



MIDDLETON SCHOOL DISTRICT

Every Child Learning Every Day

**Ten Year
Student Population Projections
By Residence**

SY2022 – 2031

(Based on SY2021 Data)

Prepared by



February 9, 2022



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INTRODUCTION

The Middleton School District (MSD) has contracted with Davis Demographics (Davis) to develop and analyze demographic data relevant to the District's facility planning efforts. The scope of contracted work includes creating District mapping files, analyzing the District's past four years of geocoded student data files, developing, and researching pertinent demographic data in and around the District, identifying current and future residential development plans and preparing a ten-year student population projection.

The purpose of this report is to identify and inform the District of the demographic trends occurring within the community; how these trends may affect future student populations; and to assist the District in making facility adjustments that may be necessary to accommodate the potential student population shifts and the need for potential attendance area boundary changes and/or the construction of additional capacity.

MSD has contracted with Davis, a non-biased third-party consultant, to prepare an annual ten-year demographic study. In this study, Davis produces detailed neighborhood and attendance area population projections based on the residential address of Middleton SD students. Davis bases its projections on the belief that school facility planning is more accurate when facilities are located where the greatest number of students live or will live in the future. This study is intended to help the District notice specific demographic trends that could assist them in making informed decisions regarding long-range planning efforts.

The **Sources of Data** section details how the two sources of data, both geographic and non-geographic, are collected and used in the ten-year student population projection model.

The **Ten-Year Projection Methodology** section discusses, in detail, how the factors used in the study are calculated, and how they are used. These factors include area birthrates, and their effect on incoming kindergarten classes; the effects of student mobility within and out of the District; student yield factors, based on historic housing data and trends; and a detailed view of future residential development within the District.

The **Student Resident Projection Summary** sections offer a review of this year's student resident projection results. Included in these sections are the districtwide student population projection summary and a projected resident student population summary for each of the existing attendance areas and of the individual Study Areas from which they were calculated.

While reading this report, it is important to remember that it is based on data gathered in late 2021 and early January-2022. Because population demographics, development plans, funding opportunities and District priorities are all subject to change, it is recommended that these factors are re-evaluated on an annual basis, with new ten-year resident projections produced annually.



EXECUTIVE SUMMARY

Davis Demographics is assisting the Middleton School District to plan for future student population changes. By factoring current and historical student data with the latest demographic data and planned residential development, Davis calculates a ten-year student population projection for the District annually. These projections are based on the residence of the students and are designed to alert the District as to when and where student population shifts will occur.

Districtwide Analysis Summary:

- District had been experiencing growth until 2019 but post pandemic bounce back has occurred, and growth should be expected for the next seven years.
- New construction is expected to bring over 1500 housing units the next ten years (250 more than the previous study).
- Surrounding communities in the western parts of the Treasure Valley are continuing to experience impact from inward population shifts caused by housing pressure closer to the capital.

Elementary Schools Analysis Summary:

- Elementary school student population in Middleton SD had been growing annually since SY2013 except for a slight loss in SY2016 and then again in 2019 and 2020.
- The district is expected to experience an overall increase of approximately 250 K-5 students or about 15.5% growth by SY2028.
- The resident elementary population is expected to exceed 1,750 K-5 resident students by SY2027.

Middle Schools Analysis Summary:

- The middle school student population had been growing since SY2015 around 1-2 classrooms through 2019.
- The student population is forecasted to gain almost 100 students, or 10% growth within five years.
- The school site may reach 100% capacity next year.

High Schools Analysis Summary:

- The high school student enrollment may surpass 1,600 students by next year.
- The high school is projected to have a net increase of about 220 resident students, or 12.3% growth in SY2029.
- The high school enrollment is impacted from 11% of the students attending from outside the district boundary.

The chart, on the following page, summarizes the projected student populations from SY2019 to SY2031. More detailed information and analysis is provided in Section Five: Attendance Area Projections by Residence.

The District has provided Davis with the best available information at the time of this report. The circumstances regarding future facilities are subject to change, especially when dealing with shifts in the housing market and economy. The suggestions presented in this report are based upon the trends that the District is currently experiencing. Projections should be updated annually to make sure to capture any changes that might occur more quickly than expected.



Middleton School District SY2021/22 Demographic Report

Table 1
Projected Districtwide Resident Student Populations (SY2022 – SY2031)

Historic Resident Counts									Current	Forecasted Resident Counts									
Grade	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
K	208	236	218	206	235	267	249	236	219	242.5	251.0	259.5	261.2	266.3	269.7	271.3	270.2	270.9	271.0
1	236	220	256	244	230	267	261	226	267	237.6	263.9	273.7	280.0	278.7	281.7	284.0	281.1	279.7	279.8
2	218	263	260	276	258	252	251	250	240	280.1	252.6	279.9	287.4	290.8	287.2	289.1	286.9	283.7	281.7
3	244	235	277	276	274	272	252	242	266	254.2	296.9	270.2	295.4	299.9	301.1	296.3	293.6	291.2	287.3
4	221	270	239	282	303	283	266	221	272	272.5	263.0	305.1	276.2	298.2	300.6	300.7	291.8	289.0	286.0
5	280	233	287	251	281	295	280	256	256	290.5	292.7	284.0	324.8	292.4	312.4	313.6	309.1	299.6	296.1
6	243	292	244	295	274	291	304	269	294	272.2	310.0	314.1	303.2	340.6	305.1	324.5	321.1	316.4	306.2
7	288	262	298	260	311	283	314	288	305	317.3	293.9	334.9	337.5	323.6	358.3	320.5	335.8	332.1	326.7
8	243	296	267	305	276	324	289	320	327	326.4	344.4	318.1	359.3	359.2	343.0	376.4	332.9	348.3	343.8
9	268	260	315	296	315	290	345	304	360	354.1	356.1	374.7	345.7	385.2	383.4	365.2	395.5	349.6	365.2
10	249	269	258	310	300	317	297	346	335	376.6	373.3	375.7	392.3	360.2	398.0	393.7	370.5	401.4	354.5
11	231	244	269	257	318	291	321	309	346	346.6	389.7	387.0	387.5	400.7	366.7	403.2	395.0	371.7	401.8
12	216	221	233	253	234	292	266	321	313	344.9	347.4	389.7	384.6	382.4	393.7	359.1	390.2	382.7	359.7
Resident Student Totals by Grade Configuration																			
K-5	1,407	1,457	1,537	1,535	1,581	1,636	1,559	1,431	1,520	1,577.4	1,620.1	1,672.4	1,725.0	1,726.3	1,752.7	1,755.0	1,732.7	1,714.1	1,701.9
6-8	774	850	809	860	861	898	907	877	926	915.9	948.3	967.1	1,000.0	1,023.4	1,006.4	1,021.4	989.8	996.8	976.7
9-12	964	994	1,075	1,116	1,167	1,190	1,229	1,280	1,354	1,422.2	1,466.5	1,527.1	1,510.1	1,528.5	1,541.8	1,521.2	1,551.2	1,505.4	1,481.2
K-12	3,145	3,301	3,421	3,511	3,643	3,724	3,695	3,588	3,800	3,915.5	4,034.9	4,166.6	4,235.1	4,278.2	4,300.9	4,297.6	4,273.7	4,216.3	4,159.8
Non-Resident Students																			
K-5	181	173	162	159	155	139	139	145	138	143.2	147.1	151.8	156.6	156.7	159.1	159.3	157.3	155.6	154.5
6-8	94	110	110	106	109	95	97	88	77	76.2	78.9	80.4	83.2	85.1	83.7	84.9	82.3	82.9	81.2
9-12	205	206	187	159	169	149	159	184	170	178.6	184.1	191.7	189.6	191.9	193.6	191.0	194.8	189.0	186.0
K-12	480	489	459	424	433	383	395	417	385	397.9	410.1	424.0	429.4	433.7	436.4	435.3	434.4	427.5	421.7
Total Enrollment*																			
K-5	1,588	1,630	1,699	1,694	1,736	1,775	1,698	1,576	1,658	1,720.6	1,767.2	1,824.2	1,881.6	1,883.0	1,911.8	1,914.3	1,890.0	1,869.7	1,856.4
6-8	868	960	919	966	970	993	1,004	965	1,003	992.1	1,027.2	1,047.5	1,083.2	1,108.5	1,090.1	1,106.3	1,072.1	1,079.7	1,057.9
9-12	1,169	1,200	1,262	1,275	1,336	1,339	1,388	1,464	1,524	1,600.8	1,650.6	1,718.8	1,699.7	1,720.4	1,735.4	1,712.2	1,746.0	1,694.4	1,667.2
K-12	3,625	3,790	3,880	3,935	4,042	4,107	4,090	4,005	4,185	4,313.4	4,445.0	4,590.6	4,664.5	4,711.9	4,737.3	4,732.9	4,708.1	4,643.8	4,581.5
Annual Change																			
K-5 Difference	42	69	-5	42	39	-77	-122	82	82	62.6	46.6	57.0	57.4	1.4	28.8	2.5	-24.3	-20.3	-13.3
6-8 Difference	92	-41	47	4	23	11	-39	38	38	-10.9	35.1	20.4	35.6	25.3	-18.4	16.2	-34.2	7.6	-21.8
9-12 Difference	31	62	13	61	3	49	76	60	60	76.8	49.9	68.2	-19.1	20.7	15.0	-23.2	33.8	-51.6	-27.2
K-12 Difference	165	90	55	107	65	-17	-85	180	180	128.4	131.5	145.6	73.9	47.5	25.4	-4.4	-24.8	-64.3	-62.3



SECTION ONE: METHODOLOGY

SOURCES OF DATA

A. Geographic Map Data

Five geographic data layers were modified or created for use in the ten-year student population projections:

1. Street Centerline Database / Address Points
2. Study Areas
3. Schools
4. Middleton SD Students – Historic and Current
5. Planned Residential Development

1) Street Centerline Data / Address Points

The main function of this data file is in the geocoding process of the student data. The geocoding process places a point on the map for every student in the exact location that student resides. Each student is geocoded to the streets by their given residence address. This enables Davis to analyze student data in a geographic manner.

2) Study Areas

Study Areas are small geographic areas, similar to neighborhoods or portions of neighborhoods, and are the building blocks of school district attendance areas. Study Areas are geographically defined following logical boundaries of the neighborhood such as freeways, streets, railroad tracks, or green space. Every Study Area is coded with the school code of the elementary, middle, and high school's attendance area into which it falls. By gathering information about the District at the Study Area level, Davis and the District can closely monitor growth and demographic trends regions and identify potential need for boundary or facility adjustments. Currently, 473 Study Areas make up the Middleton SD boundary.

3) Schools

School facility information including school name, address, unique identifying code, grade ranges, and permanent capacity were provided to Davis by District staff.

4) Student Data

a. Historic Student Data - Historic population data is used to compare past student population trends as well as the effects of mobility (student movement in or out of existing housing) throughout the District. The District provided the last four years of student data (SY2018 - SY2021) to serve as the basis for calculating Student Mobility Factors.

b. Current Student Data - A student data file representing student membership on the first ISEE reporting (October 2021) was provided to Davis by District staff. This data was summarized by grade level and each student was located by residential address to identify current Study Area populations. This data is used as a base for student population projections. The projections run each of the next ten years from SY2022 through SY2031.

c. Student Accounting - The Student Accounting Summary (Table 2) indicates a snapshot of October 2021 ISEE report, and the number of students used in the ten-year student population projections. The projection model is based on student residence, and typically excludes *students residing outside of the District's boundaries* and *Pre-Kindergarten students*. The following pages provide the signed student verification forms and ancillary information regarding the changes from the last several years as determined by district provided information.



Middleton School District SY2021/22 Demographic Report

Table 2
Student Verification



Student Data Verification Form Current SY 2021 - 2022

District: Middleton SD
 To: Lisa Pennington
 Email: LPennington@msd134.org
 From: Jasmine Berganza
 Email: jberganza@davisdemographics.com

Date Received	11/9/2021
Date Processed	11/9/2021
Initial	Date of Data (Fall Snapshot)
File Name	Fall 2021 (1).xlsx
Student Records	4,218
Valid Address Fields	4,210
*PO Boxes	0
*Invalid/Empty Address Fields	8
*Will not be geocoded	

Data Fields in File:	
The following fields are included in the file. If additional fields are necessary to correctly identify students in various categories or programs for boundary planning or other types of analysis deemed important by the District, immediately notify Davis Demographics and send a new complete student data file with the added fields. PLEASE SEND A LIST OF VALUES (Data Dictionary) FOR EACH FIELD.	
stateid	504
otherid	LEP
LastName	Language
FirstName	Title1
Gender	ResDistrict
Fed Race N: As Of 10/01/2020 - 11/04/2020	
Fed Race Asian	
Fed Race AmIndAKNat	
Fed Race Black	
Fed Race White	
FedRace	
SchoolID	
F1 F1Address	
F1 F1City	
F1 F1State	
F1 F1Zip	
Grade	
GradYear	
LunchCode	
GT	
Advance	
SpecEd	

Attribute Details

Grade	# of Records
PK	33
KG	241
1	291
2	258
3	287
4	291
5	290
6	315
7	326
8	362
9	397
10	381
11	389
12	357
Total	4,218

SchoolID	# of Records
Purple Sage ES (101)	464
Heights (102)	498
Mill Creek ES (103)	729
Middleton HS (401)	1,377
Middleton MS (601)	1,003
Atlas Middleton Academy (777)	147
Total	4,218

Gender	# of Records
F	2,039
M	2,179
Total	4,218

SpecEd	# of Records
N	3,673
Y	545
Total	4,218

LunchCode	# of Records
D	552
F	75
N	581
P	2,977
R	33
(blank)	
Total	4,218

LEP	# of Records
N	4,080
Y	138
Total	4,218

504	# of Records
N	4,028
Y	190
Total	4,218

Language	# of Records
English	4,016
Spanish	189
Swahili	3
German	3
Ukrainian	2
Dutch	1
Filipino	1
American Sign L	1
Portuguese	1
Norw Bok	1
(blank)	
Total	4,218

Title1	# of Records
N	1,514
Y	2,704
Total	4,218

IMPORTANT! PLEASE READ CAREFULLY, COMPLETE AND SIGN

The District acknowledges by signature below that the above numbers accurately reflect the enrollment of the District as of the annual fall reporting date. In addition, the District represents that the fields included with the file, as listed above, are the only fields necessary to identify any students the District deems important for all anticipated types of boundary planning and analysis. **Davis Demographics will be basing its project work on this file. If errors are later found to exist in the file or if important fields are not included, additional fees may be required by Davis Demographics to correct any inaccuracies and the project timeline may need to be extended.**

Signature: *Lisa Pennington*
 Printed Name: Lisa Pennington

Date: 11/11/21
 Title: Assistant Superintendent

We will proceed with this file once this form has been returned signed. Time is of the essence, but accuracy is more important. Please contact us with any questions ASAP. Thank you!



Student Data Verification Form
Current SY 2020 - 2021

District: Middleton SD
To: Lisa Pennington
Email: L.Pennington@msd134.org
From: Jasmine Berganza
Email: jberganza@davisdemographics.com

Attribute Details

Table with 2 columns: Attribute, Value. Includes Date Received (11/10/2021), Date Processed (11/11/2021), File Name (Fall 2020 (2).xlsx), Student Records (4,064), Valid Address Fields (4,056), *PO Boxes (0), *Invalid/Empty Address Fields (8).

Table with 2 columns: Grade, # of Records. Lists grades from PK to 12 with corresponding record counts, totaling 4,064.

Table with 2 columns: SchoolID, # of Records. Lists schools like Purple Sage ES (101) and Heights (102) with record counts, totaling 4,064.

Table with 2 columns: LunchCode, # of Records. Lists lunch codes D, F, N, P, R, (blank) with record counts, totaling 4,064.

Table with 2 columns: SpecEd, # of Records. Lists SpecEd categories N and Y with record counts, totaling 4,064.

Table with 2 columns: LEP, # of Records. Lists LEP categories N and Y with record counts, totaling 4,064.

Table with 2 columns: 504, # of Records. Lists 504 categories N and Y with record counts, totaling 4,064.

Table with 2 columns: Language, # of Records. Lists languages like English, Spanish, Bosnian, Swahili, Turkish, Ukrainian, Filipino, American Sign L, Portuguese with record counts, totaling 4,064.

Table with 2 columns: Title1, # of Records. Lists Title1 categories N and Y with record counts, totaling 4,064.

Data Fields In File: List of fields included in the file, such as stateid, otherid, LastName, Language, FirstName, Title1, Gender, ResDistrict, Fed Race N: As Of 10/01/2020 - 11/04/2020, Fed Race Asian, Fed Race AmIndAKNat, Fed Race Black, Fed Race White, FedRace, SchoolID, F1 F1Address, F1 F1City, F1 F1State, F1 F1Zip, Grade, GradYear, LunchCode, GT, Advance, SpecEd.

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Signature: Lisa Pennington, Date: 11/11/21, Title: Assistant Superintendent

We will proceed with this file once this form has been returned signed. Time is of the essence, but accuracy is more important. Please contact us with any questions ASAP. Thank you!



Student Data Verification Form
Historical Data SY 2019 - 2020

District: Middleton SD
 To: Lisa Pennington
 Email: LPennington@msd134.org
 From: Jasmine Berganza
 Email: jberganza@davisdemographics.com

Attribute Details

Date Received	11/9/2021
Date Processed	11/9/2021
Initial	Date of Data (Fall Snapshot)
File Name	Fall 2019 (1).xlsx
Student Records	4,145
Valid Address Fields	4,131
*PO Boxes	0
*Invalid/Empty Address Fields	14
*Will not be geocoded	

Data Fields In File:	
The following fields are included in the file. If additional fields are necessary to correctly identify students in various categories or programs for boundary planning or other types of analysis deemed important by the District, immediately notify Davis Demographics and send a new complete student data file with the added fields. PLEASE SEND A LIST OF VALUES (Data Dictionary) FOR EACH FIELD.	
stateid	504
otherid	LEP
LastName	Language
FirstName	Title1
Gender	ResDistrict
Fed Race N:	As Of 10/01/2019 - 11/04/2019
Fed Race Asian	
Fed Race AmIndAKNat	
Fed Race Black	
Fed Race White	
FedRace	
SchoolID	
F1 F1Address	
F1 F1City	
F1 F1State	
F1 F1Zip	
Grade	
GradYear	
LunchCode	
GT	
Advance	
SpecEd	

Grade	# of Records
PK	55
K	267
1	280
2	269
3	293
4	288
5	301
6	332
7	342
8	330
9	380
10	335
11	368
12	305
Total	4,145

SchoolID	# of Records
Purple Sage ES (101)	495
Heights (102)	552
Mill Creek ES (103)	707
Middleton HS (401)	1,301
Middleton MS (601)	1,003
Atlas Middleton Academy (777)	87
Total	4,145

Gender	# of Records
F	1,998
FEMALE	1
M	2,145
MALE	1
Total	4,145

SpecEd	# of Records
N	3,659
Y	486
Total	4,145

LEP	# of Records
N	4,022
Y	123
Total	4,145

LunchCode	# of Records
D	648
F	108
N	39
P	3,262
R	87
(blank)	1
Total	4,145


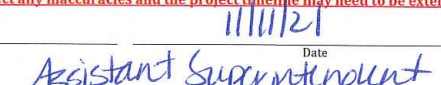
504	# of Records
N	3,945
Y	200
Total	4,145

Language	# of Records
English	3,974
Spanish	159
(blank)	5
Russian	3
Bosnian	1
Ukrainian	1
Filipino	1
Turkish	1
Total	4,145

Title1	# of Records
N	1,287
Y	2,858
Total	4,145

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The District acknowledges by signature below that the above numbers accurately reflect the enrollment of the District as of the annual fall reporting date. In addition, the District represents that the fields included with the file, as listed above, are the only fields necessary to identify any students the District deems important for all anticipated types of boundary planning and analysis. **Davis Demographics will be basing its project work on this file. If errors are later found to exist in the file or if important fields are not included, additional fees may be required by Davis Demographics to correct any inaccuracies and the project timeline may need to be extended.**

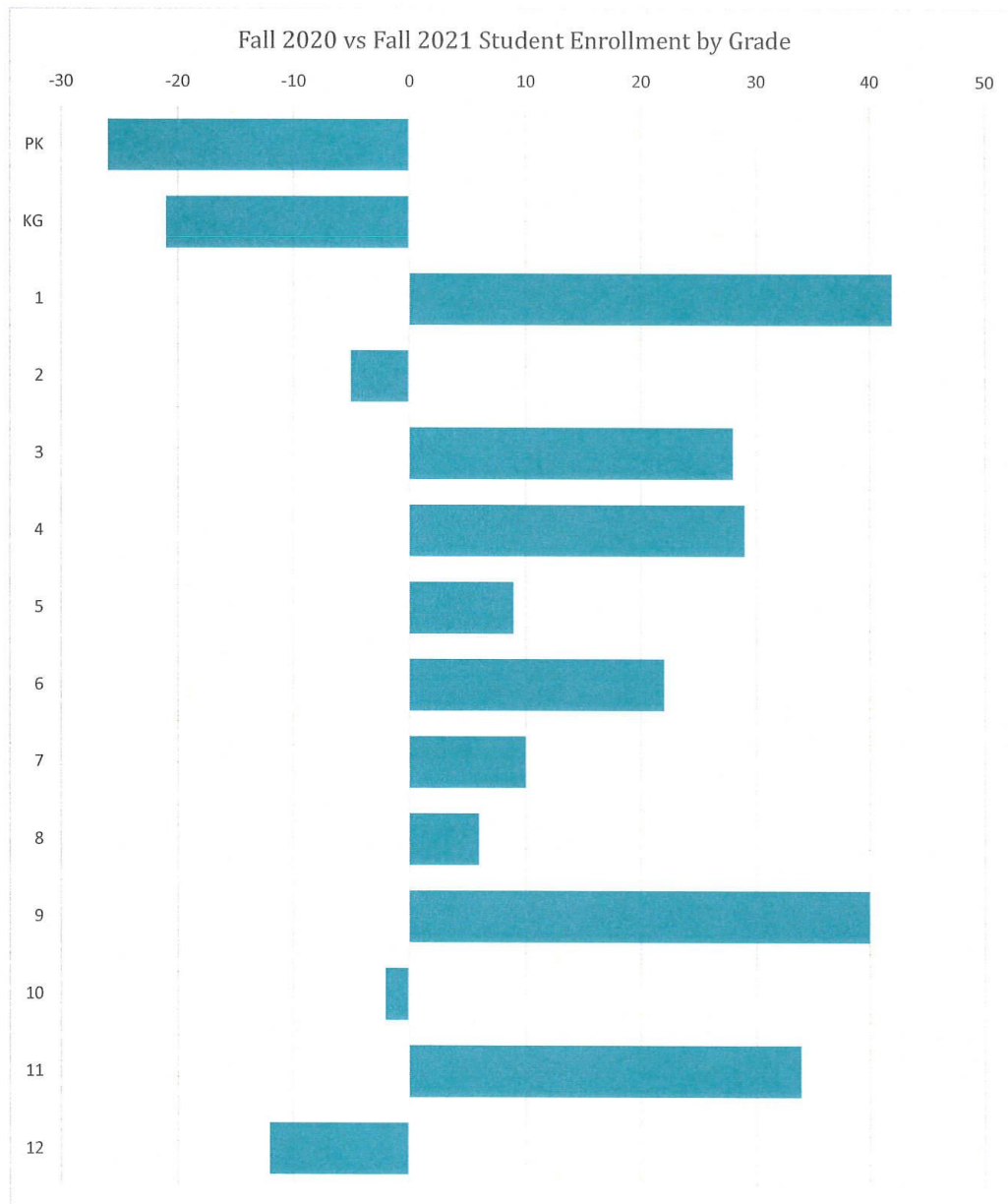


 Signature Date
 Lisa Pennington Assistant Superintendent
 Printed Name Title

We will proceed with this file once this form has been returned signed. Time is of the essence, but accuracy is more important. Please contact us with any questions ASAP. Thank you!



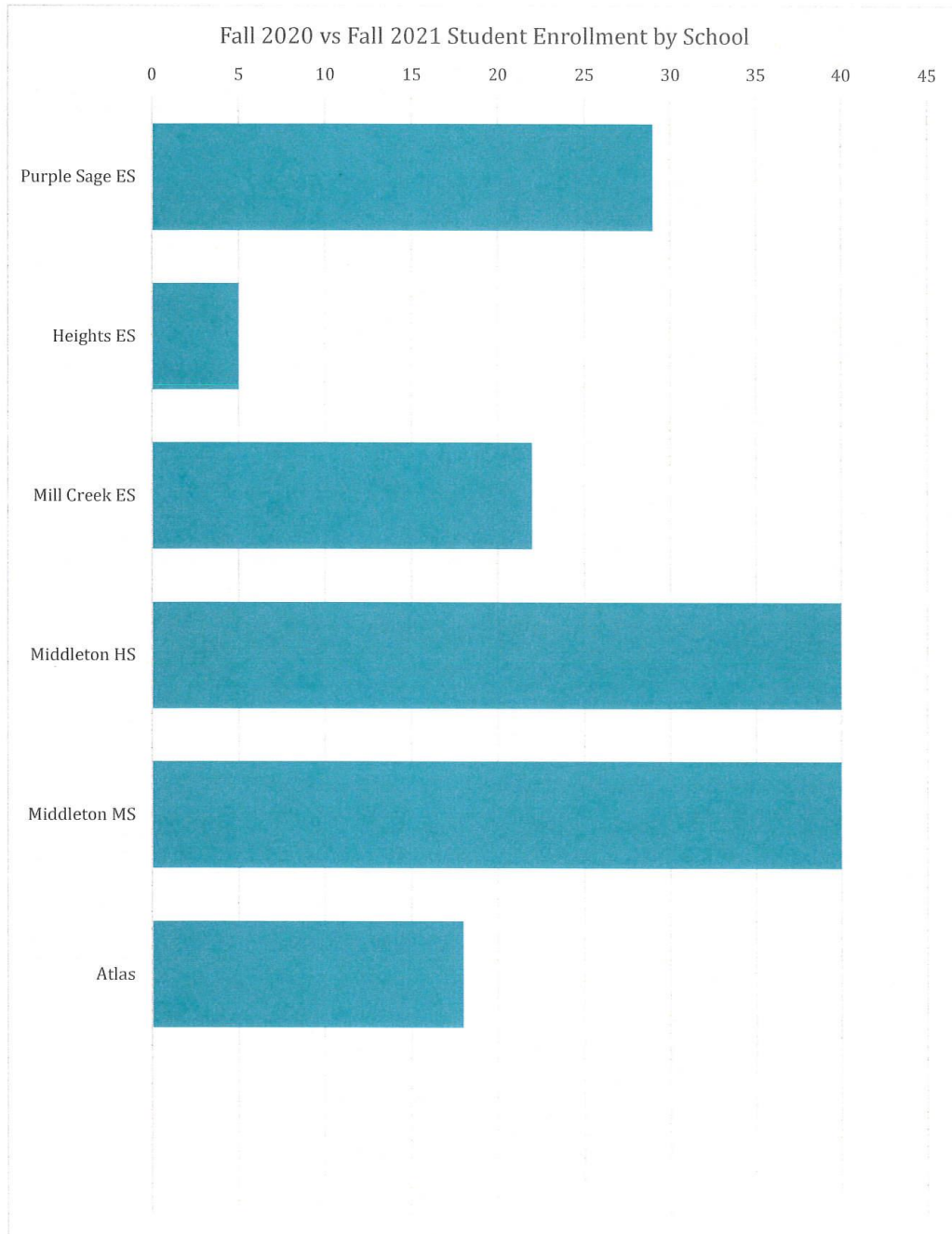
Student Data Analysis Current SY 2021 - 2022

According to the fall snap shots, this year's enrollment is up by 154 students. 1st grade has seen the highest increase, with 42 students, while PK has declined by 26 students. All schools have experienced an increase in student enrollment from Fall 2020 to Fall 2021.





