



Planning for the Future

Des Moines Public Schools

Enrollment Analysis, January 2024

RSP & Associates



RSP Quick Facts:

Founded in 2003
Professional educational planning firm
Expertise in multiple disciplines (GIS, Planning, Facilitation)
Over 20 years of planning experience
Over 80 years of education experience
Over 20 years of GIS experience
Projection accuracy of 97% or greater

RSP Clients:

RSP was started with the desire and commitment to assist school districts in long-range planning.
RSP has served over **130** clients in:

Arkansas	Minnesota	South Dakota
Colorado	Missouri	Tennessee
Iowa	Nebraska	Wisconsin
Illinois	North Dakota	
Kansas	Oklahoma	

RSP Planning Team:

Robert Schwarz, CEO

Military, County, City, and School District Planner
University of Kansas – Master of Urban Planning (MUP)
American Institute of Certified Planners (AICP)
Accredited Learning Environment Planner (ALEP)

Ginna Wallace, Planner

University of Kansas – Master of Urban Planning (MUP)
American Institute of Certified Planners (AICP)

RSP Recent Projects:

Ankeny Community School District

Facility Master Plan & Enrollment Analysis, 2022/23
RSP has worked with ACSD for the past 12 years

Waukee Community School District

Boundary & Enrollment Analysis, 2022/23
RSP has worked with WCSD for the past 12 years

West Des Moines Community School District

Enrollment Analysis, 2018/19

Our Partners:



Expectations

Thank you to Des Moines public Schools, Polk County, City of Des Moines, Greater Des Moines Area, Census Bureau, and ESRI for assisting in this analysis!



Helpful Hints to Read the Report:

- Slides that have the flagged star symbol are SIGNATURE SLIDES and are the most important variables in this unique analysis
- Each variable is analyzed as an indicator of future student population. Use the PLUS (student growth) and MINUS (student loss) icons to note how each indicator contributes to the analysis:
- Click the APPENDIX symbol on a page to reference additional analysis on this topic

Timeline

Project timeline is a result of ensuring student data could represent as close as possible to the Official County Data with attributes that would allow RSP to forecast enrollment at a parcel level geography.

Findings

The findings were not focused on supporting or contradicting any past internal or outsourced studies. This analysis is based on data, data, and more data.

Study

This study factored in many different data sets to provide data driven analysis that is the foundation to the RSP Statistical Forecast Model (SFM).

Change

Enrollment change in the community is influenced by, but not limited to, the birth rate, demographics, types of development and/or housing affordability.

Facts:

The study does not provide specific information about which site would be best suited for a new facility or for that matter should the district build any new facility – this analysis is one portion of how to make that decision

This analysis is based on the same grade configuration and educational programming expectations the patrons have for each student

Projecting enrollment is not a science – like life in general some assumptions happen that may lead to greater enrollment while others toward a smaller enrollment

The goal of this study is to help the board, administration, and public understand how to make the best decision for the students at the classroom level.

Discussion Points

HELPFUL HINTS TO READ THE REPORT:



Slides that have the flagged star symbol are SIGNATURE SLIDES



Orange: indicator of student growth



Green: indicator of student loss



Click the APPENDIX symbol on a page to reference additional analysis



PART 1 STUDENT ENROLLMENT

- Student Analysis Maps & Data
- Sophisticated Forecast Model
- Demographics
- Past Enrollment & Change



PART 2 COMMUNITY DEMOGRAPHICS

- Household Data
- Population Data
- Population Demographics



PART 3 REGIONAL DEVELOPMENT

- Population, Development, & Enrollment Trends
- Yield Rate
- Housing Market Maps & Data
- Potential Growth



PART 4 PROJECTIONS

- Past, Current, & Future Enrollment
- Building Projections
- Grade Level Projections



PART 5 NEXT STEPS

- Moving Forward
- Challenges & Solutions
- Next Steps & Key Considerations

APPENDIX

- Community Demographics
- Intra-Transfer Tables
- Student Density Maps
- Building Floor Plans
- Projection Bar Graphs



PART 1

ENROLLMENT & DEMOGRAPHICS

Things to Consider

Student Analysis Maps & Data

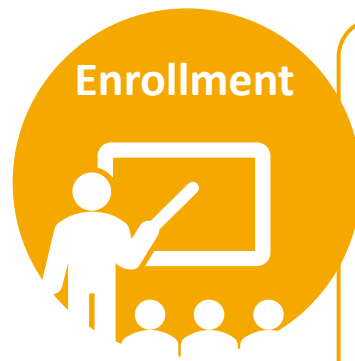
Sophisticated Forecast Model

Demographics

Past Enrollment & Change

100,000 Foot Perspective

An overview of what is most notable for your school district, students, and community.



District enrollment to decrease in the first five years then increase in the second five years:

- **Elementary enrollment is forecasted to increase by almost 300 students by 2033/34**
- **Middle school enrollment is forecasted to increase by 400 students by 2033/34**
- **High school enrollment is forecasted to decrease by 750 students by 2033/24**



Building capacity was provided by the district and analyzed regarding projected enrollment. Capacity challenges are forecasted to be experienced in the next five years at:

- School forecasted to be over capacity at some point in the next five years: Mitchell Preschool, Downtown Elementary, Howe Elementary, Lovejoy Elementary, Oak Park Elementary, Park Avenue Elementary, Perkins Elementary, Studebaker Elementary, Lincoln High, North High and Rosevelt High
- Many schools are forecasted under 70% of building capacity creating potential utilization and staffing challenges over the next decade



Planned residential and economic growth is a main driver to future enrollment change

- In 2023, 23 single-family and 419 multi-family units were built – almost 7,500 potential units were identified for development stages in the next ten years
- Timing of infrastructure projects, floodplain, and supply chain challenges are limitations to the speed of residential projects – RSP recommends monitoring these factors closely

District Boundary Map

District Boundary

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Elementary
- Middle School
- Park
- High School
- Colleges
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

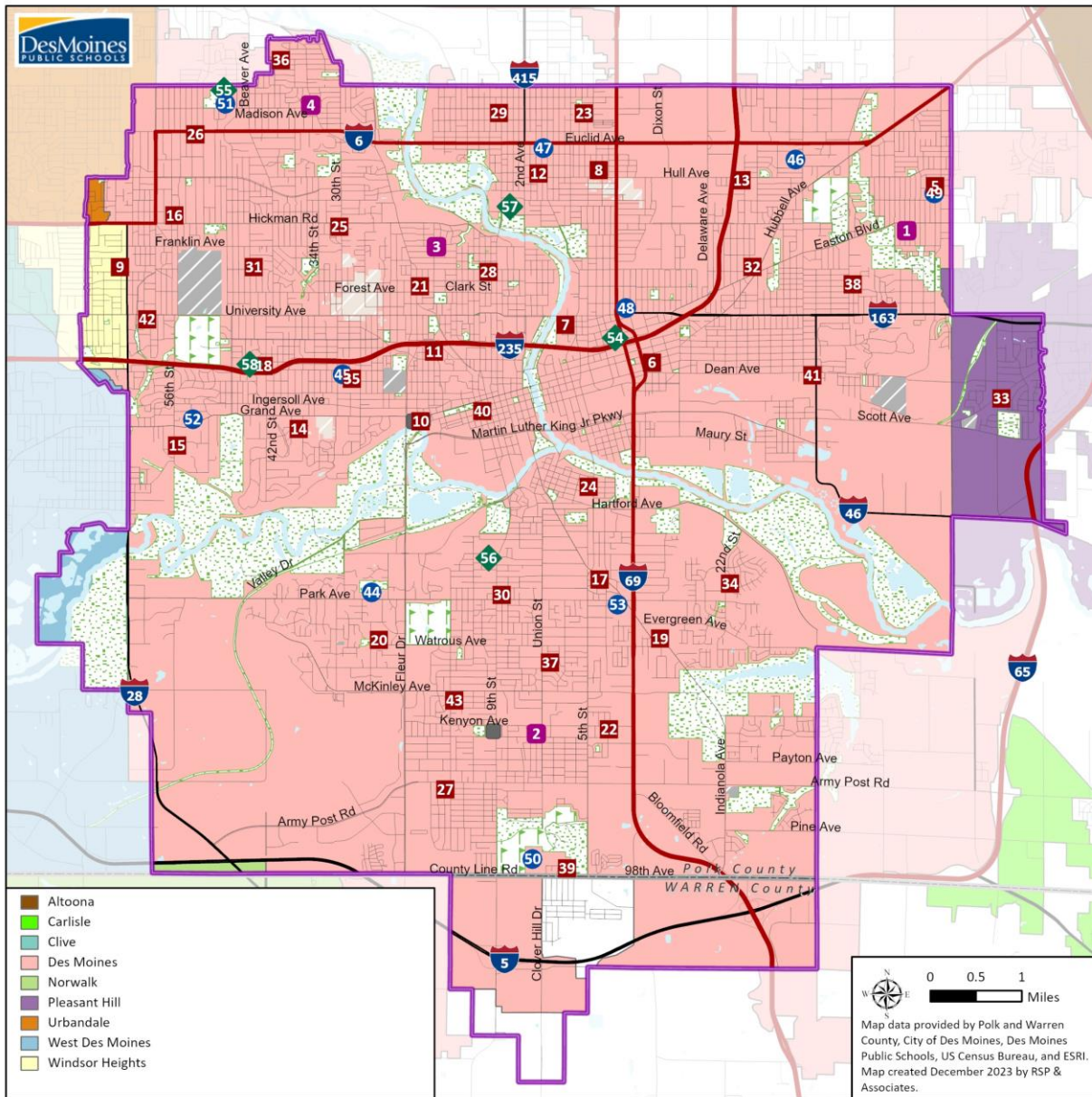
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| <ol style="list-style-type: none"> 5. Brubaker 6. Capitol View 7. Carver 8. Cattell 9. Cowles Mont. 10. Downtown 11. Edmunds 12. Findley 13. Garton 14. Greenwood 15. Hanawalt 16. Hillis 17. Howe 18. Hubbell 19. Jackson 20. Jefferson 21. King 22. Lovejoy 23. Madison | <ol style="list-style-type: none"> 24. McKinley 25. Monroe 26. Moore 27. Morris 28. Moulton 29. Oak Park 30. Park Avenue 31. Perkins 32. Phillips 33. Pleasant Hill 34. River Woods 35. Ruby Van Meter 36. Samuelson 37. South Union 38. Stowe 39. Stuebaker 40. Walnut Street 41. Willard 42. Windsor 43. Wright |
|--|---|

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



MAIN TAKEAWAY:

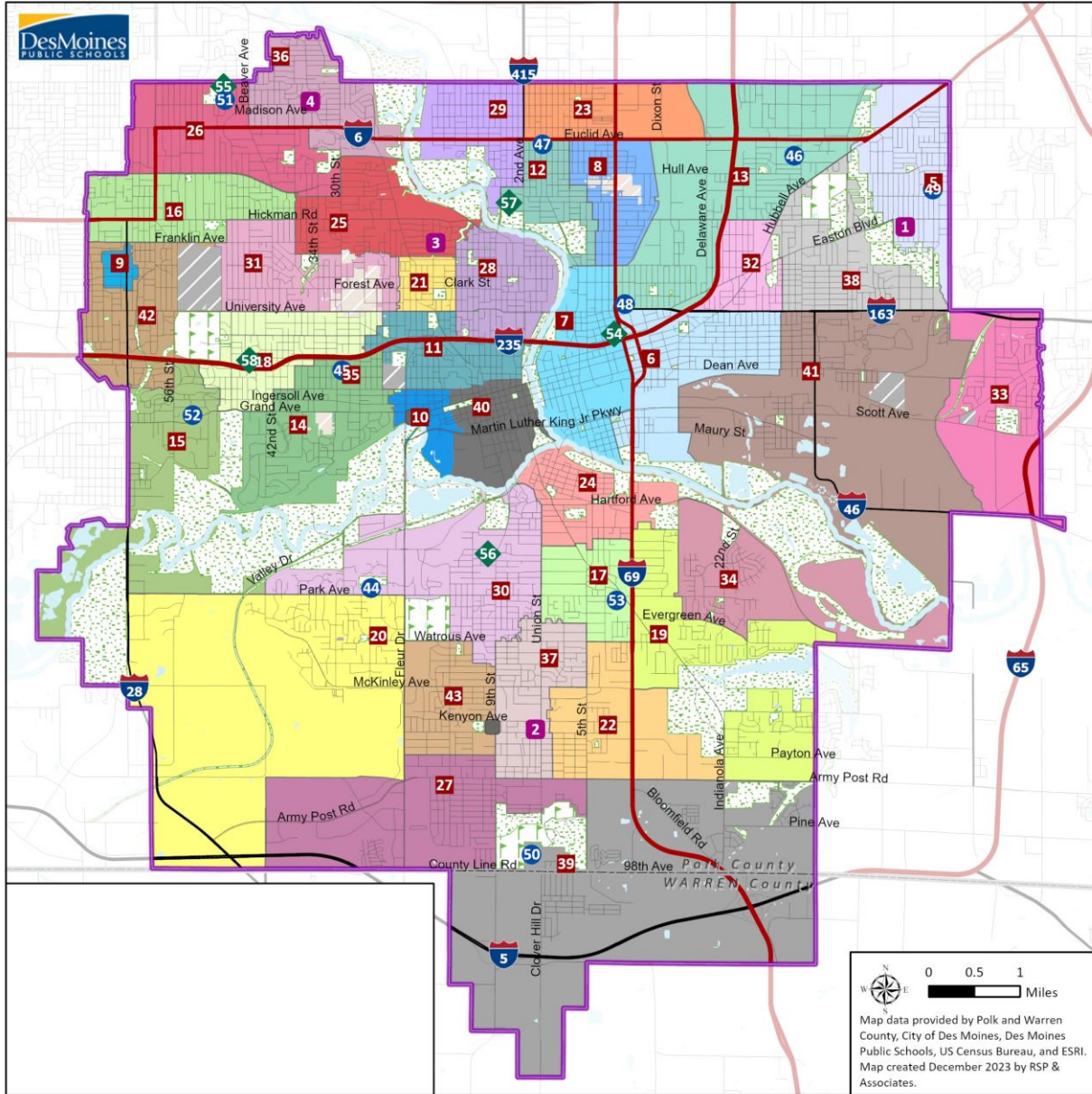
Purple Line: School District Boundary

Solid Colors: City Boundaries

School Points:

- Red Square: ES
- Blue Circle: MS
- Green Diamond: HS
- Pink Square: PK
- Gray Square: Alt.

Elementary Boundary Map



Elementary School Attendance Areas

Legend

- District Boundary
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Early Education/PK:

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Elementary Schools:

- | | |
|-----------------|--------------------|
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| 10. Downtown | 29. Oak Park |
| 11. Edmunds | 30. Park Avenue |
| 12. Findley | 31. Perkins |
| 13. Garton | 32. Phillips |
| 14. Greenwood | 33. Pleasant Hill |
| 15. Hanawalt | 34. River Woods |
| 16. Hillis | 35. Ruby Van Meter |
| 17. Howe | 36. Samuelson |
| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Studebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
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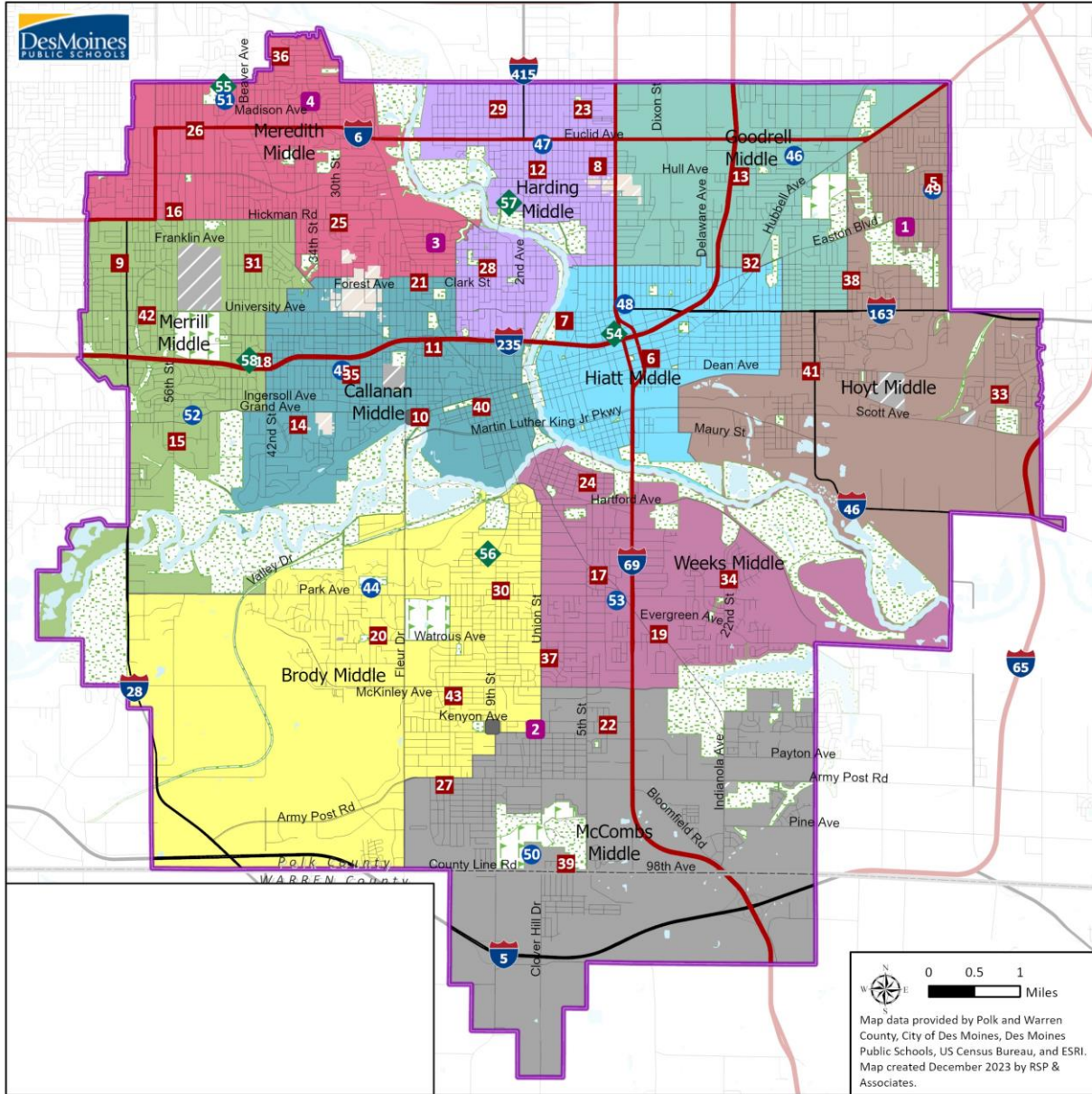
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MAIN TAKEAWAY:

Purple Line: School District Boundary

Solid Colors: Elementary Attendance Areas

Middle School Boundary Map



Middle School Attendance Areas

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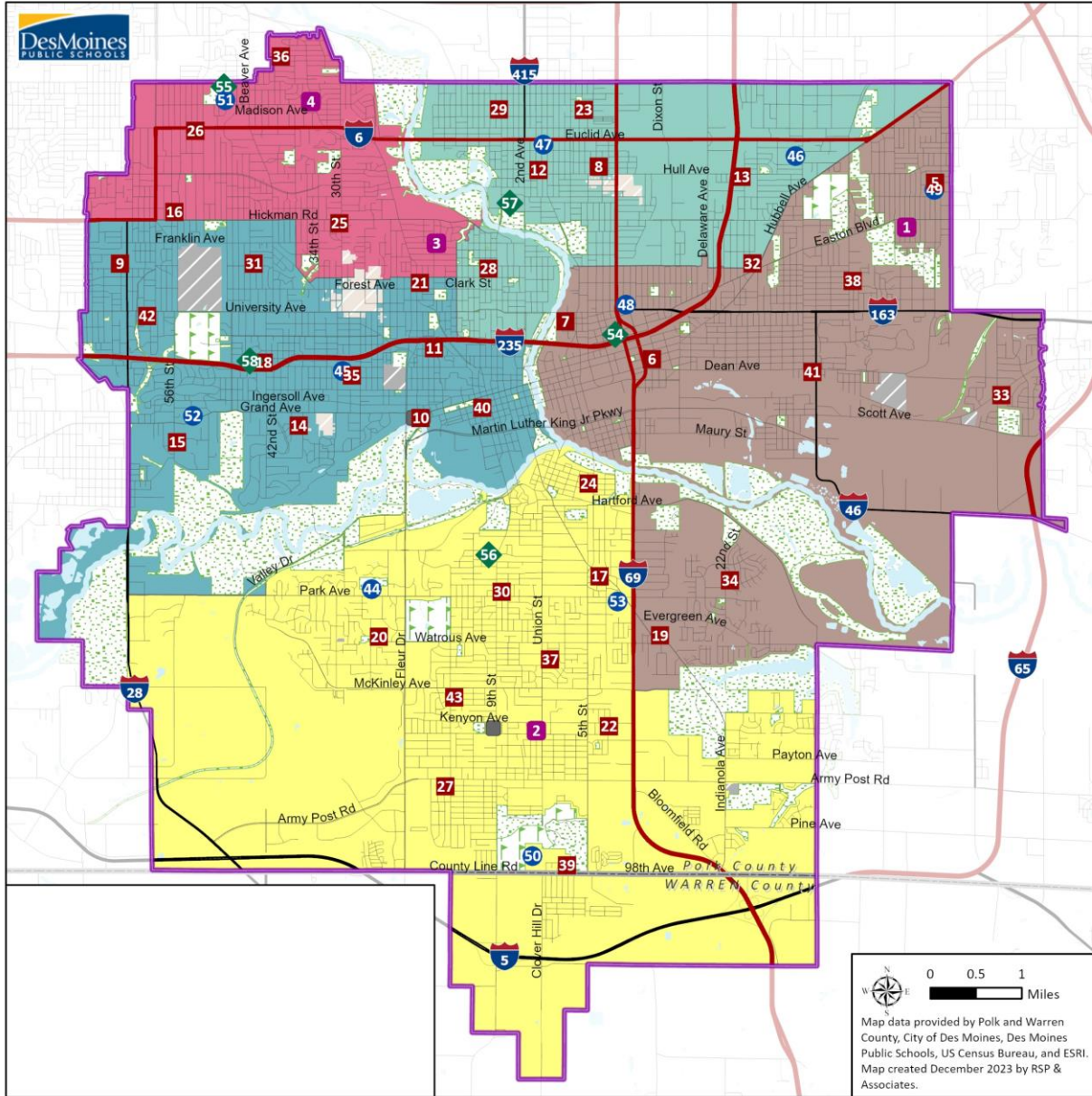
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Map data provided by Polk and Warren County, City of Des Moines, Des Moines Public Schools, US Census Bureau, and ESRI. Map created December 2023 by RSP & Associates.

