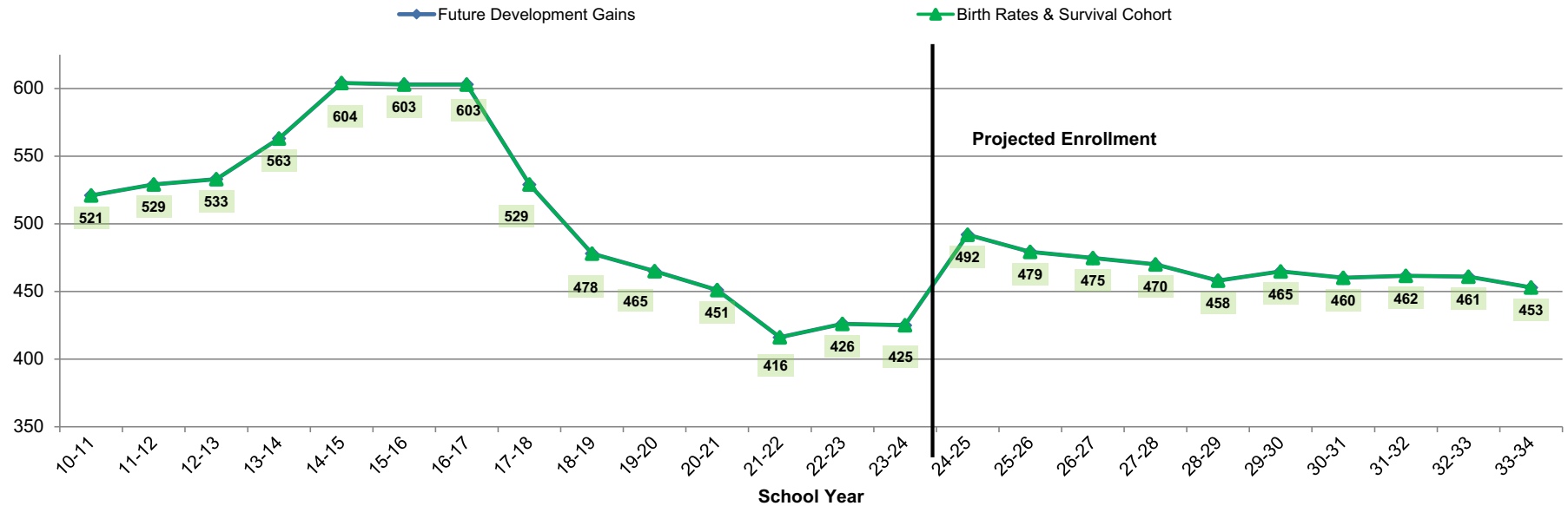
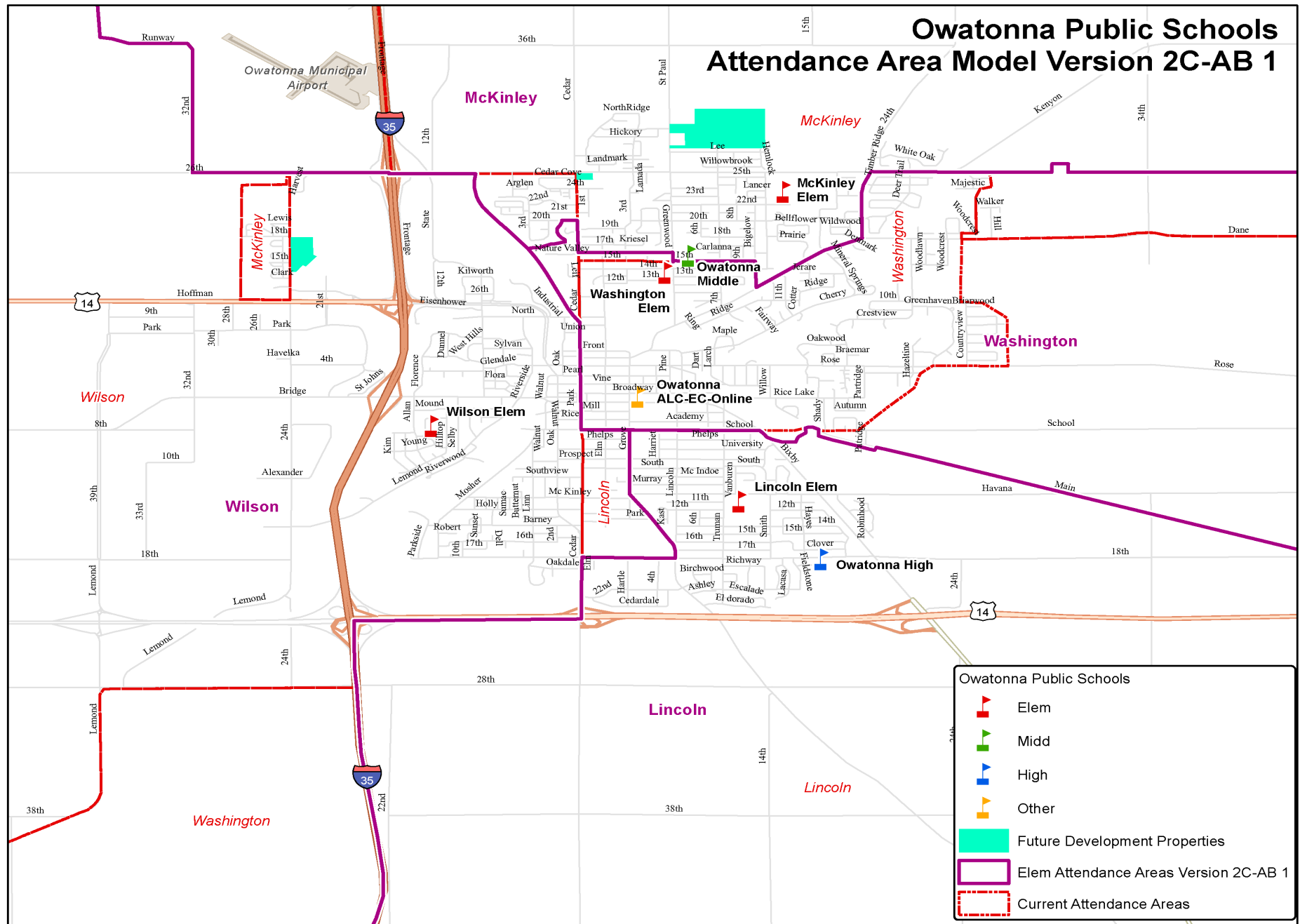|	Current	Birth Rates & Survival Cohort	Development Gains
Facility Utilization (%) 2028/2029	79.0%	85.1%	85.1%
Facility Utilization (%) 2033/2034	79.0%	84.2%	84.2%
Current Capacity	538		