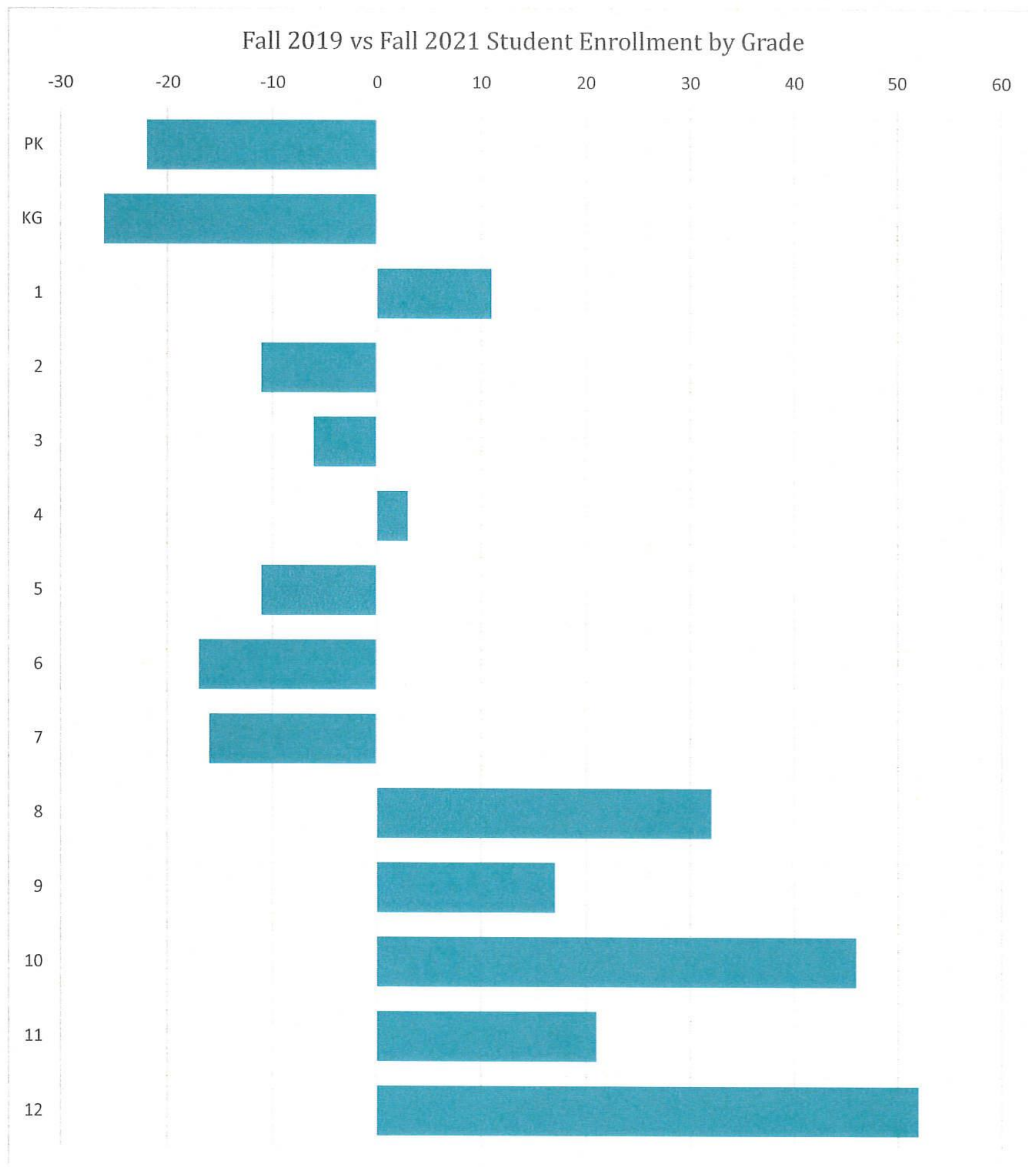
Student Data Analysis
Current SY 2021 - 2022





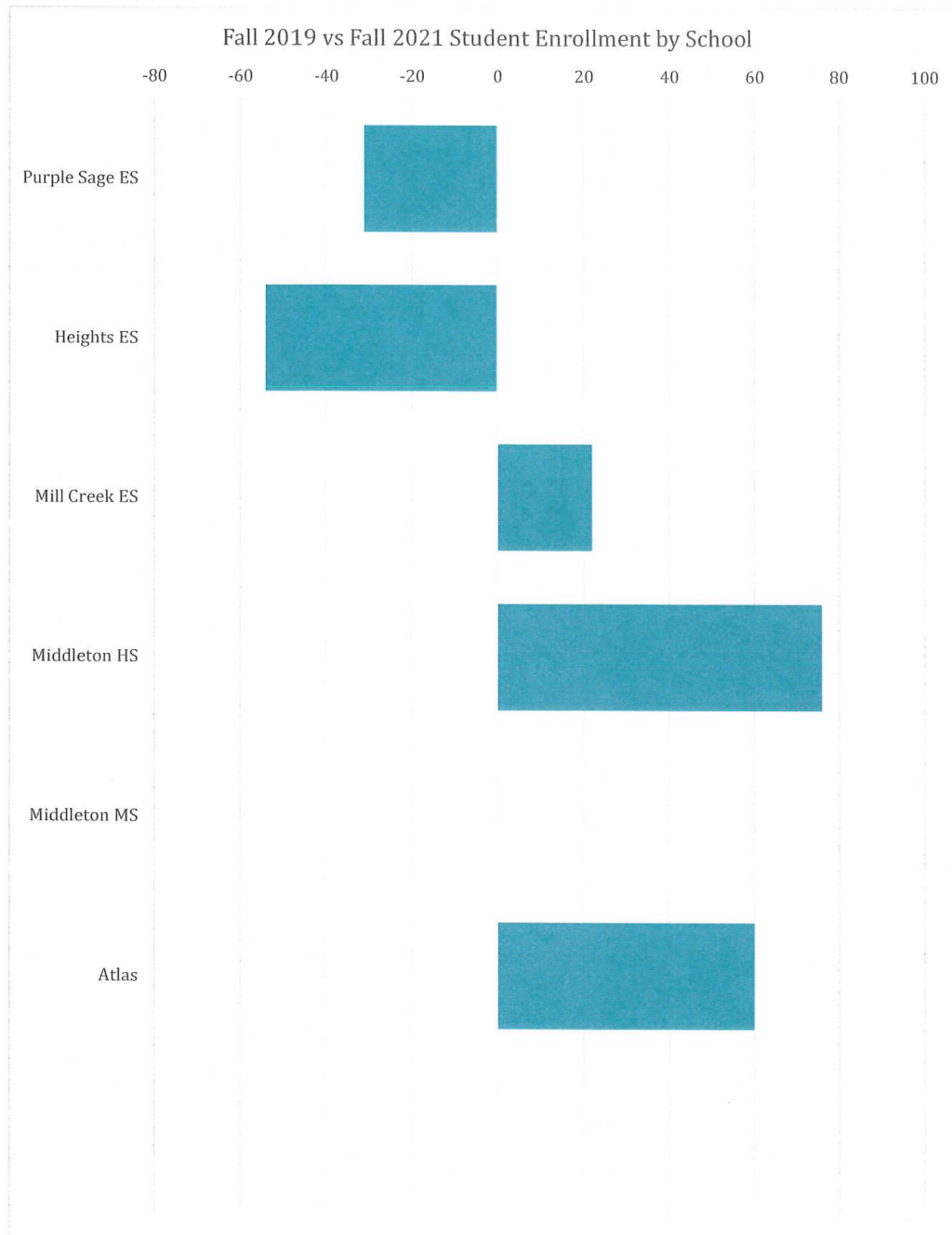
Student Data Analysis SY 2019-20 vs SY 2021-22

In this comparison we are looking at pre-COVID numbers, this year's enrollment is up by 73 students. 12th grade has seen the highest increase, with 52 students, while Kindergarten has declined by 26 students. All schools except Purple Sage ES and Heights ES, have experienced an increase in enrollment from Fall 2019 to Fall 2021. Middleton MS has shown no change in enrollment.





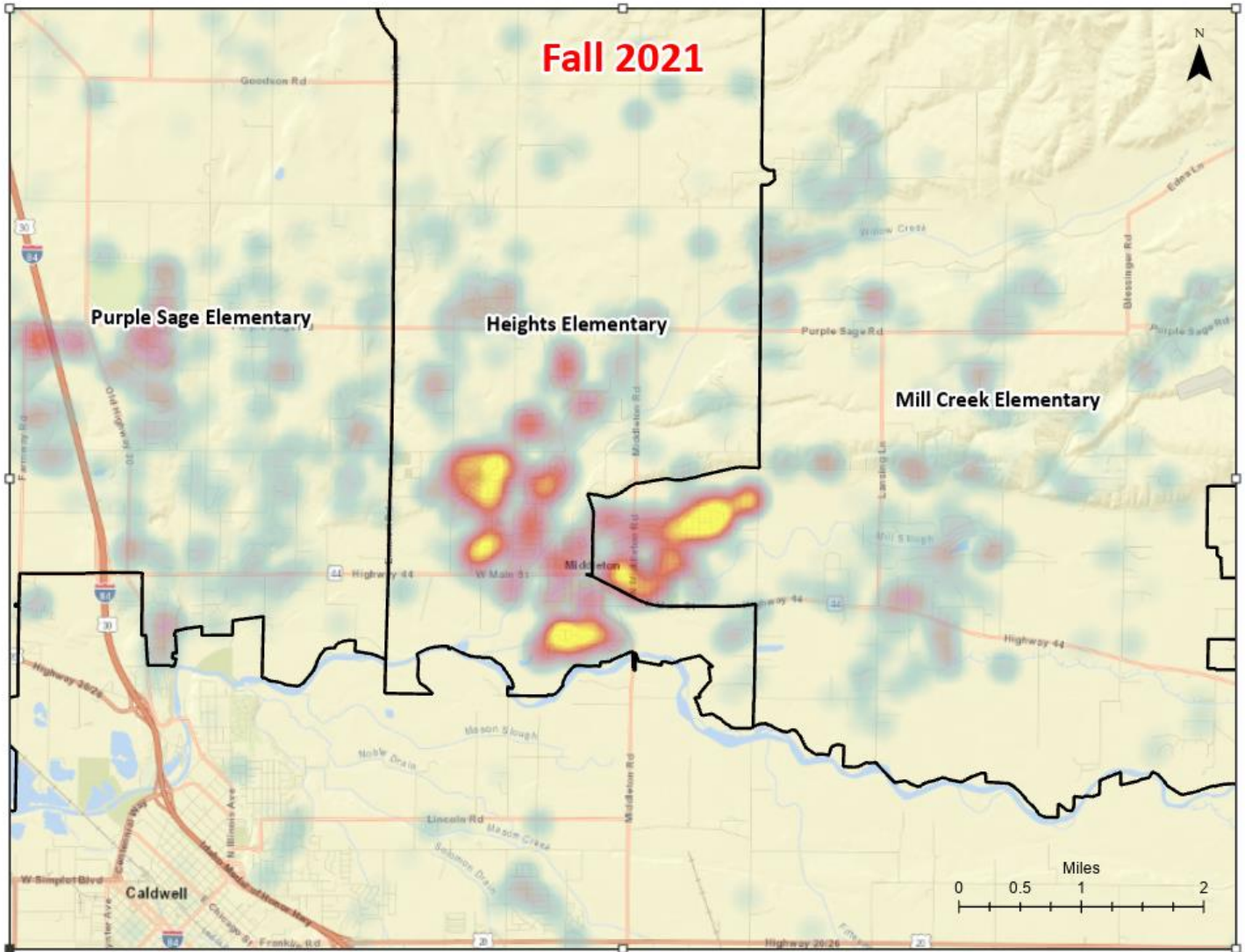
Student Data Analysis
SY 2019-20 vs SY 2021-22





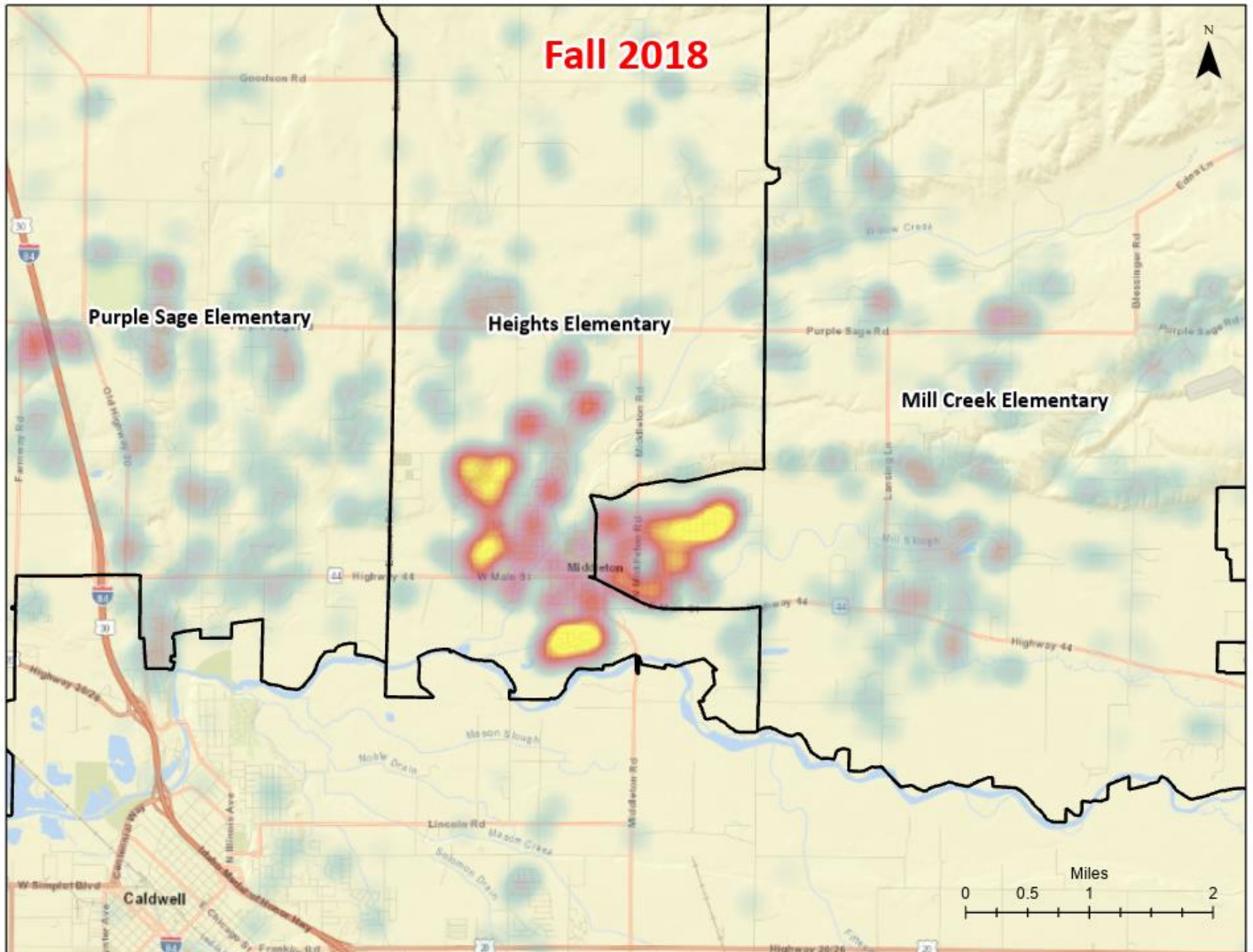
Middleton School District SY2021/22 Demographic Report

Map 1
Fall 2021 Middleton Student Heat Map





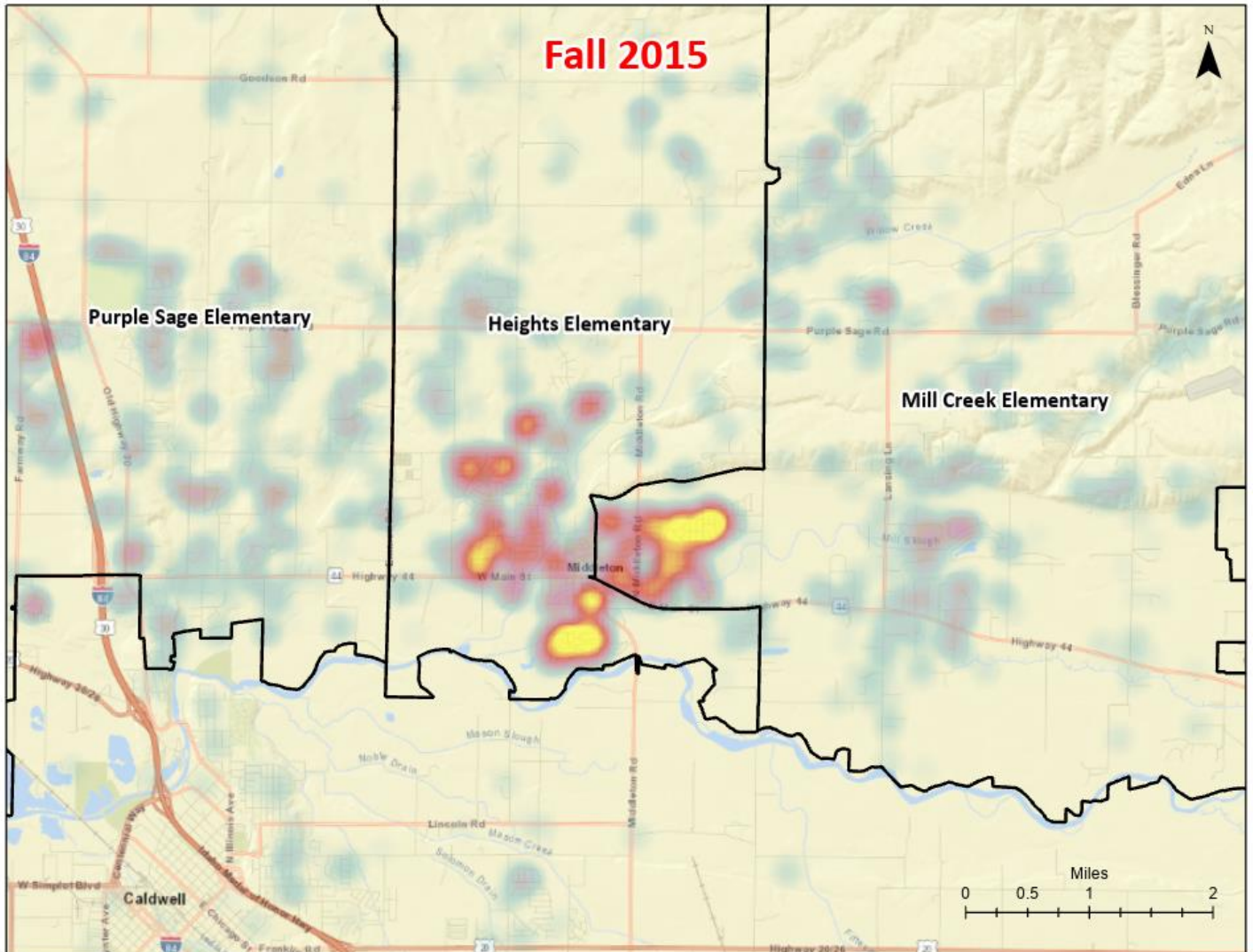
Map 2
Fall 2018 Middleton Student Heat Map





Map 3

Five Years Earlier Fall 2015 Middleton Student Heat Map



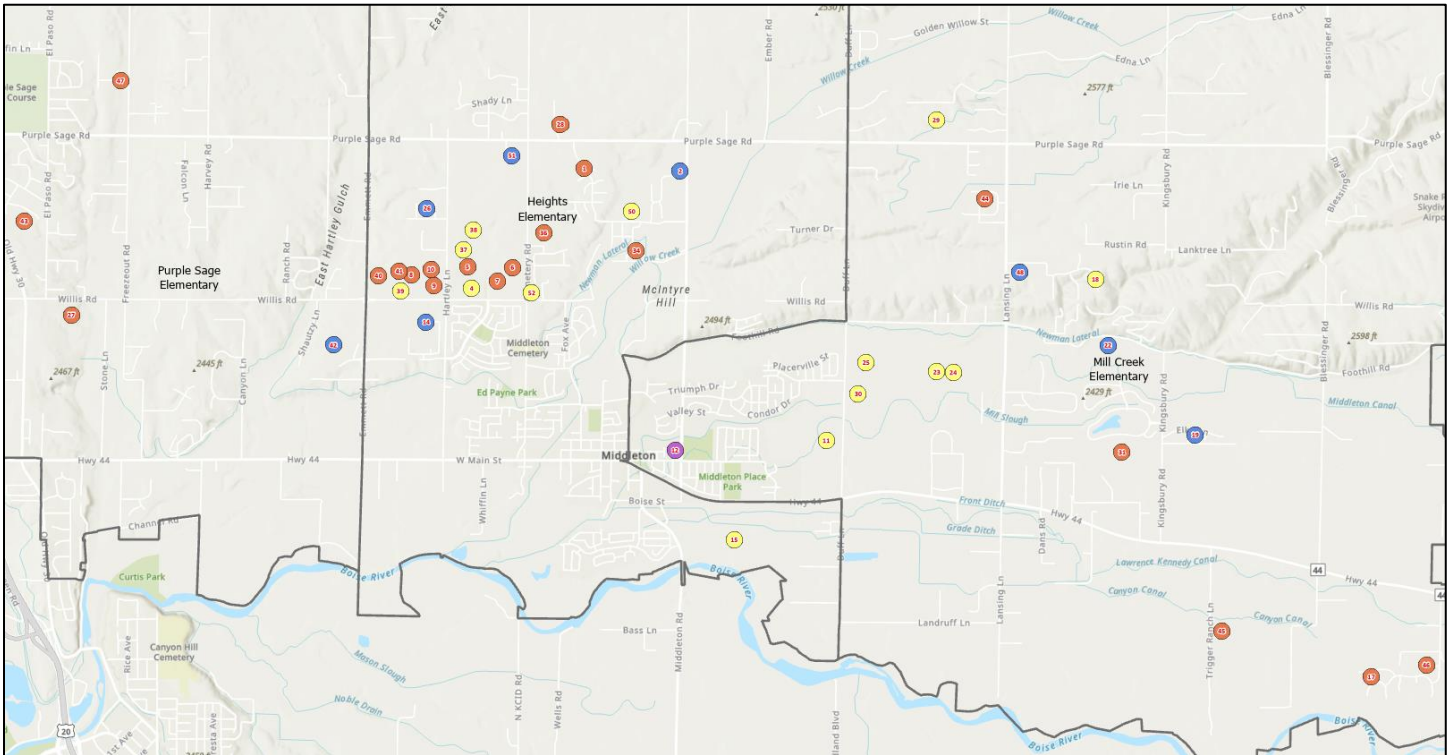


5) Planned Residential Development

This data was obtained through discussions with District staff, city and county agencies, and major developers within the District boundaries. Davis Demographics staff visited residential development sites in late fall 2021 this year to verify construction status, update phasing, and review information with Middleton SD staff. This data includes development name, location, housing type, total number of units of development, remaining number of units in development and project phasing (projected move-in dates). The phasing for planned housing development is factored into the ten-year projections (see Section Two for a detailed listing of the planned residential development). In the student population projection, Davis includes all approved developments and those developments under review, in addition to any planned or proposed development that will occur within the projection timeframe. The planned residential development information, including phasing estimates are also a snapshot at the time of this study. Because this information is subject to changes in the marketplace, this data should be reevaluated annually.

Map 4

Active or Planned Residential Development Projects in Middleton SD (as 02/01/2022)





B. Data Used for Variables

Three sets of data were compiled and reviewed for use in the ten-year student population projections by residence:

1. Births by City
2. Mobility Factors
3. Student Yield Factors

1) Births by City

Birth data by city was obtained from the Idaho Department of Health and Welfare for the years 2011-2020. Past changes in historical birth rates are used to estimate future incoming kindergarten student population from existing housing.

2) Mobility Factors

Mobility refers to the increase or decrease in the movement of students within and out of the District boundary. Mobility, which is a modified cohort, is applied as a percentage of increase/decrease among each grade for every year of the projections.

3) Student Yield Factors (SYFs)

Student Yield Factors were calculated from a housing count of existing residential units (SFD, SFA, APT, etc.) throughout the District. The student yield factors combined with planned residential development units are used to determine the number of students potentially generated from new residential housing development projects. Student Yield Factor calculations will be discussed again in the Ten-Year Projection Methodology section.

TEN-YEAR PROJECTION METHODOLOGY

The projection methodology used in this study combines historic student population counts, past and present demographic characteristics, and planned residential development to forecast future student population at the Study Area level. Districtwide projections are summarized from the individual Study Area projections. **These projections are based on where students reside and where they are assigned to attend school. Davis uses the location of where the students reside, as opposed to their school of enrollment, in order to provide the most accurate estimate of where future school facilities may be needed.** The best way to plan for future student population shifts is to know where the next group of students will be living. The following details the methodology used in preparing the student population projections by residence.

Ten-Year Projections

Projections are calculated out ten years from the date of projection for several reasons. The planning horizon for any type of facility is typically no less than five years, often longer. Ten years is usually enough to plan for any new facility. Projections beyond ten years are based on speculation due to the lack of reliable information on birth rates, new home construction, and economic conditions.

Why Projections are Calculated by Residence

Typically, district generated projections are based on school enrollments and are projected for staffing and budgetary needs. However, this method is often inadequate for long-range planning needs, such as the location of future school facilities, because the location of the students is not taken into consideration. A school's enrollment can fluctuate annually not only due to population trends but also due to variables in the curriculum, program changes, school administration, and open enrollment policies. These variables can skew the apparent need for new or additional facilities in an area.



The method used by Davis is unique because it modifies a standard cohort projection with demographic factors and student residential location. **Davis bases its projections on the belief that school facility planning is more accurate when facilities are located where the greatest number of students reside.**

The best way to plan for facility requirements is to know where the next group of students will be residing. The following details the methodology used in preparing the student population projections.