High School Boundary Map



High School Attendance Areas

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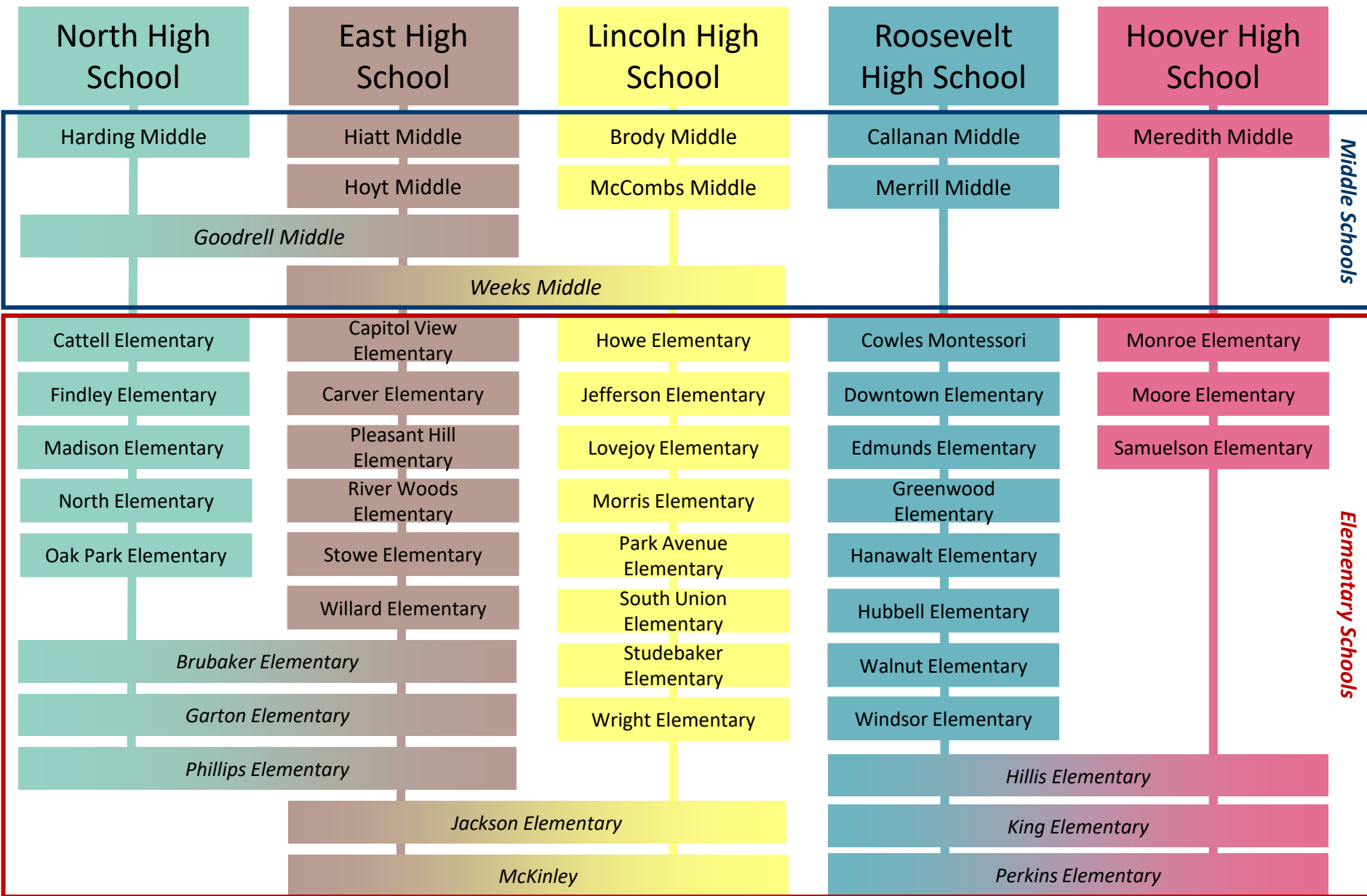
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MAIN TAKEAWAY:

Purple Line: School District Boundary

Solid Colors: High School Attendance Areas

Schools by High School Feeder



District: Planning Area Map



Planning Areas

MAIN TAKEAWAY:

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Green Lines: RSP Planning Areas

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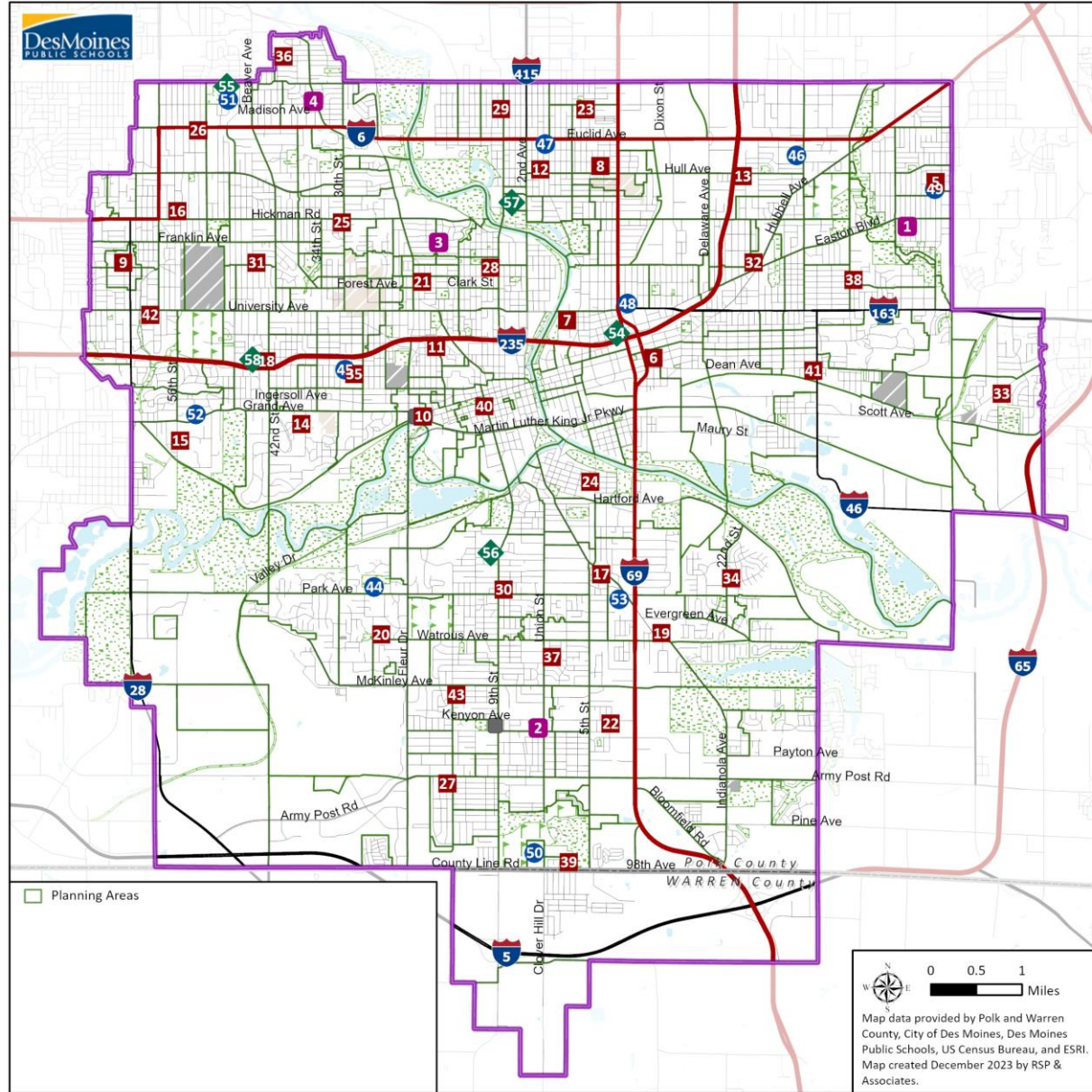
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Planning Area Notes:

Statistically analyzing data with this number of geographic based polygons will provide a deeper context to how change is happening resulting in a reliable tool to make credible planning decisions

Each planning area had a different outlook based on indicators such as value of housing, square footage of housing unit, when the housing product was constructed, as well as access to amenities such as shopping, parks, trails, and roads

0 0.5 1 Miles

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RSP Sophisticated Forecast Model

Built-Out
$$S_{c,t,x} = S_{c-1,t-1,x} * GC$$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in the School District
- c = Grade level
- t = Time (years)
- GC = Growth component either modeling enrollment increase or decrease based on historical information, expressed as a real number

Developing
$$S_{c,t,x} = S_{c-1,t-1,x} + (BP_{t,x} * R_{c,x})$$

Where:
$$BP_{t,x} = \left(\frac{(CP_x)(BT_x)(A_x)}{\sum_x (CP_x)(BT_x)(A_x)} \right) * CT$$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in School District
- c = Grade level
- t = Time (years)
- BP = Building permit forecast as given by the Building Permit Allocation Model (BPAM) model
- R_{c,x} = Student Enrollment ratio of cohort c in planning area x
- CP = Capacity of a planning area as expressed by available housing units
- BT = Building history trend of planning area
- A = An index which models the likelihood of development
- CT = Building permit control total forecast

The SFM is...

- a social science... not an exact science; it identifies behavior trends to determine the propensity of them to be recreated
- valuable in how our team created and analyzes the geography at a planning area level for any commonality which while help produce an accurate forecast

Some variables examined for each planning area (but not limited to) are...

- natural cohort (district data)
- planning area subdivision lifecycle (a RSP variable)
- the value of homes (county assessor data)
- type of residential units like single-family, multi-family, townhome, mobile home, etc. (county assessor data)
- year units were built
- estimated female population (census data)
- estimated 0-4 population (census data)
- existing land use (county and city data)
- future land use (county and city data)
- capital improvement plan (county and city data)
- future development (county and city data)
- in-migration of students (district data) & out-migration of students (district data)

This is the **central focus** of everything RSP does.

The model is based on what is happening in a school district. The best data is statistically analyzed to provide an accurate enrollment forecast. The District will be able to use RSP's report and maps to better understand demographic trends, school utilization, and the timing of construction projects.



Polk County Birth Rate Information



Polk County, Iowa Live Births

Des Moines Public Schools Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2007	6,915			2012/13	2,462	35.6%
2008	6,723	-192	-2.8%	2013/14	2,434	36.2%
2009	6,690	-33	-0.5%	2014/15	2,320	34.7%
2010	6,521	-169	-2.5%	2015/16	2,229	34.2%
2011	6,498	-23	-0.4%	2016/17	2,283	35.1%
2012	6,729	231	3.6%	2017/18	2,368	35.2%
2013	6,767	38	0.6%	2018/19	2,298	34.0%
2014	6,946	179	2.6%	2019/20	2,386	34.4%
2015	7,022	76	1.1%	2020/21	2,089	29.7%
2016	6,910	-112	-1.6%	2021/22	2,268	32.8%
2017	6,925	15	0.2%	2022/23	2,247	32.4%
2018	6,641	-284	-4.1%	2023/24	2,061	31.0%
2019	6,545	-96	-1.4%	2024/25	1,947	2,303
2020	6,274	-271	-4.1%	2025/26	1,866	2,208
2021	6,472	198	3.2%	2026/27	1,925	2,278
2022	6,437	-35	-0.5%	2026/28	1,915	2,265
3-Year Average	6,394.3	-36.0				
3-Year Weighted Average	6,421.5	3.3				

Source: Iowa Department of Public Health (IDPH) and Des Moines Public Schools

 Low Range
 High Range

Live Birth Observations

- Tracks the number of Polk County live births and the corresponding number of kindergarten students five years later
- The number of live births have been decreasing. This is consistent with national and state trends.
- 3-year average of 36 less live births per year
- Des Moines Public Schools enrollment percentage has been dropping from 35+% in 2013/14 to 31% in 2023/24
- Kindergarten enrollment has varied between 2,000 students to 2,400 students per year
- The kindergarten classes moving forward are forecasted to be between:
 - 1,866 to 1,946 students on the low end
 - 2,208 to 2,303 students on the high end

Main Takeaway: The decline of live births in the Polk County can potentially result in smaller kindergarten classes. To keep similar or greater enrollment will require an increased in the market share of future kindergarten students. RSP recommends continuing to monitor this variable for more understanding on demographic trends as propensity of Polk County live births enrolling in DMPS.

Past Enrollment by Grade



Observations:

- Largest K-12 class in 2023/24 – 12th Grade with 2,363 Students
- Smallest K-12 class in 2023/24 – 8th Grade with 1,953 Students
- Graduating senior class is larger than the incoming Kindergarten class which will decrease total enrollment
- Largest historical increase was from 2012/13 to 2013/14 with increase of 1.7% (+534 students)
- Largest total enrollment since 2012/13 was in 2017/18 with 32,521 Students
- The district has lost students for the past six years – large enrollment loss in 2020/21-2021/22 (likely due to pandemic)
- 2023/24 has the smallest grades since 2012/13 in: 1st Grade, 3rd Grade, 6th Grade and 8th Grade

IOWA SCHOOL DISTRICT - Dept of Education

Enrollment by Grade

Year	Enrollment by Grade														PK-12		
	PK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change	% Change
2012/13	1,019	2,874	2,695	2,534	2,488	2,322	2,292	2,175	2,206	2,110	2,092	2,098	1,978	2,132	31,015		
2013/14	1,141	2,756	2,776	2,629	2,500	2,477	2,275	2,223	2,154	2,217	2,174	2,071	1,989	2,167	31,549	534	1.7%
2014/15	1,183	2,627	2,692	2,705	2,584	2,457	2,492	2,167	2,207	2,204	2,286	2,202	1,994	2,001	31,801	252	0.8%
2015/16	1,187	2,496	2,562	2,654	2,660	2,576	2,420	2,371	2,176	2,222	2,264	2,259	2,080	2,058	31,985	184	0.6%
2016/17	1,128	2,506	2,487	2,585	2,634	2,661	2,557	2,345	2,345	2,171	2,316	2,313	2,166	2,150	32,364	379	1.2%
2017/18	1,178	2,516	2,480	2,465	2,547	2,594	2,641	2,482	2,331	2,333	2,228	2,327	2,230	2,169	32,521	157	0.5%
2018/19	1,261	2,462	2,423	2,442	2,402	2,485	2,558	2,491	2,447	2,287	2,356	2,213	2,283	2,277	32,387	-134	-0.4%
2019/20	1,287	2,508	2,417	2,404	2,401	2,340	2,450	2,390	2,448	2,374	2,302	2,291	2,113	2,301	32,026	-361	-1.1%
2020/21	960	2,190	2,335	2,266	2,264	2,252	2,238	2,254	2,326	2,383	2,344	2,229	2,212	2,478	30,731	-1,295	-4.0%
2021/22	1,157	2,365	2,169	2,277	2,190	2,155	2,178	1,980	2,065	2,145	2,240	2,155	2,038	2,445	29,559	-1,172	-3.8%
2022/23	1,155	2,326	2,315	2,133	2,262	2,139	2,108	2,035	1,941	2,055	2,192	2,262	2,116	2,292	29,331	-228	-0.8%
2023/24	1,158	2,135	2,302	2,263	2,083	2,220	2,147	1,954	2,023	1,953	2,112	2,221	2,220	2,363	29,154	-177	-0.6%

Source: Iowa Department of Education and Des Moines Public Schools (2012/13 to 2023/24)

Home Instruction, Orchard Place, Preschool Partner Schools, Ruby Van Meter School, and Virtual Campus Students are not included in the enrollment totals

Cohort Student Change



Observations:

- Largest 3-year average K-12 class cohort increase – 11th to 12th grade **(+244.7)**
- Largest 3-year average K-12 class cohort decrease – 5th to 6th grade **(-185)**
- Overall percent change from previous year of -0.6%, decrease of 177 students
- Instructional Modality will have to be monitored to determine if the students who are not attending the district still reside in the district and if or how many return to receive services in the future years
- Most cohorts tends to decrease year to year creating a limiting factor for enrollment growth

Enrollment Grade Change

From	To	PK K	K 1st	1st 2nd	2nd 3rd	3rd 4th	4th 5th	5th 6th	6th 7th	7th 8th	8th 9th	9th 10th	10th 11th	11th 12th	PK-12	
															Change	% Change
2012/13	2013/14	1,737	-98	-66	-34	-11	-47	-69	-21	11	64	-21	-109	189	534	1.7%
2013/14	2014/15	1,486	-64	-71	-45	-43	15	-108	-16	50	69	28	-77	12	252	0.8%
2014/15	2015/16	1,313	-65	-38	-45	-8	-37	-121	9	15	60	-27	-122	64	184	0.6%
2015/16	2016/17	1,319	-9	23	-20	1	-19	-75	-26	-5	94	49	-93	70	379	1.2%
2016/17	2017/18	1,388	-26	-22	-38	-40	-20	-75	-14	-12	57	11	-83	3	157	0.5%
2017/18	2018/19	1,284	-93	-38	-63	-62	-36	-150	-35	-44	23	-15	-44	47	-134	-0.4%
2018/19	2019/20	1,247	-45	-19	-41	-62	-35	-168	-43	-73	15	-65	-100	18	-361	-1.1%
2019/20	2020/21	903	-173	-151	-140	-149	-102	-196	-64	-65	-30	-73	-79	365	-1,295	-4.0%
2020/21	2021/22	1,405	-21	-58	-76	-109	-74	-258	-189	-181	-143	-189	-191	233	-1,172	-3.8%
2021/22	2022/23	1,169	-50	-36	-15	-51	-47	-143	-39	-10	47	22	-39	254	-228	-0.8%
2022/23	2023/24	980	-24	-52	-50	-42	8	-154	-12	12	57	29	-42	247	-177	-0.6%
3-Year Average		1,184.7	-31.7	-48.7	-47.0	-67.3	-37.7	-185.0	-80.0	-59.7	-13.0	-46.0	-90.7	244.7	-525.7	-1.7%
3-Year Weighted Average		1,113.8	-32.2	-47.7	-42.7	-56.2	-24.0	-167.7	-50.5	-27.5	20.3	-9.7	-65.8	247.0	-359.8	-1.2%

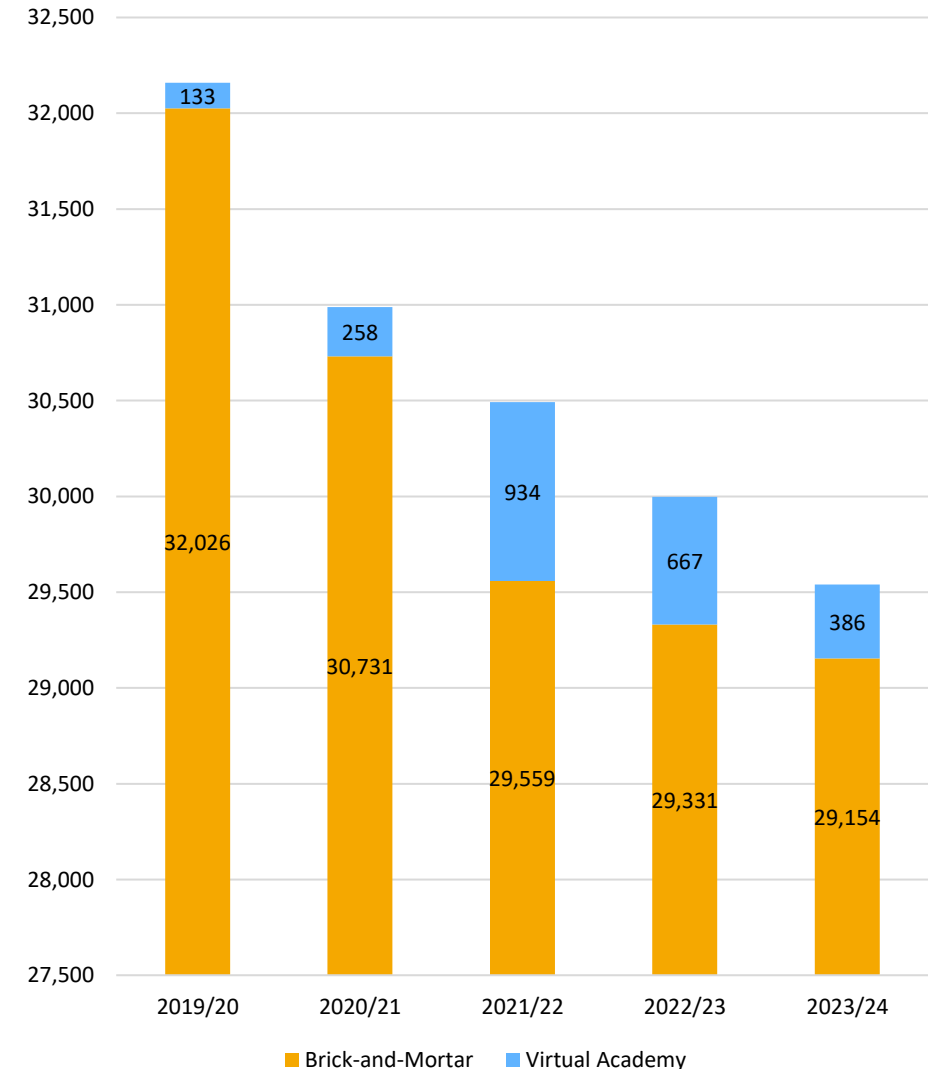
Source: Iowa Department of Education and Des Moines Public Schools (2012/13 to 2023/24)

Home Instruction, Orchard Place, Preschool Partner Schools, Ruby Van Meter School, and Virtual Campus Students are not included in the enrollment totals

Virtual Student Analysis

- Virtual student enrollment increased from 258 students to 934 students from 2020/21 to 2021/22
- In 2023/24, virtual enrollment decreased to 386 students
- Virtual enrollment contributes to 1.3% of total enrollment
- Total enrollment the past four years has decreased from 31,000+ students to 29,000 students

K-12 Enrollment by Instructional Modality



Instructional Modality	2019/20	2020/21	2021/22	2022/23	2023/24
Brick-and-Mortar	32,026	30,731	29,559	29,331	29,154
Virtual Academy	133	258	934	667	386
TOTAL ENROLLMENT	32,159	30,989	30,493	29,998	29,540

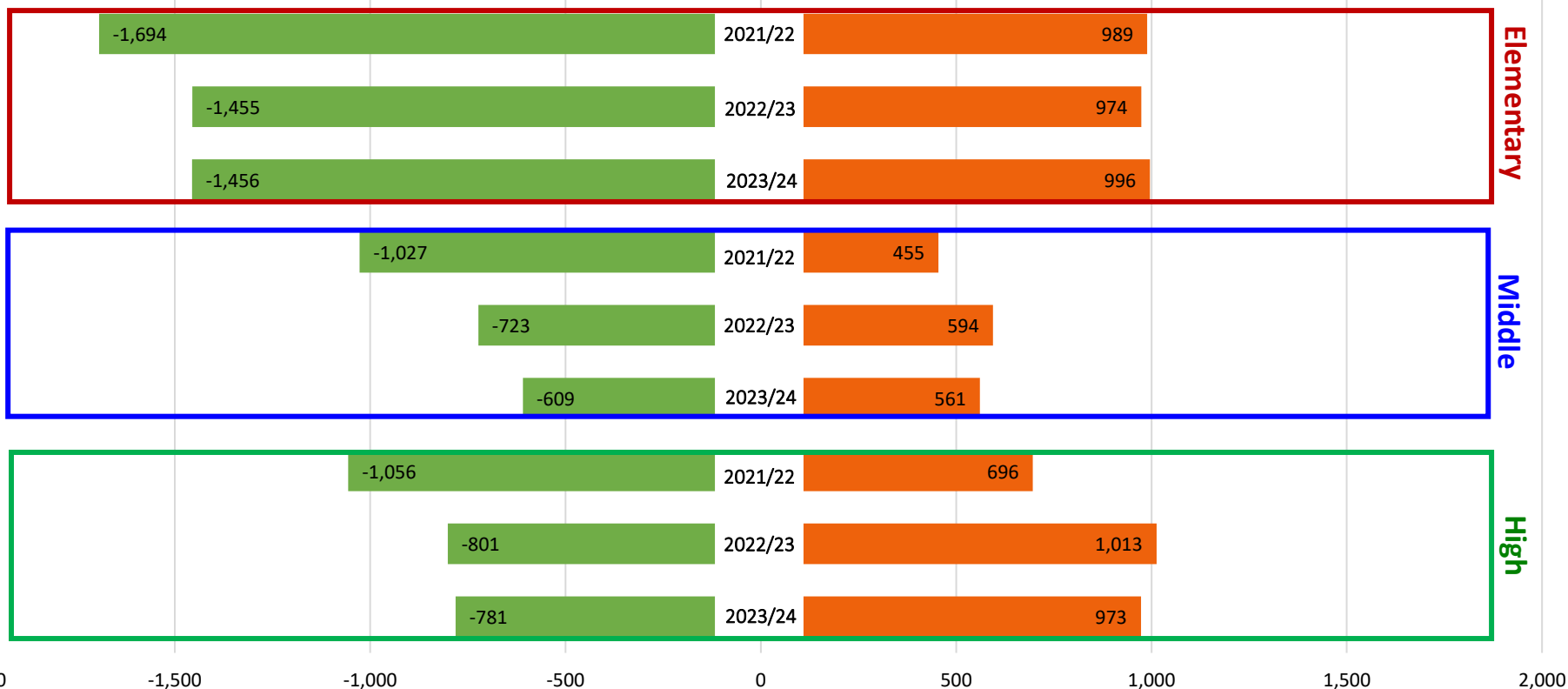
Source: Des Moines Public Schools, RSP
 NOTE: Originally high school and added middle school in 2021/22 school year

3-Year Migration (Brick-and-Mortar)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Out-Migration (students leaving the district)

In-Migration (students entering the district)



Source: RSP and Des Moines Public Schools

Definition

Out-Migration: Shows number of students in grade K to 11th that were attending the District in the previous year, but are not attending the District in the following year.

In-Migration: Shows number of students in grade 1st to 12th that are attending the District in the current year, but were not attending the District in the previous year.

Observations

- 2021/22 lost 3,777 students and gained 2,140 students; **NET: -1,637**
- 2022/23 lost 2,979 students and gained 2,581 students; **NET: -398**
- 2023/24 lost 2,846 students and gained 2,530 students; **NET: -316**

Main Takeaway:

The district had a negative net loss of transfer students from brick-and-mortar setting for the past three years. Some of these students may have continued in DMPS as virtual students.

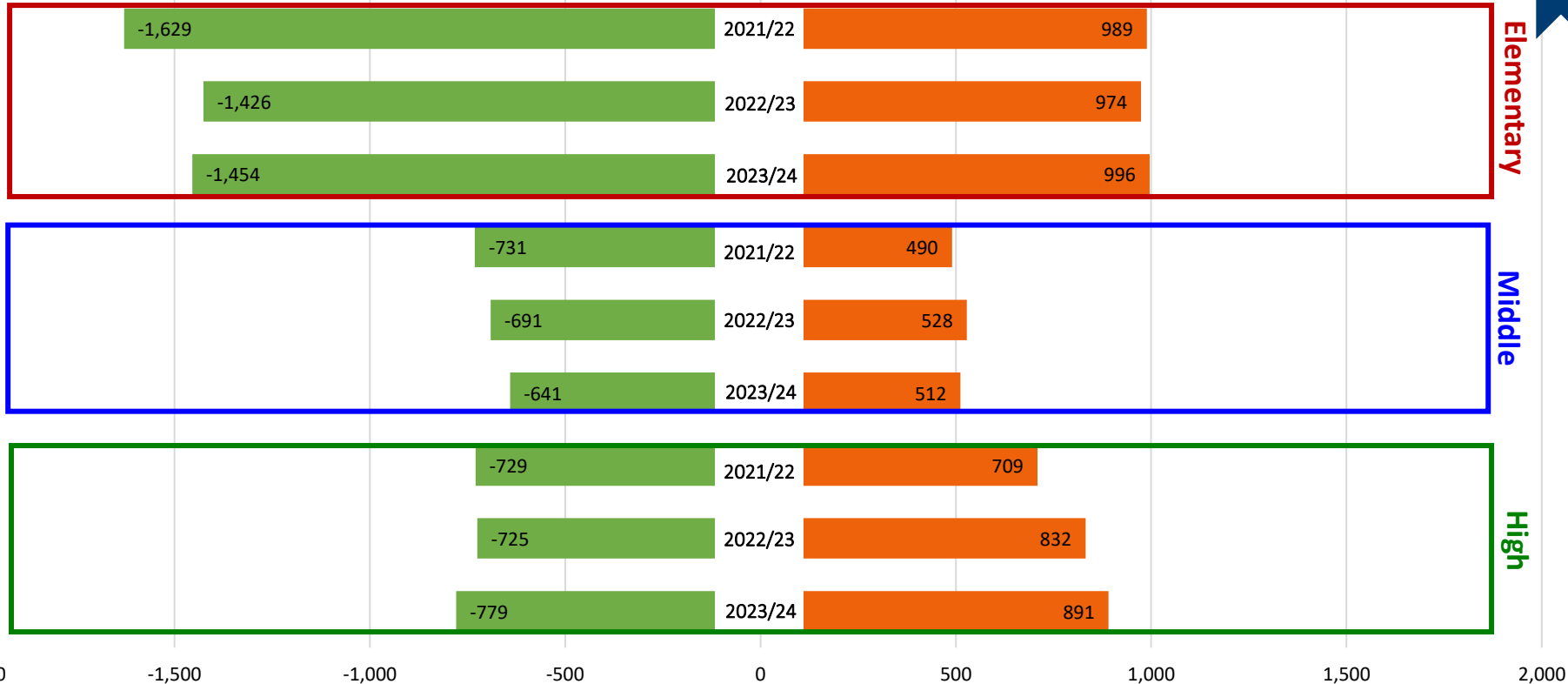
3-Year Migration (with Virtual Students)

Student data does not include alternative students, specialized programming, homeschool, or preschool partner school students. Analysis DOES include virtual campus students.