STUDENT SOCIOECONOMICS - CURRENT & FUTURE

	%Asian	%Black	%Hispanic	% Multi - Ethnic	% Native American	%White	%F/R Lunch	%Spec Ed	%ELL	Median H.H. Income
Current	1.6%	10.6%	32.5%	6.4%	0.7%	47.8%	67.1%	18.4%	25.2%	$56,037
Future	1.4%	9.1%	28.4%	5.8%	0.6%	54.3%	60.2%	18.3%	21.5%	$60,902
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

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Elementary Attendance Area Modeling
Elementary Enrollment Trends
Model Version 2C-AB 1
~253 Students Impacted

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**Owatonna Public Schools
Attendance Area Model Version 2C-AB 1**

Kenyon-Wanamingo District

Medford District

McKinley

McKinley

McKinley Elementary

Owatonna Middle

Washington Elem

Washington

Washington

Owatonna ALC-EC-Online

Wilson Elem

Wilson

Lincoln

Lincoln Elem

Owatonna High

Waseca
District

Wilson

*S t e e l e
C o u n t y*

Lincoln

W a s e c a
C o u n t y

Lincoln

Triton District

Washington

Owatonna Public Schools

🚩 Elem

🚩 Midd

🚩 High

🚩 Other

Future Development Properties

Elem Attendance Areas Version 2C-AB1

Current Attendance Areas

Surrounding District Boundaries

RHEG District

Blooming Prairie District

Map 3A: Attendance Area Model Version 2C-AB 1

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Map 3B: Attendance Area Model Version 2C-AB 1

Lincoln Elementary Student Enrollment (K-5)

Future Development Gains — Birth Rates & Survival Cohort

Projected Enrollment

Data points (Birth Rates & Survival Cohort):
540, 524, 537, 542, 592, 556, 594, 585, 556, 549, 550, 561, 593, 601, 501, 488, 483, 478, 466, 473, 468, 470, 469, 461

School Year

	Current	Birth Rates & Survival Cohort	Development Gains
Facility Utilization (%) 2028/2029	102.9%	79.8%	79.8%
Facility Utilization (%) 2033/2034	102.9%	79.0%	79.0%
Current Capacity	584		