PROJECTION VARIABLES

For each year of the projections, 12th grade students graduate, and other students continue to progress through to the next grade level. The following factors modify this normal student progression.

1) Incoming Kindergarten

Live birth data is reported to the Idaho Department of Health and Welfare by the resident city of the mother. Davis uses the birth data correlating to the District boundary and applies the data accordingly. The assumption underlying the use of birth statistics from year to year is that increases or decreases in the number of births in the area will translate to increases or decreases in future kindergarten enrollment. For example, the SY2021 kindergarten classes in Middleton SD were born five years ago (2016). Any subsequent changes in births in 2017 compared to 2016 and 2018 to 2016, etc. would either increase or decrease future kindergarten class sizes.

Incoming kindergarten classes, for existing homes, are estimated by comparing changes in past births in the area. Davis assumes the current kindergarten class was born five years prior in 2016. Future incoming kindergarten classes are estimated by comparing the number births in 2016 to the number of births in 2017 through 2020. Davis compared the total births in 2016 to the total births in 2017, to determine a factor for next year's kindergarten class (SY2022). The 2016 births were compared to 2018 (SY2023 K class), 2016 to 2019 (SY2024 K class), and 2016 to 2020 (SY2025 K class).

Davis collected birth data and listed the live birth counts for the area from 2011 through 2020 (2021 data is not yet available). Davis calculated a districtwide set of birth rates, using live birth from previous years. Table 3 provides birth rates for the city.

Table 3
Birth Factors Used in Projections

Births by City				Birth Rate		
Birth Year	Kinder Year	Middleton	Total	% Change*	Birthrate Used in Forecast	School Year
2011	2016	136	136	80.5%		
2012	2017	122	122	72.2%	2017/18	
2013	2018	146	146	86.4%	2018/19	
2014	2019	159	159	94.1%	2019/20	
2015	2020	165	165	97.6%	2020/21	
2016	2021	169	169	Base Year		
2017	2022	154	166	98.2%	0.982	2022/23
2018	2023	165	165	97.6%	0.976	2023/24
2019	2024	173	173	102.4%	1.024	2024/25
2020	2025	173	173	102.4%	1.024	2025/26
2021	2026	Birth Data was not available		100.8%	1.008	2026/27
				101.8%	1.018	2027/28
				101.7%	1.017	2028/29
				101.4%	1.014	2029/30
				101.6%	1.016	2030/31
				101.6%	1.016	2031/32

* % Change refers to the change in total births for each year compared to the base year.
Source: Idaho Department of Health and Welfare

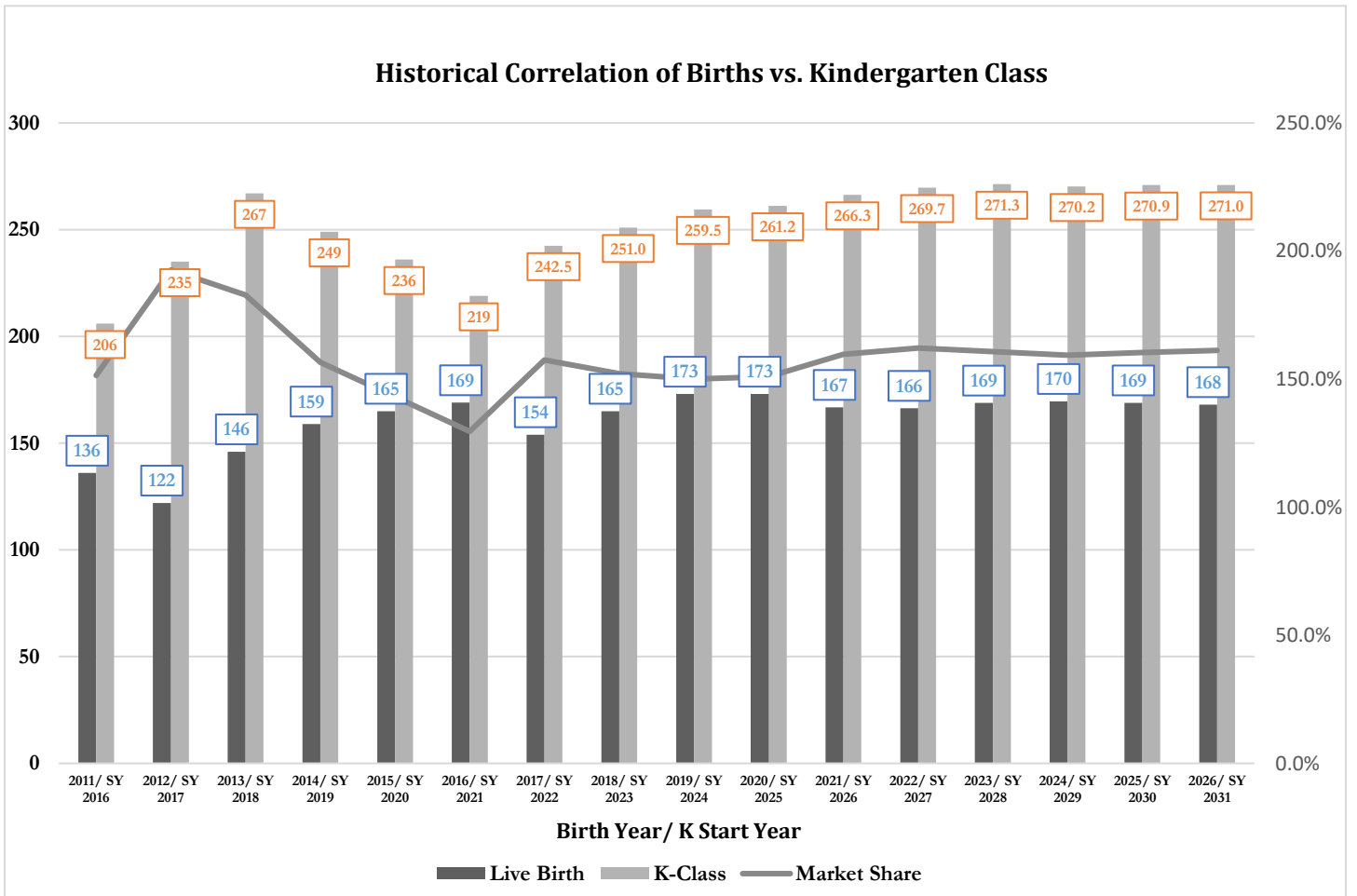
To calculate the birth rates that would be used to determine the incoming kindergarten class for SY2022, Davis compared the SY2016 live birth counts (representing the future SY2021 K class) for the city and compared it to the SY2017 counts.



- a. Since the future students representing SY2026 through SY2031 (2021 to 2026 births) are not reported or are not born yet, Davis had to determine the birth factors used for SY2026 through SY2031. Davis used a linear trend model of the previous four years of birth rates to create the last six years' birth rates. This was done to avoid over or under projecting the number of new kindergarteners in the final years of the projection.
- b. Idaho ranked second fastest growing state does not equate to increased birth counts. Most growth in MSD can be attributed to the inward migration from other areas of the U.S. and families escaping housing pressures in the denser populated areas of the Treasure Valley.

Chart 1 illustrates the number of births within the MSD area from 2011 to 2020. These totals were then compared to the number of reported Kindergarten students. The table also details that students registered in MSD for Kindergarten this SY2021 outnumbered the live birth in 2016 (50). Also included in the table are the estimated number of births from 2021 to 2026. Davis used a trend model formula in order to calculate future Kindergarten students.

Chart 1
Historic Correlation of Birth vs. Kindergarten Class “Market Share” in Middleton SD





2) Student Mobility Factors

Student mobility factors further refine the ten-year student population projections. Mobility refers to the increase or decrease in the movement of students within and out of the District boundary (move-in/move-out of students from existing housing). Mobility Factors consider movement of students residing in apartments within the District, housing re-sales, foreclosures, movement out of the District and high school dropout rates. Mobility, like a cohort, are applied to all elementary attendance area as a percentage of increase/decrease to each grade every year of the projections.

A net increase or decrease of zero students over time is represented by a factor of **1.000** or a 100% pass through rate. A net student loss is represented by a factor less than **1.000** (such as 0.97 or a 3% net loss) and a net gain by a factor greater than **1.000** (such as 1.01 or a 1% net increase).

The sampling used to calculate student mobility was taken over a four-year period using “address matched” (located by place of residence) student data from SY2018 through SY2021 for individual grade comparisons. For example, a comparison was made for the SY2018 Kindergarten student population to the SY2019 1st grade students; the same for SY2018 1st graders to SY2019 2nd graders, etc. This comparison was also conducted through 12th grade and for the following school years: comparing SY2019 students to SY2020 students and comparing SY2020 student data to SY2021 students.

There are a few main reasons for using the last four years of data, and for not using more or fewer years for the Mobility Study. If student data goes back too far (5+ years) is used, then specific trends that were occurring during that time that are not occurring in now will be factored into the projections and therefore not reflect the most recent patterns. If only the last few years of student data (i.e., SY2020 and SY2021 only) are used, then isolated anomalies occurring in the District (sharp rise or decline in the student population) would then be overrepresented in the ten-year projections. Davis’s experience has shown that using the last four years of data and averaging the three years of change provides a more balanced and accurate mobility trend for ten-year student projections.

Having historical student data categorized by Study Area is extremely helpful in calculating accurate Student Mobility Factors. For this year's report, Davis used current elementary school attendance areas as the basis to calculate Mobility Factors. In other words, three sets of Mobility Factors were used to calculate student projections (listed in Table 5), using these, smaller geographic areas help to identify and focus on trends within the District. Focusing Mobility Factors at the Elementary Area instead of larger geography will help to refine those changes at the neighborhood level, identifying lower retention and better assist in forecasting projections.

The advantage to running the Mobility Factors at the attendance area level rather than looking only at a districtwide average is that you can focus on specific trends that are occurring in specific neighborhoods, which can lead to projections that are more accurate. Remember, the Mobility Factors are summaries of school attendance areas and those neighborhoods within the areas. This intensive study will allow the District to review forecasted figures at the elementary school level – the planning area.

It is important to remember that the mobility study is evaluating all grade levels within the elementary attendance area. Elementary attendance areas are the smallest geographic area that Davis can produce. These calculated mobility factors allow a granular focus to show local trends. This helps the District see the neighborhood level of information needed to project future shifts demographically and spatially.

For an example on how to interpret the Mobility Factors listed in Table 4, let us look at what is going on in the current Heights Elementary School attendance area. The column with the heading “G1” represents the rate to apply the attendance area as the Kindergarten students transition to 1st grade. For the Kindergarten grade level in the Heights attendance area, there is an increase of **0.01**, or **99%** of those students move through to the 1st



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grade while remaining in the attendance area. The Mobility Factors also show that the Heights attendance area will trend to decrease several times in elementary and in high school grades.

$$\begin{array}{rcl}
 \text{Example} & 100 & \text{Kindergarten students in SY2021} \\
 \times & \underline{\quad .99 \quad} & \text{Heights Elementary Area 1st grade mobility} \\
 = & \underline{\underline{\quad 99 \quad}} & \text{1st grade students in SY2022}
 \end{array}$$

Table 4

Mobility Factors by Elementary Attendance Areas the Last Three Studies

2016 study												
AREA	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
Heights Elementary	1.13	1.09	1.09	1.03	1.06	1.05	1.07	1.00	1.10	1.04	1.01	0.92
Mill Creek Elementary	1.04	1.13	1.06	1.06	1.10	1.02	1.05	1.03	1.07	0.98	0.99	1.00
Purple Sage Elementary	1.06	1.11	0.98	1.03	0.97	1.04	1.02	1.03	1.07	0.95	0.95	0.89
Districtwide	1.08	1.11	1.04	1.04	1.04	1.04	1.05	1.02	1.08	0.99	0.98	0.94
2018 study												
AREA	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
Heights Elementary	1.07	1.04	1.09	1.01	1.01	1.01	1.00	0.97	1.06	1.01	1.02	0.94
Mill Creek Elementary	1.08	1.08	1.00	1.04	0.95	1.06	1.05	1.07	1.03	0.96	1.00	0.91
Purple Sage Elementary	1.13	1.08	0.93	1.07	0.99	1.06	1.05	1.00	1.09	0.98	0.98	0.87
Districtwide	1.09	1.07	1.01	1.04	0.98	1.04	1.03	1.01	1.06	0.98	1.00	0.91
2021 study												
AREA	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
Heights Elementary	0.99	0.95	1.02	0.94	1.04	0.98	1.00	1.02	1.03	1.05	0.98	0.95
Mill Creek Elementary	0.97	0.92	0.95	0.96	1.00	1.01	0.98	0.97	1.08	0.99	1.02	0.96
Purple Sage Elementary	1.01	0.99	0.98	1.00	1.03	1.10	1.15	1.13	1.03	0.99	1.00	0.99
Districtwide	0.99	0.95	0.98	0.97	1.02	1.03	1.04	1.04	1.05	1.01	1.00	0.97



3) Student Yield Factors (SYF)

The Student Yield Factors, when applied to planned residential development units, estimate how many additional students will be generated from new construction within the District (see Section Two for details on planned residential development).

Two sets of data are required to calculate Student Yield Factors: a current geocoded student file (provided by the District) and current housing unit data (taken from information provided by the Canyon County Tax Assessors Office). The two data sets, students, and parcels are then overlapped. This allows Davis to associate each student with a specific housing type (SFD, SFA, APT, etc.)



Before the SYFs can be calculated from the current housing stock, the year of construction for each housing type must be determined. In general, new housing attracts families with elementary school aged children. Over the following 12 to 15 years, the children grow older and pass through the grades. A portion of those families, now without school-aged children, will then relocate and the cycle is then repeated throughout the life of the home. Identifying the year of construction and number of current resident students in recently built housing units assists in estimating the number of new students generated from future residential development.

In addition, other elements apart from the year of construction can be assessed. These elements include, but are not limited to, housing type, number of bedrooms, geographic location (study area), value of home, etc. Once all determining elements are decided upon, simple calculations are performed to produce a Student Yield Factor. The total number of units for that housing type then divides the number of current students residing in each housing type.

Student Yield Factors provide calculation over the last three studies (see Table 5). All residential units built within the District were extracted from Canyon County Assessor’s office data. The housing sample (4000 units) from the last three studies was used for continuity when comparing changes over the last five years. Typically, statistics are based on parcels built the last five years, the county data did not provide the context needed to differentiate the year built. Davis determined to use the entire existing housing file and noted building types during each site visit. Single-Family Detached development is the predominate housing type within the district.



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There is a decline in student generation. This is similar to other areas of the country as births decline, families are having fewer children and the market pressure from dual income no children households increases.

Table 5
Student Generation the Last Three Studies

2021		
0.219	SFD K-5	944
0.139	SFD 6-8	596
0.211	SFD 9-12	910
0.569	SFD K-12	2450

2018		
0.297	SFD K-5	1276
0.158	SFD 6-8	682
0.218	SFD 9-12	940
0.673	SFD K-12	2898

2016		
0.265	SFD K-5	1142
0.210	SFD 6-8	905
0.217	SFD 9-12	936
0.693	SFD K-12	2983



4) Planned Residential Development

Closely related to the Student Yield Factors (SYF) are planned residential development units. Planned residential development data is collected to determine the number of new residential units that will be built over the period of the student population projections. The units built within the next ten years will have the appropriate SYF applied to them to determine the number of new students the planned residential development may yield.



Most development data was acquired from research by Davis and additional information obtained through discussions and meetings with the District staff, the cities in the area, and Canyon County planning departments, active sales offices, and major developers within the District boundaries. Davis staff visited the active and planned developments within Middleton SD in the late fall 2021. Davis developed online tools to share with staff existing project information during the research process. In some cases, District Study Areas were split into smaller areas so to help future analysis. Data in Section Two includes development name, location, housing type, total number of units and projected move in dates (phasing). Phasing for planned housing is factored into the ten-year projections.

In the student population projection by residence, Davis includes all Approved and Proposed projects maps in addition to any planned or proposed development that will occur within the projection timeframe. The planned residential development information and phasing estimates are a snapshot of the District at the time of this study. Davis makes all attempts to have the most up-to-date information used at the time of production. Because this information may change, it should be reevaluated and updated annually.



APPLYING THE VARIABLES TO GENERATE THE PROJECTIONS

The following flowchart summarizes how Davis uses the factors to determine the student population projections (Chart 3). Remember that these projections are based on the residence of students and not school enrollment. Middleton SD has been divided into 473 Study Areas. Every Study Area is coded with the school code of the elementary, middle, and high school attendance area into which it falls. The residential projections are calculated at the Study Area level. This means that Davis conducts 473 individual projections that are based upon the number of students residing in each Study Area.

The first step in calculating the projections is to tally the number of students that live in each Study Area by grade level (Kindergarten through 12th grade). The current student base (SY2021) is then passed onto the next year's grade (SY2021 K become SY2022/ 1st graders, SY2021 1st graders become SY2022 2nd graders, and so on). After the natural progression of students through the grades is applied, then Birth Factors are multiplied to the current kindergarten class to generate a base for the following year's kindergarten class.

Next, a Mobility Factor is applied to all grades. Again, these factors consider the natural in and out movement of students throughout the District. The mobility factor is calculated by student movement in every grade. Based on this, a unique mobility factor is applied to each elementary school attendance area determined by the mobility factor study.

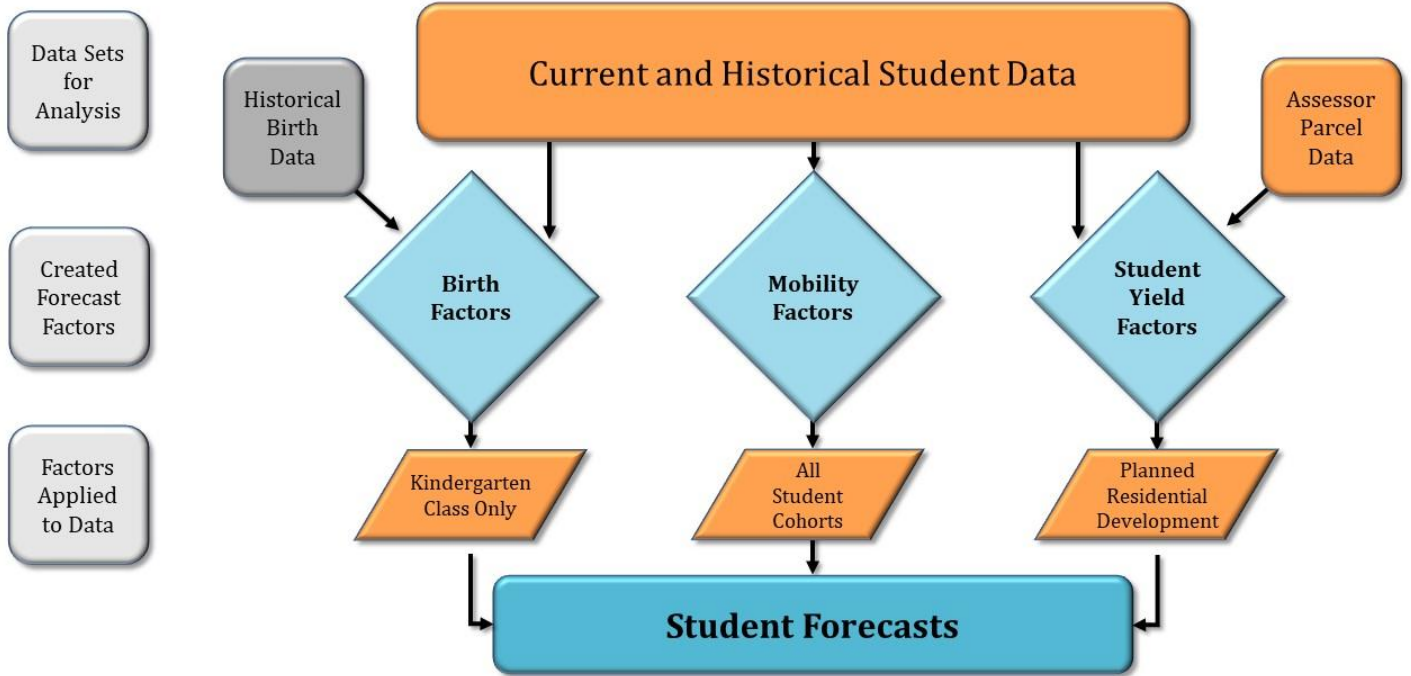
The last essential layer applied to the projections is the additional students projected from planned residential development. This is a simple calculation, again conducted at the Study Area level, where the estimated number of new housing units for a particular year is multiplied by the appropriate Student Yield Factor. For example, if 100 Single-Family Detached (SFD) units are to be built in a specific Study Area in a given year, 100 units would be multiplied by the appropriate SFD Elementary student yield factor (.373) and the resulting number (37.3) would be divided evenly among elementary grade levels.

To finish generating the projections by residence, the same process is conducted for each of the 473 Study Areas. Once the projections have been run at the Study Area level, then it is simple addition to determine projections for each of the District's attendance areas or for a districtwide summary. For example, the residential projections for the Heights Elementary School attendance area is simply the summary of all the Study Areas that make up this specific attendance area (see Section Five for the projections of each elementary, middle, and high school attendance area). The District Summary for the projections is a total summary of all 473 Study Areas.

Current and historical students, geographic data, and non-geographic data are used to calculate the factors used in the student population projections by residence. These factors are applied using Davis's SchoolSite software and projections are calculated for each Study Area for each grade.



Chart 2
Projections by Residence Flowchart





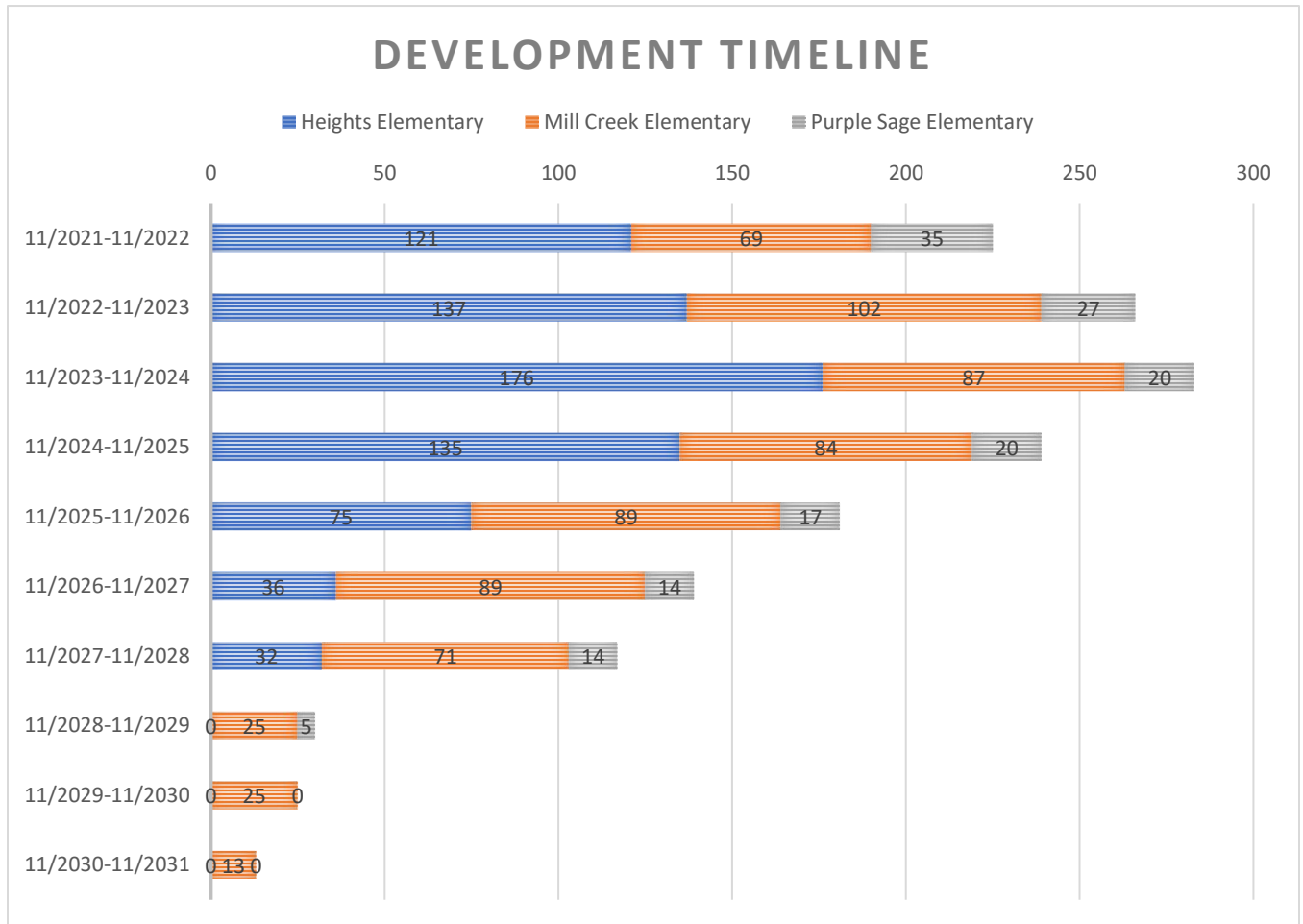
SECTION TWO: PLANNED RESIDENTIAL DEVELOPMENT

In the student population projection by residence, Davis includes all Approved and Tentative projects in addition to any planned or proposed development that may occur within the ten-year projection timeframe. The planned residential development information and phasing estimates is a snapshot of the District at the time of this study. As development plans are subject to change, all planned residential development data should be updated annually.

All the residential development data used in this report was obtained by Davis, conversations with staff from Middleton SD, officials at the cities of Middleton and the County of Canyon, as well as direct contact with developers and sales offices with current and future housing projects within the District boundaries. A database and maps of planned residential developments have been created, including, when available, project name, location, housing type, total number of units and estimated move in dates (phasing schedule). Davis has also created an online tool to help District staff to view projects and updates during the research portion of this project. Development research is an unending activity and should continually maintained.

Chart 3

Active or Planned Housing Projects in Middleton SD (as 02/1/2022)



Projected phasing is based on occupancy of the unit and is used to help time the arrival of students from new developments. Known future residential projects in the Middleton School District area are shown by elementary school attendance area on the following pages. The occupancy dates for new housing units over the next ten years have been estimated based on either visual site inspection or by projections provided by the developers.