Out-Migration (students leaving the district)

In-Migration (students entering the district)



Source: RSP and Des Moines Public Schools

Definition

Out-Migration: Shows number of students in grade K to 11th that were attending the District in the previous year, but are not attending the District in the following year.

In-Migration: Shows number of students in grade 1st to 12th that are attending the District in the current year, but were not attending the District in the previous year.

Observations

- 2021/22 lost 3,089 students and gained 2,188 students; **NET: -901**
- 2022/23 lost 2,842 students and gained 2,334 students; **NET: -508**
- 2023/24 lost 2,874 students and gained 2,399 students; **NET: -475**

Elementary Migration (2022/23 to 2023/24)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Out-Migration In-Migration

Definition

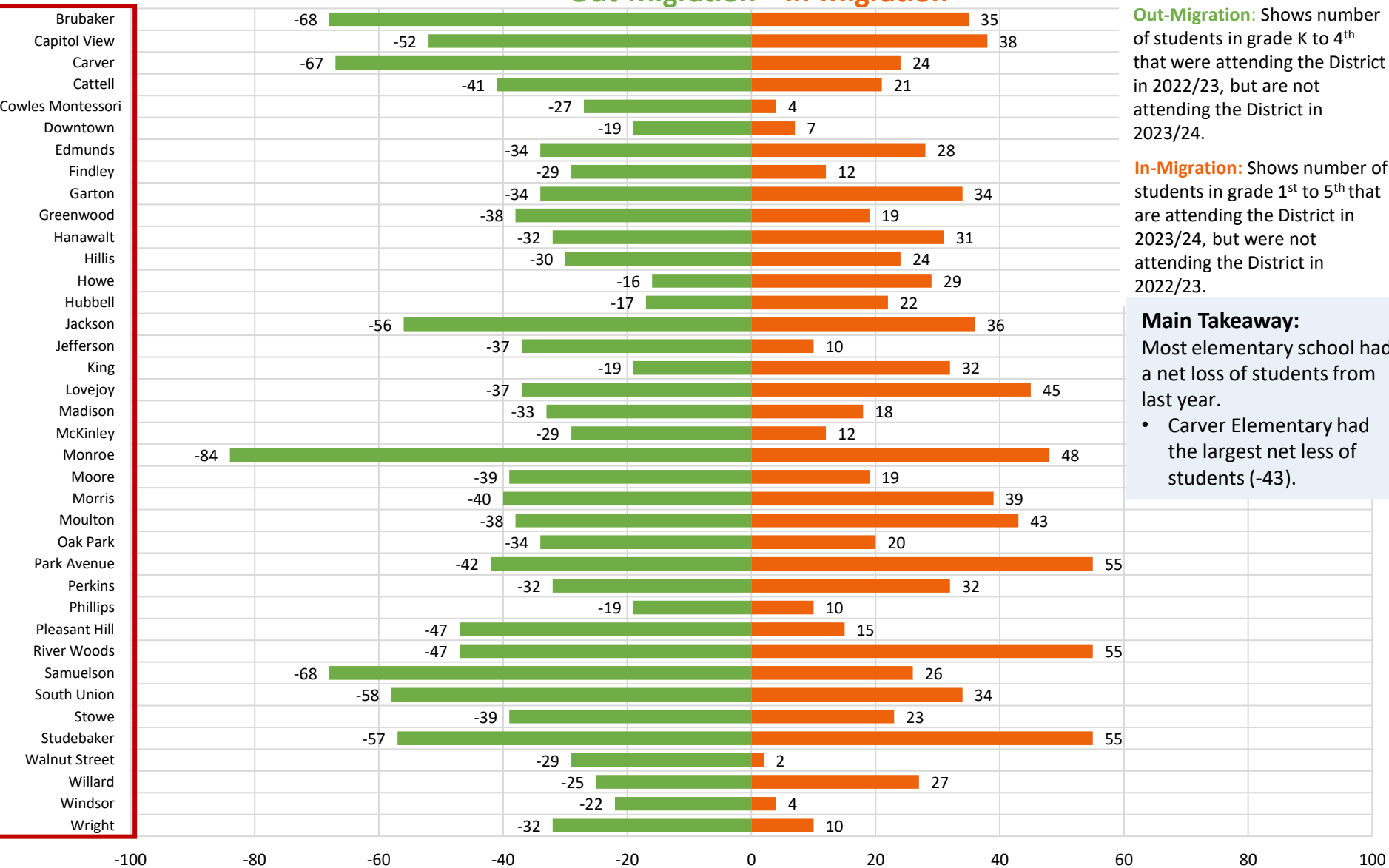
Out-Migration: Shows number of students in grade K to 4th that were attending the District in 2022/23, but are not attending the District in 2023/24.

In-Migration: Shows number of students in grade 1st to 5th that are attending the District in 2023/24, but were not attending the District in 2022/23.

Main Takeaway:

Most elementary school had a net loss of students from last year.

- Carver Elementary had the largest net loss of students (-43).



Source: RSP and Des Moines Public Schools

Secondary Migration (2022/23 to 2023/24)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Out-Migration In-Migration

Definition

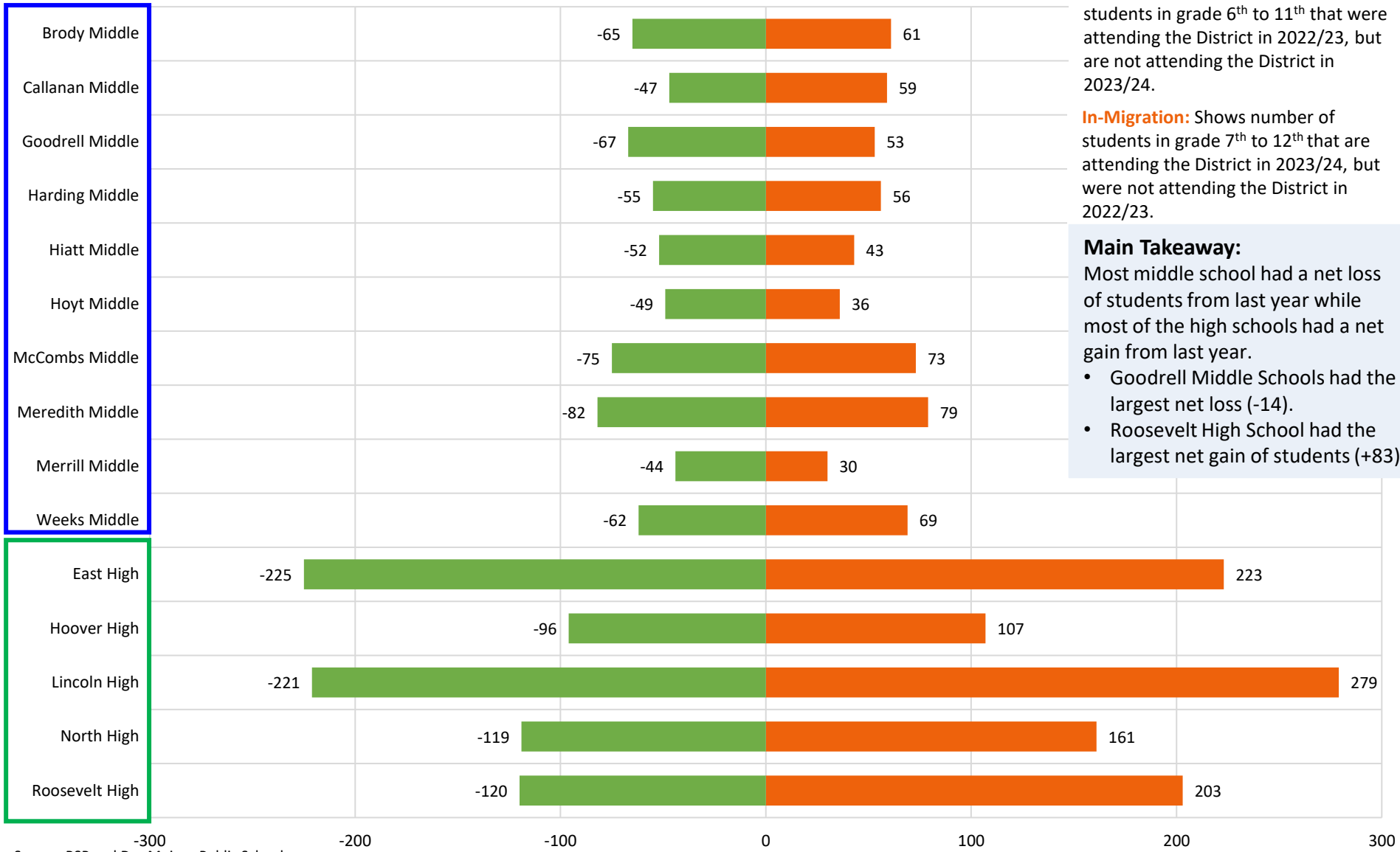
Out-Migration: Shows number of students in grade 6th to 11th that were attending the District in 2022/23, but are not attending the District in 2023/24.

In-Migration: Shows number of students in grade 7th to 12th that are attending the District in 2023/24, but were not attending the District in 2022/23.

Main Takeaway:

Most middle school had a net loss of students from last year while most of the high schools had a net gain from last year.

- Goodrell Middle Schools had the largest net loss (-14).
- Roosevelt High School had the largest net gain of students (+83)

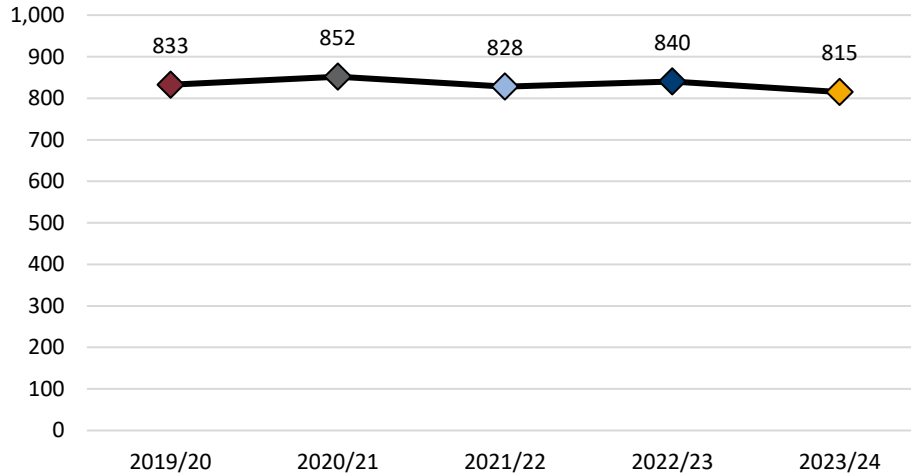


Source: RSP and Des Moines Public Schools

Open Enrolled In Student Analysis

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Total Out of District Students Over Time

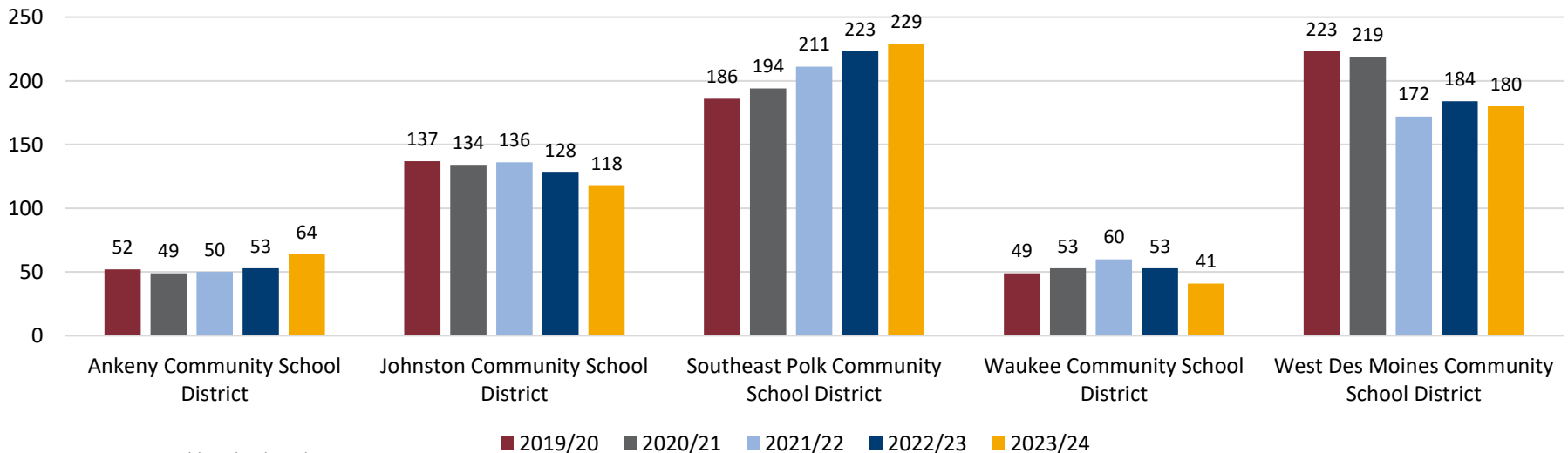


Source: Des Moines Public Schools and RSP

Observations

- Student open enrolling into the district has stayed stable over the last four years
- 2023/24 enrolls 815 students that reside outside of the district boundary
- Southeast Polk Community School District and West Des Moines Community School District contribute the largest share of open enroll students
- Open Enrolled In students have increased every year from the Southeast Polk Community School District Boundary but decreased from West Des Moines Community School District

Out of District Students by Residing District (Top 5)



Source: Des Moines Public Schools and RSP

Open Enrolled In Students by Regional School Districts

DES MOINES PUBLIC SCHOOLS Surrounding School Districts

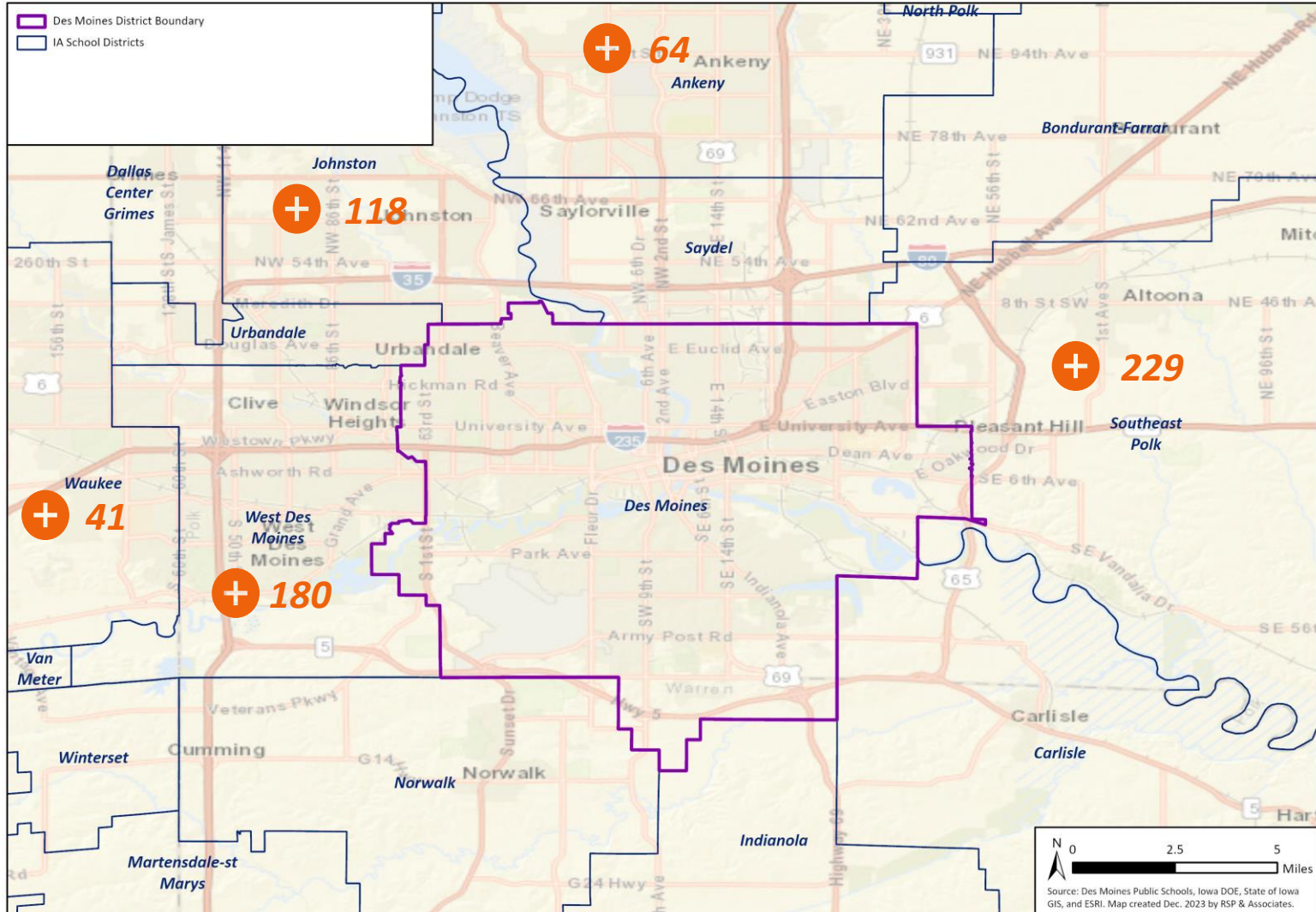
MAIN TAKEAWAY:

Purple Line: School District Boundary

Blue Line: Surrounding schools districts

Dark Orange: Number of 2023/24 open enrolled students into the district from the top 5 contributing districts

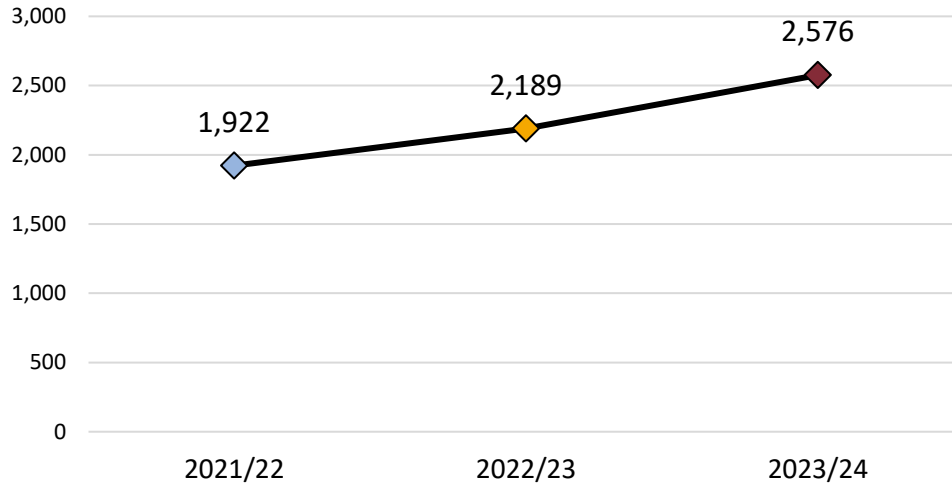
Southeast Polk contributed the largest number of out of district students this year



Note: There are other open enrolled students that reside in a school district outside of the map view.

3-Years of Open Enrolled Out Students by HS Boundary

Total Open Enrolled Out Students



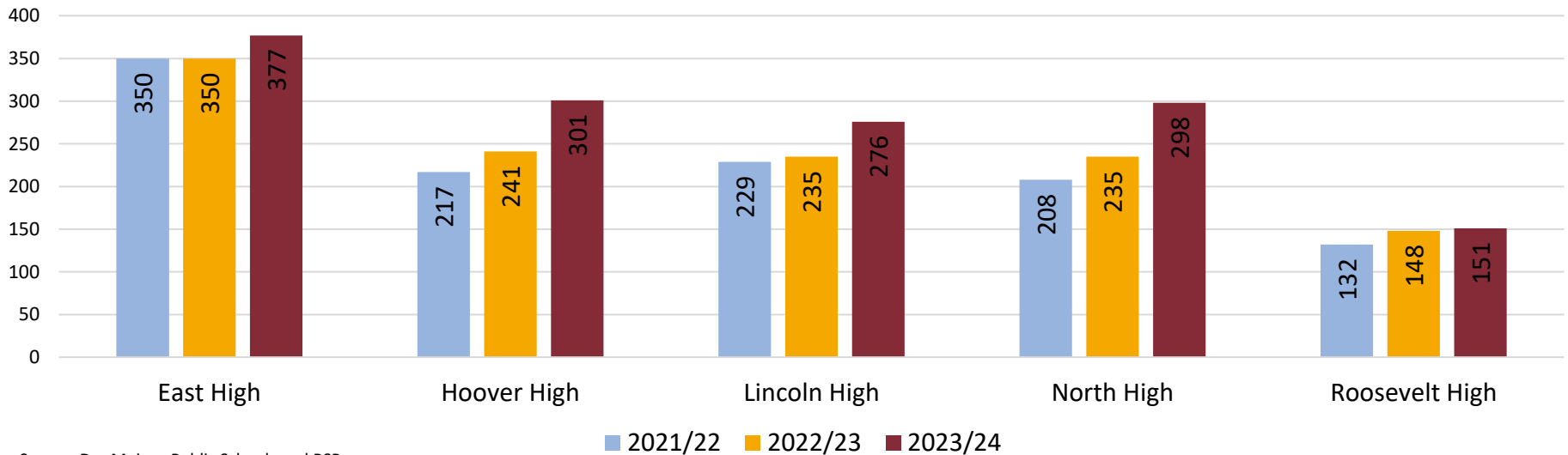
Source: Des Moines Public Schools and RSP

Observations

- Number of student open enrolled out of DMPS increased this year to over 2,500 students
- East High School boundary tends to contribute the largest number of student open enrolling out of the district

Note: Some of the student data for open enrolled out students did not include a high school designation.