STUDENT SOCIOECONOMICS - CURRENT & FUTURE

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Current	0.0%	1.8%	11.8%	4.0%	0.0%	82.4%	35.9%	19.0%	2.2%	$84,405
Future	0.0%	2.2%	10.9%	2.0%	0.0%	85.0%	34.0%	19.6%	2.4%	$85,341
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

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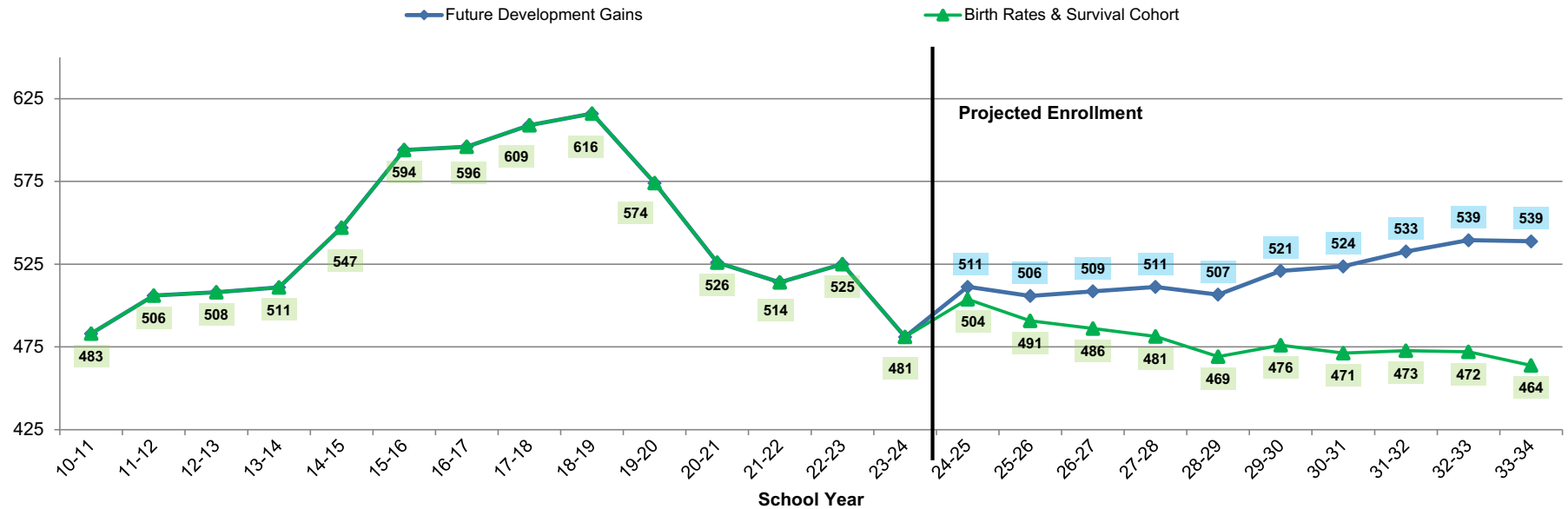
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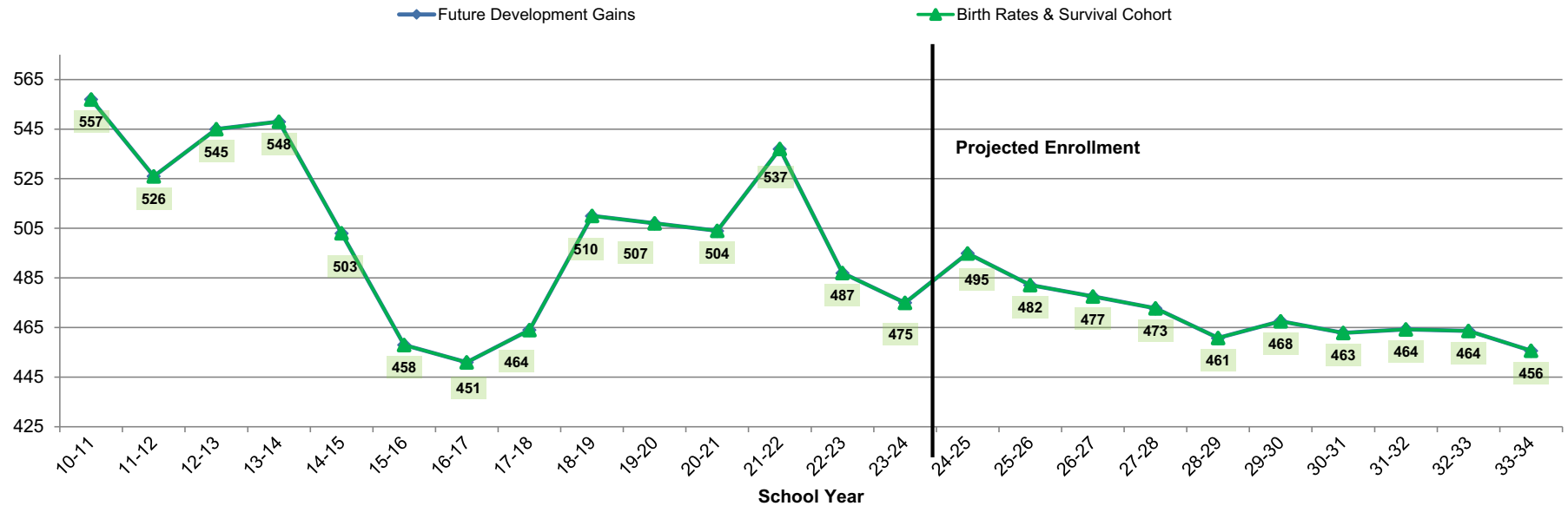
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Future	0.4%	4.8%	11.6%	5.4%	0.0%	77.2%	44.2%	26.0%	7.8%	$81,340
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