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Table 6
Residential Development in Middleton SD (as 02/01/2022)

MAP ID	CITY	PROJECT	LOCATION	UNITS	STATUS	TYPE	ES ZONE
1	Middleton	Crossing at Meadowpark	Purple Sage Rd and Crossings Ave	50	ACT	SFD	Heights Elementary
2	Middleton	Valhalla	SW corner of Middleton Rd and Purple Sage Rd	75	PLN	SFD	Heights Elementary
4	Middleton	West Highlands Ranch Phase A	North of Willis Rd, east of Hartley Rd	48	FUT	SFD	Heights Elementary
5	Middleton	West Highlands Ranch Phase B	North of Willis, east of Hartley Rd	41	ACT	SFD	Heights Elementary
6	Middleton	West Highlands Ranch Subdivision no 17	North of Willis Rd, West of Cemetery Rd	43	ACT	SFD	Heights Elementary
7	Middleton	West Highlands Ranch Phase 9	North of Willis Rd, West of Cemetery Rd	32	ACT	SFD	Heights Elementary
8	Middleton	West Highlands Ranch Phase H	North of Willis Rd, East of Emmett Rd	37	ACT	SFD	Heights Elementary
9	Middleton	West Highlands Ranch Phase 10	North of Willis Rd, West of Hartley Ln	49	ACT	SFD	Heights Elementary
10	Middleton	West Highlands Ranch Phase 11	North of Willis Rd, West of Hartley Ln	49	ACT	SFD	Heights Elementary
11	Middleton	Bowler	W of Duff Ln, N of Cornell	173	FUT	SFD	Mill Creek Elementary
12	Middleton	McKinley Meadows Townhomes	611 CORNELL ST	5	ACT	SFA	Mill Creek Elementary
14	Middleton	Stonehaven	West of Hartley, South of Willis	163	PLN	SFD	Heights Elementary
15	Middleton	Watkins	E of Middleton Rd, S of Hwy 44	408	FUT	SFD	Heights Elementary
17	Star	River Ranch	West of River Ranch Ln, just north of Boise River	136	ACT	SFD	Mill Creek Elementary
18	Middleton	Wyatts Hollow	east of Lansing, north of Foothill Rd	22	FUT	SFD	Mill Creek Elementary
19	Middleton	Lucich	E of Kingsbury Rd, S of Telaga Way	25	PLN	SFD	Mill Creek Elementary
22	Middleton	Blue Meadows	S of Foothill Rd between Kingsbury and Lansing	25	PLN	SFD	Mill Creek Elementary
23	Middleton	Lucich, Menafee & Brown	Between Brandt Trust property and Lansing Ln	89	FUT	SFD	Mill Creek Elementary
24	Middleton	Saddle Creek	Lucich Menafee Brown	9	FUT	SFD	Mill Creek Elementary
25	Middleton	Waterford Subdivision	East of Middleton Rd. S of Willis	238	FUT	SFD	Mill Creek Elementary
26	Middleton	Freer	NW corner of Flower Ln and Hartley Ln	9	PLN	SFD	Heights Elementary
27	Caldwell	Albion Acres	Corner of Willis and Timber Hills	33	ACT	SFD	Purple Sage Elementary
28	Middleton	Mark Irwin Trust Rezone	11701 Purple Sage Rd	60	ACT	SFD	Heights Elementary
29	Middleton	Dale and Cathy Rezone	9640 Purple Sage Rd	150	FUT	SFD	Mill Creek Elementary
30	Middleton	Smith Trust	E of Middleton Rd N of 9th St	384	FUT	SFD	Mill Creek Elementary
31	Middleton	Crescent Lake	23223 KINGSBURY RD	127	ACT	SFD	Mill Creek Elementary
34	Middleton	Western Pines	South terminus of Scotch Pine Dr, W of Middleton Dr	4	ACT	SFD	Heights Elementary



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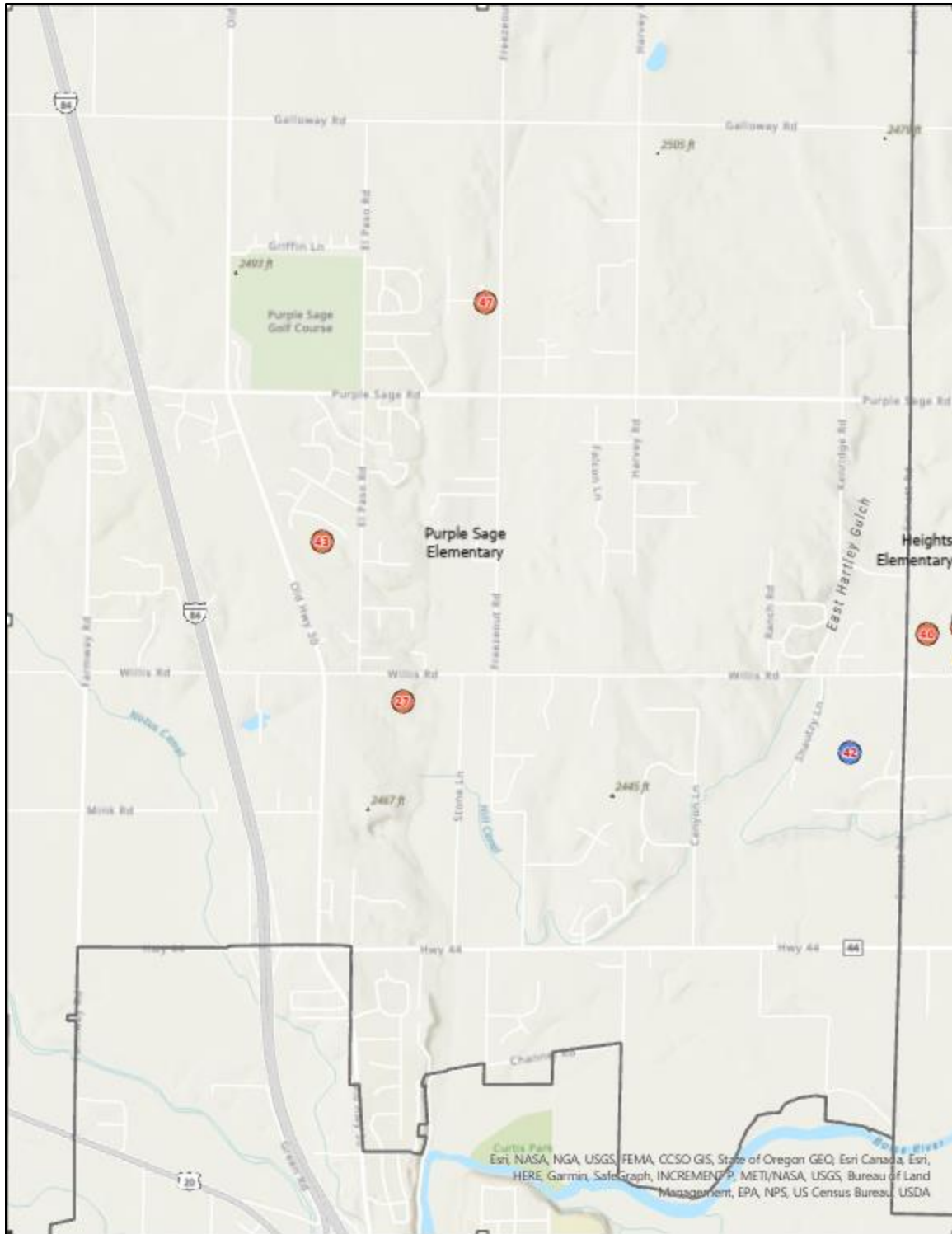
Table 6
Residential Development in Middleton SD (as 02/01/2022)

MAP ID	CITY	PROJECT	LOCATION	UNITS	STATUS	TYPE	ES ZONE
36	Middleton	The Estates at West Highlands	North of Willis. East of Cemetery	52	ACT	SFD	Heights Elementary
37	Middleton	West Highlands Ranch Phase D	North of Willis Rd, East of Hartley Rd	43	FUT	SFD	Heights Elementary
38	Middleton	West Highlands Ranch Phase E	South of Flower Ln, East of Hartley Ln	53	FUT	SFD	Heights Elementary
39	Middleton	West Highlands Ranch Phase F	North of Willis Rd, East of Emmett Rd	55	FUT	SFD	Heights Elementary
40	Middleton	West Highlands Ranch Phase G	North of Willis Rd, East of Emmett Rd	49	ACT	SFD	Heights Elementary
41	Middleton	West Highlands Ranch Phase I	North of Willis Rd, East of Emmett Rd	40	ACT	SFD	Heights Elementary
42	Middleton	Apple Properties	13065 W 9TH ST	70	PLN	SFD	Purple Sage Elementary
43	Caldwell	Purple Sage Estates	across from Purple Sage Golf Course	50	ACT	SFD	Purple Sage Elementary
44	Middleton	Cascade Hills	24607 BLAZE AVE. Middleton ID	50	ACT	SFD	Mill Creek Elementary
45	Star	LEIGHTON LAKE EST	22002 TRIGGER RANCH LN, Star ID	14	ACT	SFD	Mill Creek Elementary
46	Star	Star River Meadows	6278 CHATEAU CT, Starr ID	14	ACT	SFD	Mill Creek Elementary
47	Caldwell	OAKRIDGE Estates	25427 HAVARD OAK PL. Caldwell ID	27	ACT	SFD	Purple Sage Elementary
48	Middleton	Quail Haven Subdivision	Lansing Lane @ Quail Haven Way	26	PLN	SFD	Mill Creek Elementary
50	Middleton	white barn real estate	200-298 Meadow Park Blvd	0	FUT	SFD	Heights Elementary
51	Middleton	Black Acres Estates	cemetery and purple sage	26	PLN	SFD	Heights Elementary
52	Middleton	Empty lot with Utilities Set	North of Willis. East of Cemetery	0	FUT	SFD	Heights Elementary



Map 5

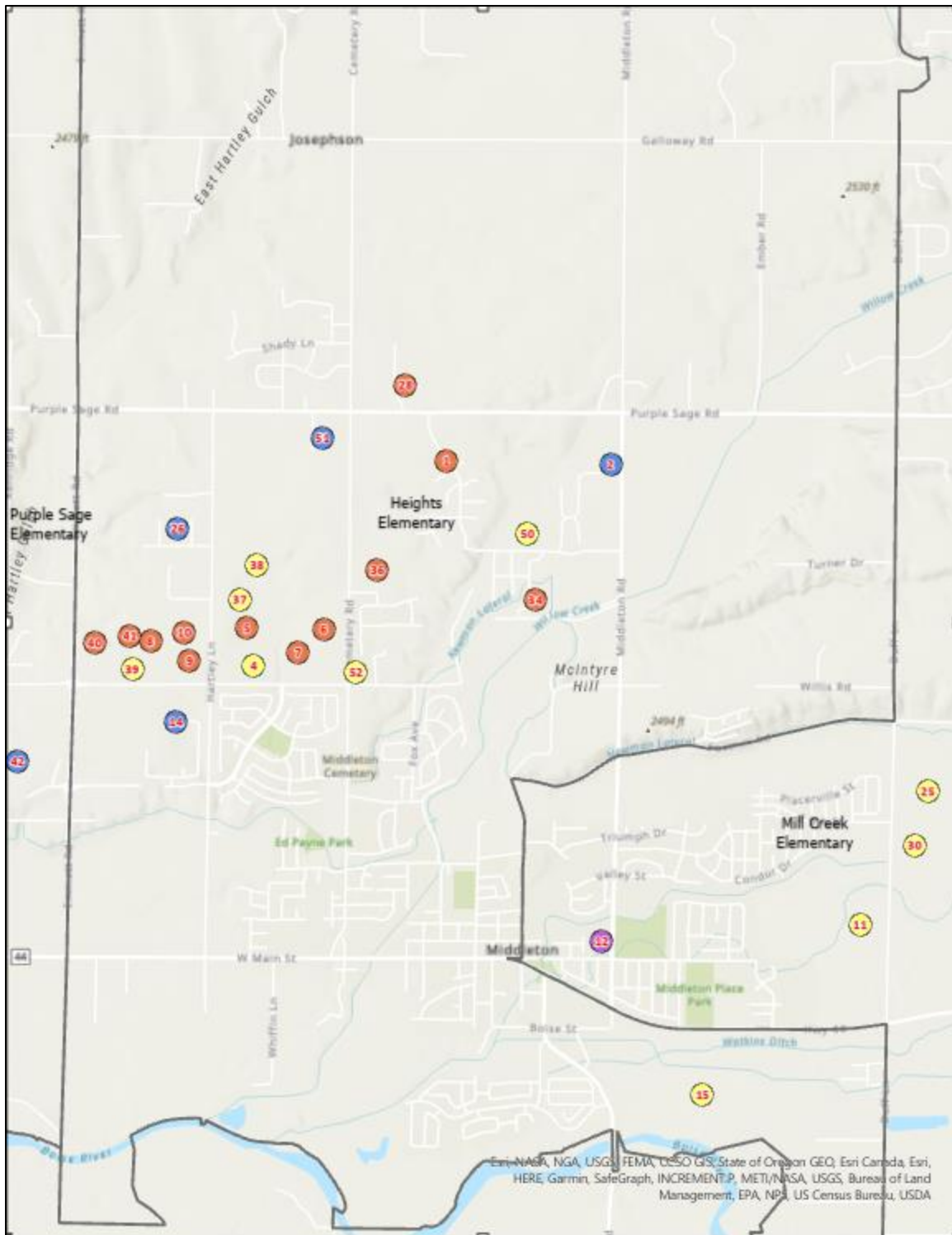
Residential Development Projects in Middleton SD (Purple Sage as 02/01/2022)





Map 6

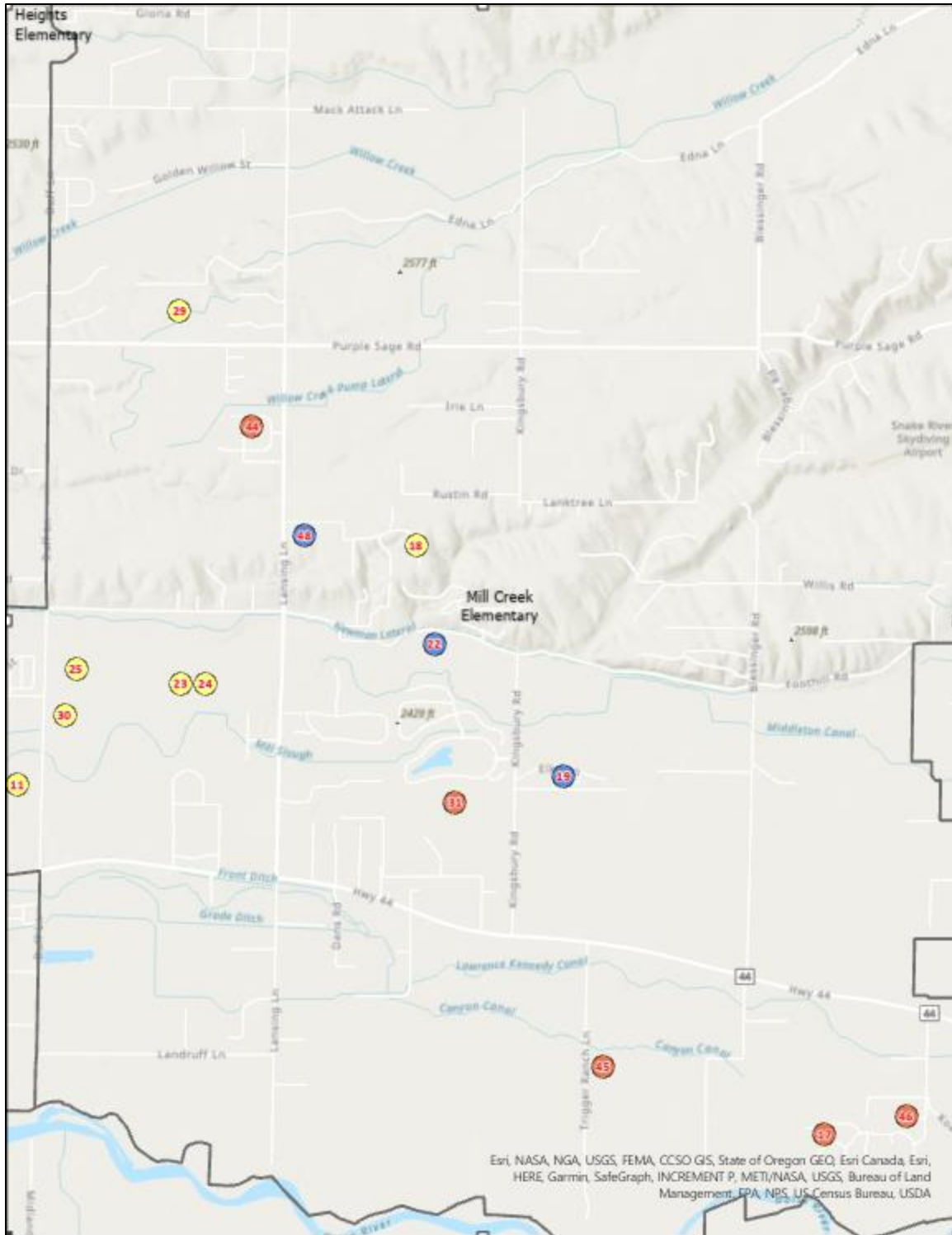
Residential Development Projects in Middleton SD (Heights as 02/01/2022)





Map 7

Residential Development Projects in Middleton SD (Mill Creek as 02/01/2022)





SECTION THREE: ATTENDANCE MATRIX

One Attendance Matrix has been included to provide a better understanding of where students reside and where they attend school. **Remember, Davis projections are based on where the students reside, not where the student is enrolled. This method allows Davis to provide the most accurate forecast of where shifts in student population may occur and changes to future facilities (if necessary) should be located.** Because Davis projections are based on where the students reside, the figures we use as a base for each school’s resident projection may be slightly higher or lower than the actual reported enrollment for each school. The best way to plan for future facilities is to know where the next group of students will be coming from, not necessarily which school they are currently attending.

The attendance matrix acts as a “check and balance” for student accounting, illustrating where the students reside (School of Residence) based upon their geocoded address and which school they attend (School of Enrollment) based upon District provided student data. It is essential to show how the students used in the projections match up to the District’s records of enrollment for each school. Furthermore, intra-district transferring patterns can be determined by comparing School of Residence data to the School of Attendance data. The student counts used in all the matrices represent the Middleton SD’s enrollment as of October 2021.

READING THE MATRIX

MATRIX DEFINITIONS
The rows of the Attendance Matrix represent student data based on the attendance area in which the student lives (School of Residence), while the columns represent where the student is enrolled in school (School of Enrollment). There is one matrix for the Elementary school level.
ATTENDANCE AREA
Outline of where students will attend school.
CAMPUS CAPACITY
The maximum number of seats available for students at the campus.
CURRENT PK-5 UTILIZATION
This shows how current student enrollment at the school compares to how many students the campus can accommodate (PK-5 Enrollment/Capacity).
UTILIZATION IF ALL PK-5 RESIDENT STUDENTS ENROLLED
This shows what the capacity for the school would be if every PK-5 student who lives within the attendance area were enrolled at their zoned neighborhood school.
INTRADISTRICT TRANSFERS
The Intradistrict transfers refers to students who live in the district boundary but attend a school that is different than the one they are assigned to.



INTRADISTRICT STUDENTS IN
Transfers In refer to students who live in a different ES area but are transferring into that school.
INTRADISTRICT STUDENTS OUT
Transfers Out refer to students who live in that area but are enrolled in a different school.
TOTAL TRANSFERS IN
The total number of enrolled students who live outside of the attendance area.
INTERDISTRICT STUDENTS IN
This is total enrolled students who live outside the district boundary.
READING THE MATRIX
<p>The remaining column headers are the names of schools where the students are enrolled. For example, in the first row of the Elementary Attendance Matrix, it shows that Heights ES has a permanent capacity of 396 students, current total enrollment of 498 students, and there are 451 elementary students residing and attending Heights ES attendance zone. The cells with bold numbers indicate the number of students who are enrolled at their assigned school based on their address. The matrix shows that 153 students reside in the attendance area and transfer out of Heights ES to other schools; 120 student transfers into Mill Creek ES, and 33 student transfers to Purple Sage ES.</p> <p>For Heights ES, there is 22 students that are attending from outside the district boundaries and 5 unmatched students which you see in the rows beneath the matrices.</p>



Middleton School District SY2021/22 Demographic Report

Table 7
Elementary School Attendance Matrix SY2021

SCHOOL OF RESIDENCE	Attendance Area	Count of Students Living in Attendance Area	SCHOOL OF ENROLLMENT		
			HEIGHTS ES	MILL CREEK ES	PURPLE SAGE ES
	HEIGHTS ES	604	451	120	33
	MILL CREEK ES	548	13	514	21
	PURPLE SAGE ES	401	7	22	372
	Resident Students	1,553	471	656	426
	Out of District Students	131	22	71	38
	Unmatched Students	7	5	2	0
	Total Enrollment	1,698	498	729	464

Attendance Area	Campus Capacity	Resident Students	Enrolled Students	Utilization*		Resident Student Transfers		Non-Resident Students In	Net Total Transfers In
				Resident Students	Enrolled Students	Students In	Students Out		
HEIGHTS ES	396	604	498	152.5%	125.8%	20	153	22	42
MILL CREEK ES	616	548	729	89.0%	118.3%	142	34	71	213
PURPLE SAGE ES	594	401	464	67.5%	78.1%	54	29	38	92

* Utilization is the number of students divided by capacity. The resident student column shows what utilization would be if all resident students attended their assigned school. The enrolled students column shows the current utilization based on actual students attending.



SECTION FOUR: DISTRICTWIDE STUDENT POPULATION PROJECTIONS

Student populations are projected ten years out for each of the Study Areas, attendance areas and for the Middleton School District as a whole. Districtwide summary enables the District to see a broad overview of future population shifts and what affect these shifts may have on existing and future facilities. Each attendance area is summarized to give a local view of population changes and identify variances within the district.

Together, these projection summaries present the means for identifying the timing of future population shifts and overall facility adjustments needed to accommodate these shifts. Study Areas and their projected resident students can be shifted between schools to assist in balancing enrollment through boundary changes, grade-level reassignments, or other means identified to better utilize school facilities. Projections provided in this report are based on students who live in the District and are part of the student data file from October 2021. Middleton SD should continue to update student forecasting annually to help track trends within the District student population.

Table 8
Historic and **Forecasted** Students in Middleton SD (SY2022 – SY2031)

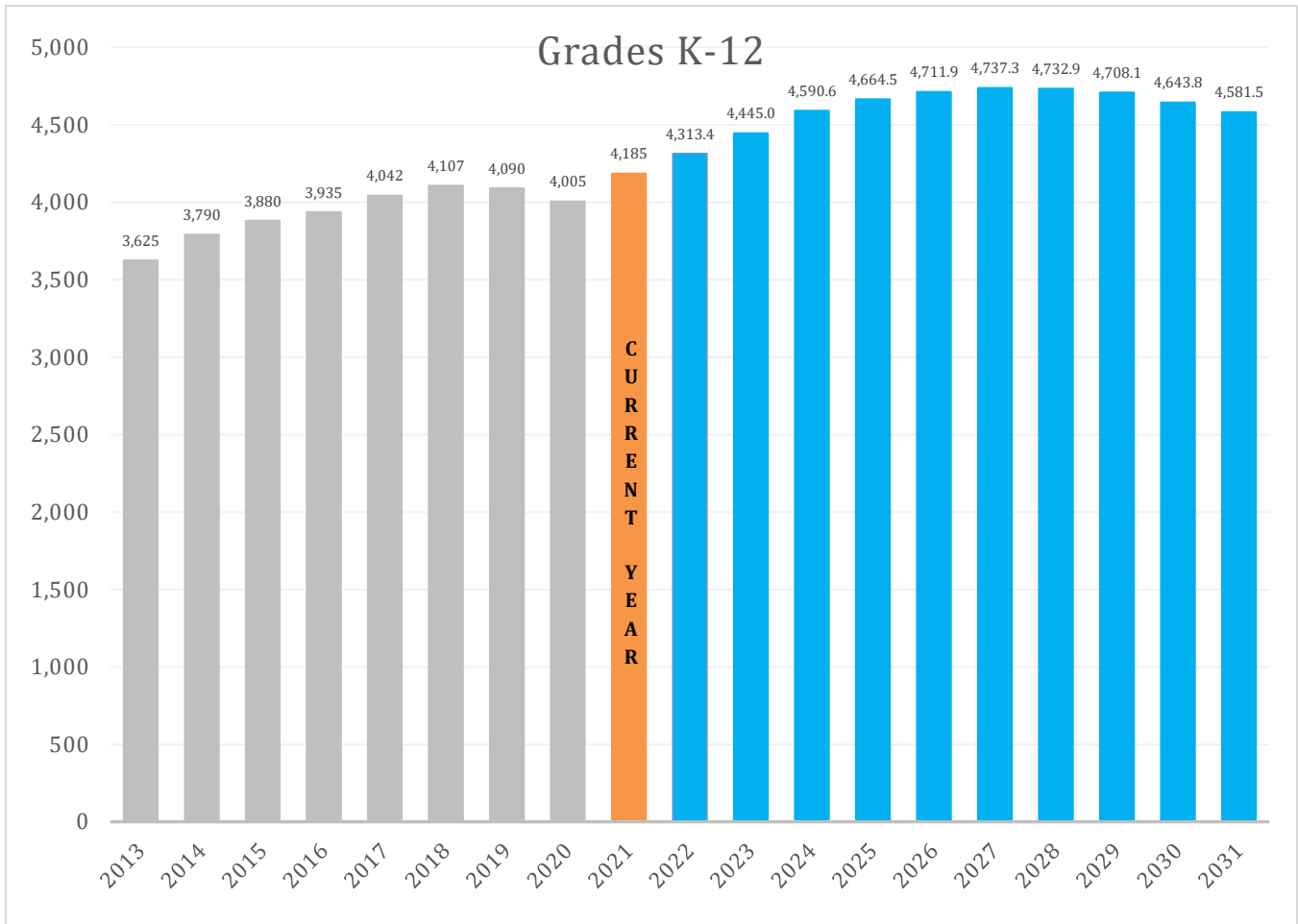
Historic Resident Counts									Current	Forecasted Resident Counts									
Grade	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
K	208	236	218	206	235	267	249	236	219	242.5	251.0	259.5	261.2	266.3	269.7	271.3	270.2	270.9	271.0
1	236	220	256	244	230	267	261	226	267	237.6	263.9	273.7	280.0	278.7	281.7	284.0	281.1	279.7	279.8
2	218	263	260	276	258	252	251	250	240	280.1	252.6	279.9	287.4	290.8	287.2	289.1	286.9	283.7	281.7
3	244	235	277	276	274	272	252	242	266	254.2	296.9	270.2	295.4	299.9	301.1	296.3	293.6	291.2	287.3
4	221	270	239	282	303	283	266	221	272	272.5	263.0	305.1	276.2	298.2	300.6	300.7	291.8	289.0	286.0
5	280	233	287	251	281	295	280	256	256	290.5	292.7	284.0	324.8	292.4	312.4	313.6	309.1	299.6	296.1
6	243	292	244	295	274	291	304	269	294	272.2	310.0	314.1	303.2	340.6	305.1	324.5	321.1	316.4	306.2
7	288	262	298	260	311	283	314	288	305	317.3	293.9	334.9	337.5	323.6	358.3	320.5	335.8	332.1	326.7
8	243	296	267	305	276	324	289	320	327	326.4	344.4	318.1	359.3	359.2	343.0	376.4	332.9	348.3	343.8
9	268	260	315	296	315	290	345	304	360	354.1	356.1	374.7	345.7	385.2	383.4	365.2	395.5	349.6	365.2
10	249	269	258	310	300	317	297	346	335	376.6	373.3	375.7	392.3	360.2	398.0	393.7	370.5	401.4	354.5
11	231	244	269	257	318	291	321	309	346	346.6	389.7	387.0	387.5	400.7	366.7	403.2	395.0	371.7	401.8
12	216	221	233	253	234	292	266	321	313	344.9	347.4	389.7	384.6	382.4	393.7	359.1	390.2	382.7	359.7
Resident Student Totals by Grade Configuration																			
K-5	1,407	1,457	1,537	1,535	1,581	1,636	1,559	1,431	1,520	1,577.4	1,620.1	1,672.4	1,725.0	1,726.3	1,752.7	1,755.0	1,732.7	1,714.1	1,701.9
6-8	774	850	809	860	861	898	907	877	926	915.9	948.3	967.1	1,000.0	1,023.4	1,006.4	1,021.4	989.8	996.8	976.7
9-12	964	994	1,075	1,116	1,167	1,190	1,229	1,280	1,354	1,422.2	1,466.5	1,527.1	1,510.1	1,528.5	1,541.8	1,521.2	1,551.2	1,505.4	1,481.2
K-12	3,145	3,301	3,421	3,511	3,643	3,724	3,695	3,588	3,800	3,915.5	4,034.9	4,166.6	4,235.1	4,278.2	4,300.9	4,297.6	4,273.7	4,216.3	4,159.8
Non-Resident Students																			
K-5	181	173	162	159	155	139	139	145	138	143.2	147.1	151.8	156.6	156.7	159.1	159.3	157.3	155.6	154.5
6-8	94	110	110	106	109	95	97	88	77	76.2	78.9	80.4	83.2	85.1	83.7	84.9	82.3	82.9	81.2
9-12	205	206	187	159	169	149	159	184	170	178.6	184.1	191.7	189.6	191.9	193.6	191.0	194.8	189.0	186.0
K-12	480	489	459	424	433	383	395	417	385	397.9	410.1	424.0	429.4	433.7	436.4	435.3	434.4	427.5	421.7
Total Enrollment*																			
K-5	1,588	1,630	1,699	1,694	1,736	1,775	1,698	1,576	1,658	1,720.6	1,767.2	1,824.2	1,881.6	1,883.0	1,911.8	1,914.3	1,890.0	1,869.7	1,856.4
6-8	868	960	919	966	970	993	1,004	965	1,003	992.1	1,027.2	1,047.5	1,083.2	1,108.5	1,090.1	1,106.3	1,072.1	1,079.7	1,057.9
9-12	1,169	1,200	1,262	1,275	1,336	1,339	1,388	1,464	1,524	1,600.8	1,650.6	1,718.8	1,699.7	1,720.4	1,735.4	1,712.2	1,746.0	1,694.4	1,667.2
K-12	3,625	3,790	3,880	3,935	4,042	4,107	4,090	4,005	4,185	4,313.4	4,445.0	4,590.6	4,664.5	4,711.9	4,737.3	4,732.9	4,708.1	4,643.8	4,581.5
Annual Change																			
K-5 Difference	42	69	-5	42	39	-77	-122	82	62.6	46.6	57.0	57.4	1.4	28.8	2.5	-24.3	-20.3	-13.3	
6-8 Difference	92	-41	47	4	23	11	-39	38	-10.9	35.1	20.4	35.6	25.3	-18.4	16.2	-34.2	7.6	-21.8	
9-12 Difference	31	62	13	61	3	49	76	60	76.8	49.9	68.2	-19.1	20.7	15.0	-23.2	33.8	-51.6	-27.2	
K-12 Difference	165	90	55	107	65	-17	-85	180	128.4	131.5	145.6	73.9	47.5	25.4	-4.4	-24.8	-64.3	-62.3	