Open Enrolled Out Students by Associates DMPS High School



Source: Des Moines Public Schools and RSP

4-Year Heat Map: Open Enrolled Out Students

Open Enrolled Out Student "Heat" Density in 2020/21-2023/24

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Elementary
- Middle School
- High School
- Alternative
- Park
- Colleges

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

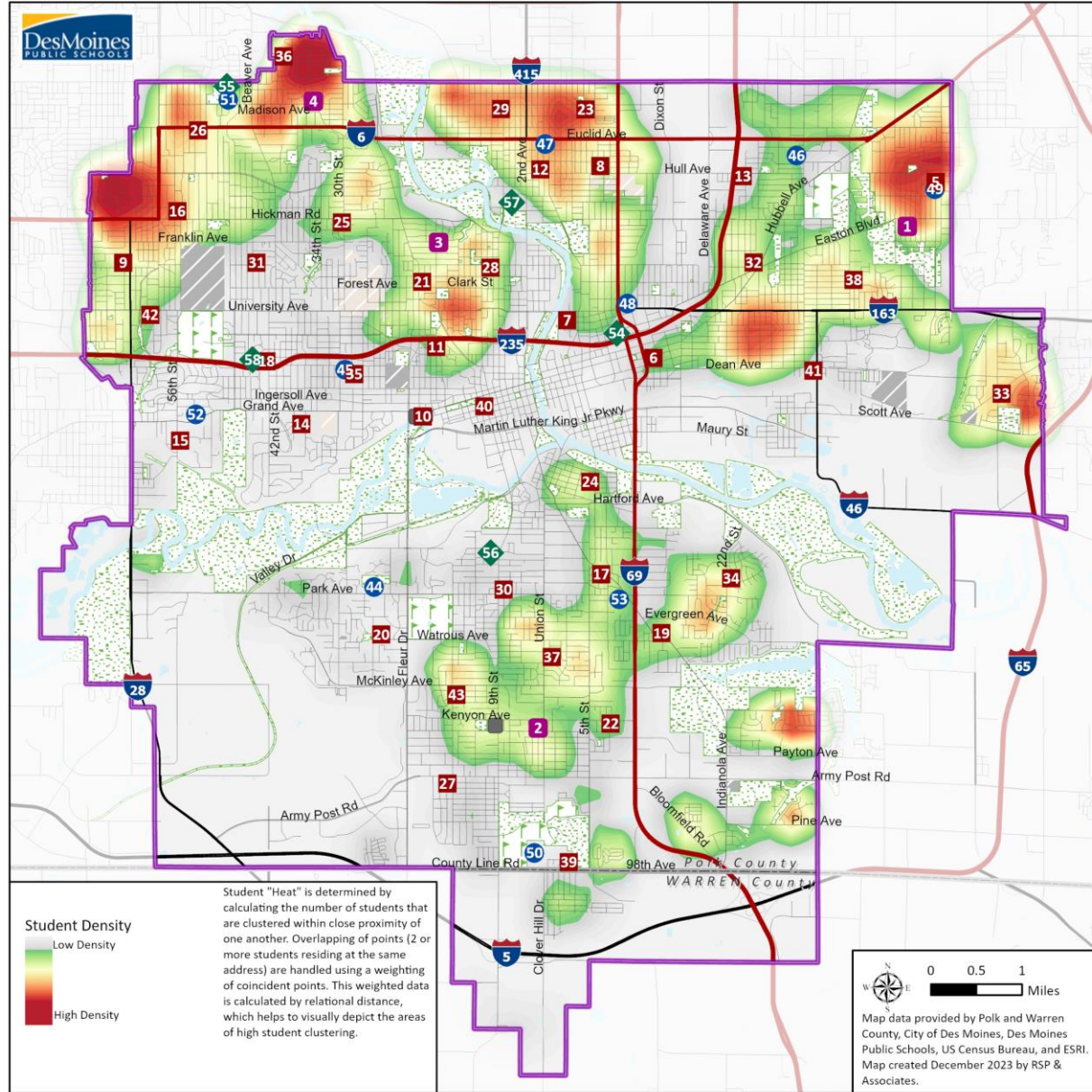
- | | |
|-----------------|--------------------|
| 5. Brubaker | 24. McKinley |
| 6. Capitol View | 25. Monroe |
| 7. Carver | 26. Moore |
| 8. Cattell | 27. Morris |
| 9. Cowles Mont. | 28. Moulton |
| 10. Downtown | 29. Oak Park |
| 11. Edmunds | 30. Park Avenue |
| 12. Findley | 31. Perkins |
| 13. Garton | 32. Phillips |
| 14. Greenwood | 33. Pleasant Hill |
| 15. Hanawalt | 34. River Woods |
| 16. Hillis | 35. Ruby Van Meter |
| 17. Howe | 36. Samuelson |
| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Stuebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
| 23. Madison | 42. Windsor |
| | 43. Wright |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Map data provided by Polk and Warren County, City of Des Moines, Des Moines Public Schools, US Census Bureau, and ESRI. Map created December 2023 by RSP & Associates.

MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Areas of hottest student density

Gray: Areas of least student density

Areas near the district boundary to the north tend to have the greatest density of student choosing to open enroll out of DMPS.

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

2023/24 Open Enroll Out Density (percent)

2023/24 Open Enrolled %

MAIN TAKEAWAY:

Purple Line: School District Boundary

Brown: Percent of students open enrolling out of district is greatest

Yellow: Percent of students open enrolling out of the district is least

Areas near the district boundary to the north tend to have the greatest density of student choosing to open enroll out of DMPS.

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Middle School
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- Colleges
- Alternative

Early Education/PK:

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Elementary Schools:

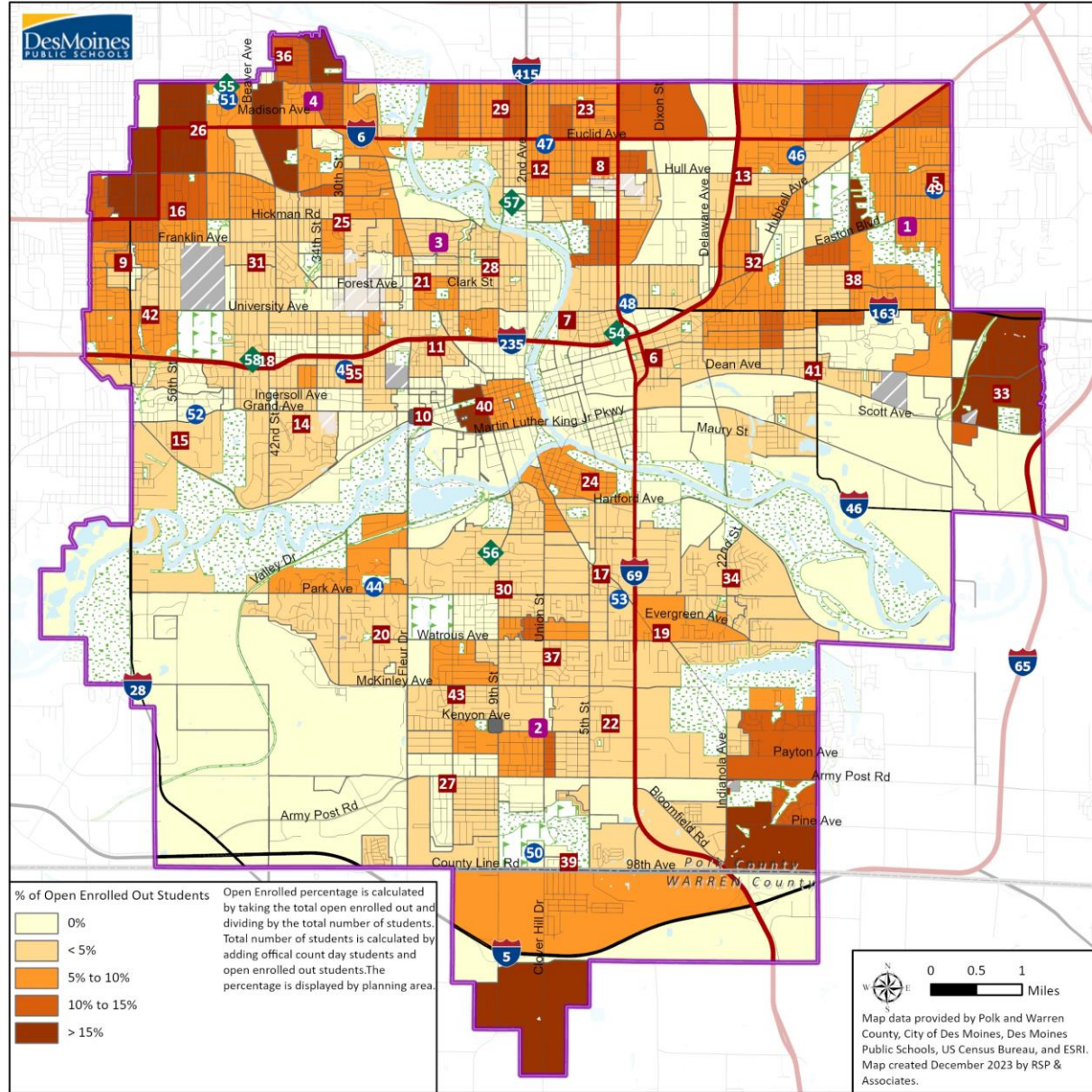
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| <ol style="list-style-type: none"> 5. Brubaker 6. Capitol View 7. Carver 8. Cattell 9. Cowles Mont. 10. Downtown 11. Edmunds 12. Findley 13. Garton 14. Greenwood 15. Hanawalt 16. Hillis 17. Howe 18. Hubbell 19. Jackson 20. Jefferson 21. King 22. Lovejoy 23. Madison | <ol style="list-style-type: none"> 24. McKinley 25. Monroe 26. Moore 27. Morris 28. Moulton 29. Oak Park 30. Park Avenue 31. Perkins 32. Phillips 33. Pleasant Hill 34. River Woods 35. Ruby Van Meter 36. Samuelson 37. South Union 38. Stowe 39. Studebaker 40. Walnut Street 41. Willard 42. Windsor 43. Wright |
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High Schools:

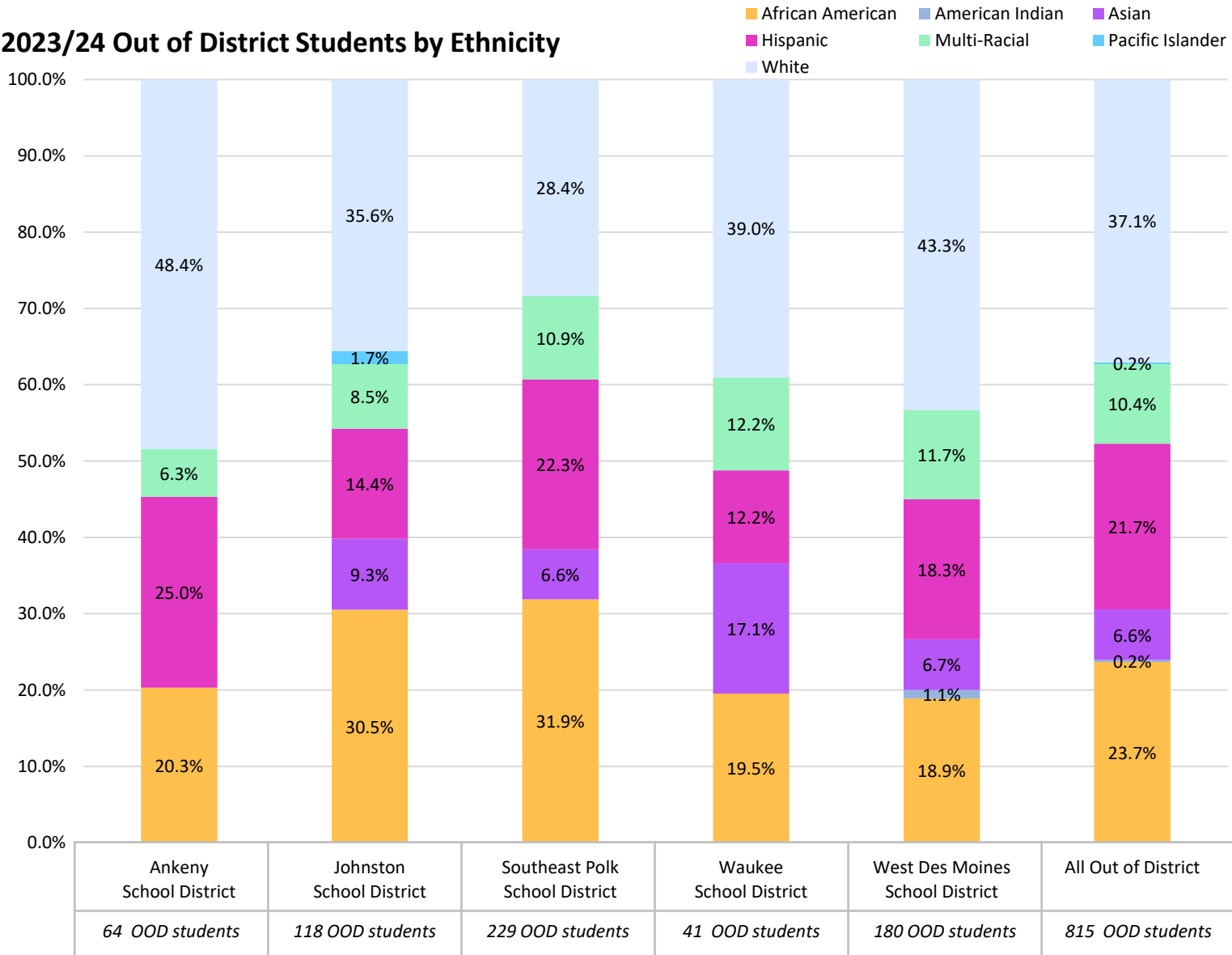
54. East
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56. Lincoln
57. North
58. Roosevelt



Out of District Students by Ethnicity

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

2023/24 Out of District Students by Ethnicity



Observations

- Around 30 to 40% of open enroll students are white
- The second highest ethnic group from out of district enrollment is African American
- Southeast Polk contributed the largest share of out of district students; 71.6% of those students are non-white ethnicities

Source: Des Moines Public Schools and RSP

District: Heat Map



Student "Heat" Density in 2023/24 in Grades K-12

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Park
- Colleges
- Early Ed/PK
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

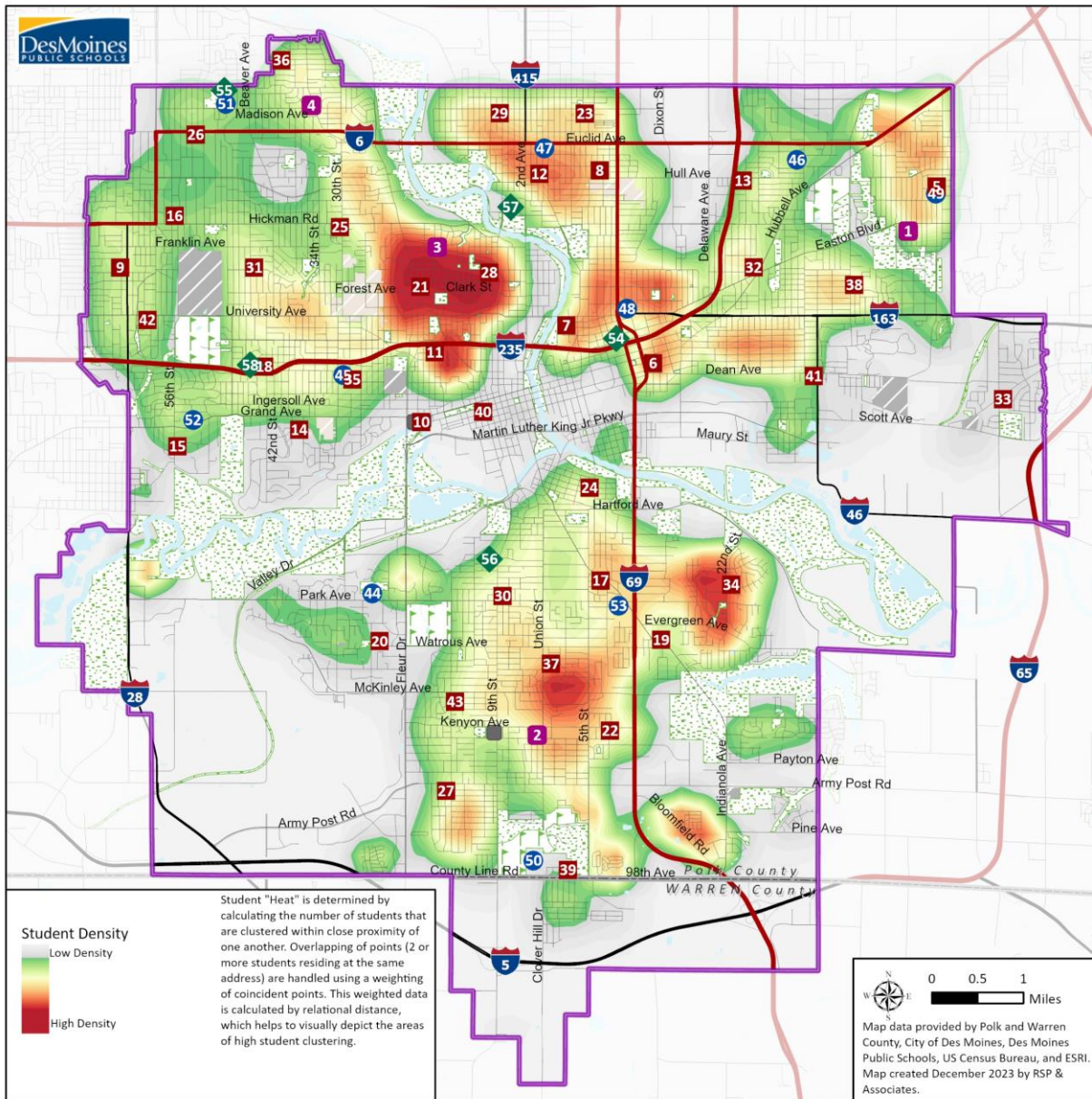
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|-----------------|--------------------|
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| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
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Middle Schools:

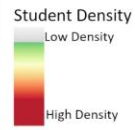
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53. Weeks

High Schools:

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58. Roosevelt



Student "Heat" is determined by calculating the number of students that are clustered within close proximity of one another. Overlapping of points (2 or more students residing at the same address) are handled using a weighting of coincident points. This weighted data is calculated by relational distance, which helps to visually depict the areas of high student clustering.



Map data provided by Polk and Warren County, City of Des Moines, Des Moines Public Schools, US Census Bureau, and ESRI. Map created December 2023 by RSP & Associates.

MAIN TAKEAWAY:
Purple Line: School District Boundary
Red: Areas of hottest student density
Gray: Areas of least student density
Area of hottest student density is near King and Moulton Elementary Schools

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

District: Student Count Change Map



Student Count Change from 2019/20 to 2023/24 in Grades K-12

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
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Elementary Schools:

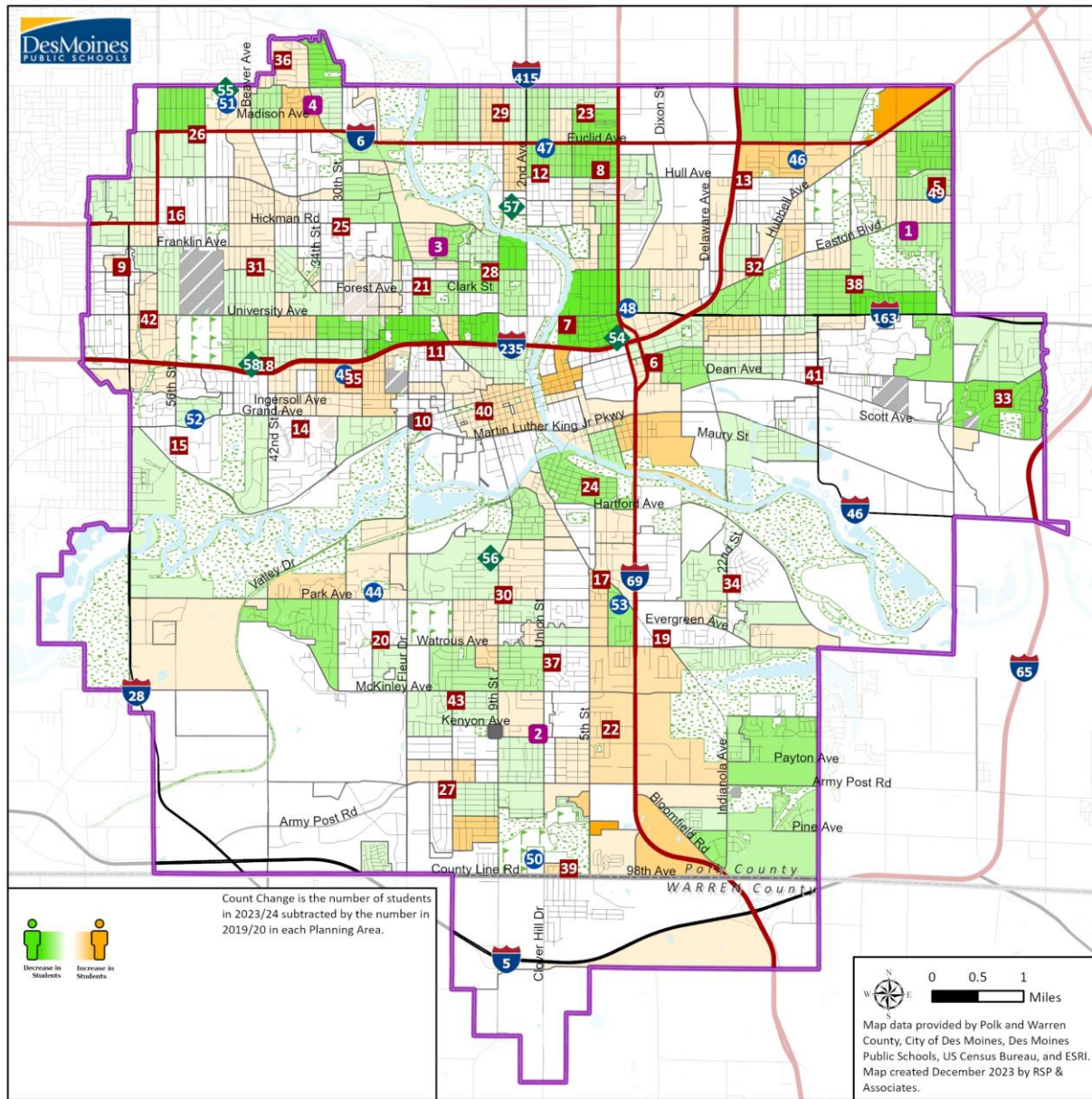
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MAIN TAKEAWAY:

Purple Line: School District Boundary

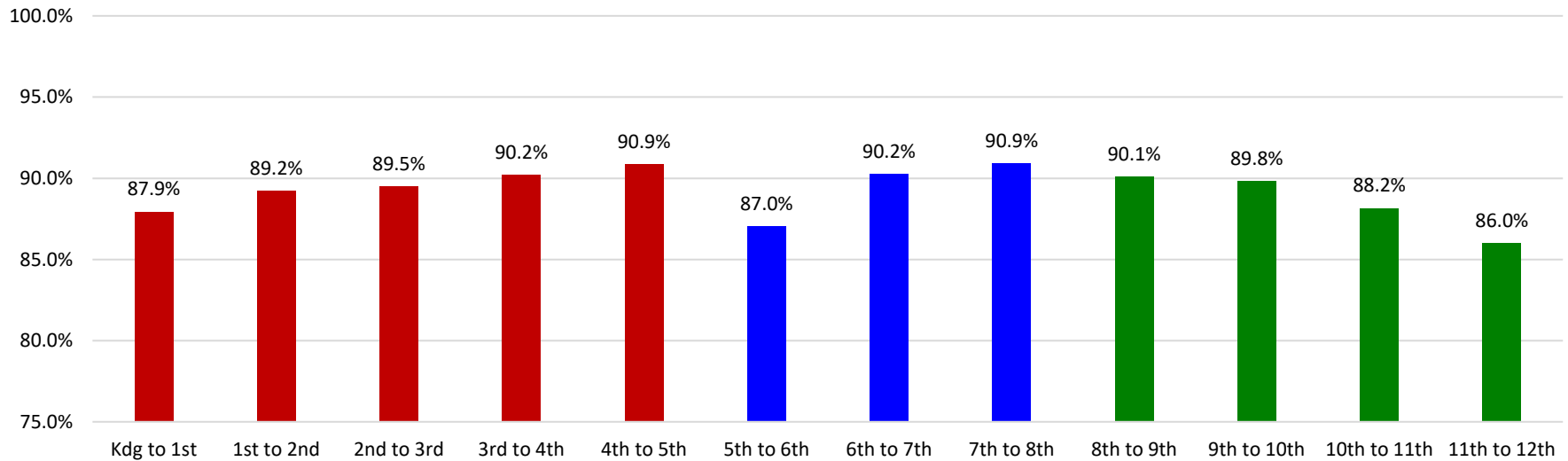
Green: Decrease in Student Count

Orange: Increase in Student Count

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

10-Year Average Annual Cohort Retention Analysis

10-Year Average Annual Cohort Retention (Analysis based on 11 years of data)



Source: Des Moines Public School Student Data and RSP

Understanding the Bar Graph:

- Table represents the average student retention at each cohort change utilizing the past ten years of student data (2012/13 to 2023/24)
- For example, if the kindergarten class starts at 1,000 students and only retains students each year by the average retention rate, the senior class would be about 253 students thirteen years later. This does not account for cohort growth between the years.
- For more information about year-to-year change by cohort, reference the appendix (pages 110 to 121)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

MAIN TAKEAWAY:

- On average, the district retains 89.2% of their student body year to year
- Future cohort growth and attraction of new students into the system is key to offsetting the retention analysis
- Elementary student retention tends to increase as the grade level increases
- Middle school student retention dips between 5th to 6th grade, but then increases as the grade level increases
- High school student retention tends to decrease as the grade level increases

Enrollment Observation and Conclusion



RSP & Associates monitors over 500 planning areas for demographic, development, and enrollment data sets

Live births in Polk County have been generally decreasing steadily since its peak in 2015 – *indicator of student loss*

District enrollment decrease by 177 students from last year – *indicator of student loss*

- Pandemic cohort recovery was non-existent
- 2019/20 to 2020/21 saw a loss of almost 1,300 students district-wide
- Most grade levels decrease as they work their way through the system

Graduating senior classes are larger than incoming kindergarten classes – *indicator of student loss*

DMPS has had a negative migration trend for the past three years – *indicator of student loss*

Greatest student density is near King and Moulton elementary schools

Open enrollment trends should continually be analyzed as change to open enrollment policy have impact on enrollment outlook. The number of DMPS students open enrolling out of the district increased this year.



PART 2

COMMUNITY DEMOGRAPHICS

Demographic Summaries

Household Demographics

Student Demographics



Population

Percent Change of Annual Rate

2000 to 2010: 0.10%
2010 to 2020: 0.39%
2020 to 2023: 0.61%
2023 to 2028: 0.52%

Observations: Population growth in the district has been minimal the past two decades and is forecasted to grow at a slower pace than the last two years.

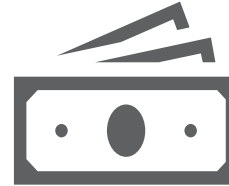


Housing

Percent Change of Annual Rate of Housing Inventory

2000 to 2010: 0.33%
2010 to 2020: 0.58%
2020 to 2023: 1.05%
2023 to 2028: 0.61%

Observations: Housing growth in the district has been minimal the past two decades and is forecasted to continue growing slightly.