Wilson Elementary Student Enrollment (K-5)
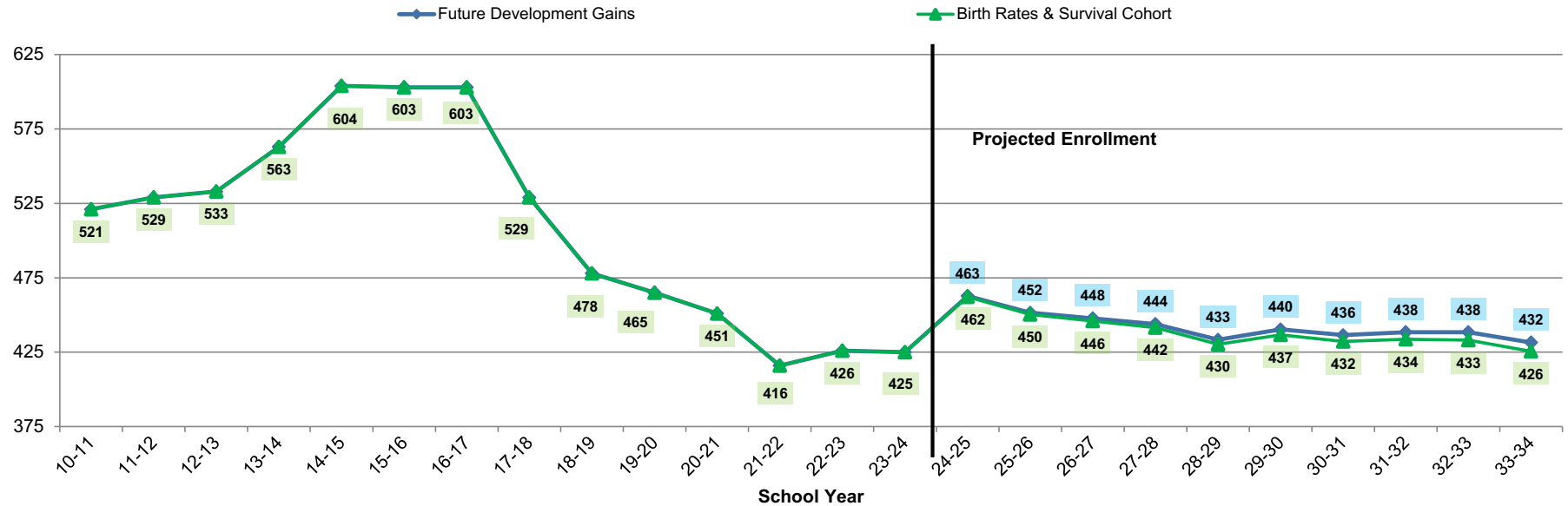
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Facility Utilization (%) 2033/2034	79.0%	79.1%	80.2%
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Future	1.5%	6.9%	28.1%	8.1%	0.6%	54.8%	61.5%	17.6%	17.1%	$62,731
District Elem	0.6%	7.4%	17.5%	4.8%	0.2%	69.4%	45.7%	20.0%	11.4%	$78,167

Input Team and Public Feedback

Model Version 2B

Strengths	Concerns
Ideas to Improve *Be as specific as possible*	

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Input Team and Public Feedback

Model Version 2C-AB 1

Strengths	Concerns
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Ideas to Improve *Be as specific as possible*
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