DISTRICTWIDE STUDENT PROJECTION TRENDS

The basic units in the projections are the individual Study Areas. There are currently 473 Study Areas in the Middleton School District. The current attendance areas are made up of specific Study Areas. The entire District Summary is simply the compilation of all of Study Areas. For each Study Area, the student counts are projected over ten years (Current: SY2021; Projected: SY2022 through SY2031). The districtwide projections can be found in Chart 4 depicting the District’s historic enrollment beginning with SY2013 current SY2021 and the next projected ten years.

Chart 4
District Historic and Ten-Year Projected K-12 Students

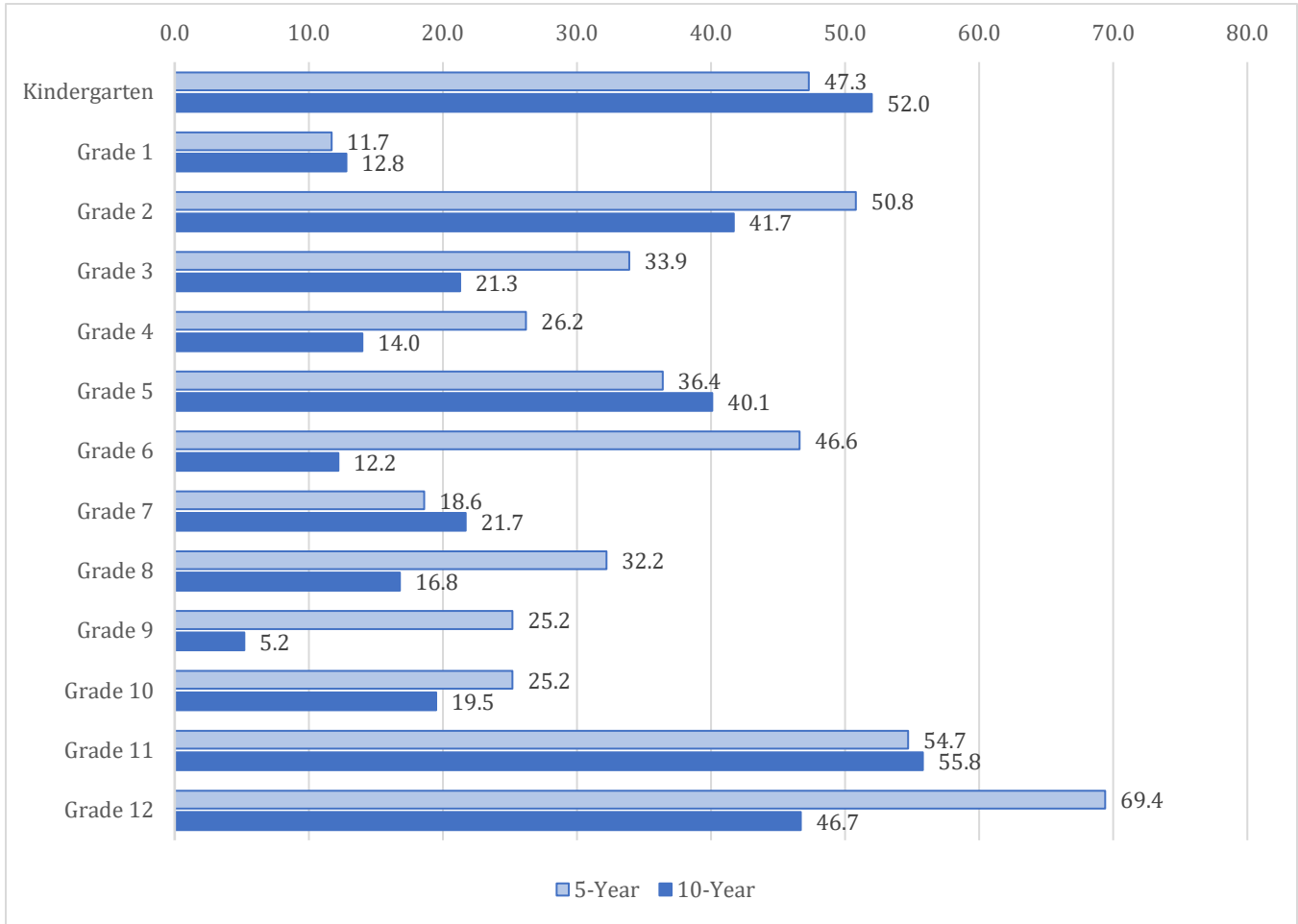


Currently, the Middleton School District is comprised of three elementary schools, one middle school, and one high school. This SY2021, the District reported an enrollment of 4,185 K-12 students which had 3,800 K-12 resident students this school year, over 200 student increase in two years. MSD accepted 385 students residing outside the District boundary a decline attributed to enrollment restrictions.

According to the historical resident student enrollment in the last four school years, resident K-12 population had been decreasing between 2018 and 2020. The first year could be attributed to the introduction of a new charter school and the pandemic in 2020. The district has experienced 15% growth over the last nine years.



Chart 5
Five and Ten-Year Projected K-12 Students



According to the ten-year projections, the K-12 resident students for Middleton School District are expected to increase over the next seven years. Overall, the District is forecasted to have a net increase of almost 500 K-12 resident students by the end of SY2027. The strong projected trend of Middleton SD is associated with a booming real estate market associated with in-migration from other states. Based on development information Davis collected, there may be more than 1,500 housing units built within the school district through SY2031.

Elementary student enrollment is expected to increase through year seven of these projections. MSD will need to closely track the birth rates in the area for the next several years as those figures correlate to new incoming K-5 students. The larger incoming elementary grade classes are expected to impact middle and high schools as they matriculate through the ten-year projections. The overall elementary enrollment could exceed 1,900 students by SY2028.

The middle school student population in MSD is expected to increase similarly to the elementary levels of growth. The resident middle school student counts are projected to decrease in year ten (SY2027). The middle school could experience student enrollment exceeding 1,100 students by SY2026.

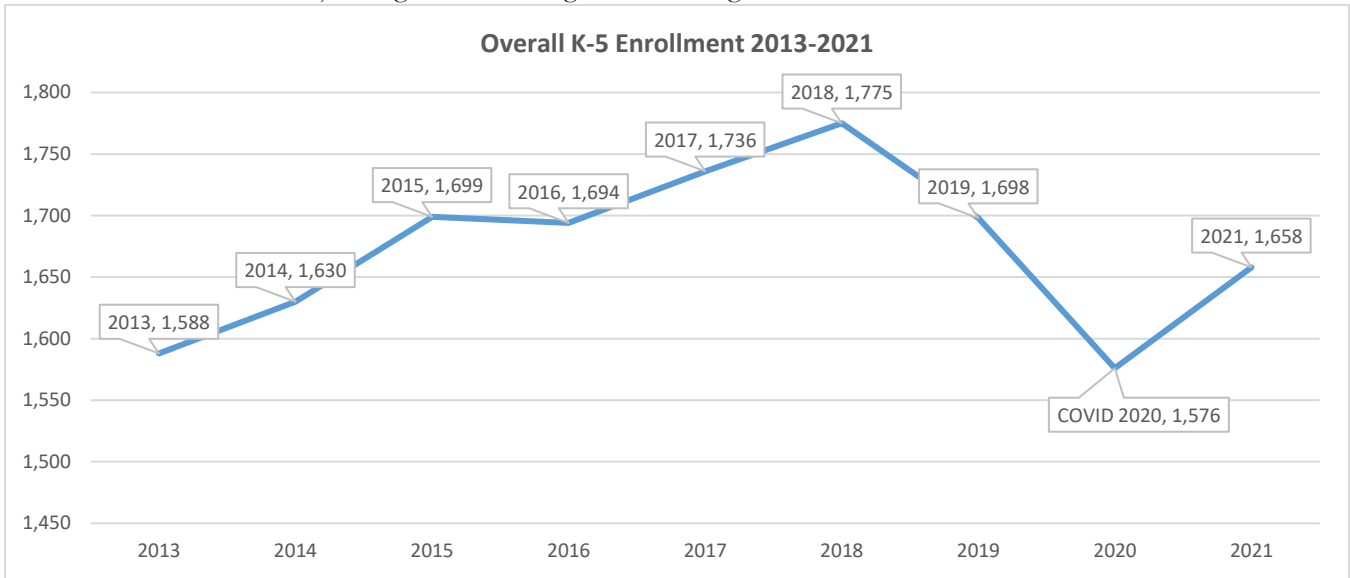
The high school will see growth of student population through SY2029. The number of 9-12 students will surpass 1,700 mark in SY2024. By the end of these projections, Middleton High is projected to gain almost 130 students.



SECTION FIVE: ATTENDANCE AREA PROJECTIONS BY RESIDENCE

ELEMENTARY STUDENT POPULATION PROJECTION TRENDS

Elementary school student population in Middleton SD has been growing annually since SY2013 except for a slight loss in SY2016 of ten students and then back-to-back declines in 2019 and 2020. According to these projections, growth is expected the next seven to eight years. By the end of SY2028, elementary school attendance areas are expected to experience an overall increase of almost 260 students or about 8% growth by the end of SY2028. Projected growth can be greatest in Heights and Mill Creek zones.



Both Heights Elementary and Mill Creek Elementary are forecasted to have similar student growth, each area will gain about 80-90 K-5 students by the end of these projections. These two attendance areas are experiencing capacity issues. SY2021, Heights Elementary is operating at more than 25.8% over capacity. Mill Creek Elementary also surpasses its capacity limit (616), when it had 729 students enrolled this school year.

The school district should continue to experience dramatic changes occurring in the southcentral areas, the cities of Middleton and Caldwell, where there are the most active or planned residential projects. The District has experienced increasing population coming from in-migration mostly driven by new housing.

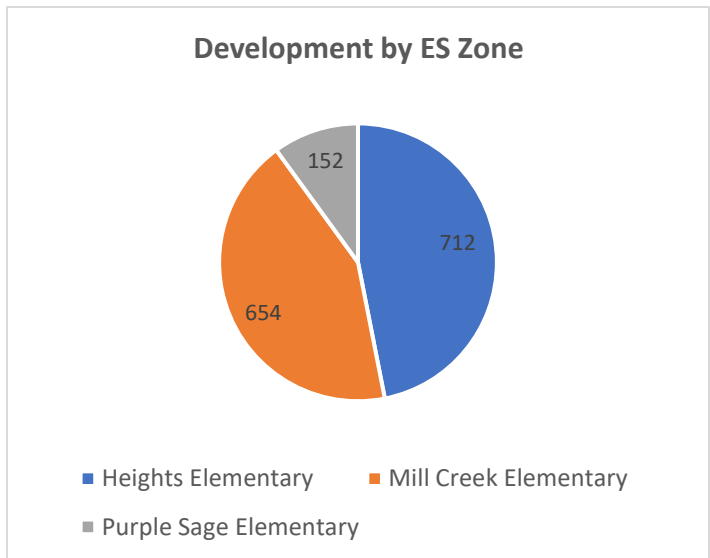




Chart 6

Historic and Projected Enrolled Elementary School Students SY2013 – SY2031

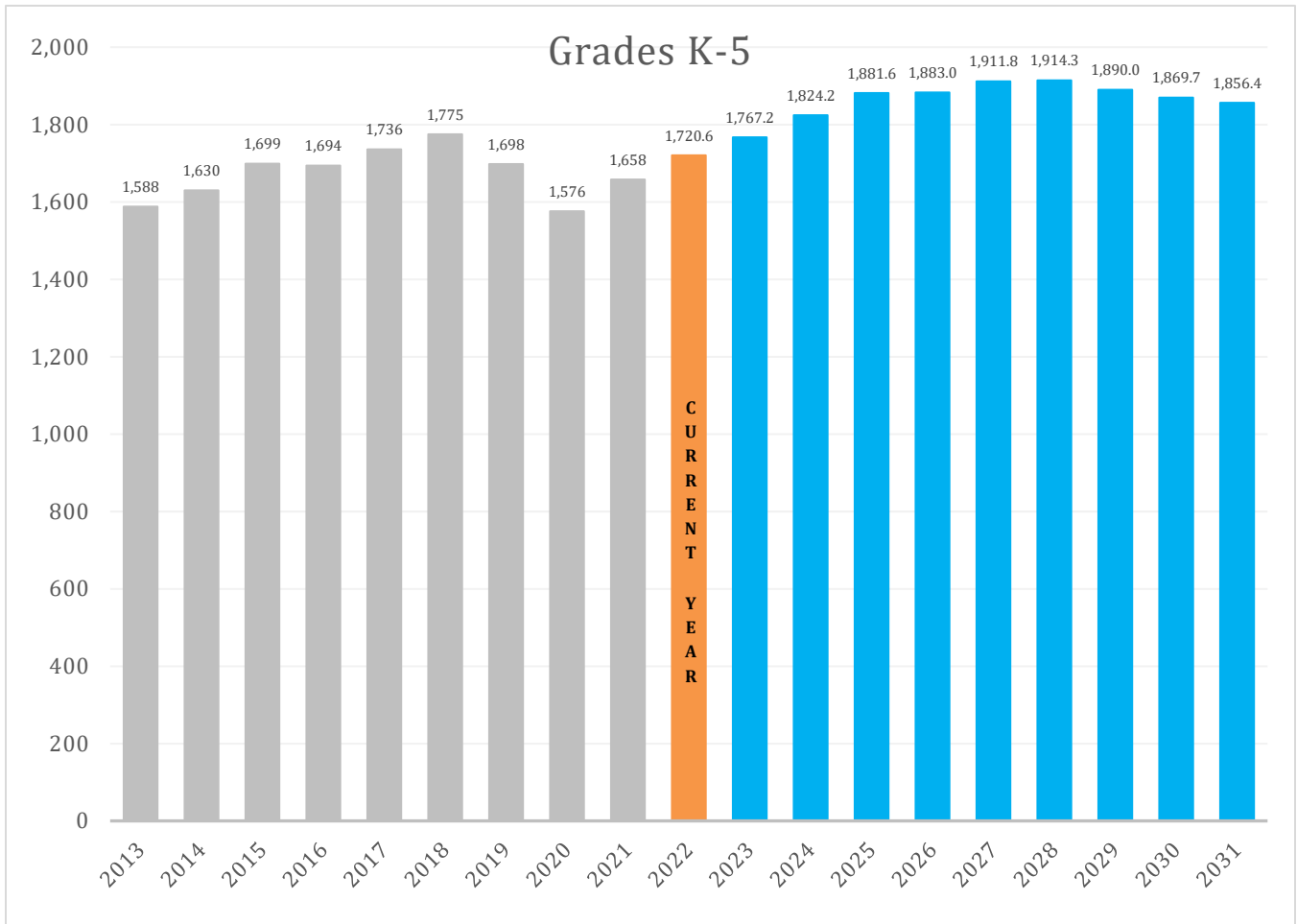
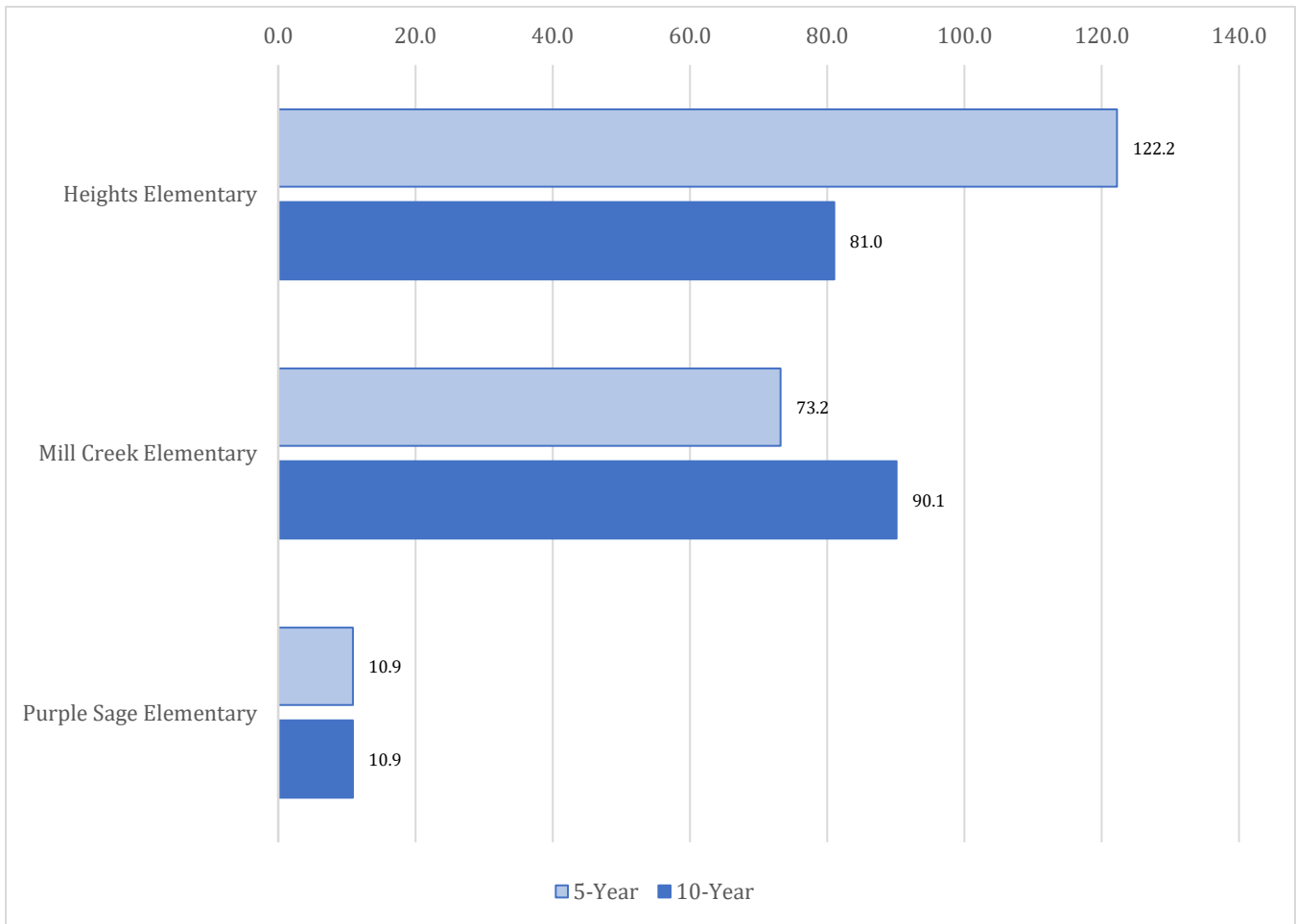




Chart 7
Forecasted Change in Elementary Attendance Areas Year 5 and Year 10



The following pages show detailed maps and attendance summaries tables of each elementary area. The District attendance areas were split into smaller planning units called study areas. This was done to help staff better understand the changes within each geography. The information details the rate of change between this year’s space and the end of the projections. The bar graphs provide the total number of residential K-5 students. Pre-Kindergarten is excluded from these projections because all PK students in the District attend one site.

Over capacity has been a huge issue among elementary schools in Middleton SD, especially in Heights ES campus. Putting restrictions on open enrollment will not improve the current impact at HES and MCES sites. The district needs to increase site capacity or build another elementary campus.

The District has provided Davis with the best available information at the time of this report. The circumstances regarding future facilities are subject to change, especially when dealing with shifts in the housing market and economy. The suggestions presented in this report are based upon the trends that the District is currently experiencing. Projections should be updated annually to make sure to capture any changes that might occur more quickly than expected. The attendance area summaries detail the current year snapshot of data, reported data in last three years, and projected information over the next ten years. Davis details this information by grade-to-grade progression so staff can see projected population bubbles in the data. This can help anticipate those variances in future planning.