Income

Percent Change of Income per Capita

2023: \$33,908
2028: \$38,450
2023 to 2028: 2.55%

Observations: Income level in the district is forecasted to increase the next five years at an average annual rate of 2.6%



Workforce

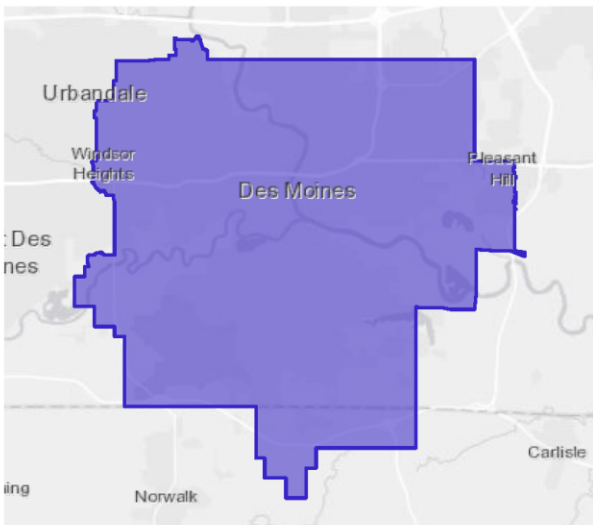
Unemployment Rate

3.0% as of July 2023

Observations: The unemployment rate in the district is higher than the State of Iowa (2.4%)

Source: US Census and ESRI BAO

Population Trends



POPULATION TRENDS AND KEY INDICATORS

Des Moines Public Schools
Area: 83.74 square miles

216,920	90,232	2.35	36.2	\$58,533	\$182,253	62	113	69
Population	Households	Avg Size Household	Median Age	Median Household Income	Median Home Value	Wealth Index	Housing Affordability	Diversity Index

MORTGAGE INDICATORS



\$9,289

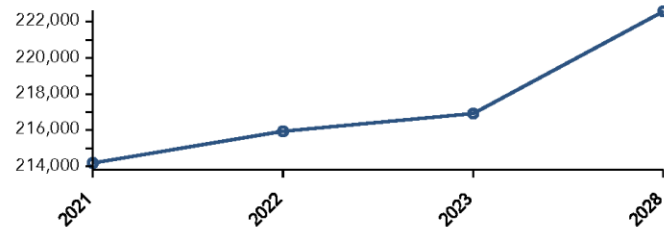
Avg Spent on Mortgage & Basics



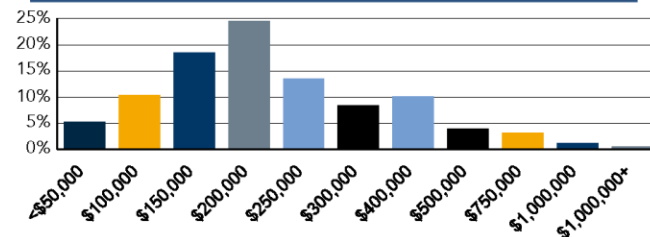
18.7%

Percent of Income for Mortgage

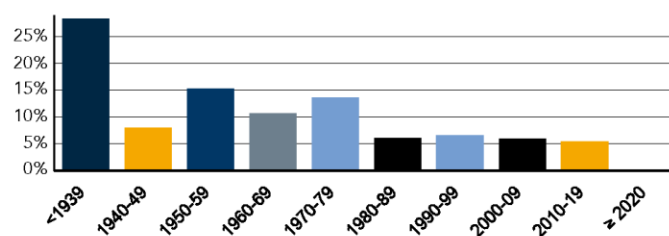
Historical Trends: Population



Home Value



Housing: Year Built

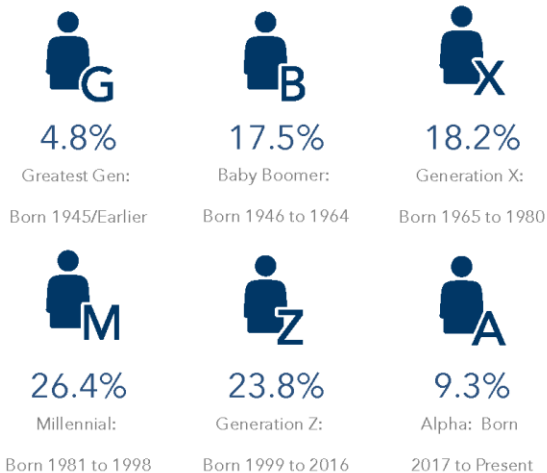


POPULATION BY AGE



■ Under 18 (23.2%)
 ■ Ages 18 to 64 (61.4%)
 ■ Aged 65+ (15.4%)

POPULATION BY GENERATION



Source: This infographic contains data provided by Esri (2023, 2028), Esri-U.S. BLS (2023), ACS (2017-2021). © 2023 Esri



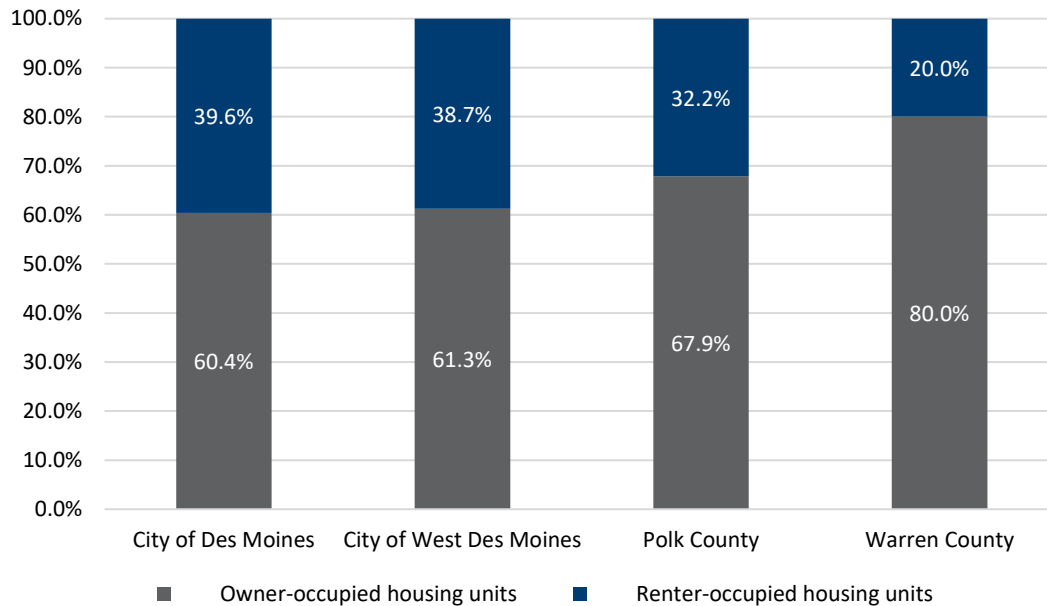
Comparative Population and Household Analysis

Population & Housing Data by Comparative Geographies:	Indicator	Total Population		Total Number of Households		Average Household Size		Total Number of Family Households		Average Family Size	
	Year	2023	2010	2023	2010	2023	2010	2023	2010	2023	2010
Des Moines Public Schools		216,920	204,617	90,232	82,179	2.35	2.42	48,431	47,830	3.13	2.99
City of Des Moines		218,517	204,606	90,437	81,793	2.36	2.43	48,753	47,830	3.15	3.11
City of West Des Moines		73,100	57,078	32,177	24,468	2.26	2.32	17,862	14,363	2.99	3.10
Polk County		510,635	403,640	204,860	170,197	2.45	2.48	125,013	108,321	3.11	3.07
Warren County		54,643	46,225	20,536	17,262	2.58	2.58	14,555	12,621	3.08	3.02

Source: 2023 ESRI, and U.S. Census

Note: Orange shading illustrates when a geography in 2023 is grew by more than 10% from 2010 in each indicator.

Occupied Housing by Percent Housing Type (Owner or Renter)



Source: 2021 ACS 5 Year Estimates, ESRI, and U.S. Census

Notes:

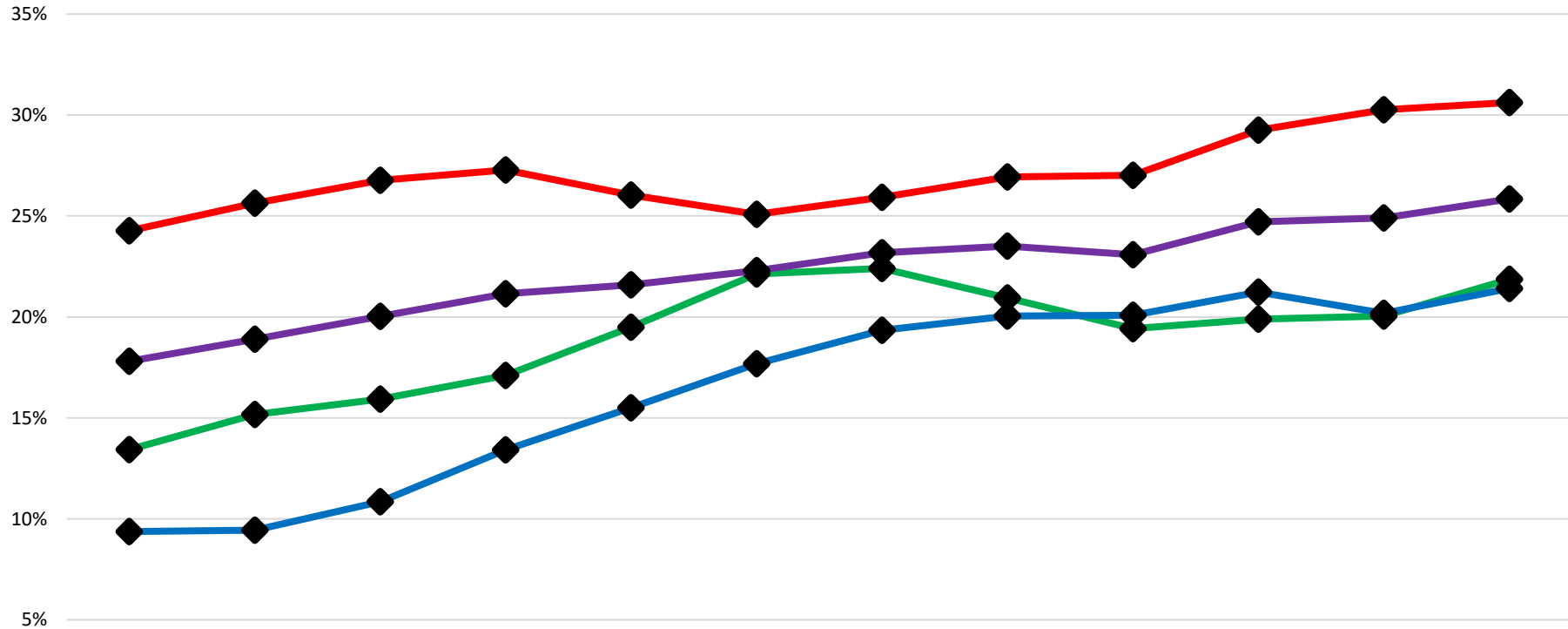
- Households are composed of one or more occupying the same residence. Families are a subset of occupied households that have one or more people related by birth, marriage, or adoption.
- Occupied housing units by housing type was not accessible for the DMPS district boundary but is assumed to be relative to the City of Des Moines and City of West Des Moines breakdowns.

MAIN TAKEAWAY:

- When compared to other geographies, DMPS and the City of Des Moines have not grown at the same level as City of West Des Moines and the counties
- Average household size decreased since 2010 in all comparable geographies
- Average family size increased since 2010 in all comparable geographies except for the City of West Des Moines
- Around 60% of occupied housing units in Des Moines metro are owner-occupied

English Language Learner Analysis

Percentage of English Language Learners (ELL) by grade level (over time)



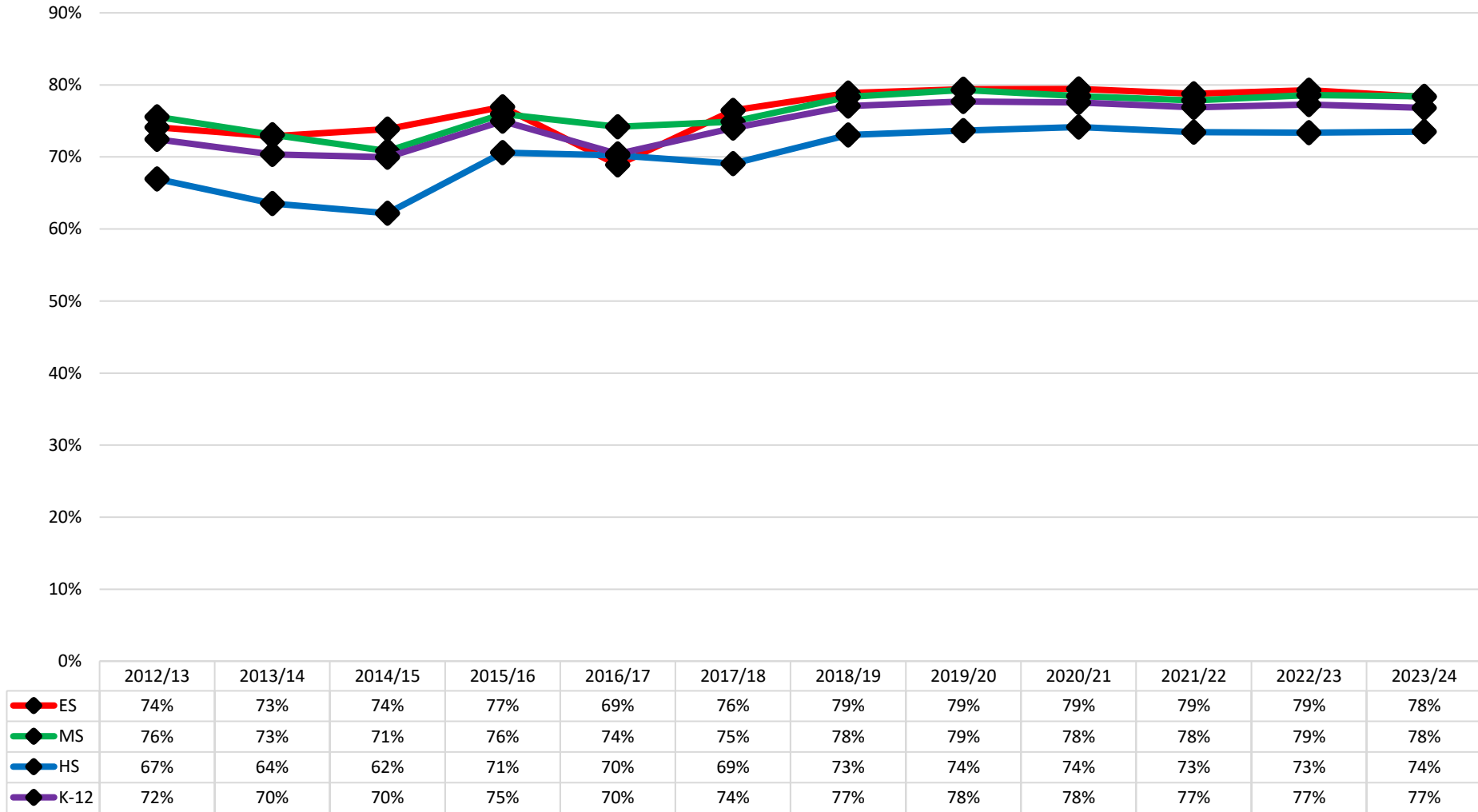
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
ES	24%	26%	27%	27%	26%	25%	26%	27%	27%	29%	30%	31%
MS	13%	15%	16%	17%	19%	22%	22%	21%	19%	20%	20%	22%
HS	9%	9%	11%	13%	16%	18%	19%	20%	20%	21%	20%	21%
K-12	18%	19%	20%	21%	22%	22%	23%	24%	23%	25%	25%	26%

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

MAIN TAKEAWAY: The number of English Language Learner students increased over time in the district. ELL student percentage peaked in all grade levels in 2019/20. Currently 26% of students are ELL students.

Free and Reduced Lunch Analysis

Percentage of Free Reduced Lunch (FRL) by grade level (over time)



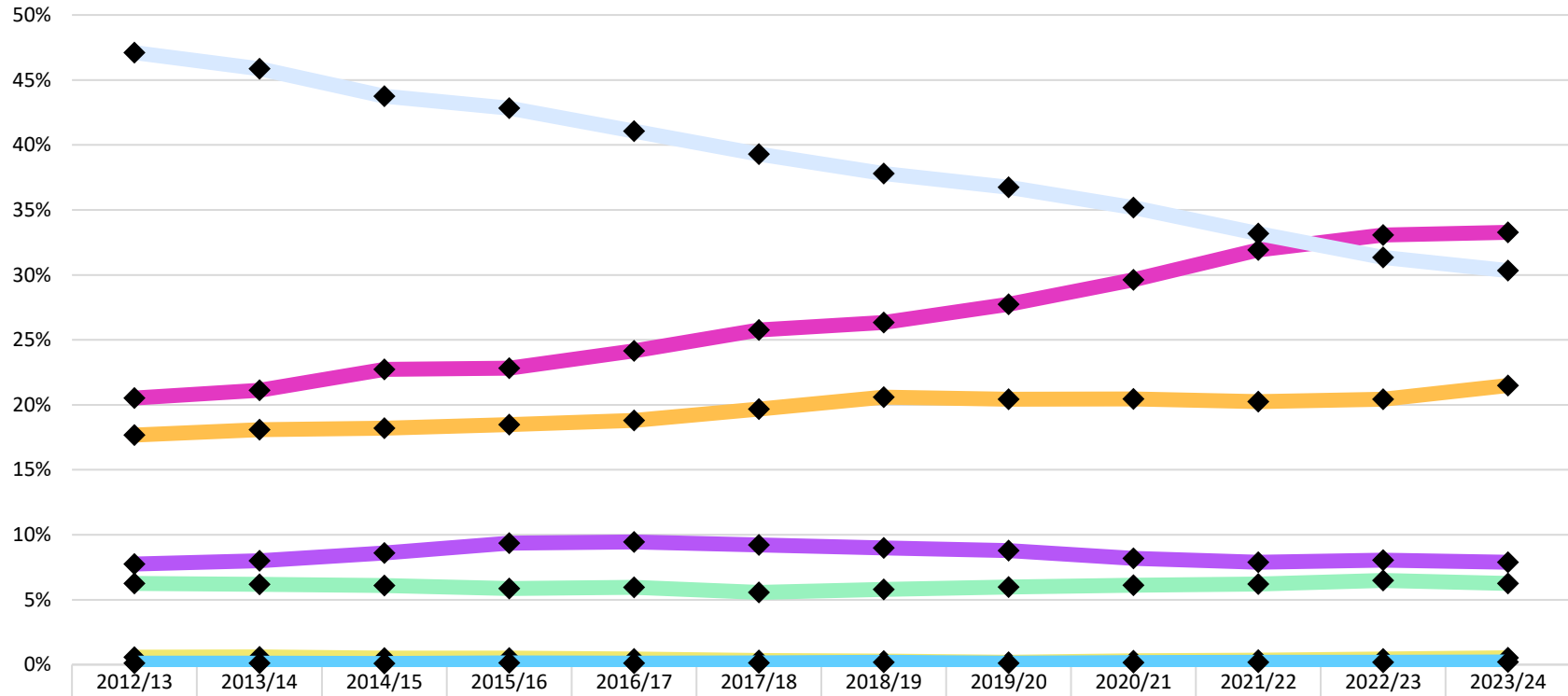
Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

MAIN TAKEAWAY: Student with free and reduced lunch status has increased over the past decade. Elementary tends to have the highest percentage while high school has the lowest. Currently 77% of students are FRL qualified.

Race/Ethnicity Analysis (K-12 Students)



Percentage of Race and Ethnicity of High School Students (over time)



Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

MAIN TAKEAWAY: District enrollment percentage in white ethnic students has been decreasing, while Hispanic and African American student percentages have been increasing.

Demographic Observation and Conclusion

The census indicates a stable increasing population for the next five years

Around 60% of occupied housing units in Des Moines metro are owner-occupied

The percent of ELL students and FRL confirmed students has increased in the district over the past decade

- In 2023/24, 26% of students are ELL
- In 2023/24, 77% of students are FRL

Average household size decreased since 2010 in all comparable geographies

Median age of population in Des Moines Public Schools boundary is 36.2 years old

Disclaimer: The “Public School District – Certified Enrollment” and “Nonpublic Schools Certified Enrollment by Resident Districts” has not been finalized and released by the Iowa Department of Education. This data is usually available by the end of January. Analyses that utilized this data in past reports were not able to be updated at this time.



PART 3 DEVELOPMENT

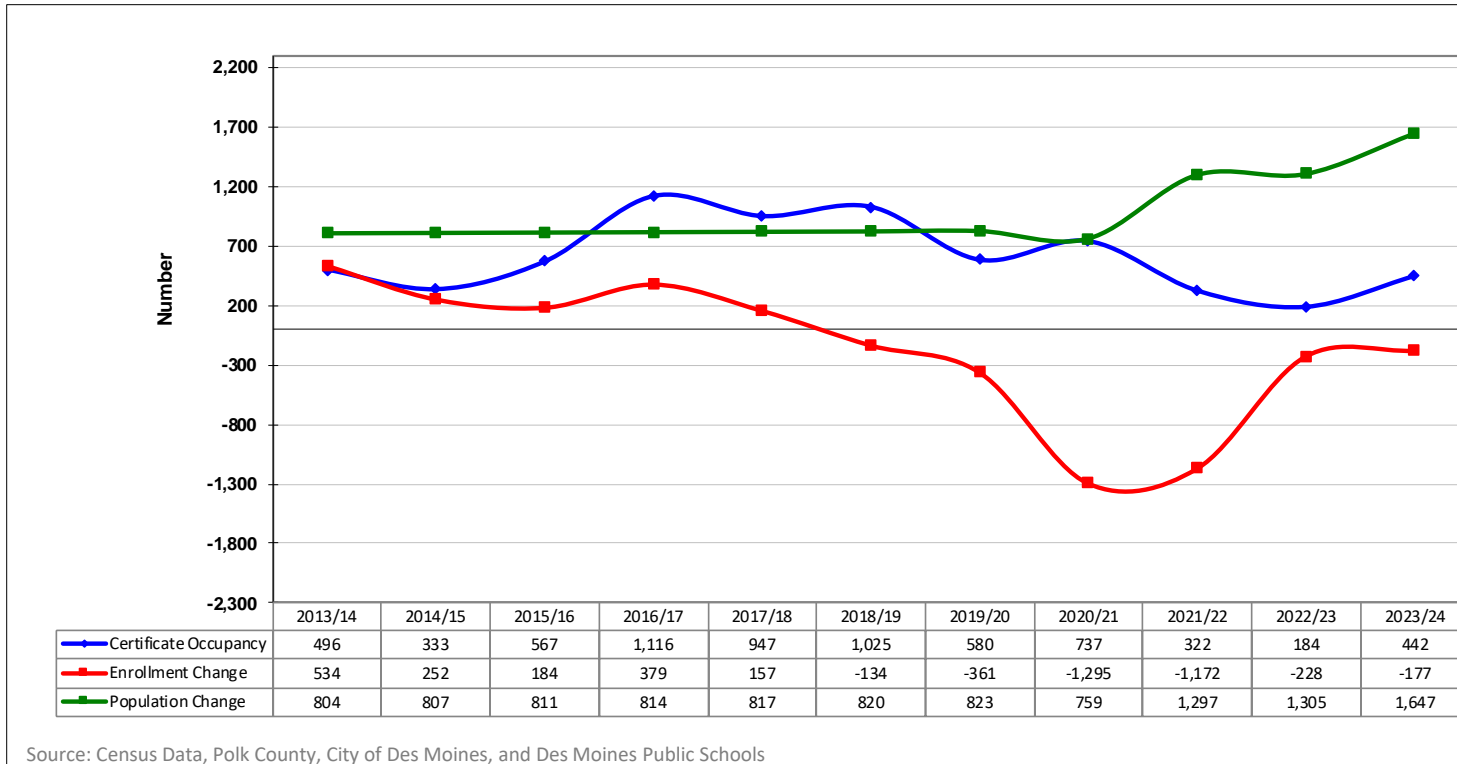
Population, Development, & Enrollment Trends

Yield Rate

Housing Market Maps & Data

Potential Growth Analysis

Population, Development, & Enrollment



Benchmark data to determine if there is a correlation between:

- Population change
- Building activity
- School enrollment

Graphic Explanation



- **BLUE LINE:** Building activity has averaged about 631 units a year (Last two years have been much lower)
- **GREEN LINE:** Census data indicated a stable rate, and a recently dramatic increase in population
 - Population shows the estimated growth of the whole decade
 - New decennial census often affect year-to-year change
- **RED LINE:** Student enrollment has been generally decreasing year to year
 - 2020/21 saw a greater decrease in students, likely due to COVID-19 pandemic

Elementary Student Yield Rate: Single-Family

Single-Family Yield Rate Observations

- Table shows the number of ES students per 100 single-family (SF) units by year and by elementary boundary
- District sees on average 16 ES students per 100 single-family households
- King Elementary has the largest 2023 SF yield rate with 26 students per 100 single-family households
- Adding new housing inventory can increase the yield rate – **There were 2,061 single-family homes built from 2014 to 2023**