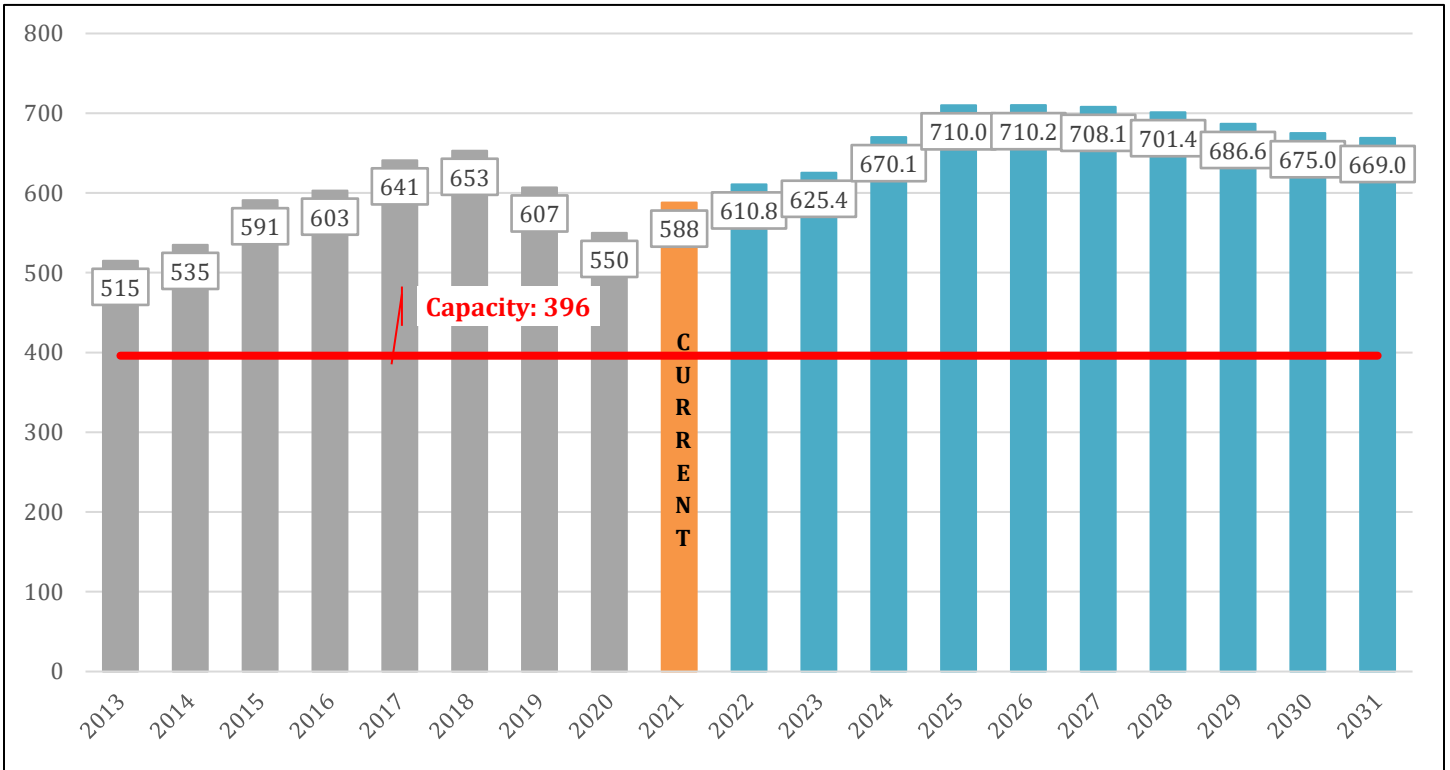


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IMPACT ON THE MIDDLETON SD ELEMENTARY REGIONS

Heights Elementary																				
Grade	Historic Resident Students								Current	Forecasted Resident Students										
	SY 2013	SY 2014	SY 2015	SY 2016	SY 2017	SY 2018	SY 2019	SY 2020	SY 2021	SY 2022	SY 2023	SY 2024	SY 2025	SY 2026	SY 2027	SY 2028	SY 2029	SY 2030	SY 2031	
K	75	89	76	80	95	98	91	88	87	95.2	99.5	105.4	106.8	108.3	108.3	108.9	108.2	108.3	108.3	
1	95	79	106	92	90	101	97	76	101	96.1	105.4	111.9	115.8	114.0	113.5	113.3	112.1	111.4	111.5	
2	75	106	95	110	101	97	101	90	83	107.3	103.2	114.5	118.9	119.7	115.9	115.2	113.3	112.1	111.4	
3	92	86	112	111	120	111	105	97	97	91.1	116.7	114.6	123.9	125.2	124.0	119.9	117.5	115.6	114.4	
4	77	96	92	113	121	119	102	93	113	97.1	92.3	118.2	114.3	120.1	119.5	118.1	112.7	110.4	108.6	
5	101	79	110	97	114	127	111	106	107	124.0	108.3	105.5	130.3	122.9	126.9	126.0	122.8	117.2	114.8	
Actual Resident Students										Forecasted Resident Students										
Total K-5	515	535	591	603	641	653	607	550	588	610.8	625.4	670.1	710.0	710.2	708.1	701.4	686.6	675.0	669.0	

Annual Change	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031
		20.0	56.0	12.0	38.0	12.0	-46.0	-57.0	38.0	22.8	14.6	44.7	39.9	0.2	-2.1	-6.7	-14.8	-11.6
	3.9%	10.5%	2.0%	6.3%	1.9%	-7.0%	-9.4%	6.9%	3.9%	2.4%	7.1%	6.0%	0.0%	-0.3%	-0.9%	-2.1%	-1.7%	-0.9%

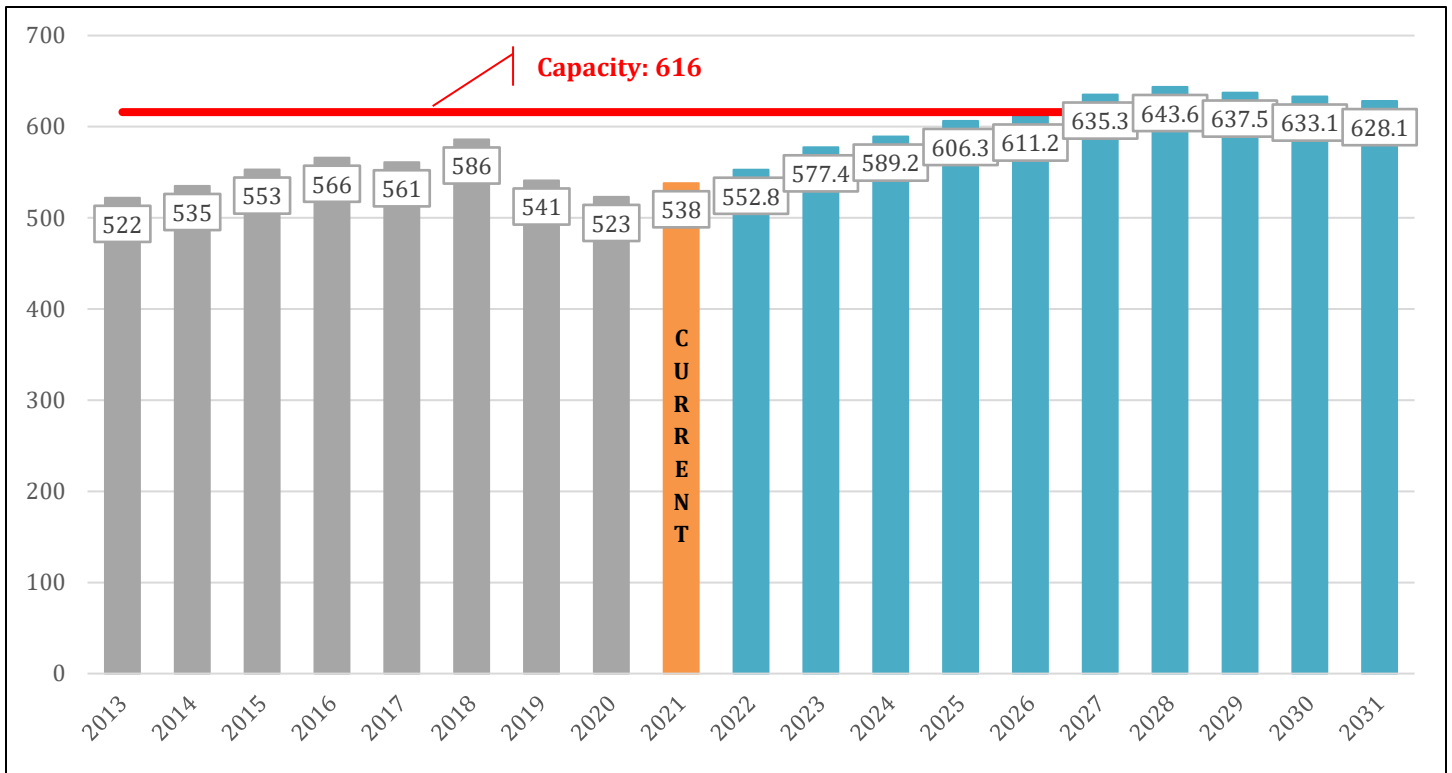




Middleton School District SY2021/22 Demographic Report

Mill Creek Elementary																			
Grade	Historic Resident Students									Current	Forecasted Resident Students								
	SY 2013	SY 2014	SY 2015	SY 2016	SY 2017	SY 2018	SY 2019	SY 2020	SY 2021	SY 2022	SY 2023	SY 2024	SY 2025	SY 2026	SY 2027	SY 2028	SY 2029	SY 2030	SY 2031
K	84	80	78	85	81	96	87	92	75	85.5	89.1	91.2	91.9	94.5	97.7	98.5	98.1	98.8	98.9
1	87	89	80	83	88	102	92	86	98	80.9	93.5	96.5	98.4	99.4	102.1	104.4	102.8	102.4	102.5
2	85	97	106	86	91	97	84	96	86	101.6	86.2	98.0	100.8	103.1	104.0	105.7	105.7	104.1	103.1
3	70	91	105	109	85	94	89	88	96	89.6	106.9	90.7	102.4	105.4	107.7	107.7	107.0	107.0	104.8
4	85	82	90	110	112	93	90	83	91	100.6	95.8	112.5	96.0	108.1	111.1	112.5	110.1	109.4	108.7
5	111	96	94	93	104	104	99	78	92	94.6	105.9	100.3	116.8	100.7	112.7	114.8	113.8	111.4	110.1
Actual Resident Students										Forecasted Resident Students									
Total K-5	522	535	553	566	561	586	541	523	538	552.8	577.4	589.2	606.3	611.2	635.3	643.6	637.5	633.1	628.1

Annual Change	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031
	13.0	18.0	13.0	-5.0	25.0	-45.0	-18.0	15.0	14.8	24.6	11.8	17.1	4.9	24.1	8.3	-6.1	-4.4	-5.0
	2.5%	3.4%	2.4%	-0.9%	4.5%	-7.7%	-3.3%	2.9%	2.8%	4.5%	2.0%	2.9%	0.8%	3.9%	1.3%	-0.9%	-0.7%	-0.8%

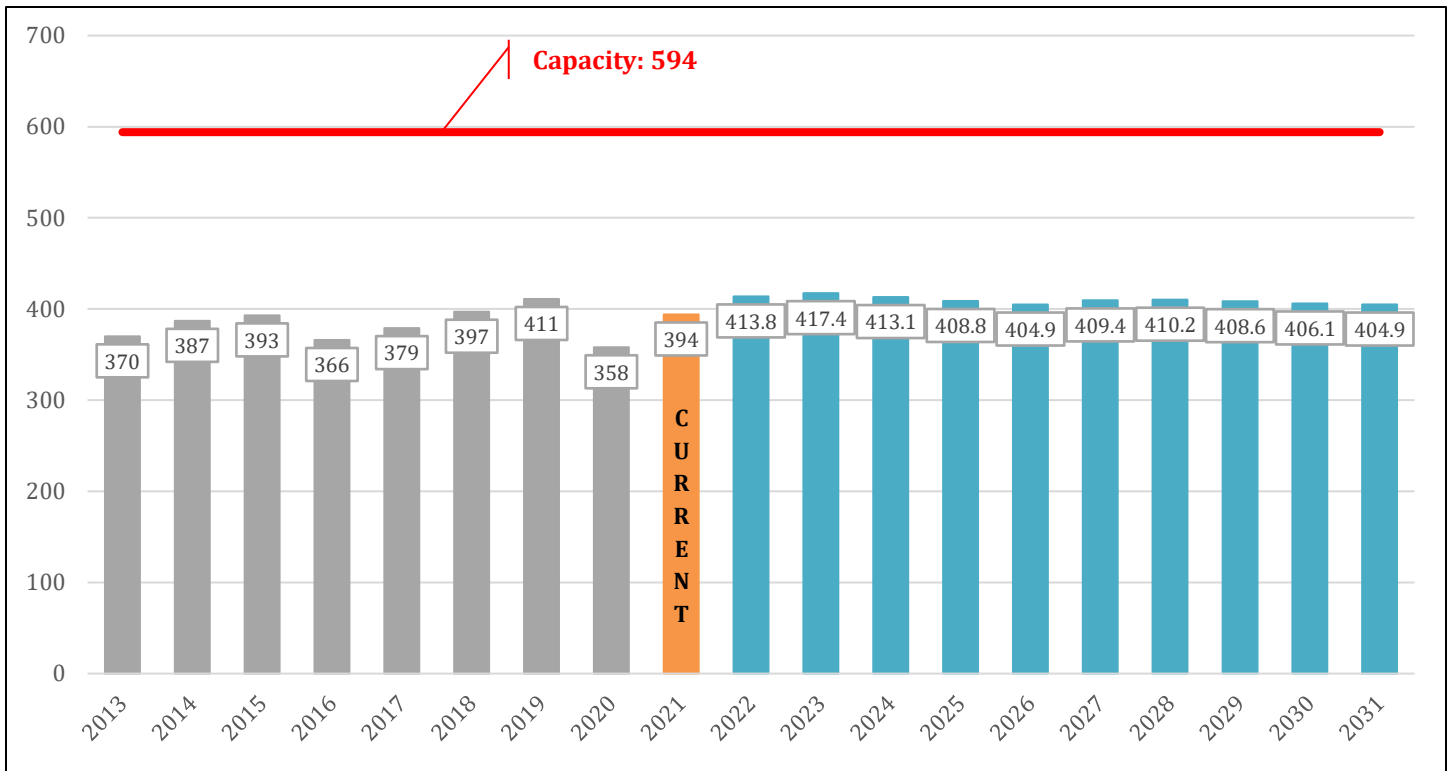




Middleton School District SY2021/22 Demographic Report

Purple Sage Elementary																			
Grade	Historic Resident Students								Current	Forecasted Resident Students									
	SY 2013	SY 2014	SY 2015	SY 2016	SY 2017	SY 2018	SY 2019	SY 2020	SY 2021	SY 2022	SY 2023	SY 2024	SY 2025	SY 2026	SY 2027	SY 2028	SY 2029	SY 2030	SY 2031
K	49	67	64	41	59	73	71	56	57	61.8	62.4	62.8	62.5	63.5	63.7	63.9	63.9	63.9	63.9
1	54	52	70	69	52	64	72	64	68	60.6	65.1	65.3	65.8	65.3	66.1	66.4	66.1	65.8	65.8
2	58	60	59	80	66	58	66	64	71	71.2	63.2	67.4	67.7	68.0	67.3	68.2	68.0	67.5	67.2
3	82	58	60	56	69	67	58	57	73	73.5	73.3	64.9	69.2	69.3	69.4	68.7	69.1	68.7	68.1
4	59	92	57	59	70	71	74	45	68	74.8	74.9	74.4	65.9	70.0	70.0	70.2	69.0	69.1	68.7
5	68	58	83	61	63	64	70	72	57	71.9	78.5	78.3	77.7	68.8	72.9	72.8	72.5	71.1	71.2
Actual Resident Students									Forecasted Resident Students										
Total K-5	370	387	393	366	379	397	411	358	394	413.8	417.4	413.1	408.8	404.9	409.4	410.2	408.6	406.1	404.9

Annual Change	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031
	17.0	6.0	-27.0	13.0	18.0	14.0	-53.0	36.0	19.8	3.6	-4.3	-4.3	-3.9	4.5	0.8	-1.6	-2.5	-1.2
	4.6%	1.6%	-6.9%	3.6%	4.7%	3.5%	-12.9%	10.1%	5.0%	0.9%	-1.0%	-1.0%	-1.0%	1.1%	0.2%	-0.4%	-0.6%	-0.3%

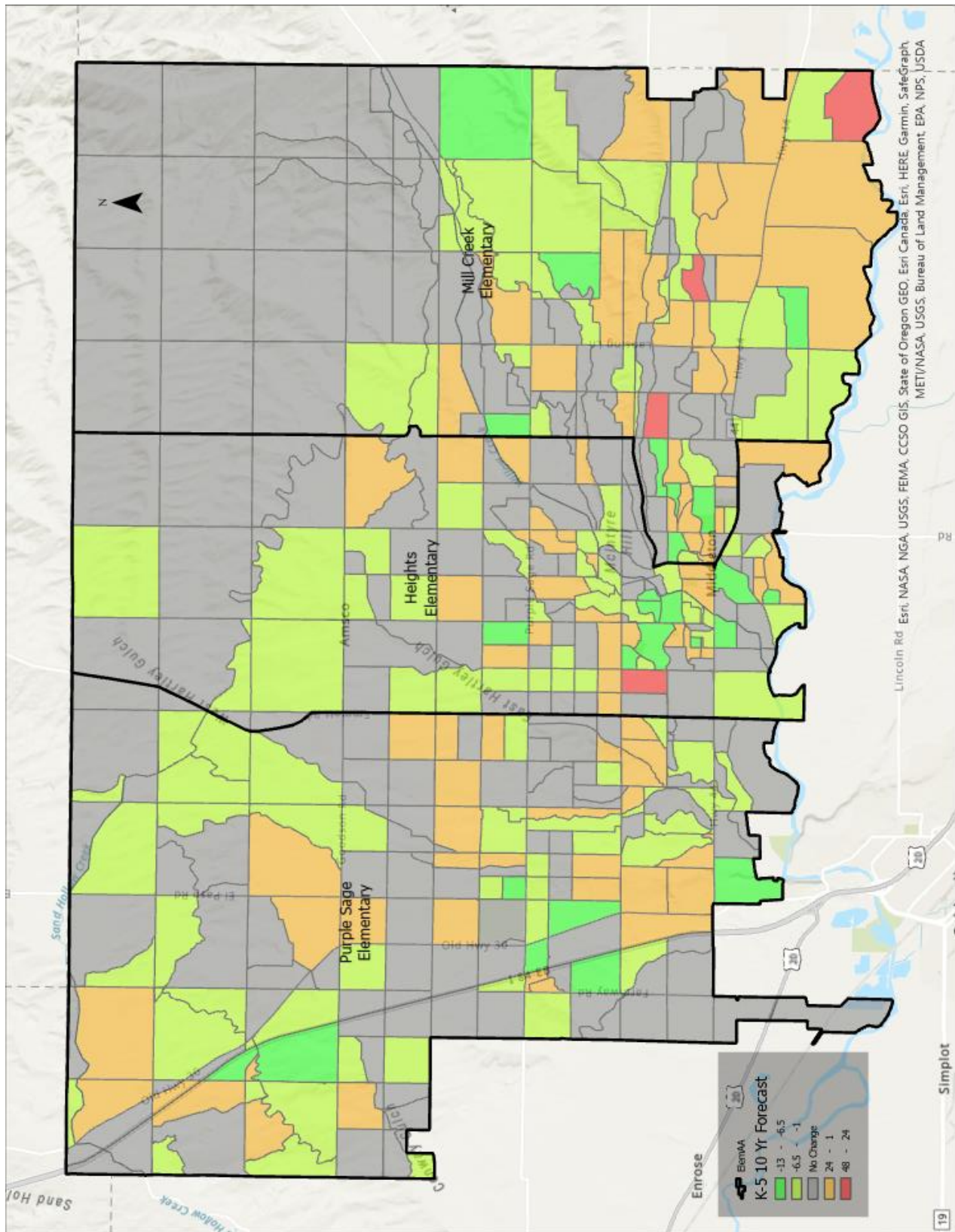


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Map 8

Projected Resident Elementary Students Population between SY2022 – SY2031





MIDDLE SCHOOL STUDENT POPULATION PROJECTION TRENDS

The Middleton School District currently has one comprehensive middle school, Middleton Middle School (MMS). Resident projections are based on the existing areas of the District and where the students live. This SY2021, MMS has 926 resident middle school students enrolled, and accepted 87 open enrollment students. According to the reported student data, resident student population had been increasing since SY2013 until last year. The school has over 1000 students as of this fall. Currently, MMS campus is operating at 83% of its site capacity (1,200).

These projections indicate MMS is projected to have continual growth over the next nine years. The resident student population is expected. MSD can expect an increase one two classes the next several years. The area is projected to gain of almost 100 students by SY2028 of these projections and surpass 1,100 resident student counts. On average, the annual changes will be about 5.5 students. There can be some shifts from year to year but nothing too extreme. This growth is directly attributed to the introduction of new homes to the area.

By the end of these projections, middle school student population is forecasted to grow over 10%. The student population will peak at about 1,100 students in SY2028. The chart below indicates how resident students have changed from SY2013 to SY2021, and how they will be forecasted over the next ten years. The chart is based on projections in the Middleton School District. Keep in mind these figures are based on snapshots of a given year (SY2021) and this type of study should be updated regularly.

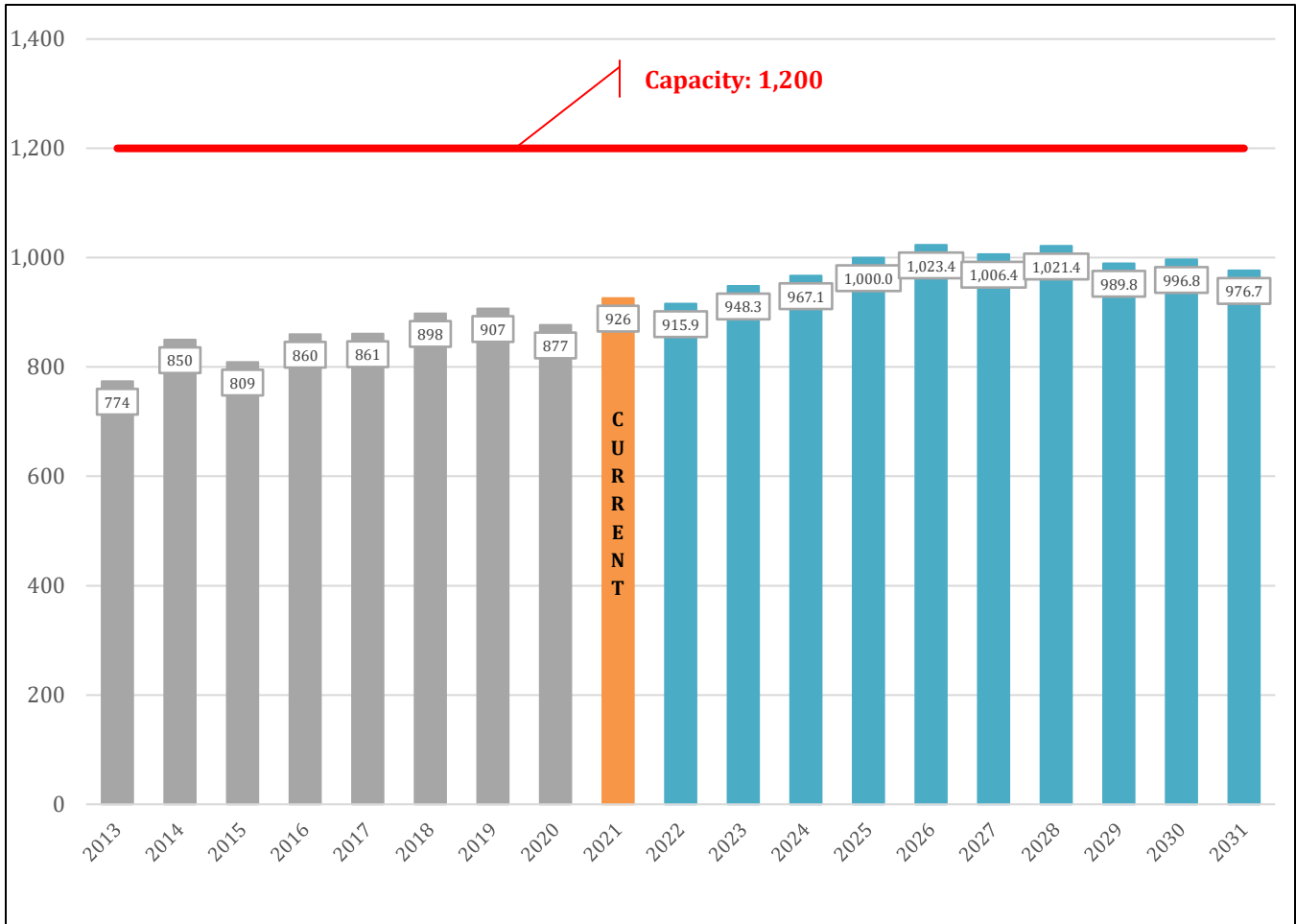
Chart 8
Historic and Ten-Year Projected Resident Middle School Students

Middleton Middle School																			
Grade	Historic Resident Students								Current	Forecasted Resident Students									
	SY 2013	SY 2014	SY 2015	SY 2016	SY 2017	SY 2018	SY 2019	SY 2020	SY 2021	SY 2022	SY 2023	SY 2024	SY 2025	SY 2026	SY 2027	SY 2028	SY 2029	SY 2030	SY 2031
K	208	236	218	206	235	267	249	236	219	242.5	251.0	259.5	261.2	266.3	269.7	271.3	270.2	270.9	271.0
1	236	220	256	244	230	267	261	226	267	237.6	263.9	273.7	280.0	278.7	281.7	284.0	281.1	279.7	279.8
2	218	263	260	276	258	252	251	250	240	280.1	252.6	279.9	287.4	290.8	287.2	289.1	286.9	283.7	281.7
3	244	235	277	276	274	272	252	242	266	254.2	296.9	270.2	295.4	299.9	301.1	296.3	293.6	291.2	287.3
4	221	270	239	282	303	283	266	221	272	272.5	263.0	305.1	276.2	298.2	300.6	300.7	291.8	289.0	286.0
5	280	233	287	251	281	295	280	256	256	290.5	292.7	284.0	324.8	292.4	312.4	313.6	309.1	299.6	296.1
6	243	292	244	295	274	291	304	269	294	272.2	310.0	314.1	303.2	340.6	305.1	324.5	321.1	316.4	306.2
7	288	262	298	260	311	283	314	288	305	317.3	293.9	334.9	337.5	323.6	358.3	320.5	335.8	332.1	326.7
8	243	296	267	305	276	324	289	320	327	326.4	344.4	318.1	359.3	359.2	343.0	376.4	332.9	348.3	343.8
Actual Resident Students									Forecasted Resident Students										
Total 6-8	774	850	809	860	861	898	907	877	926	915.9	948.3	967.1	1,000.0	1,023.4	1,006.4	1,021.4	989.8	996.8	976.7

Annual Change	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031
	76.0	-41.0	51.0	1.0	37.0	9.0	-30.0	49.0	-10.1	32.4	18.8	32.9	23.4	-17.0	15.0	-31.6	7.0	-20.1
	9.8%	-4.8%	6.3%	0.1%	4.3%	1.0%	-3.3%	5.6%	-1.1%	3.5%	2.0%	3.4%	2.3%	-1.7%	1.5%	-3.1%	0.7%	-2.0%



Middleton School District SY2021/22 Demographic Report

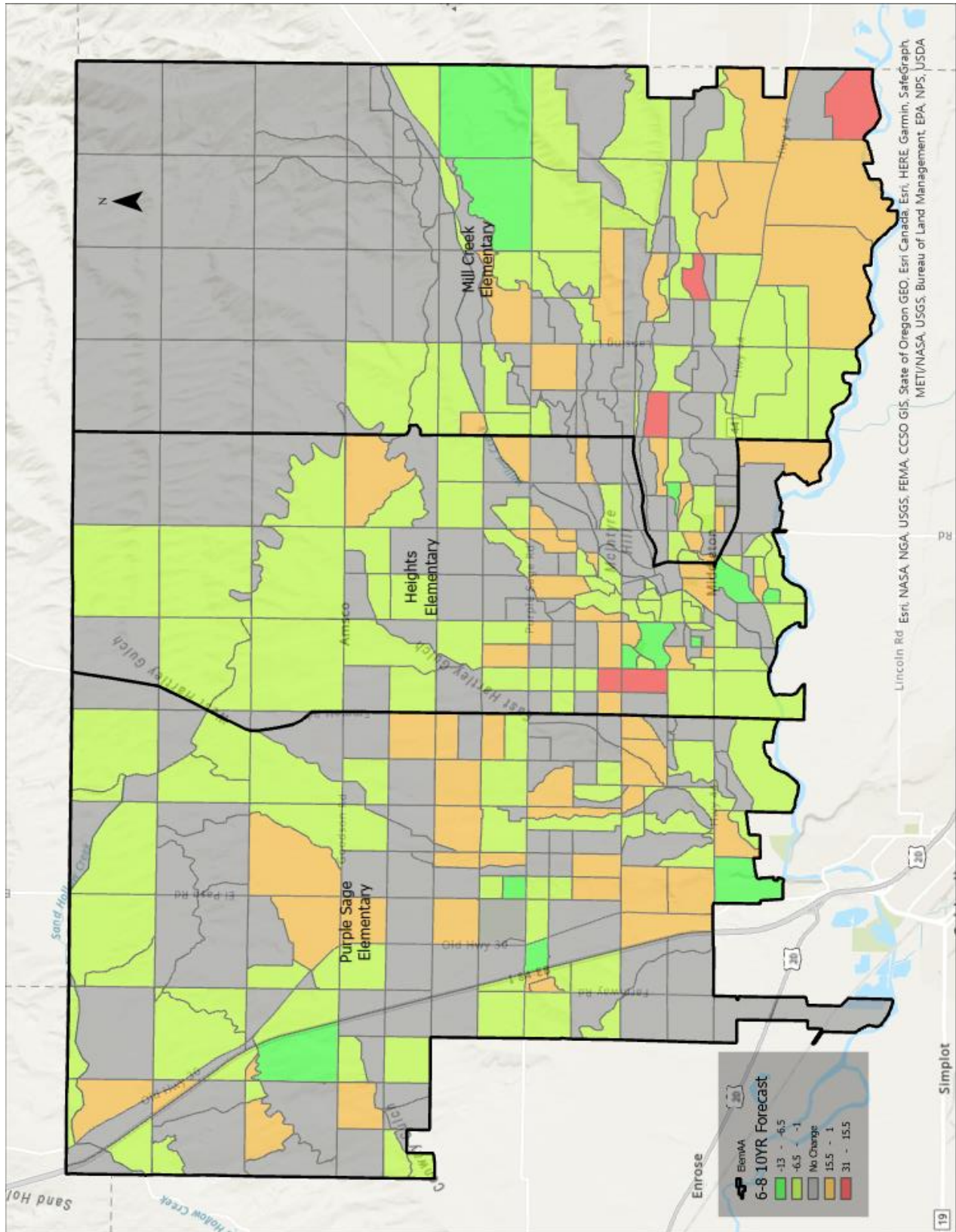


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Map 9

Projected Changes in Resident Middle Students Population between SY2022 – SY2031





HIGH SCHOOL STUDENT POPULATION PROJECTION TRENDS

The Middleton School District currently has one comprehensive high school, Middleton High School (MHS). Resident projections are based on the existing areas of the District and where the students live. For SY2021, the District reported a total of 1,354 resident high school students, up slightly from the 1,280 that was reported in SY2020. This SY2021, the school accepted 170 open enrollment students, making up 11.1% of the total enrollment (1,524). Currently, MHS campus is operating at 98% of its site capacity (1,550).