Table Legend

-  Greater than 3 from District Average
-  Less than 3 from District Average

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students



Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Brubaker Elementary	19	20	19	21	20	18	20	17	17	17	16	19
Capitol View Elementary	25	26	26	24	25	23	22	21	22	22	22	24
Carver Elementary	32	35	34	36	36	34	30	29	26	25	22	31
Cattell Elementary	19	18	19	19	20	19	19	18	17	15	15	18
Cowles Montessori School	13	12	13	14	15	13	15	10	11	13	12	13
Downtown Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Edmunds Elementary	12	10	11	10	10	11	12	10	10	10	11	11
Findley Elementary	20	21	20	21	19	20	20	21	21	20	18	20
Garton Elementary	17	17	18	20	20	18	16	16	15	15	15	17
Greenwood Elementary	9	8	7	7	6	6	6	5	5	6	6	7
Hanawalt Elementary	21	20	20	19	19	20	19	18	19	18	17	19
Hillis Elementary	10	11	10	10	11	11	9	9	9	9	9	10
Howe Elementary	18	19	20	20	21	19	18	17	20	19	19	19
Hubbell Elementary	14	14	14	13	13	13	13	13	12	12	11	13
Jackson Elementary	20	21	22	23	22	22	21	19	20	20	20	21
Jefferson Elementary	11	10	12	12	13	13	13	14	14	13	12	12
King Elementary	38	34	34	35	33	30	31	27	28	26	26	32
Lovejoy Elementary	20	18	19	18	20	20	19	19	19	17	20	19
Madison Elementary	18	17	17	17	18	18	18	17	15	15	16	17
McKinley Elementary	21	20	17	13	14	13	13	12	13	13	12	15
Monroe Elementary	17	16	16	18	18	17	18	17	17	16	15	17
Moore Elementary	8	8	8	9	9	10	10	10	9	9	9	9
Morris Elementary	22	22	20	20	19	18	17	15	15	17	19	19
Moulton Elementary	29	31	31	29	28	26	27	23	20	21	21	26
Oak Park Elementary	14	16	16	16	15	16	14	14	13	14	14	15
Park Avenue Elementary	14	14	15	14	13	13	14	13	13	13	13	14
Perkins Elementary	15	16	16	15	15	15	14	13	12	13	14	14
Phillips Elementary	18	22	21	23	21	19	21	19	16	17	16	19
Pleasant Hill Elementary	12	11	11	11	13	13	10	8	8	8	8	11
River Woods Elementary	27	26	25	22	20	22	23	21	23	22	22	23
Samuelson Elementary	13	14	13	14	15	15	15	15	15	14	14	14
South Union Elementary	19	18	16	17	18	18	19	17	17	18	16	18
Stowe Elementary	17	17	17	18	18	18	18	15	16	15	15	17
Studebaker Elementary	14	13	14	14	13	14	14	12	13	13	13	13
Walnut Street Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Willard Elementary	21	20	21	21	21	20	20	17	17	18	18	19
Windsor Elementary	8	9	9	9	11	10	11	11	11	11	10	10
Wright Elementary	13	15	15	15	15	15	17	16	15	15	13	15
District (K-5):	17	17	17	17	17	16	16	15	15	15	15	16

Elementary Student Yield Rate: Multi-Family

Multi-Family Yield Rate Observations

- Table shows the number of ES students per 100 multi-family (MF) units by year and by elementary boundary
- District sees on average 11 students per 100 multi-family households
- King Elementary has the largest 2023 MF yield rate with 39 students per 100 multi-family households
- Adding new housing inventory can increase the yield rate – **There was 4,192 multi-family homes built from 2014 to 2023**

Table Legend

-  Greater than 3 from District Average
-  Less than 3 from District Average

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Brubaker Elementary	15	14	17	20	19	15	14	18	21	21	22	18
Capitol View Elementary	13	13	16	16	18	15	14	15	12	15	14	15
Carver Elementary	21	20	18	16	12	4	4	4	5	4	4	11
Cattell Elementary	14	16	19	15	14	17	23	23	21	18	21	18
Cowles Montessori School	0	0	0	0	0	0	0	0	0	0	0	0
Downtown Elementary	2	2	2	1	2	2	2	2	1	2	2	2
Edmunds Elementary	24	24	22	23	20	19	17	15	14	14	15	19
Findley Elementary	100	100	100	100	50	50	100	0	0	0	0	54
Garton Elementary	8	0	8	17	33	42	25	33	8	8	0	17
Greenwood Elementary	6	7	6	6	6	7	7	7	8	8	6	7
Hanawalt Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Hillis Elementary	10	11	10	14	14	9	11	11	7	9	8	11
Howe Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Hubbell Elementary	5	4	4	5	6	7	8	5	6	5	3	5
Jackson Elementary	5	6	6	7	8	9	10	7	6	7	7	7
Jefferson Elementary	3	2	4	6	3	5	2	3	1	3	1	3
King Elementary	48	47	41	41	36	33	36	40	53	43	39	41
Lovejoy Elementary	13	16	23	23	19	17	19	19	20	20	23	18
Madison Elementary	5	0	5	5	23	14	23	32	32	23	18	16
McKinley Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Monroe Elementary	23	22	22	21	22	18	14	13	13	14	13	18
Moore Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Morris Elementary	11	13	13	14	14	12	11	12	11	9	11	12
Moulton Elementary	50	50	0	0	0	0	0	0	0	0	0	13
Oak Park Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Park Avenue Elementary	10	10	10	11	11	12	11	12	12	12	12	11
Perkins Elementary	4	4	5	5	4	5	5	3	5	5	4	4
Phillips Elementary	0	0	0	0	0	25	0	50	0	0	0	6
Pleasant Hill Elementary	15	22	15	16	15	16	19	17	19	15	19	17
River Woods Elementary	23	22	23	26	24	23	22	21	20	21	21	22
Samuelson Elementary	0	0	0	0	0	0	0	0	0	0	0	0
South Union Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Stowe Elementary	4	0	4	4	4	8	8	8	4	4	4	5
Studebaker Elementary	18	21	23	26	26	22	25	23	23	23	25	23
Walnut Street Elementary	1	1	1	1	1	1	2	1	2	2	1	1
Willard Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Windsor Elementary	10	9	9	10	11	12	10	8	7	9	10	10
Wright Elementary	1	1	1	0	1	2	2	2	2	2	1	1
District (K-5):	11	11	11	12	12	11	10	10	10	10	10	11

Average Year Built Map



Average Year Built

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Colleges
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

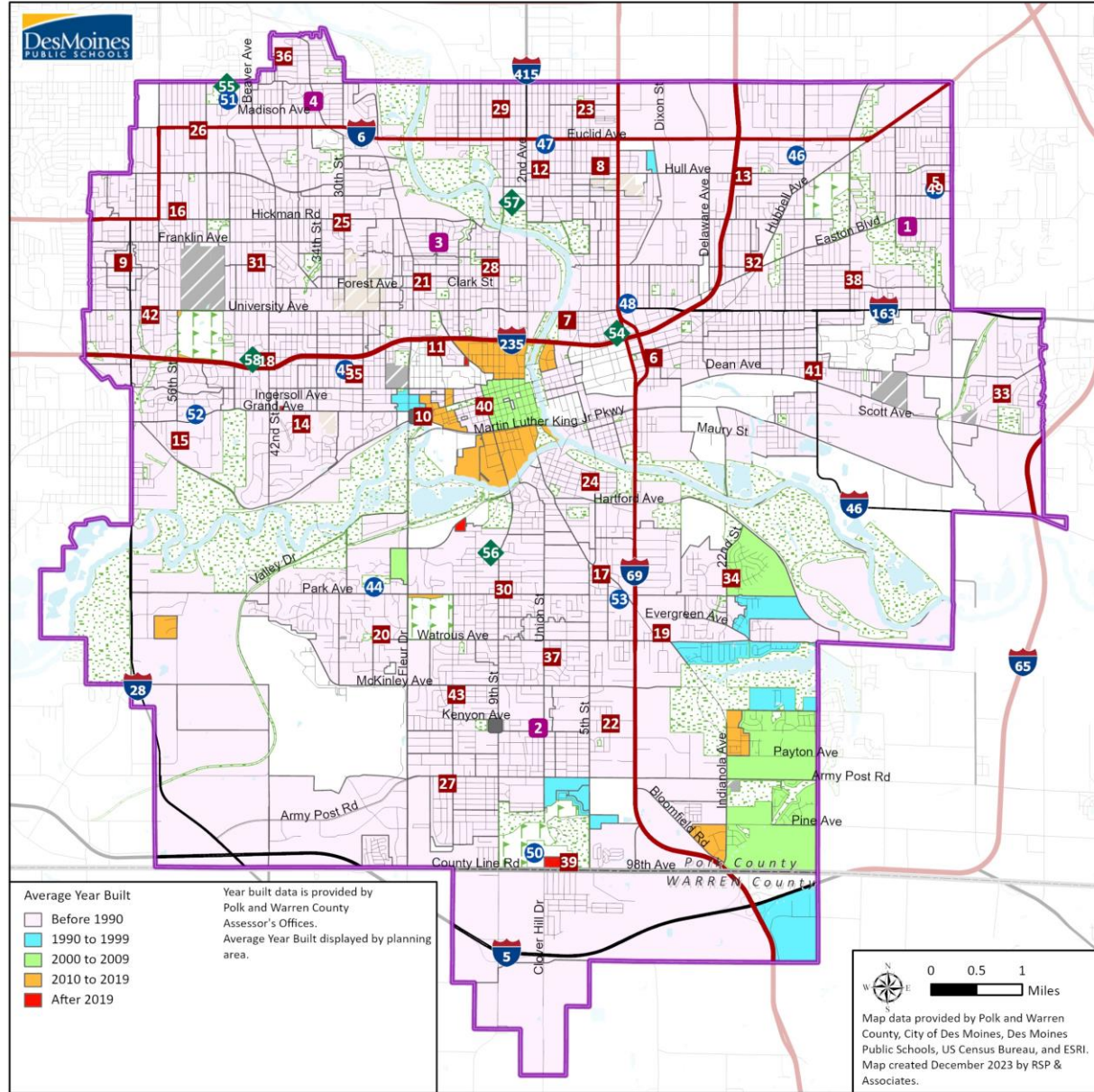
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| 5. Brubaker | 24. McKinley |
| 6. Capitol View | 25. Monroe |
| 7. Carver | 26. Moore |
| 8. Cattell | 27. Morris |
| 9. Cowles Mont. | 28. Moulton |
| 10. Downtown | 29. Oak Park |
| 11. Edmunds | 30. Park Avenue |
| 12. Findley | 31. Perkins |
| 13. Garton | 32. Phillips |
| 14. Greenwood | 33. Pleasant Hill |
| 15. Hanawalt | 34. River Woods |
| 16. Hillis | 35. Ruby Van Meter |
| 17. Howe | 36. Samuelson |
| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Studebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
| 23. Madison | 42. Windsor |
| | 43. Wright |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Newest residential inventory

Pink: Older residential inventory

Most of district's residential inventory was built before 1990

Median Home Value Map



MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Least affordable residential inventory (high MHV)

Blue: Most affordable residential inventory (low MHV)

The areas of least affordability are to the west, while the core downtown is the most affordable areas of residential inventory.

Median Home Value

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Elementary
- Middle School
- Park
- High School
- Colleges
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

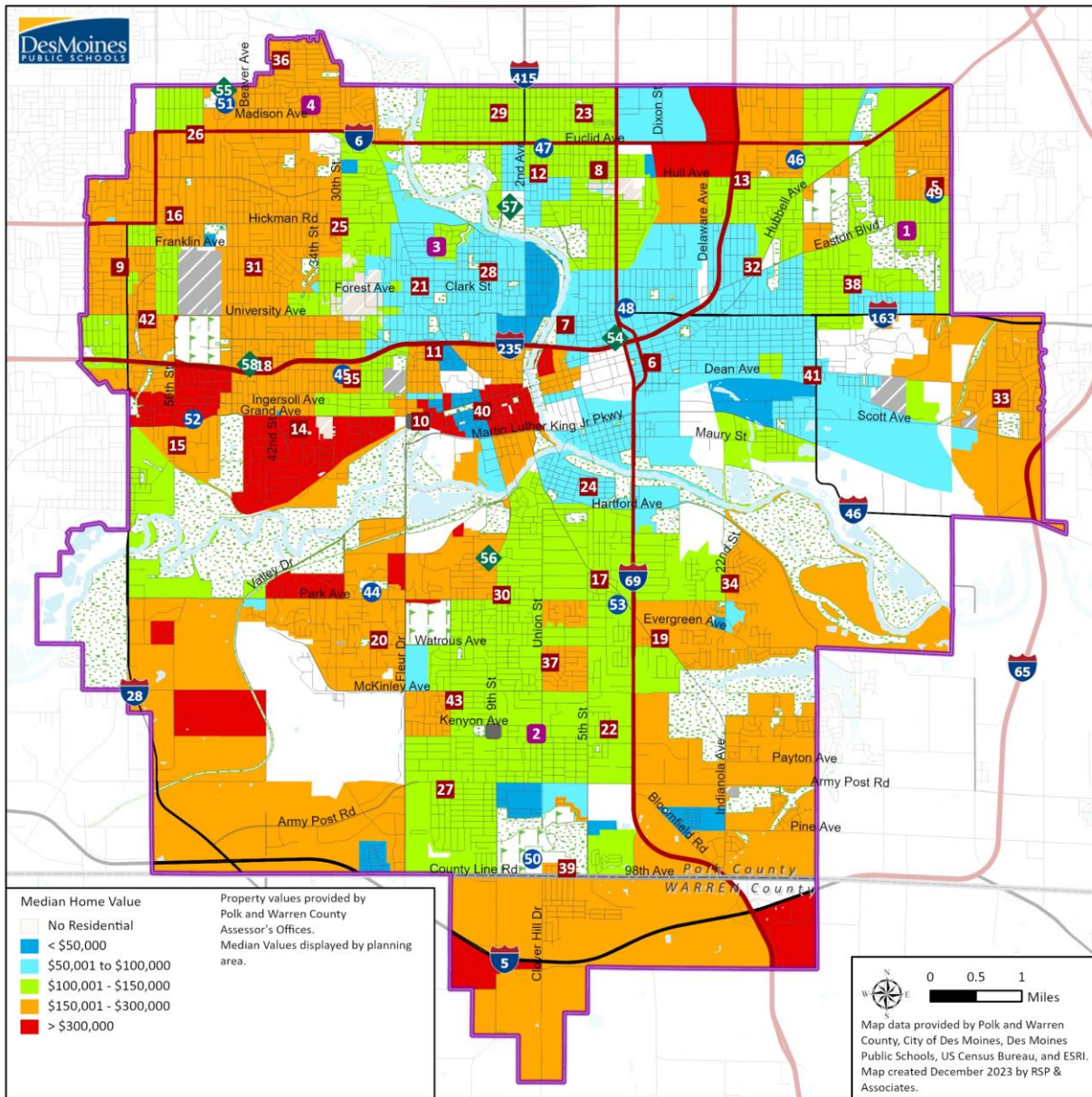
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Recent Year Built Map



Residential Year Built

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Elementary
- Middle School
- ◆ Park
- ◆ High School
- Colleges
- Alternative

Early Education/PK:

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Elementary Schools:

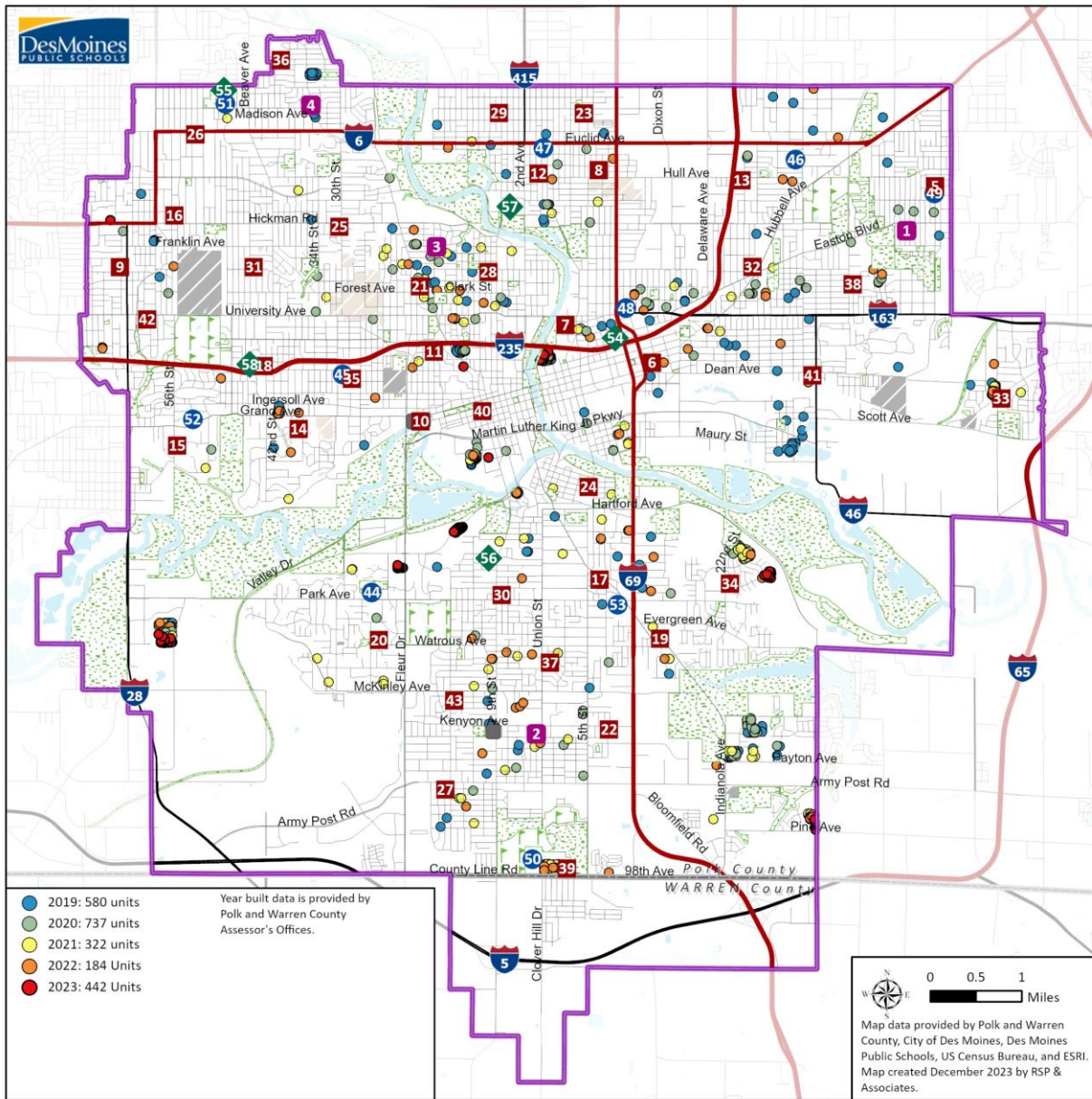
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| <ol style="list-style-type: none"> 5. Brubaker 6. Capitol View 7. Carver 8. Cattell 9. Cowles Mont. 10. Downtown 11. Edmunds 12. Findley 13. Garton 14. Greenwood 15. Hanawalt 16. Hillis 17. Howe 18. Hubbell 19. Jackson 20. Jefferson 21. King 22. Lovejoy 23. Madison | <ol style="list-style-type: none"> 24. McKinley 25. Monroe 26. Moore 27. Morris 28. Moulton 29. Oak Park 30. Park Avenue 31. Perkins 32. Phillips 33. Pleasant Hill 34. River Woods 35. Ruby Van Meter 36. Samuelson 37. South Union 38. Stowe 39. Stuebaker 40. Walnut Street 41. Willard 42. Windsor 43. Wright |
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MAIN TAKEAWAY:

Purple Line: School District Boundary

Dots: Colors coordinate of what year units were built in the district; Red dots are units built in 2023

There have been 442 new units built in 2023.

2021 Median Rent Map

2021 Median Rent

MAIN TAKEAWAY:

Purple Line: School District Boundary

Dark Red: Highest median rent

Yellow: Lowest median rent

Map illustrates median rent by census tract.

The northwest tends to have the highest as recorded by the US Census.

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Middle School
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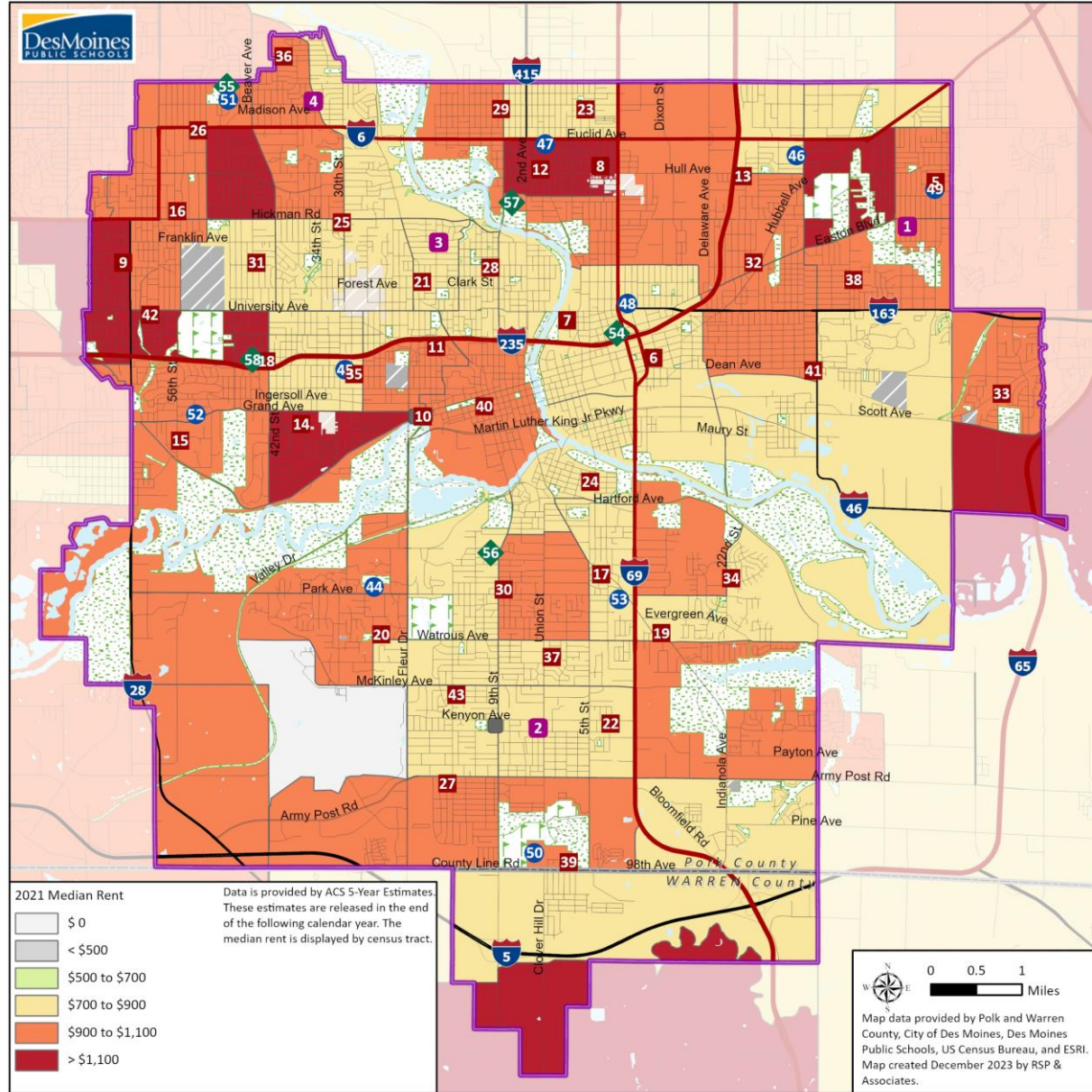
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Median Rent Change Map

2020-2021 Median Rent Change

MAIN TAKEAWAY:

Purple Line: School District Boundary

Dark Orange: Highest rent change by year

Yellow: Lowest rent change by year

Map illustrates median rent by census tract.

The northwest tends to have the highest as recorded by the US Census.

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Middle School
- High School
- Colleges
- Alternative

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Elementary Schools:

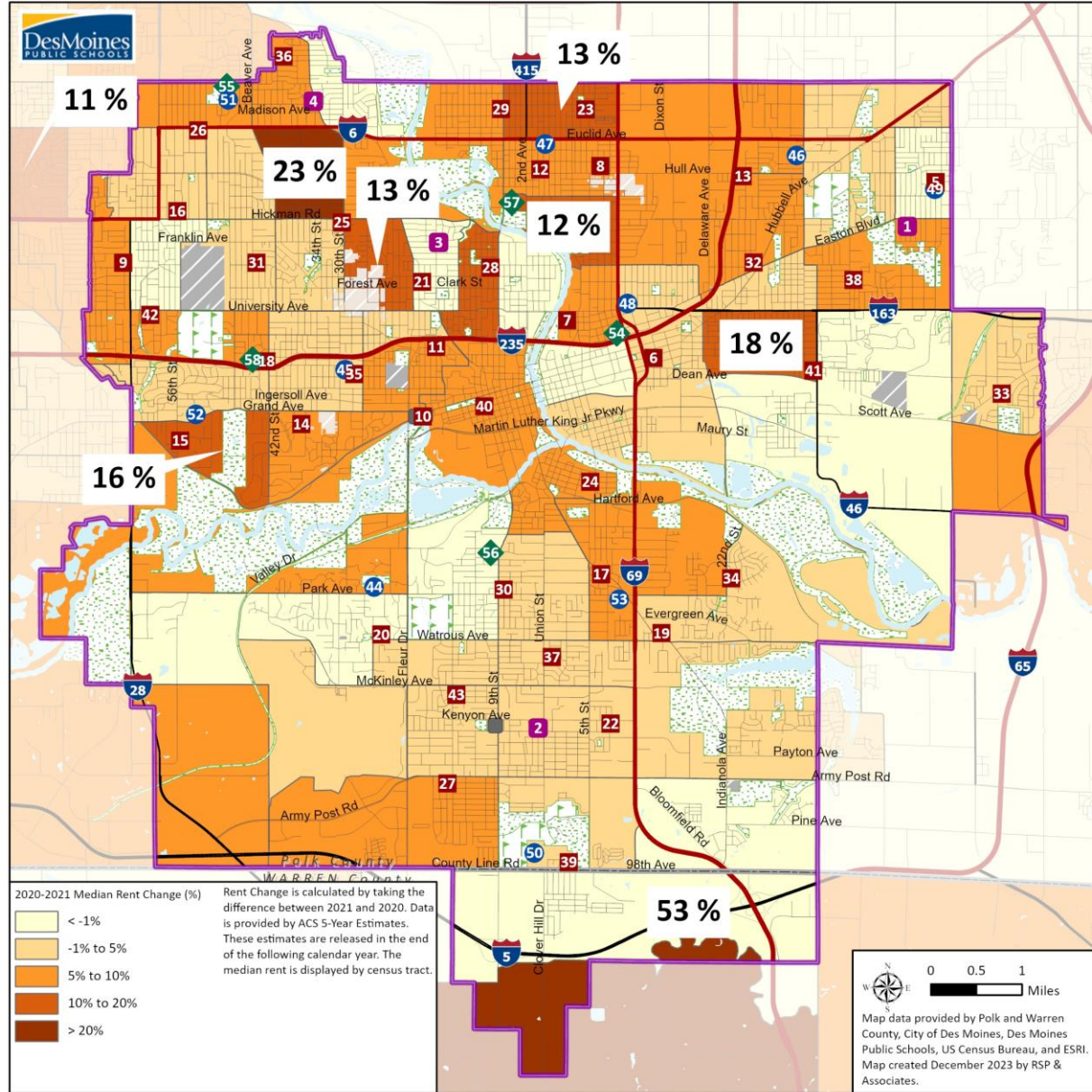
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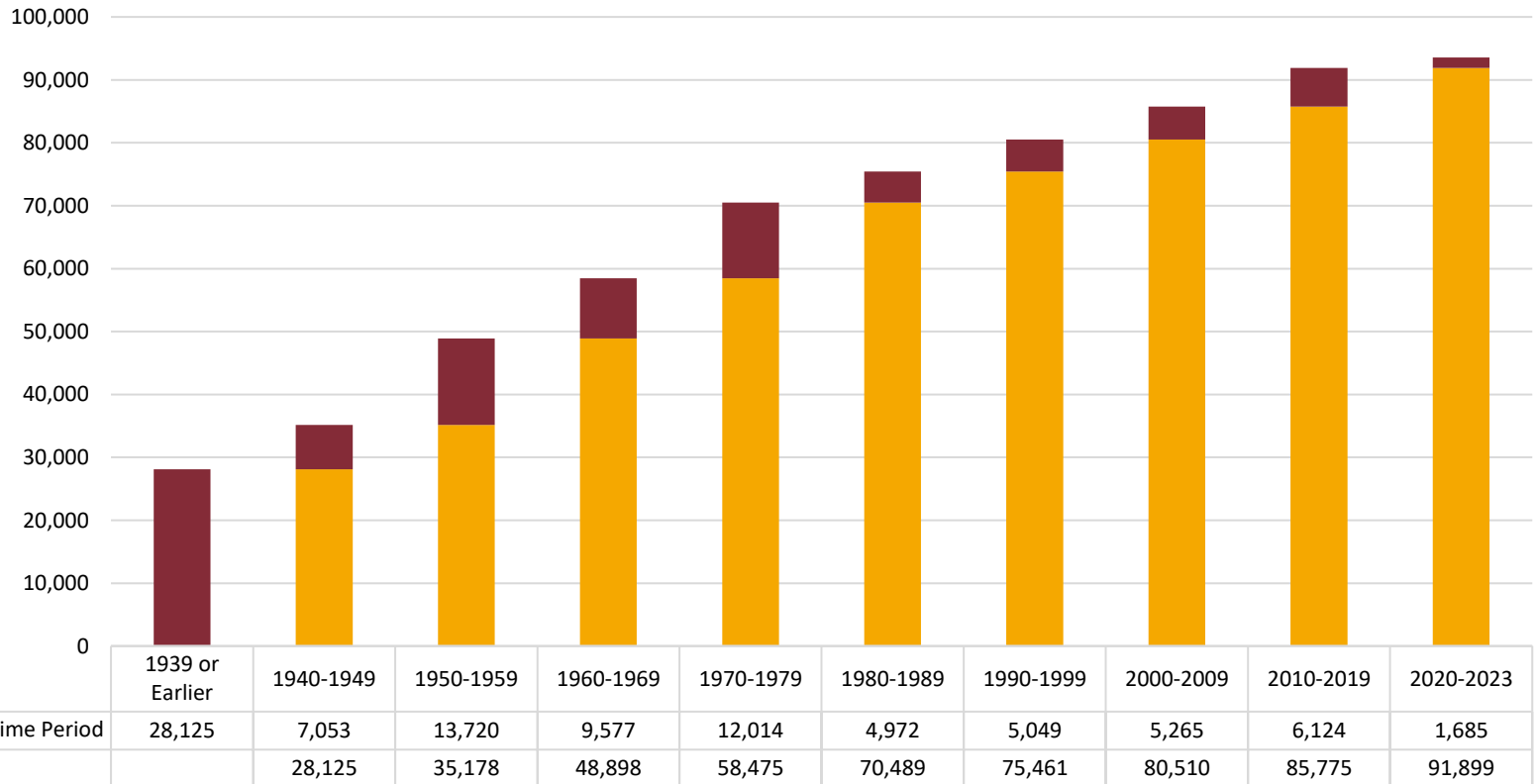


Development Activity Over Time

Observations:

- Table has been created to illustrate the number of units by year built
- The average number of units built per year from 2010 to 2019 (612 per year) is higher than from 2000 to 2009 (526 per year)
- The decade with the most units built was 1950 to 1959
- The average year for all units built was 1947 while the median year built in 1950

New V.S. Existing Units by Decade Built



■ Number of Units in Time Period ■ Number of Units

Source: Polk County and ESRI

Growth Area Potential Map



Growth Areas

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Park
- Colleges
- Early Ed/PK
- Elementary
- Middle School
- High School
- Alternative

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4. Woodlawn

Elementary Schools:

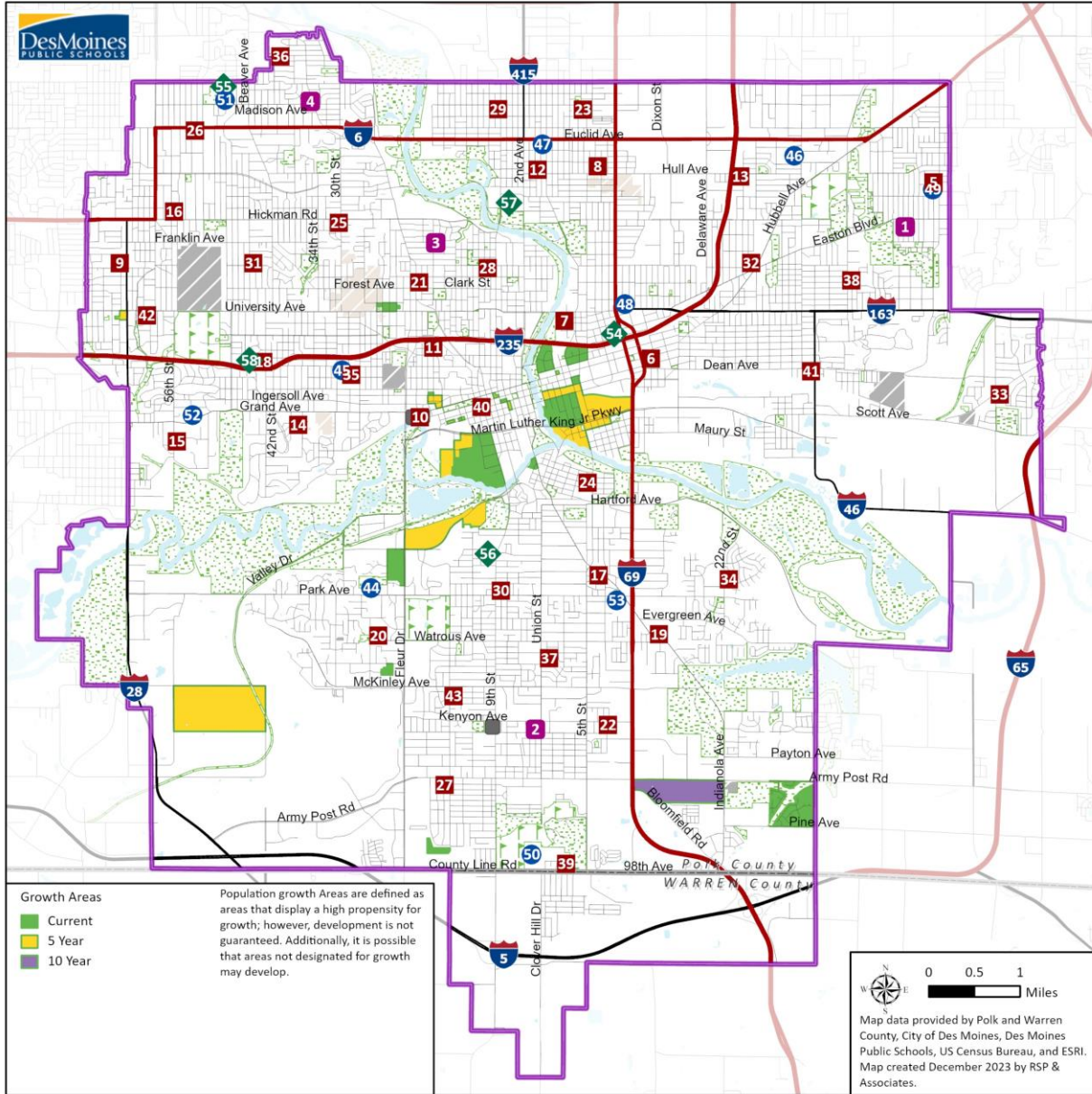
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MAIN TAKEAWAY:

Purple Line: School District Boundary

Green: Indicates where current development is happening

Yellow: indicates where potential developments in 5-year

Purple: Indicates where potential developments in 10-years

Downtown Growth Potential Map

MAIN TAKEAWAY:

Bar graphs on the map illustrate number of potential units in each time frame.

The taller the bar, the more potential units in that area to be added to the district residential market.

The largest yellow bar references the Market District Development (5-year potential)

Potential Units

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Elementary
- Middle School
- High School
- Alternative
- Colleges
- Park

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4. Woodlawn

Elementary Schools:

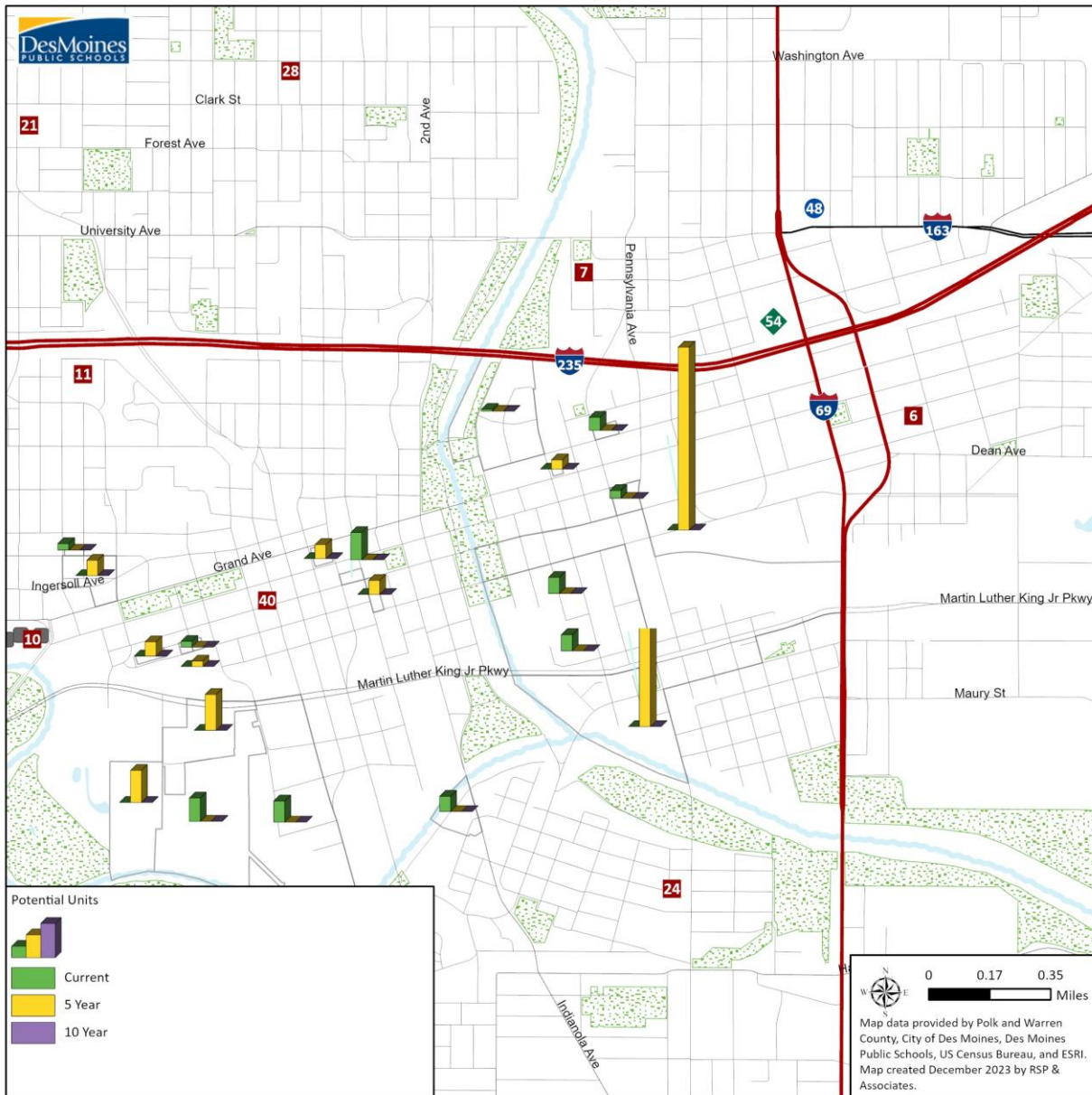
- | | |
|-----------------|--------------------|
| 5. Brubaker | 24. McKinley |
| 6. Capitol View | 25. Monroe |
| 7. Carver | 26. Moore |
| 8. Cattell | 27. Morris |
| 9. Cowles Mont. | 28. Moulton |
| 10. Downtown | 29. Oak Park |
| 11. Edmunds | 30. Park Avenue |
| 12. Findley | 31. Perkins |
| 13. Garton | 32. Phillips |
| 14. Greenwood | 33. Pleasant Hill |
| 15. Hanawalt | 34. River Woods |
| 16. Hillis | 35. Ruby Van Meter |
| 17. Howe | 36. Samuelson |
| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Studebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
| 23. Madison | 42. Windsor |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Development Table

Definition

- Table has been created to illustrate the type and amount of potential development
- The speed in which any developments are built are influenced by who owns the property, access to infrastructure, and economic indicators
- Growth Areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input
 - Green: identifies where development activity is happening
 - Yellow: identifies areas that could develop within 5-years
 - Purple: identifies areas that could develop within 10-years

Main Takeaway

- 2,400 current potential units
- 5,000 5-year potential units
- 160 10-year potential units
- 7,500+ total potential units

Development Potential	Type	Growth Area	Existing Units	Potential Units	3-Year Avg	High School Attendance Area
Bridge District	MF	Current	448	29	48	East High
Tempo	MF	Current	0	110	0	East High
JSC Properties	MU	Current	0	230	0	East High
The Aston	MU	Current	0	186	0	East High
Upper East Village Urban Renewal Area	MU	Current	79	0	0	East High
Alley Landing	MF	Current	0	80	0	Hoover High
Park-Indy Development	MF	Current	0	40	0	Lincoln High
The Oaks/Pinnacle on Fleur	MF	Current	508	23	5	Lincoln High
Union at Rivers Edge	MF	Current	0	216	0	Lincoln High
Habitat for Humanity SW 14th Street	SF	Current	0	26	0	Lincoln High
Stanton Ridge	SF	Current	0	26	0	Lincoln High
Three Lakes Estates	SF	Current	267	146	11	Lincoln High
515 Walnut Property	MF	Current	0	390	0	Roosevelt High
Gray's Landing & River Point West & The Meridian	MF	Current	718	301	58	Roosevelt High
Gray's Station (East)	MF	Current	362	332	6	Roosevelt High
High Street Lofts	MF	Current	1	91	0	Roosevelt High
Merge Dogtown	MF	Current	160	140	0	Roosevelt High
The Deco	MF	Current	0	81	0	Roosevelt High
Market District Development	MU	5 Year	597	2,600	0	East High
Nelson Development	MU	5 Year	0	132	0	East High
South of Gray's Lake Development	MU	5 Year	0	250	0	Lincoln High
South Farm	SF	5 Year	1	130	0	Lincoln High
Gray's Station (West)	MF	5 Year	0	457	0	Roosevelt High
Stadium District Future Multi-Family/Retail	MF	5 Year	0	509	0	Roosevelt High
The Fifth	MF	5 Year	0	200	0	Roosevelt High
The Windsor	MF	5 Year	0	101	0	Roosevelt High
Two Ruan Center	MF	5 Year	0	200	0	Roosevelt High
Western Gateway District	MF	5 Year	105	218	0	Roosevelt High
13th & Mulberry	MU	5 Year	0	78	0	Roosevelt High
Falcon Apartments	MU	5 Year	0	202	0	Roosevelt High
East Army Post Road Urban Renewal Plan	SF	10 Year	13	160	0	Lincoln High
Current Total			2,543	2,447		
5 Year Total			703	5,077		
10 Year Total			13	160		
All Total			3,259	7,684		

Source: Polk County & City of Des Moines

Regional Project Scope: *Economic Drivers*

HyVee Distribution

- Location: City of Cumming, IA - Hwy 35 and Veterans Pkwy; Norwalk School District
- Plan: To build new 635,000 sq ft distribution center, with a convenience store/coffee shop. The new facility can employ 275 people and estimates moving 120 trucks per day.
- Timeline: Complete in 2-3 years (building out ASAP)

Source: <https://www.desmoinesregister.com/story/news/2021/08/24/hyvee-distribution-center-planned-cumming-warren-county-opposition/8247569002/>



Wells Fargo Relocation

- Location: moving from Downtown office (800 Walnut St. and 206 8th St.) to West Des Moines campus (800 S. Jordan Creek Parkway)
- Plan: To expand the industry under one campus – the Jordan Creek campus can accommodate 12,000 employees. The company plans to cut other costs by selling the buildings they are leaving.
- Timeline: Unknown – still in negotiations

Source: <https://www.desmoinesregister.com/story/money/business/2023/01/27/most-wells-fargo-employees-downtown-des-moines-to-move-wdm/69849326007/>



Des Moines Soccer Stadium

- Location: south of MLK Jr Parkway
- Plan: To build a new franchise in Championship League – 2nd tier to MLS. New stadium will have plaza, music venues, hotels, shops, restaurants, apartments.
- Timeline: Still in design/funding stages; plan to acquire logistics by end of 2023

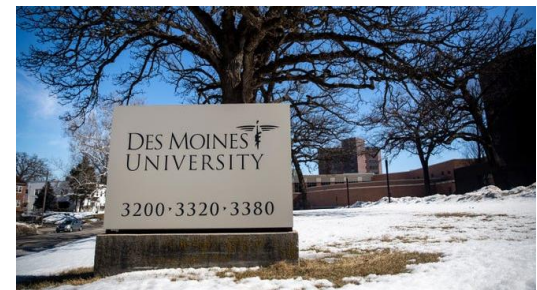
Source: <https://www.desmoinesregister.com/story/money/business/development/2023/02/17/downtown-des-moines-usl-soccer-stadium-design-almost-done-site-ready/69911414007/>



Des Moines University Relocation

- Location: 90 acres at the intersection of West Grand Avenue and Jordan Creek Parkway
- Plan: DMU plans to relocate their west-side of campus to City of West Des Moines for more opportunity of growth.
- Timeline: Plans to close sale on land by May 2023

Source: <https://www.desmoinesregister.com/story/news/2019/03/11/des-moines-university-college-medical-school-move-west-des-moines/3130521002/>



Recent Projects in Greater Des Moines

Agriculture Innovation:

- LANDUS
- POWERPOLLEN

Data Centers:

- APPLE
- LIGHTEDGE SOLUTIONS, INC.
- META
- MICROSOFT

Financial Services:

- FEDERAL HOME LOAN BANK OF DES MOINES
- IOWA BANKERS ASSOCIATION

Information Solutions:

- JOHN DEERE INTELLIGENT SOLUTIONS GROUP

Insurance:

- ACCORDIA LIFE & ANNUITY
- CLAIMDOC, LLC
- F & G ANNUITIES & LIFE
- LIFE & ANNUITY COMPANY
- SAMMONS FINANCIAL GROUP

Logistics:

- AMAZON
- DES MOINES INDUSTRIAL
- HYVEE
- TORO
- WORLDWIDE LOGISTICS

Manufacturing:

- ANDERSON WINDOWS
- COLLINS AEROSPACE
- DEE ZEE INC.
- HELENA INDUSTRIES
- KREG ENTERPRISES, INC.
- LELY NORTH AMERICA
- MRS. CLARK'S FOODS
- PREMIER TECH
- THE PRINTER INC
- THE WALDINGER CORP
- UNDERGROUND MAGNETICS
- VERMEER CORPORATION
- WALDINGER CORP.
- i2-TECH

Retail Headquarters:

- CASEY'S GENERAL STORES, INC
- KUM & GO
- WEITZ COMPANY



Regional Project Scope: *Housing & Development*

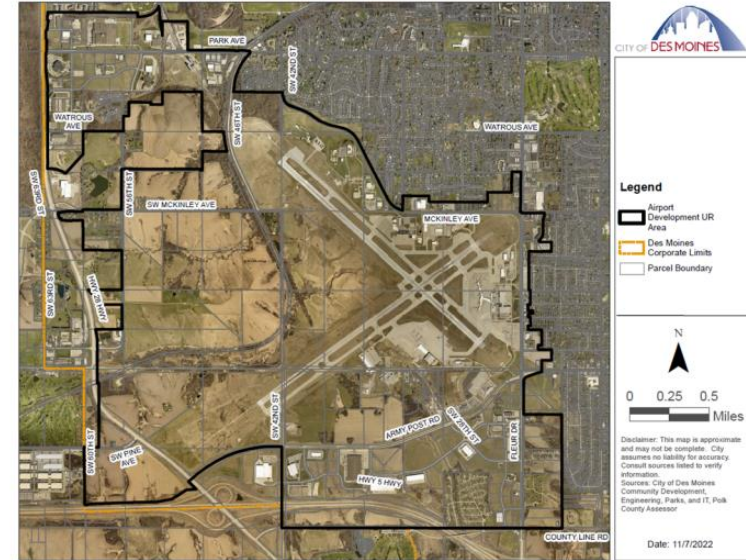
Housing Interest

- Pleasant Hill Neighborhoods
- Northeast residential neighborhood
- Affordable Housing:
 - *Spire Management: 33 SF houses; Units available to housing at or below 40% of the area median income*
 - *Johnston Crossing II: 50 MF units; Units will be designated to people with annual incomes that are at or below 60% of the area median income*
 - *Grand Tree Apartments: 93 MF unit; Ten of the units will be designated for people with annual incomes that are at or below 30% of the area median income*
 - *Redevelopment of former Plaza Lanes Bowling alley to 40 affordable housing units*

Redevelopment Plans

- Airport Development Urban Renewal
 - *Approximately 4,400 acres including commercial portions to the east of Fleur Drive and commercial portions north of Park Avenue*
- Upper East Village Urban Renewal Plan
 - *Approximately 22 acres located south of I-235*

Map 1: Boundary of Airport Development Urban Renewal



Map 2: Boundary of Upper East Village Urban Renewal



Regional Project Scope: *Education Drivers*

Student First Act (signed January 24, 2023):

- State education funding available for K-12 students who choose to attend private schools
- Provides public schools with additional categorical funding for students who live in their district but attend private schools
- Allows public school districts to use unspent money from some categorical funds to supplement teacher salaries
- Phasing Plan:
 - **2023/24:** All kindergarten students, all public-school students, and current private school students with a household income at or below 300% FPL
 - **2024/25:** All kindergarten students, all public-school students, current private school students with a household income at or below 400% FPL;
 - **2025/26:** All K-12 students in Iowa regardless of income

Horizon Science Academy Charter School

- Opening in fall 2023/24
- Newly-approved charter school will initially serve K-3rd graders, gradually adding more grades in the coming years.
- Location in the former Franklin Junior High building



<https://governor.iowa.gov/vision-iowa/supporting-every-students-success-school#:~:text=On%20January%2024%2C%202023%2C%20Governor,choose%20to%20attend%20private%20schools.>



<https://www.hsadesmoines.org/>

Development Observation and Conclusion

Over 7,500 units identified for potential development within the next 10+ years

Building activity increased from 2010 to 2019; there were 442 units built in 2023

- Downtown redevelopment plans and other TIF projects have the ability to spike more development in the district
- Monitor local factors that may affect development timing and economic outlook to gauge how the new decade of residential growth will play out

Single-family residential has a higher propensity to have school aged students than multi-family

- Single-family units are being developed at a lower rate than multi-family – 2023 saw 23 SF units built and 419 MF units built
- Tracking the types of development is important to understand the yield rate of students for every part of the community – there are varying yield rates with all developments

Growth areas are mostly located north in downtown Des Moines – this area has the largest potential for future development in 5-10 years

- There are many regional projects that will have an influence on Greater Des Moines area. Some of the projects are located within the Des Moines Public Schools district while others reside out of the district boundary

Residential development will continue if the housing product is affordable and have active residential projects – infrastructure connectivity also plays a role in the desirability and timing of residential development. Potential for a slight decrease in unit production with a national election year (2024).