According to the high school projections, the area will reflect the districtwide projections pattern. MHS is forecasted to have continuous annual growth over the next 7 to 8 years, before slightly declining in SY2030 and SY2031. The high school student population will surpass 1,530 students in SY2024 and stay around that amount or more through SY2029. The projected resident growth may match total site capacity in year seven. The high school capacity could be surpassed next school year if open enrollment continues.

Chart 9

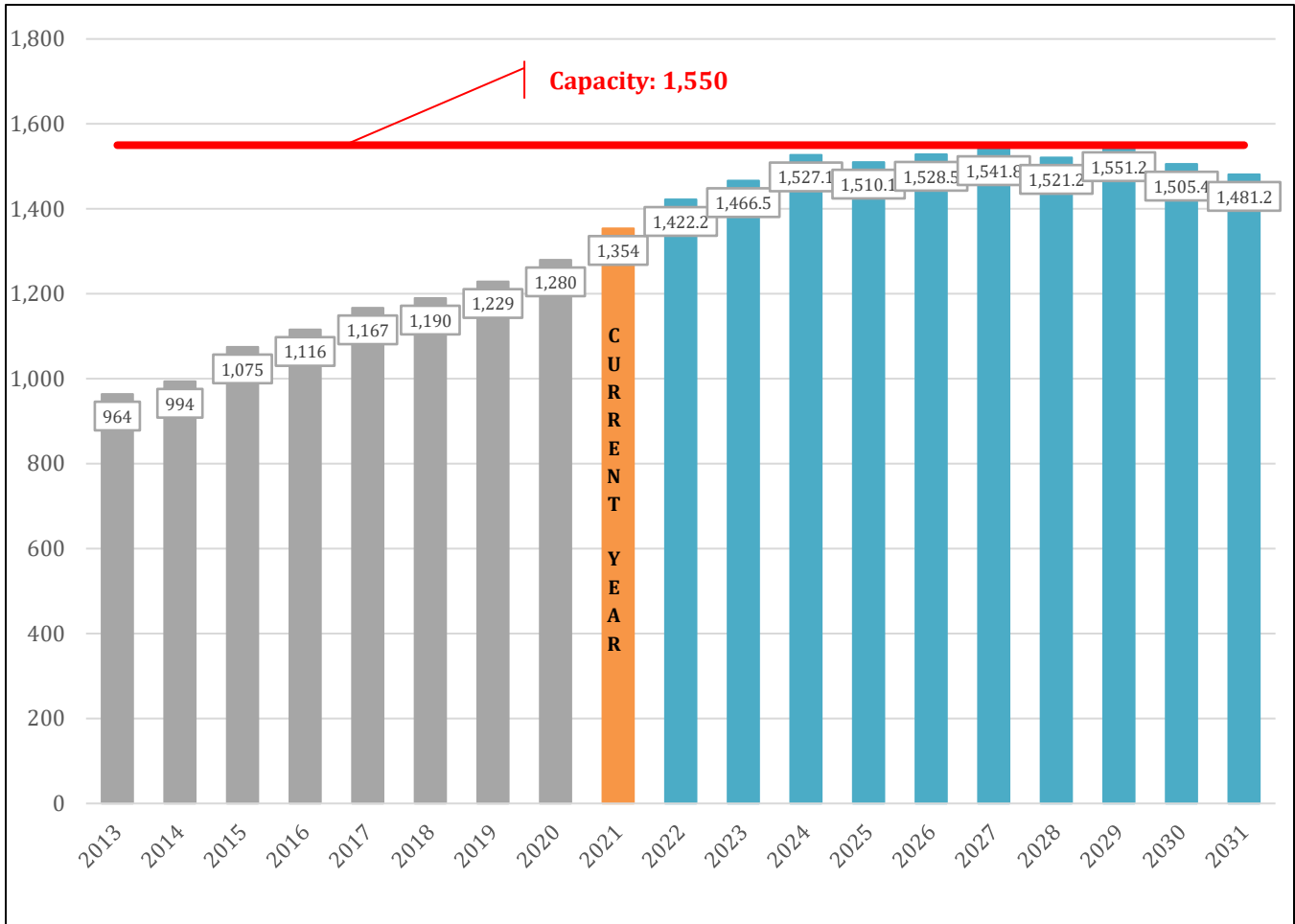
Historic and Ten-Year Projected Resident High School Students

Middleton High																			
Grade	Historic Resident Students								Current	Forecasted Resident Students									
	SY 2013	SY 2014	SY 2015	SY 2016	SY 2017	SY 2018	SY 2019	SY 2020	SY 2021	SY 2022	SY 2023	SY 2024	SY 2025	SY 2026	SY 2027	SY 2028	SY 2029	SY 2030	SY 2031
K	208	236	218	206	235	267	249	236	219	242.5	251.0	259.5	261.2	266.3	269.7	271.3	270.2	270.9	271.0
1	236	220	256	244	230	267	261	226	267	237.6	263.9	273.7	280.0	278.7	281.7	284.0	281.1	279.7	279.8
2	218	263	260	276	258	252	251	250	240	280.1	252.6	279.9	287.4	290.8	287.2	289.1	286.9	283.7	281.7
3	244	235	277	276	274	272	252	242	266	254.2	296.9	270.2	295.4	299.9	301.1	296.3	293.6	291.2	287.3
4	221	270	239	282	303	283	266	221	272	272.5	263.0	305.1	276.2	298.2	300.6	300.7	291.8	289.0	286.0
5	280	233	287	251	281	295	280	256	256	290.5	292.7	284.0	324.8	292.4	312.4	313.6	309.1	299.6	296.1
6	243	292	244	295	274	291	304	269	294	272.2	310.0	314.1	303.2	340.6	305.1	324.5	321.1	316.4	306.2
7	288	262	298	260	311	283	314	288	305	317.3	293.9	334.9	337.5	323.6	358.3	320.5	335.8	332.1	326.7
8	243	296	267	305	276	324	289	320	327	326.4	344.4	318.1	359.3	359.2	343.0	376.4	332.9	348.3	343.8
9	268	260	315	296	315	290	345	304	360	354.1	356.1	374.7	345.7	385.2	383.4	365.2	395.5	349.6	365.2
10	249	269	258	310	300	317	297	346	335	376.6	373.3	375.7	392.3	360.2	398.0	393.7	370.5	401.4	354.5
11	231	244	269	257	318	291	321	309	346	346.6	389.7	387.0	387.5	400.7	366.7	403.2	395.0	371.7	401.8
12	216	221	233	253	234	292	266	321	313	344.9	347.4	389.7	384.6	382.4	393.7	359.1	390.2	382.7	359.7
Actual Resident Students									Forecasted Resident Students										
Total 9-12	964	994	1,075	1,116	1,167	1,190	1,229	1,280	1,354	1,422.2	1,466.5	1,527.1	1,510.1	1,528.5	1,541.8	1,521.2	1,551.2	1,505.4	1,481.2

Annual Change	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031
	30.0	81.0	41.0	51.0	23.0	39.0	51.0	74.0	68.2	44.3	60.6	-17.0	18.4	13.3	-20.6	30.0	-45.8	-24.2
	3.1%	8.1%	3.8%	4.6%	2.0%	3.3%	4.1%	5.8%	5.0%	3.1%	4.1%	-1.1%	1.2%	0.9%	-1.3%	2.0%	-3.0%	-1.6%



Middleton School District SY2021/22 Demographic Report

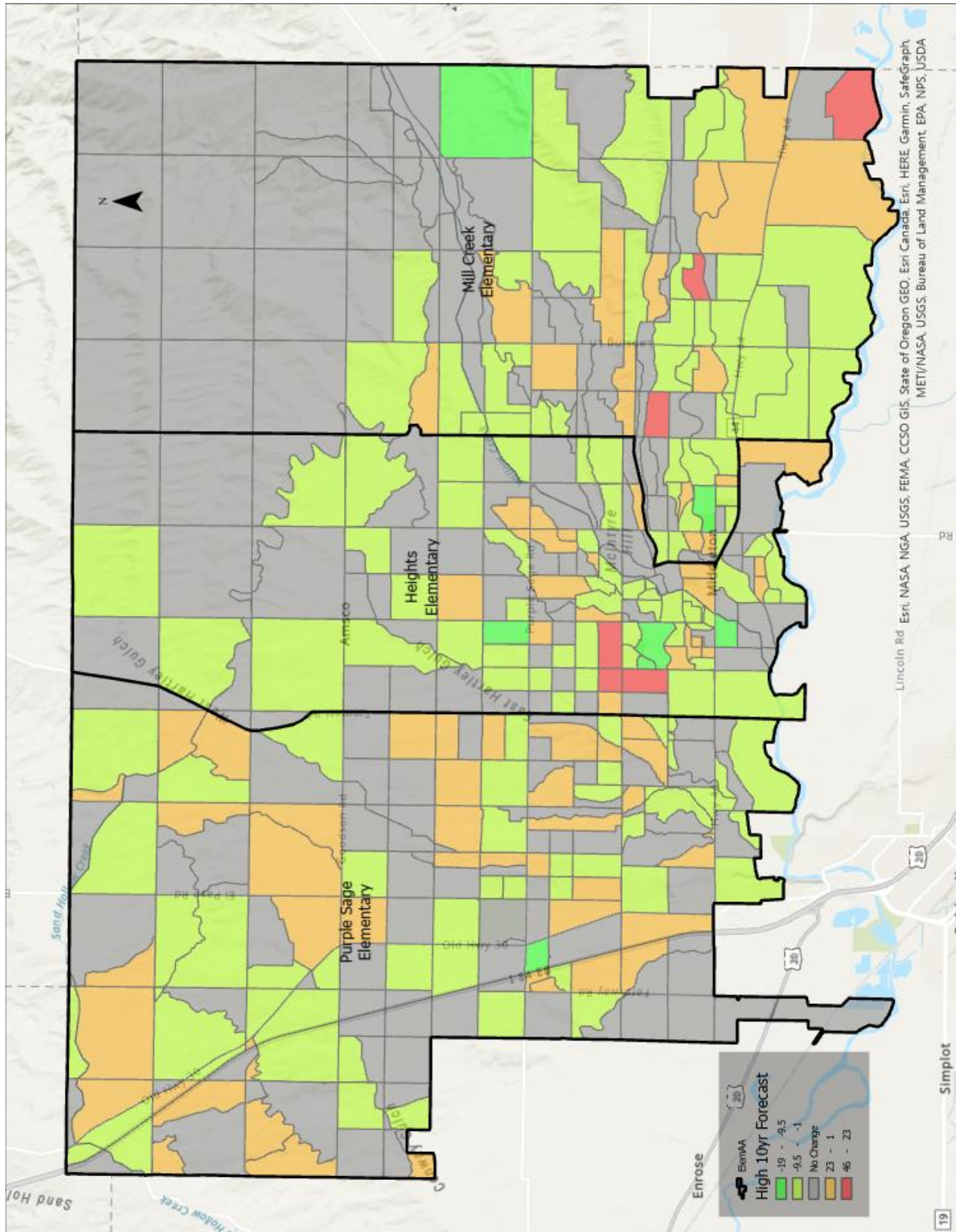


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Map 10

Projected Change in Resident High Students Population between SY2022 – SY2031





APPENDIX - DEMOGRAPHIC AND INCOME PROFILE PROVIDED BY CENSUS

Data provided on the following pages is based on geographically related information of Deer Creek School District based on a third-party source using Esri analytics in combination with Census information and American Community Survey. This information is provided by Davis Demographics as supplemental information about the district. Davis did not research nor guarantees accuracy of the Census data. Demographic And Income Profile Provided By Census.

Methodology Statement

- **Demographic and Income Profile / Community Profile:** Esri forecasts for 2020 and 2025. Esri Updated Demographics are point estimates representing July 1 of the current and forecast years. The following table summarizes the updated demographic variables. Also included are select averages, medians, aggregates, and per capita values.
- **American Community Survey (ACS) Housing Summary:** Esri provides reports, data enrichment, and thematic mapping for ACS estimates in standard geographies, current ZIP codes, and user-defined polygons. Reports include two summary profiles, Population and Housing. Esri's reports/maps are designed to simplify the data and enhance its usability with reliability thresholds. ACS data provides much of the information previously available through the decennial census. ACS uses a continuous measurement or "rolling" sample, in which a small percent of the population is sampled every month. The ACS is updated and released more frequently than the decennial census—every year instead of every ten years. Smaller sample sizes and variable collection times have introduced a margin of error into their estimates.
- **Tapestry Segmentation:** provides an accurate, detailed description of America's neighborhoods—U.S. residential areas are divided into 67 distinctive segments based on their socioeconomic and demographic composition—then further classifies the segments into LifeMode and Urbanization Groups. Each year, population and household count by Tapestry segment are updated. While most geographic areas retain their original Tapestry Segment assignment, select areas may be assigned a new market segment when research uncovers new or significant local growth. The entire Tapestry Segmentation system is refreshed every three to five years, resulting in a more comprehensive reassignment in rapidly changing neighborhoods. Tapestry is a geodemographic segmentation system that integrates consumer traits with residential characteristics to identify markets and classify US neighborhoods. Neighborhoods with the most similar characteristics are grouped together, while neighborhoods with divergent characteristics are separated. Internally homogenous, externally heterogeneous market segments depict consumers' lifestyles and lifestages. Tapestry Segmentation combines the "who" of lifestyle demography with the "where" of local geography to create a classification model with 67 distinct, behavioral market segments.

Middleton's two largest tapestry segment are [Green Acres](#). (53.7%) and [Middleburg](#) (32.4%). The original Green Acres lifestyle features country living and self-reliance. Avid do-it-yourselfers, they maintain and remodel their homes, with all the necessary power tools to accomplish the jobs. Gardening, especially growing vegetables, is a priority, again with the right tools, tillers, tractors, and riding mowers. Outdoor living features a variety of sports: hunting and fishing, motorcycling, hiking, and camping, and even golf. While Middleburg neighborhoods transformed from the easy pace of country living to semirural subdivisions in the last decade, as the housing boom spread beyond large metropolitan cities. Residents are traditional, family-oriented consumers. Still more country than rock and roll, they are thrifty but willing to carry some debt and are already investing in their futures.



Middleton School District SY2021/22 Demographic Report



Demographic and Income Profile

Prepared using SchoolSite by DDP

Summary	Census 2010		2021		2026	
Population	15,098		20,555		23,625	
Households	5,157		7,060		8,110	
Families	4,071		5,461		6,241	
Average Household Size	2.93		2.91		2.91	
Owner Occupied Housing Units	4,213		6,034		7,016	
Renter Occupied Housing Units	944		1,026		1,093	
Median Age	36.6		39.3		39.7	
Trends: 2021-2026 Annual Rate	Area		State		National	
Population	2.82%		1.67%		0.71%	
Households	2.81%		1.67%		0.71%	
Families	2.71%		1.56%		0.64%	
Owner HHs	3.06%		1.92%		0.91%	
Median Household Income	2.62%		2.21%		2.41%	
Households by Income	Census 2010		2021		2026	
	Number	Percent	Number	Percent	Number	Percent
<\$15,000	419	5.9%	396	4.9%	419	4.9%
\$15,000 - \$24,999	561	7.9%	548	6.8%	561	6.8%
\$25,000 - \$34,999	625	8.9%	629	7.8%	625	7.8%
\$35,000 - \$49,999	969	13.7%	965	11.9%	969	11.9%
\$50,000 - \$74,999	1,208	17.1%	1,316	16.2%	1,208	16.2%
\$75,000 - \$99,999	1,175	16.6%	1,439	17.7%	1,175	17.7%
\$100,000 - \$149,999	1,134	16.1%	1,515	18.7%	1,134	18.7%
\$150,000 - \$199,999	473	6.7%	668	8.2%	473	8.2%
\$200,000+	497	7.0%	633	7.8%	497	7.8%
Median Household Income	\$68,166		\$77,566		\$77,566	
Average Household Income	\$89,505		\$100,316		\$100,316	
Per Capita Income	\$30,740		\$34,434		\$34,434	
Population by Age	Census 2010		2021		2026	
	Number	Percent	Number	Percent	Number	Percent
0 - 4	1,090	7.2%	1,345	6.5%	1,505	6.4%
5 - 9	1,339	8.9%	1,436	7.0%	1,650	7.0%
10 - 14	1,374	9.1%	1,507	7.3%	1,754	7.4%
15 - 19	1,171	7.8%	1,473	7.2%	1,551	6.6%
20 - 24	602	4.0%	1,144	5.6%	1,174	5.0%
25 - 34	1,638	10.8%	2,368	11.5%	2,884	12.2%
35 - 44	2,175	14.4%	2,498	12.2%	2,761	11.7%
45 - 54	2,232	14.8%	2,709	13.2%	2,944	12.5%
55 - 64	1,801	11.9%	2,816	13.7%	3,091	13.1%
65 - 74	1,081	7.2%	2,092	10.2%	2,586	10.9%
75 - 84	456	3.0%	933	4.5%	1,401	5.9%
85+	138	0.9%	232	1.1%	322	1.4%
Race and Ethnicity	Census 2010		2021		2026	
	Number	Percent	Number	Percent	Number	Percent
White Alone	14,033	92.9%	18,804	91.5%	21,434	90.7%
Black Alone	29	0.2%	53	0.3%	73	0.3%
American Indian Alone	112	0.7%	155	0.8%	185	0.8%
Asian Alone	71	0.5%	123	0.6%	154	0.7%
Pacific Islander Alone	10	0.1%	18	0.1%	22	0.1%
Some Other Race Alone	497	3.3%	784	3.8%	948	4.0%
Two or More Races	346	2.3%	618	3.0%	808	3.4%
Hispanic Origin (Any Race)	1,399	9.3%	2,210	10.8%	2,694	11.4%

Data Note: Income is expressed in current dollars.

Source: U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2021 and 2026.

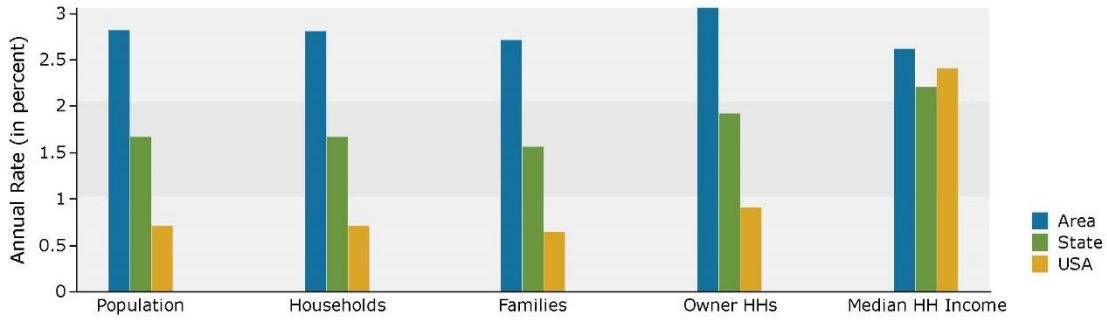
February 09, 2022



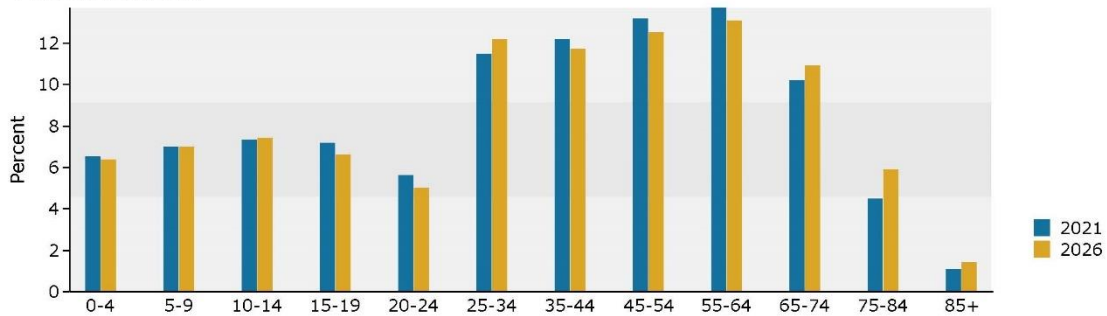
Demographic and Income Profile

Prepared using SchoolSite by DDP

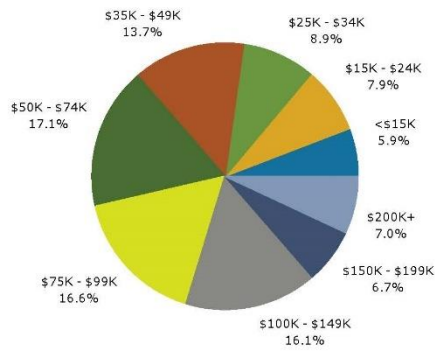
Trends 2021-2026



Population by Age



2021 Household Income



2021 Population by Race



2021 Percent Hispanic Origin: 10.8%

Source: U.S. Census Bureau, Census 2010 Summary File 1. Esri forecasts for 2021 and 2026.

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
TOTALS				
Total Population	19,099		578	High
Total Households	6,250		206	High
Total Housing Units	6,638		218	High
OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS				
Total	5,437	100.0%	193	High
Housing units with a mortgage/contract to purchase/similar debt	4,067	74.8%	194	High
Second mortgage only	108	2.0%	50	Medium
Home equity loan only	361	6.6%	73	Medium
Both second mortgage and home equity loan	24	0.4%	20	Low
No second mortgage and no home equity loan	3,573	65.7%	202	High
Housing units without a mortgage	1,370	25.2%	98	High
AVERAGE VALUE BY MORTGAGE STATUS				
Housing units with a mortgage	\$260,734		\$18,748	High
Housing units without a mortgage	\$316,222		\$53,111	High
OWNER-OCCUPIED HOUSING UNITS BY MORTGAGE STATUS & SELECTED MONTHLY OWNER COSTS				
Total	5,437	100.0%	193	High
With a mortgage: Monthly owner costs as a percentage of household income in past 12 months				
Less than 10.0 percent	192	3.5%	37	High
10.0 to 14.9 percent	662	12.2%	99	High
15.0 to 19.9 percent	973	17.9%	128	High
20.0 to 24.9 percent	743	13.7%	109	High
25.0 to 29.9 percent	301	5.5%	60	Medium
30.0 to 34.9 percent	223	4.1%	57	Medium
35.0 to 39.9 percent	201	3.7%	57	Medium
40.0 to 49.9 percent	224	4.1%	43	High
50.0 percent or more	470	8.6%	104	Medium
Not computed	78	1.4%	68	Low
Without a mortgage: Monthly owner costs as a percentage of household income in past 12 months				
Less than 10.0 percent	750	13.8%	80	High
10.0 to 14.9 percent	282	5.2%	63	Medium
15.0 to 19.9 percent	149	2.7%	35	Medium
20.0 to 24.9 percent	49	0.9%	17	Medium
25.0 to 29.9 percent	32	0.6%	16	Medium
30.0 to 34.9 percent	24	0.4%	19	Low
35.0 to 39.9 percent	34	0.6%	39	Low
40.0 to 49.9 percent	17	0.3%	29	Low
50.0 percent or more	32	0.6%	25	Low
Not computed	1	0.0%	12	Low

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High Medium Low

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT				
Total	813	100.0%	130	High
With cash rent	721	88.7%	128	High
Less than \$100	0	0.0%	0	
\$100 to \$149	34	4.2%	53	Low
\$150 to \$199	11	1.4%	15	Low
\$200 to \$249	12	1.5%	32	Low
\$250 to \$299	0	0.0%	0	
\$300 to \$349	3	0.4%	23	Low
\$350 to \$399	2	0.2%	16	Low
\$400 to \$449	0	0.0%	0	
\$450 to \$499	12	1.5%	13	Low
\$500 to \$549	179	22.0%	82	Medium
\$550 to \$599	58	7.1%	62	Low
\$600 to \$649	54	6.6%	40	Low
\$650 to \$699	25	3.1%	26	Low
\$700 to \$749	61	7.5%	39	Medium
\$750 to \$799	40	4.9%	37	Low
\$800 to \$899	55	6.8%	22	Medium
\$900 to \$999	11	1.4%	14	Low
\$1,000 to \$1,249	31	3.8%	29	Low
\$1,250 to \$1,499	10	1.2%	13	Low
\$1,500 to \$1,999	105	12.9%	108	Low
\$2,000 to \$2,499	0	0.0%	0	
\$2,500 to \$2,999	0	0.0%	0	
\$3,000 to \$3,499	18	2.2%	29	Low
\$3,500 or more	0	0.0%	0	
No cash rent	92	11.3%	77	Low
Median Contract Rent	\$646		N/A	
Average Contract Rent	N/A		N/A	
RENTER-OCCUPIED HOUSING UNITS BY INCLUSION OF UTILITIES IN RENT				
Total	813	100.0%	130	High
Pay extra for one or more utilities	798	98.2%	131	High
No extra payment for any utilities	15	1.8%	33	Low

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High medium low

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
RENTER-OCCUPIED HOUSING UNITS BY GROSS RENT				
Total:	813	100.0%	130	High
With cash rent:	721	88.7%	128	High
Less than \$100	0	0.0%	0	
\$100 to \$149	0	0.0%	0	
\$150 to \$199	0	0.0%	0	
\$200 to \$249	16	2.0%	14	Low
\$250 to \$299	34	4.2%	53	Low
\$300 to \$349	2	0.2%	18	Low
\$350 to \$399	4	0.5%	34	Low
\$400 to \$449	0	0.0%	0	
\$450 to \$499	0	0.0%	3	
\$500 to \$549	8	1.0%	69	Low
\$550 to \$599	6	0.7%	81	Low
\$600 to \$649	94	11.6%	69	Low
\$650 to \$699	129	15.9%	78	Medium
\$700 to \$749	60	7.4%	28	Medium
\$750 to \$799	13	1.6%	16	Low
\$800 to \$899	56	6.9%	37	Low
\$900 to \$999	90	11.1%	49	Medium
\$1,000 to \$1,249	45	5.5%	26	Medium
\$1,250 to \$1,499	42	5.2%	29	Low
\$1,500 to \$1,999	51	6.3%	78	Low
\$2,000 to \$2,499	54	6.6%	81	Low
\$2,500 to \$2,999	0	0.0%	0	
\$3,000 to \$3,499	0	0.0%	0	
\$3,500 or more	18	2.2%	29	Low
No cash rent	92	11.3%	77	Low
Median Gross Rent	\$781		N/A	Low
Average Gross Rent	N/A		N/A	Low

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High medium low

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
HOUSING UNITS BY UNITS IN STRUCTURE				
Total	6,638	100.0%	218	High
1, detached	5,577	84.0%	214	High
1, attached	92	1.4%	48	Medium
2	2	0.0%	21	Low
3 or 4	77	1.2%	50	Medium
5 to 9	56	0.8%	62	Medium
10 to 19	19	0.3%	20	Low
20 to 49	10	0.2%	16	Low
50 or more	26	0.4%	34	Low
Mobile home	715	10.8%	105	High
Boat, RV, van, etc.	64	1.0%	62	Low
HOUSING UNITS BY YEAR STRUCTURE BUILT				
Total	6,638	100.0%	218	High
Built 2014 or later	499	7.5%	72	High
Built 2010 to 2013	531	8.0%	92	High
Built 2000 to 2009	1,833	27.6%	144	High
Built 1990 to 1999	1,489	22.4%	137	High
Built 1980 to 1989	527	7.9%	91	High
Built 1970 to 1979	1,097	16.5%	134	High
Built 1960 to 1969	175	2.6%	51	Medium
Built 1950 to 1959	221	3.3%	42	High
Built 1940 to 1949	154	2.3%	52	Medium
Built 1939 or earlier	113	1.7%	62	Medium
Median Year Structure Built	1997		N/A	
OCCUPIED HOUSING UNITS BY YEAR HOUSEHOLDER MOVED INTO UNIT				
Total	6,250	100.0%	206	High
Owner occupied				
Moved in 2017 or later	595	9.5%	98	High
Moved in 2015 to 2016	753	12.0%	87	High
Moved in 2010 to 2014	1,445	23.1%	134	High
Moved in 2000 to 2009	1,700	27.2%	147	High
Moved in 1990 to 1999	604	9.7%	75	High
Moved in 1989 or earlier	340	5.4%	52	High
Renter occupied				
Moved in 2017 or later	158	2.5%	55	Medium
Moved in 2015 to 2016	256	4.1%	67	Medium
Moved in 2010 to 2014	196	3.1%	84	Medium
Moved in 2000 to 2009	167	2.7%	82	Medium
Moved in 1990 to 1999	21	0.3%	29	Low
Moved in 1989 or earlier	15	0.2%	26	Low
Median Year Householder Moved Into Unit	2011		N/A	

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High Medium Low

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
OCCUPIED HOUSING UNITS BY HOUSE HEATING FUEL				
Total	6,250	100.0%	206	High
Utility gas	2,958	47.3%	187	High
Bottled, tank, or LP gas	289	4.6%	54	High
Electricity	2,177	34.8%	127	High
Fuel oil, kerosene, etc.	181	2.9%	68	Medium
Coal or coke	0	0.0%	0	
Wood	472	7.6%	65	High
Solar energy	0	0.0%	0	
Other fuel	132	2.1%	51	Medium
No fuel used	42	0.7%	45	Low
OCCUPIED HOUSING UNITS BY VEHICLES AVAILABLE				
Total	6,250	100.0%	206	High
Owner occupied				
No vehicle available	75	1.2%	51	Low
1 vehicle available	648	10.4%	85	High
2 vehicles available	2,205	35.3%	154	High
3 vehicles available	1,553	24.8%	140	High
4 vehicles available	676	10.8%	98	High
5 or more vehicles available	280	4.5%	63	Medium
Renter occupied				
No vehicle available	53	0.8%	63	Low
1 vehicle available	339	5.4%	105	Medium
2 vehicles available	199	3.2%	49	Medium
3 vehicles available	149	2.4%	71	Medium
4 vehicles available	71	1.1%	63	Low
5 or more vehicles available	3	0.0%	12	Low
Average Number of Vehicles Available	N/A		N/A	
VACANT HOUSING UNITS				
Total vacant housing units	386	100.0%	87	Medium
For rent	84	21.8%	57	Low
Rented, not occupied	0	0.0%	0	
For sale only	50	13.0%	73	Low
Sold, not occupied	49	12.7%	75	Low
Seasonal/occasional	45	11.7%	68	Low
For migrant workers	7	1.8%	65	Low
Other	151	39.1%	69	Medium

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High Medium Low

February 09, 2022



ACS Housing Summary

Prepared using SchoolSite by DDP

	2015-2019 ACS Estimate	Percent	MOE(±)	Reliability
OWNER-OCCUPIED HOUSING UNITS BY VALUE				
Total	5,437	100%	193	High
Less than \$10,000	25	0.5%	16	Medium
\$10,000 to \$14,999	24	0.4%	18	Low
\$15,000 to \$19,999	57	1.0%	91	Low
\$20,000 to \$24,999	61	1.1%	40	Medium
\$25,000 to \$29,999	51	0.9%	25	Medium
\$30,000 to \$34,999	0	0.0%	0	
\$35,000 to \$39,999	16	0.3%	22	Low
\$40,000 to \$49,999	18	0.3%	17	Low
\$50,000 to \$59,999	31	0.6%	24	Low
\$60,000 to \$69,999	28	0.5%	14	Medium
\$70,000 to \$79,999	24	0.4%	17	Low
\$80,000 to \$89,999	165	3.0%	70	Medium
\$90,000 to \$99,999	47	0.9%	23	Medium
\$100,000 to \$124,999	345	6.3%	68	High
\$125,000 to \$149,999	491	9.0%	102	High
\$150,000 to \$174,999	390	7.2%	87	High
\$175,000 to \$199,999	293	5.4%	77	High
\$200,000 to \$249,999	746	13.7%	111	High
\$250,000 to \$299,999	797	14.7%	96	High
\$300,000 to \$399,999	1,082	19.9%	117	High
\$400,000 to \$499,999	359	6.6%	92	High
\$500,000 to \$749,999	309	5.7%	69	High
\$750,000 to \$999,999	45	0.8%	65	Low
\$1,000,000 to \$1,499,999	0	0.0%	0	
\$1,500,000 to \$1,999,999	0	0.0%	0	
\$2,000,000 or more	34	0.6%	19	Medium
Median Home Value	\$243,767		N/A	Low
Average Home Value	\$274,716		\$17,606	High

Data Note: N/A means not available.

2015-2019 ACS Estimate: The American Community Survey (ACS) replaces census sample data. Esri is releasing the 2015-2019 ACS estimates, five-year period data collected monthly from January 1, 2015 through December 31, 2019. Although the ACS includes many of the subjects previously covered by the decennial census sample, there are significant differences between the two surveys including fundamental differences in survey design and residency rules.

Margin of error (MOE): The MOE is a measure of the variability of the estimate due to sampling error. MOEs enable the data user to measure the range of uncertainty for each estimate with 90 percent confidence. The range of uncertainty is called the confidence interval, and it is calculated by taking the estimate +/- the MOE. For example, if the ACS reports an estimate of 100 with an MOE of +/- 20, then you can be 90 percent certain the value for the whole population falls between 80 and 120.

Reliability: These symbols represent threshold values that Esri has established from the Coefficients of Variation (CV) to designate the usability of the estimates. The CV measures the amount of sampling error relative to the size of the estimate, expressed as a percentage.

- High Reliability: Small CVs (less than or equal to 12 percent) are flagged green to indicate that the sampling error is small relative to the estimate and the estimate is reasonably reliable.
- Medium Reliability: Estimates with CVs between 12 and 40 are flagged yellow-use with caution.
- Low Reliability: Large CVs (over 40 percent) are flagged red to indicate that the sampling error is large relative to the estimate. The estimate is considered very unreliable.

Source: U.S. Census Bureau, 2015-2019 American Community Survey

Reliability: High medium low

February 09, 2022



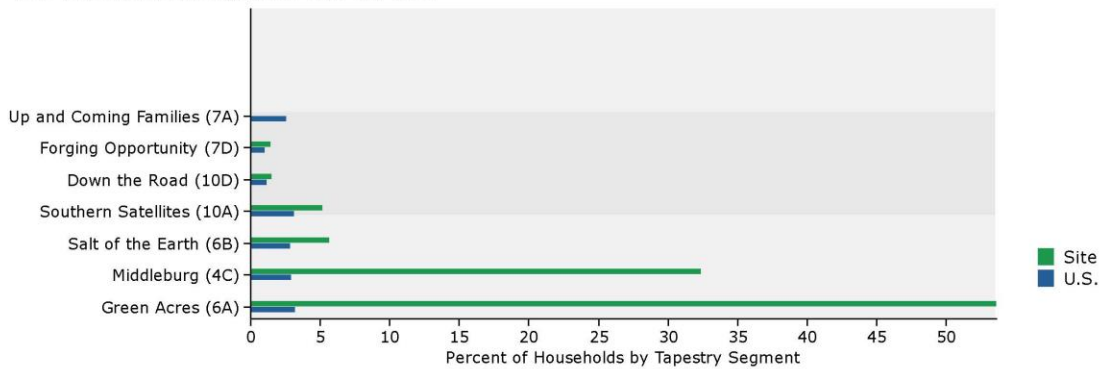
Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP

Top Twenty Tapestry Segments

Rank	Tapestry Segment	2021 Households		2021 U.S. Households		Index
		Percent	Cumulative Percent	Percent	Cumulative Percent	
1	Green Acres (6A)	53.7%	53.7%	3.3%	3.3%	1647
2	Middleburg (4C)	32.4%	86.1%	3.0%	6.2%	1,091
3	Salt of the Earth (6B)	5.7%	91.8%	2.9%	9.1%	199
4	Southern Satellites (10A)	5.2%	97.0%	3.2%	12.3%	163
5	Down the Road (10D)	1.5%	98.5%	1.2%	13.4%	133
Subtotal		98.5%		13.6%		
6	Forging Opportunity (7D)	1.5%	100.0%	1.0%	14.5%	142
7	Up and Coming Families (7A)	0.0%	100.0%	2.6%	17.1%	1
Subtotal		1.5%		3.6%		
Total		100.0%		17.1%		585

Top Ten Tapestry Segments Site vs. U.S.



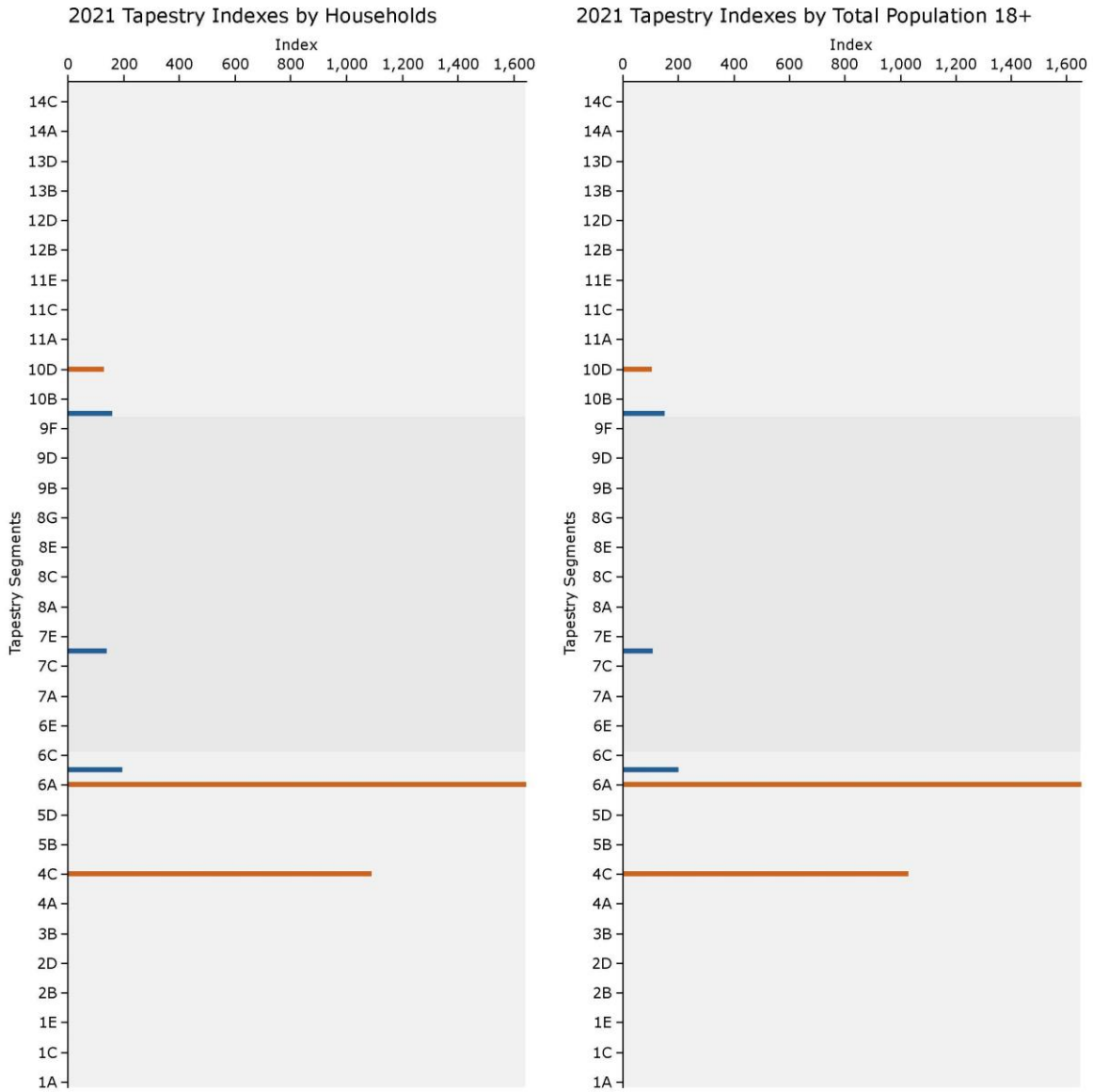
Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022



Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP



Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022



Middleton School District SY2021/22 Demographic Report



Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP

Tapestry LifeMode Groups	2021 Households			2021 Adult Population		
	Number	Percent	Index	Number	Percent	Index
Total:	7,060	100.0%		15,345	100.0%	
1. Affluent Estates	0	0.0%	0	0	0.0%	0
Top Tier (1A)	0	0.0%	0	0	0.0%	0
Professional Pride (1B)	0	0.0%	0	0	0.0%	0
Boomburbs (1C)	0	0.0%	0	0	0.0%	0
Savvy Suburbanites (1D)	0	0.0%	0	0	0.0%	0
Exurbanites (1E)	0	0.0%	0	0	0.0%	0
2. Upscale Avenues	0	0.0%	0	0	0.0%	0
Urban Chic (2A)	0	0.0%	0	0	0.0%	0
Pleasantville (2B)	0	0.0%	0	0	0.0%	0
Pacific Heights (2C)	0	0.0%	0	0	0.0%	0
Enterprising Professionals (2D)	0	0.0%	0	0	0.0%	0
3. Uptown Individuals	0	0.0%	0	0	0.0%	0
Laptops and Lattes (3A)	0	0.0%	0	0	0.0%	0
Metro Renters (3B)	0	0.0%	0	0	0.0%	0
Trendsetters (3C)	0	0.0%	0	0	0.0%	0
4. Family Landscapes	2,288	32.4%	425	4,701	30.6%	384
Workday Drive (4A)	0	0.0%	0	0	0.0%	0
Home Improvement (4B)	0	0.0%	0	0	0.0%	0
Middleburg (4C)	2,288	32.4%	1,091	4,701	30.6%	1,032
5. GenXurban	0	0.0%	0	0	0.0%	0
Comfortable Empty Nesters (5A)	0	0.0%	0	0	0.0%	0
In Style (5B)	0	0.0%	0	0	0.0%	0
Parks and Rec (5C)	0	0.0%	0	0	0.0%	0
Rustbelt Traditions (5D)	0	0.0%	0	0	0.0%	0
Midlife Constants (5E)	0	0.0%	0	0	0.0%	0
6. Cozy Country Living	4,191	59.4%	492	9,481	61.8%	520
Green Acres (6A)	3,788	53.7%	1,647	8,586	56.0%	1,655
Salt of the Earth (6B)	403	5.7%	199	895	5.8%	203
The Great Outdoors (6C)	0	0.0%	0	0	0.0%	0
Prairie Living (6D)	0	0.0%	0	0	0.0%	0
Rural Resort Dwellers (6E)	0	0.0%	0	0	0.0%	0
Heartland Communities (6F)	0	0.0%	0	0	0.0%	0
7. Sprouting Explorers	105	1.5%	21	211	1.4%	16
Up and Coming Families (7A)	1	0.0%	1	3	0.0%	1
Urban Villages (7B)	0	0.0%	0	0	0.0%	0
Urban Edge Families (7C)	0	0.0%	0	0	0.0%	0
Forging Opportunity (7D)	104	1.5%	142	208	1.4%	109
Farm to Table (7E)	0	0.0%	0	0	0.0%	0
Southwestern Families (7F)	0	0.0%	0	0	0.0%	0

Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022



Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP

Tapestry LifeMode Groups	2021 Households			2021 Adult Population		
	Number	Percent	Index	Number	Percent	Index
Total:	7,060	100.0%		15,345	100.0%	
8. Middle Ground	0	0.0%	0	0	0.0%	0
City Lights (8A)	0	0.0%	0	0	0.0%	0
Emerald City (8B)	0	0.0%	0	0	0.0%	0
Bright Young Professionals (8C)	0	0.0%	0	0	0.0%	0
Downtown Melting Pot (8D)	0	0.0%	0	0	0.0%	0
Front Porches (8E)	0	0.0%	0	0	0.0%	0
Old and Newcomers (8F)	0	0.0%	0	0	0.0%	0
Hometown Heritage (8G)	0	0.0%	0	0	0.0%	0
9. Senior Styles	0	0.0%	0	0	0.0%	0
Silver & Gold (9A)	0	0.0%	0	0	0.0%	0
Golden Years (9B)	0	0.0%	0	0	0.0%	0
The Elders (9C)	0	0.0%	0	0	0.0%	0
Senior Escapes (9D)	0	0.0%	0	0	0.0%	0
Retirement Communities (9E)	0	0.0%	0	0	0.0%	0
Social Security Set (9F)	0	0.0%	0	0	0.0%	0
10. Rustic Outposts	476	6.7%	81	952	6.2%	74
Southern Satellites (10A)	367	5.2%	163	762	5.0%	154
Rooted Rural (10B)	0	0.0%	0	0	0.0%	0
Economic BedRock (10C)	0	0.0%	0	0	0.0%	0
Down the Road (10D)	109	1.5%	133	190	1.2%	105
Rural Bypasses (10E)	0	0.0%	0	0	0.0%	0
11. Midtown Singles	0	0.0%	0	0	0.0%	0
City Strivers (11A)	0	0.0%	0	0	0.0%	0
Young and Restless (11B)	0	0.0%	0	0	0.0%	0
Metro Fusion (11C)	0	0.0%	0	0	0.0%	0
Set to Impress (11D)	0	0.0%	0	0	0.0%	0
City Commons (11E)	0	0.0%	0	0	0.0%	0
12. Hometown	0	0.0%	0	0	0.0%	0
Family Foundations (12A)	0	0.0%	0	0	0.0%	0
Traditional Living (12B)	0	0.0%	0	0	0.0%	0
Small Town Simplicity (12C)	0	0.0%	0	0	0.0%	0
Modest Income Homes (12D)	0	0.0%	0	0	0.0%	0
13. Next Wave	0	0.0%	0	0	0.0%	0
Diverse Convergence (13A)	0	0.0%	0	0	0.0%	0
Family Extensions (13B)	0	0.0%	0	0	0.0%	0
NeWest Residents (13C)	0	0.0%	0	0	0.0%	0
Fresh Ambitions (13D)	0	0.0%	0	0	0.0%	0
High Rise Renters (13E)	0	0.0%	0	0	0.0%	0
14. Scholars and Patriots	0	0.0%	0	0	0.0%	0
Military Proximity (14A)	0	0.0%	0	0	0.0%	0
College Towns (14B)	0	0.0%	0	0	0.0%	0
Dorms to Diplomas (14C)	0	0.0%	0	0	0.0%	0
Unclassified (15)	0	0.0%	0	0	0.0%	0

Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022



Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP

Tapestry Urbanization Groups	2021 Households			2021 Adult Population		
	Number	Percent	Index	Number	Percent	Index
Total:	7,060	100.0%		15,345	100.0%	
1. Principal Urban Center	0	0.0%	0	0	0.0%	0
Laptops and Lattes (3A)	0	0.0%	0	0	0.0%	0
Metro Renters (3B)	0	0.0%	0	0	0.0%	0
Trendsetters (3C)	0	0.0%	0	0	0.0%	0
Downtown Melting Pot (8D)	0	0.0%	0	0	0.0%	0
City Strivers (11A)	0	0.0%	0	0	0.0%	0
NeWest Residents (13C)	0	0.0%	0	0	0.0%	0
Fresh Ambitions (13D)	0	0.0%	0	0	0.0%	0
High Rise Renters (13E)	0	0.0%	0	0	0.0%	0
2. Urban Periphery	104	1.5%	9	208	1.4%	8
Pacific Heights (2C)	0	0.0%	0	0	0.0%	0
Rustbelt Traditions (5D)	0	0.0%	0	0	0.0%	0
Urban Villages (7B)	0	0.0%	0	0	0.0%	0
Urban Edge Families (7C)	0	0.0%	0	0	0.0%	0
Forging Opportunity (7D)	104	1.5%	142	208	1.4%	109
Southwestern Families (7F)	0	0.0%	0	0	0.0%	0
City Lights (8A)	0	0.0%	0	0	0.0%	0
Bright Young Professionals (8C)	0	0.0%	0	0	0.0%	0
Metro Fusion (11C)	0	0.0%	0	0	0.0%	0
Family Foundations (12A)	0	0.0%	0	0	0.0%	0
Modest Income Homes (12D)	0	0.0%	0	0	0.0%	0
Diverse Convergence (13A)	0	0.0%	0	0	0.0%	0
Family Extensions (13B)	0	0.0%	0	0	0.0%	0
3. Metro Cities	0	0.0%	0	0	0.0%	0
In Style (5B)	0	0.0%	0	0	0.0%	0
Emerald City (8B)	0	0.0%	0	0	0.0%	0
Front Porches (8E)	0	0.0%	0	0	0.0%	0
Old and Newcomers (8F)	0	0.0%	0	0	0.0%	0
Hometown Heritage (8G)	0	0.0%	0	0	0.0%	0
Retirement Communities (9E)	0	0.0%	0	0	0.0%	0
Social Security Set (9F)	0	0.0%	0	0	0.0%	0
Young and Restless (11B)	0	0.0%	0	0	0.0%	0
Set to Impress (11D)	0	0.0%	0	0	0.0%	0
City Commons (11E)	0	0.0%	0	0	0.0%	0
Traditional Living (12B)	0	0.0%	0	0	0.0%	0
College Towns (14B)	0	0.0%	0	0	0.0%	0
Dorms to Diplomas (14C)	0	0.0%	0	0	0.0%	0

Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022



Tapestry Segmentation Area Profile

Prepared using SchoolSite by DDP

Tapestry Urbanization Groups	2021 Households			2021 Adult Population		
	Number	Percent	Index	Number	Percent	Index
Total:	7,060	100.0%		15,345	100.0%	
4. Suburban Periphery	1	0.0%	0	3	0.0%	0
Top Tier (1A)	0	0.0%	0	0	0.0%	0
Professional Pride (1B)	0	0.0%	0	0	0.0%	0
Boomburbs (1C)	0	0.0%	0	0	0.0%	0
Savvy Suburbanites (1D)	0	0.0%	0	0	0.0%	0
Exurbanites (1E)	0	0.0%	0	0	0.0%	0
Urban Chic (2A)	0	0.0%	0	0	0.0%	0
Pleasantville (2B)	0	0.0%	0	0	0.0%	0
Enterprising Professionals (2D)	0	0.0%	0	0	0.0%	0
Workday Drive (4A)	0	0.0%	0	0	0.0%	0
Home Improvement (4B)	0	0.0%	0	0	0.0%	0
Comfortable Empty Nesters (5A)	0	0.0%	0	0	0.0%	0
Parks and Rec (5C)	0	0.0%	0	0	0.0%	0
Midlife Constants (5E)	0	0.0%	0	0	0.0%	0
Up and Coming Families (7A)	1	0.0%	1	3	0.0%	1
Silver & Gold (9A)	0	0.0%	0	0	0.0%	0
Golden Years (9B)	0	0.0%	0	0	0.0%	0
The Elders (9C)	0	0.0%	0	0	0.0%	0
Military Proximity (14A)	0	0.0%	0	0	0.0%	0
5. Semirural	2,397	34.0%	361	4,891	31.9%	350
Middleburg (4C)	2,288	32.4%	1,091	4,701	30.6%	1,032
Heartland Communities (6F)	0	0.0%	0	0	0.0%	0
Farm to Table (7E)	0	0.0%	0	0	0.0%	0
Senior Escapes (9D)	0	0.0%	0	0	0.0%	0
Down the Road (10D)	109	1.5%	133	190	1.2%	105
Small Town Simplicity (12C)	0	0.0%	0	0	0.0%	0
6. Rural	4,558	64.6%	382	10,243	66.8%	393
Green Acres (6A)	3,788	53.7%	1,647	8,586	56.0%	1,655
Salt of the Earth (6B)	403	5.7%	199	895	5.8%	203
The Great Outdoors (6C)	0	0.0%	0	0	0.0%	0
Prairie Living (6D)	0	0.0%	0	0	0.0%	0
Rural Resort Dwellers (6E)	0	0.0%	0	0	0.0%	0
Southern Satellites (10A)	367	5.2%	163	762	5.0%	154
Rooted Rural (10B)	0	0.0%	0	0	0.0%	0
Economic BedRock (10C)	0	0.0%	0	0	0.0%	0
Rural Bypasses (10E)	0	0.0%	0	0	0.0%	0
Unclassified (15)	0	0.0%	0	0	0.0%	0

Data Note: This report identifies neighborhood segments in the area, and describes the socioeconomic quality of the immediate neighborhood. The index is a comparison of the percent of households or Total Population 18+ in the area, by Tapestry segment, to the percent of households or Total Population 18+ in the United States, by segment. An index of 100 is the US average.
Source: Esri

February 09, 2022