As of February 2022, construction costs have increased over 100% from August 2020 and supply chain challenges impact the potential of new development and where new developments will occur in the district

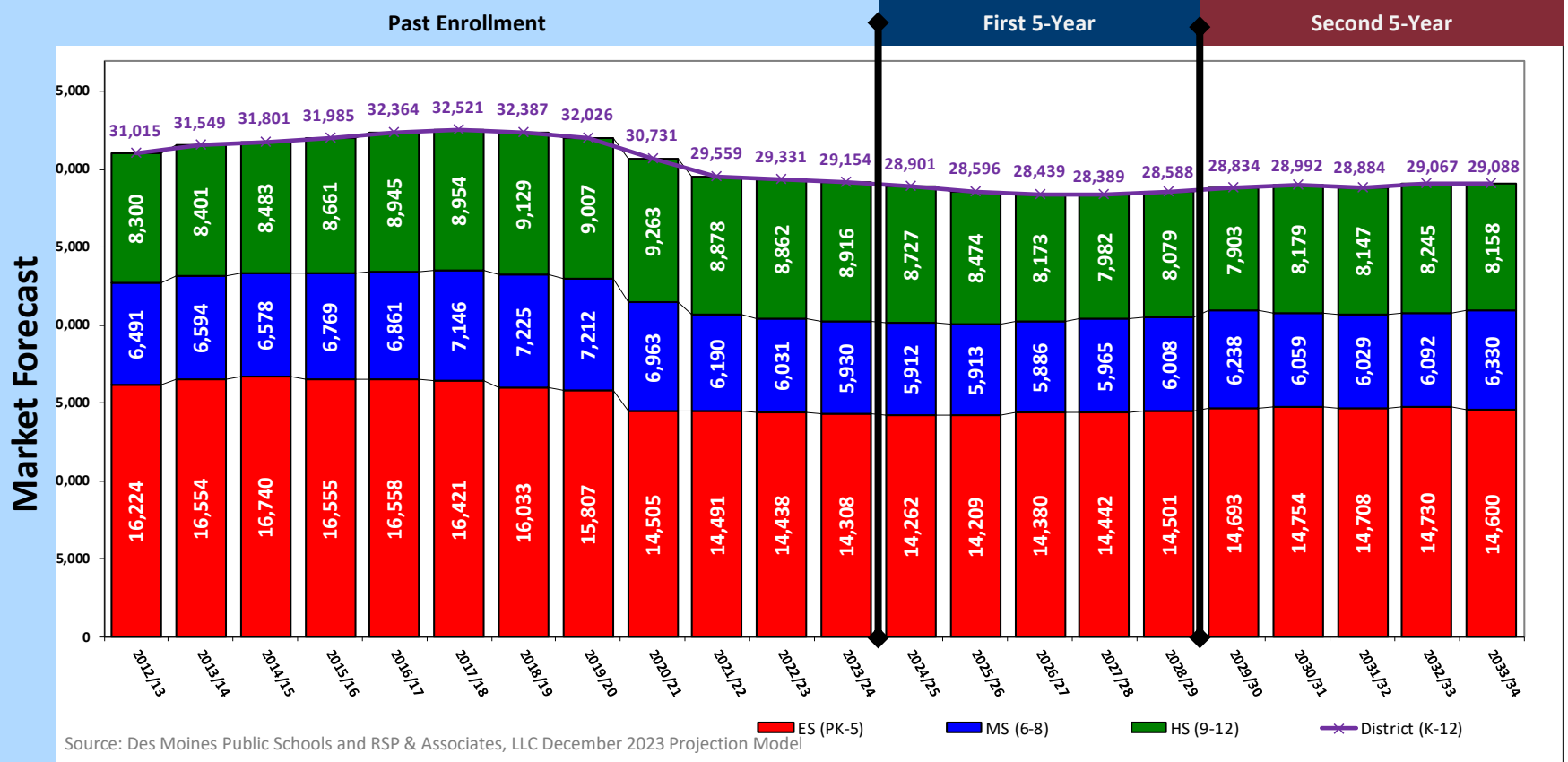


PART 4 PROJECTIONS

Past, Current, & Future Enrollment
Building Projections

Past, Current, & Future Enrollment

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students



First 5-Year Outlook (2024/25 to 2028/29)	Second 5-Year Outlook (2028/29 to 2033/34)
Total enrollment forecasted to decrease by over 560 students	Total enrollment forecasted to increase by an additional 500 students
PK-5 enrollment forecasted to increase by almost 200 students	PK-5 enrollment forecasted to increase by an additional 100 students
6-8 enrollment forecasted to increase by about 80 students	6-8 enrollment forecasted to increase by an additional 320 students
9-12 enrollment forecasted to decrease by over 830 students	9-12 enrollment forecasted to increase by an additional 80 students

Projection Notes & Clarifications

Past Enrollment and Projections are shown three ways:

1. Reside (Based on where a student Resides in relation to the district boundary)
2. Attend (Based on both a student residing in the district and attending and students not residing in the district attending)
3. Reside/Attend (Subset of Reside to know how many of the Reside attend the school based on the attendance area they are assigned to)

Projected Enrollment and Projections are shown two ways:

1. Reside (Based on where a student Resides in relation to the district boundary)
2. Attend (Based on both a student residing in the district and attending and students not residing in the district attending)

Capacity

- Provided by district administration and is the Instructional Capacity (IC) to ensure the appropriate space is available for the various student programming need
- Light orange shading is where the enrollment is more than 100% of the building capacity
- Light green shading is where the enrollment is less than 70% of the building capacity
- Capacity should be annually examined to ensure appropriate education space is available

Other Items:

- Enrollment Grade Configuration in Student Forecast Model (PK-5, 6-8, 9-12)
- Open enrollment trends are assumed to follow District policy and follow similar trends as the last few years
- Projection accuracy is limited by the number of years of student data which matches the State enrollment
- Out of District trends are assumed to follow District policy and will continue like those trends during the projection
- Housing challenges that may result in a slowdown in new housing starts and challenges with the economy as it adapts to a “New Normal” of supply challenges, cost increases, and other housing policy changes
- Projection results are focused on students in the brick-and-mortar setting to help district administration make decisions on staffing, facility, and other classroom setting decisions.
 - Home Instruction, Orchard Place, Preschool Partner Schools, Ruby Van Meter School, and Virtual Campus Students are not included in the enrollment totals
- Pre-school enrollment is included in projections. Enrollment is not legally required and is often split between multiple public and private entities in communities. It is a challenge to project accurately and to acquire certified PK student data.

Elementary Projections By Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
McKee PK	336	Reside/Attend	22	30	17	22					
		Reside	22	30	17	22	235	242	252	253	255
		Attend	224	251	257	217	235	242	252	253	255
Mitchell PK	288	Reside/Attend	5	13	12	7					
		Reside	5	13	12	7	302	315	333	337	343
		Attend	270	354	365	305	302	315	333	337	343
Jesse Franklin Taylor PK	408	Reside/Attend	8	6	7	4					
		Reside	8	6	7	4	178	161	168	170	174
		Attend	150	181	176	161	178	161	168	170	174
Woodlawn Preschool PK	456	Reside/Attend	14	25	23	17					
		Reside	14	25	23	17	187	189	177	187	184
		Attend	201	236	230	170	187	189	177	187	184
Brubaker Elementary K to 5th Feeder: East HS and North HS	960	Reside/Attend	559	571	541	552					
		Reside	686	700	703	691	647	632	629	616	620
		Attend	643	652	622	618	635	620	617	604	608
Capitol View Elementary PK to 5th Feeder: East HS	912	Reside/Attend	390	383	387	400					
		Reside	542	543	542	531	524	513	521	514	503
		Attend	498	510	505	545	549	514	522	515	504
Carver Elementary PK-5 (PK added in 2023/24) Feeder: East HS	720	Reside/Attend	298	303	284	255					
		Reside	438	426	393	369	366	381	406	439	473
		Attend	452	437	422	418	396	425	450	483	517
Cattell Elementary K to 5th Feeder: North HS	504	Reside/Attend	330	299	253	249					
		Reside	434	402	362	373	339	320	314	305	300
		Attend	393	367	322	308	299	295	289	280	275
Cowles Montessori School PK to 5th Feeder: Roosevelt HS	300	Reside/Attend	88	81	74	67					
		Reside	111	102	99	91	117	116	121	121	129
		Attend	257	254	260	266	275	257	262	262	270
Downtown Elementary K to 5th Feeder: Roosevelt HS	168	Reside/Attend	29	26	22	26					
		Reside	36	29	25	29	26	19	26	47	76
		Attend	241	240	243	235	224	226	233	254	283
Edmunds Elementary K to 5th Feeder: Roosevelt HS	696	Reside/Attend	242	216	214	236					
		Reside	350	338	345	385	359	355	358	361	335
		Attend	297	260	268	286	284	294	297	300	274

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

- Over 100% School Capacity
- Under 70% School Capacity

Elementary Projections by Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Findley Elementary	384	Reside/Attend	240	251	244	229					
K to 5th		Reside	333	346	312	298	269	272	265	271	276
Feeder: North HS		Attend	306	311	304	284	276	276	269	275	280
Garton Elementary	720	Reside/Attend	427	422	410	379					
K to 5th		Reside	637	618	620	599	548	551	555	565	565
Feeder: East HS and North HS		Attend	497	474	455	429	437	441	445	455	455
Greenwood Elementary	528	Reside/Attend	157	166	195	211					
K to 5th		Reside	259	254	292	280	265	261	275	273	258
Feeder: Roosevelt HS		Attend	212	220	272	307	259	250	264	262	247
Hanawalt Elementary	480	Reside/Attend	275	287	271	253					
K to 5th		Reside	324	335	316	300	267	255	245	239	238
Feeder: Roosevelt HS		Attend	340	354	333	317	302	282	272	266	265
Hillis Elementary	576	Reside/Attend	267	245	258	234					
K to 5th		Reside	360	338	355	318	300	313	307	312	309
Feeder: Hoover HS and Roosevelt HS		Attend	313	292	305	291	279	293	287	292	289
Howe Elementary	336	Reside/Attend	215	251	237	247					
K to 5th		Reside	329	383	351	353	317	326	317	308	304
Feeder: Lincoln HS		Attend	270	305	296	303	298	294	285	276	272
Hubbell Elementary	480	Reside/Attend	331	343	334	296					
K to 5th		Reside	416	418	411	374	336	340	341	335	344
Feeder: Roosevelt HS		Attend	420	415	407	383	368	363	364	358	367
Jackson Elementary	552	Reside/Attend	329	338	360	400					
PK-5 (PK added in 2023/24)		Reside	503	503	518	536	539	536	534	525	526
Feeder: East HS and Lincoln HS		Attend	387	386	406	495	494	458	456	447	448
Jefferson Elementary	456	Reside/Attend	189	172	166	155					
K to 5th		Reside	224	219	220	195	193	203	207	216	228
Feeder: Lincoln HS		Attend	371	338	338	306	299	324	328	337	349
King Elementary	504	Reside/Attend	185	188	176	179					
K to 5th		Reside	289	322	293	290	280	267	273	276	268
Feeder: Hoover HS and Roosevelt HS		Attend	265	264	267	273	277	272	278	281	273
Lovejoy Elementary	480	Reside/Attend	312	326	296	338					
K to 5th		Reside	492	480	461	524	480	470	462	445	422
Feeder: Lincoln HS		Attend	378	403	365	412	409	409	401	384	361

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

- Over 100% School Capacity
- Under 70% School Capacity

Elementary Projections by Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Madison Elementary K to 5th Feeder: North HS	456	Reside/Attend	223	195	202	211					
		Reside	297	264	272	258	249	237	251	250	249
		Attend	255	239	243	247	245	230	244	243	242
McKinley Elementary PK to 5th Feeder: East HS and Lincoln HS	432	Reside/Attend	188	209	212	192					
		Reside	256	272	270	246	231	238	249	254	263
		Attend	264	269	285	269	267	264	275	280	289
Monroe Elementary K to 5th Feeder: Hoover HS	600	Reside/Attend	371	374	363	331					
		Reside	563	555	535	518	476	474	486	489	501
		Attend	445	433	423	377	368	389	401	404	416
Moore Elementary K to 5th Feeder: Hoover HS	408	Reside/Attend	249	247	241	250					
		Reside	344	344	331	349	322	313	299	296	296
		Attend	334	308	296	298	298	297	283	280	280
Morris Elementary K to 5th Feeder: Lincoln HS	744	Reside/Attend	370	359	356	404					
		Reside	492	483	503	552	524	526	535	513	476
		Attend	472	448	444	498	518	520	529	507	470
Moulton Elementary PK to 5th Feeder: North HS	768	Reside/Attend	379	350	332	351					
		Reside	526	471	478	495	467	477	479	476	481
		Attend	481	441	420	450	462	457	459	456	461
Oak Park Elementary K to 5th Feeder: North HS	336	Reside/Attend	264	247	263	257					
		Reside	398	374	400	393	340	323	330	341	348
		Attend	325	309	313	309	307	276	283	294	301
Park Avenue Elementary K to 5th Feeder: Lincoln HS	552	Reside/Attend	315	328	321	336					
		Reside	537	570	547	564	514	520	532	524	517
		Attend	382	390	378	408	403	405	417	409	402
Perkins Elementary K to 5th Feeder: Hoover HS and Roosevelt HS	456	Reside/Attend	325	320	363	368					
		Reside	430	425	474	503	466	459	463	464	455
		Attend	395	386	438	444	437	437	441	442	433
Phillips Elementary K to 5th Feeder: East HS and North HS	552	Reside/Attend	153	126	130	125					
		Reside	213	179	182	177	157	147	151	157	158
		Attend	293	263	258	254	246	240	244	250	251
Pleasant Hill Elementary K to 5th Feeder: East HS	288	Reside/Attend	140	152	149	154					
		Reside	162	174	173	174	162	173	169	169	163
		Attend	205	215	213	211	208	224	220	220	214

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

- Over 100% School Capacity
- Under 70% School Capacity

Elementary Projections by Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
River Woods Elementary K to 5th Feeder: East HS	672	Reside/Attend Reside Attend	418 534 498	427 560 518	414 544 496	417 560 505	499 503	496 497	496 497	498 499	508 509
Samuelson Elementary K to 5th Feeder: Hoover HS	528	Reside/Attend Reside Attend	356 461 433	359 480 418	346 447 411	331 435 384	387 381	376 374	382 380	393 391	409 407
South Union Elementary K to 5th Feeder: Lincoln HS	696	Reside/Attend Reside Attend	320 508 439	320 518 445	324 539 442	320 488 424	460 413	456 420	481 445	478 442	484 448
Stowe Elementary K to 5th Feeder: East HS	456	Reside/Attend Reside Attend	246 413 298	252 427 307	260 436 313	263 412 311	371 309	372 296	386 310	379 303	378 302
Studebaker Elementary K to 5th Feeder: Lincoln HS	600	Reside/Attend Reside Attend	439 563 522	462 589 522	453 595 523	480 631 553	607 571	617 589	632 604	632 604	629 601
Walnut Street Elementary PK to 5th Feeder: Roosevelt HS	816	Reside/Attend Reside Attend	56 73 245	73 90 268	73 89 269	64 77 244	132 281	161 305	192 336	224 368	260 404
Willard Elementary K to 5th Feeder: East HS	624	Reside/Attend Reside Attend	216 309 294	195 293 262	212 330 286	216 322 282	290 279	286 277	282 273	284 275	288 279
Windsor Elementary K to 5th Feeder: Roosevelt HS	432	Reside/Attend Reside Attend	199 299 284	204 292 285	219 315 296	199 297 267	298 264	292 288	274 270	279 275	275 271
Wright Elementary K to 5th Feeder: Lincoln HS	312	Reside/Attend Reside Attend	191 315 256	195 301 261	201 301 273	175 271 244	236 240	229 224	225 220	227 222	233 228

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

	Over 100% School Capacity
	Under 70% School Capacity

Middle School Projections by Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Brody Middle 6th to 8th Feeder: Lincoln HS	904	Reside/Attend	538	478	486	479					
		Reside	643	568	562	579	581	553	528	538	563
		Attend	686	603	603	598	594	580	555	565	590
Callanan Middle 6th to 8th Feeder: Roosevelt HS	857	Reside/Attend	449	421	386	418					
		Reside	592	548	522	561	550	582	549	592	640
		Attend	598	531	507	543	530	565	532	575	623
Cowles Montessori School 6th to 8th Feeder: Roosevelt HS	132	Reside/Attend	30	24	29	24					
		Reside	30	24	29	24	37	33	32	30	29
		Attend	101	88	93	96	115	100	99	97	96
Goodrell Middle 6th to 8th Feeder: East HS and North HS	928	Reside/Attend	424	400	407	376					
		Reside	530	497	499	476	477	470	468	466	433
		Attend	564	512	523	493	497	489	487	485	452
Harding Middle 6th to 8th Feeder: North HS	952	Reside/Attend	715	604	592	540					
		Reside	870	733	728	675	673	667	664	649	622
		Attend	810	677	655	633	650	610	607	592	565
Hiatt Middle 6th to 8th Feeder: East HS	928	Reside/Attend	522	493	436	366					
		Reside	654	610	560	498	465	475	467	483	507
		Attend	607	558	528	466	433	436	428	444	468
Hoyt Middle 6th to 8th Feeder: East HS	1,023	Reside/Attend	541	431	400	398					
		Reside	625	498	468	460	452	432	444	454	463
		Attend	618	508	486	486	462	455	467	477	486
McCombs Middle 6th to 8th Feeder: Lincoln HS	952	Reside/Attend	666	619	591	566					
		Reside	792	722	697	686	679	696	692	740	764
		Attend	747	684	654	644	647	655	651	699	723
Meredith Middle 6th to 8th Feeder: Hoover HS	857	Reside/Attend	631	591	588	579					
		Reside	774	710	703	702	703	701	745	741	720
		Attend	739	675	664	652	653	660	704	700	679
Merrill Middle 6th to 8th Feeder: Roosevelt HS	881	Reside/Attend	586	509	488	498					
		Reside	640	552	534	552	558	576	569	553	540
		Attend	750	669	634	651	650	681	674	658	645
Weeks Middle 6th to 8th Feeder: East HS and Lincoln HS	1,142	Reside/Attend	650	614	608	574					
		Reside	813	728	729	717	737	728	728	719	727
		Attend	743	685	684	668	681	682	682	673	681

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

	Over 100% School Capacity
	Under 70% School Capacity

High School Projections by Building

Des Moines School District Enrollment Projections By School (Based on Student Reside)

School	District Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
East High 9th to 12th	2,570	Reside/Attend	1,903	1,798	1,775	1,742					
		Reside	2,287	2,215	2,220	2,234	2,168	2,063	1,971	1,889	1,886
		Attend	2,201	2,076	2,040	2,013	1,914	1,858	1,766	1,684	1,681
Hoover High 9th to 12th	1,428	Reside/Attend	884	784	820	761					
		Reside	1,120	1,024	1,049	994	970	988	920	925	950
		Attend	1,059	956	989	920	871	921	853	858	883
Lincoln High 9th to 12th	2,047	Reside/Attend	2,211	2,133	2,157	2,163					
		Reside	2,425	2,338	2,340	2,386	2,361	2,282	2,248	2,222	2,243
		Attend	2,423	2,359	2,400	2,439	2,437	2,327	2,293	2,267	2,288
North High 9th to 12th	1,333	Reside/Attend	1,269	1,204	1,216	1,226					
		Reside	1,666	1,565	1,560	1,591	1,525	1,516	1,419	1,382	1,405
		Attend	1,495	1,427	1,452	1,511	1,450	1,432	1,335	1,298	1,321
Roosevelt High 9th to 12th	1,714	Reside/Attend	1,634	1,624	1,576	1,597					
		Reside	1,765	1,736	1,693	1,711	1,703	1,625	1,615	1,564	1,595
		Attend	2,085	2,060	1,981	2,033	2,055	1,936	1,926	1,875	1,906
ELEMENTARY SCHOOL TOTAL PK to 5th	21,972	Reside/Attend	10,330	10,336	10,215	10,200					
		Reside	14,505	14,491	14,438	14,308	14,262	14,209	14,380	14,442	14,501
		Attend	14,505	14,491	14,438	14,308	14,262	14,209	14,380	14,442	14,501
MIDDLE SCHOOL TOTAL 6th to 8th	9,556	Reside/Attend	5,752	5,184	5,011	4,818					
		Reside	6,963	6,190	6,031	5,930	5,912	5,913	5,886	5,965	6,008
		Attend	6,963	6,190	6,031	5,930	5,912	5,913	5,886	5,965	6,008
HIGH SCHOOL TOTAL 9th to 12th	9,092	Reside/Attend	7,901	7,543	7,544	7,489					
		Reside	9,263	8,878	8,862	8,916	8,727	8,474	8,173	7,982	8,079
		Attend	9,263	8,878	8,862	8,916	8,727	8,474	8,173	7,982	8,079
DISTRICT TOTALS PK to 12th	40,620	Reside/Attend	23,983	23,063	22,770	22,507					
		Reside	30,731	29,559	29,331	29,154	28,901	28,596	28,439	28,389	28,588
		Attend	30,731	29,559	29,331	29,154	28,901	28,596	28,439	28,389	28,588

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

School Utilization Legend

- Over 100% School Capacity
- Under 70% School Capacity

2023/24 By ES Building By Grade (Reside)

2024/25 School Year

School	District Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
McKee	336	235														235
Mitchell	288	302														302
Jesse Franklin Taylor	408	178														178
Woodlawn Preschool	456	187														187
Brubaker Elementary	960		106	110	96	115	102	118								647
Capitol View Elementary	912	38	81	80	91	84	67	83								524
Carver Elementary	720	52	59	46	57	61	42	49								366
Cattell Elementary	504		58	49	54	59	53	66								339
Cowles Montessori School	300	45	13	11	12	12	12	12								117
Downtown Elementary	168		2	3	3	5	4	9								26
Edmunds Elementary	696		57	70	76	44	52	60								359
Findley Elementary	384		48	41	45	41	51	43								269
Garton Elementary	720		88	74	103	93	95	95								548
Greenwood Elementary	528		48	40	52	50	32	43								265
Hanawalt Elementary	480		45	32	48	52	44	46								267
Hillis Elementary	576		51	47	54	48	58	42								300
Howe Elementary	336		50	52	56	62	58	39								317
Hubbell Elementary	480		58	53	52	64	58	51								336
Jackson Elementary	552	66	72	73	78	88	79	83								539
Jefferson Elementary	456		39	31	35	27	35	26								193
King Elementary	504		46	45	55	42	37	55								280
Lovejoy Elementary	480		75	81	80	80	78	86								480
Madison Elementary	456		45	49	39	43	26	47								249
McKinley Elementary	432	16	43	32	38	42	33	27								231
Monroe Elementary	600		88	73	78	85	73	79								476
Moore Elementary	408		49	55	49	50	61	58								322

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

2023/24 ES By Building By Grade (Reside)

2024/25 School Year

School	District Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Morris Elementary	744		77	103	107	94	66	77							524	
Moulton Elementary	768	16	77	74	76	82	71	71							467	
Oak Park Elementary	336		56	55	56	53	50	70							340	
Park Avenue Elementary	552		90	84	94	93	75	78							514	
Perkins Elementary	456		69	67	89	72	75	94							466	
Phillips Elementary	552		22	17	31	29	21	37							157	
Pleasant Hill Elementary	288		28	28	31	26	30	19							162	
River Woods Elementary	672		93	84	79	81	80	82							499	
Samuelson Elementary	528		69	58	60	58	64	78							387	
South Union Elementary	696		89	77	78	81	55	80							460	
Stowe Elementary	456		71	71	60	64	43	62							371	
Studebaker Elementary	600		97	108	107	104	92	99							607	
Walnut Street Elementary	816	40	21	12	19	14	14	12							132	
Willard Elementary	624		45	45	52	52	50	46							290	
Windsor Elementary	432		47	47	47	42	65	50							298	
Wright Elementary	312		42	33	37	41	40	43							236	
DISTRICT TOTALS	40,620	1,175	2,214	2,110	2,274	2,233	2,041	2,215							28,901	

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

2023/24 MS and HS By Building By Grade (Reside)

2024/25 School Year

School	District Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Brody Middle	904								186	193	202					581
Callanan Middle	857								172	203	175					550
Cowles Montessori School	132								13	12	12					37
Goodrell Middle	928								170	135	172					477
Harding Middle	952								239	192	242					673
Hiatt Middle	928								155	151	159					465
Hoyt Middle	1,023								148	149	155					452
McCombs Middle	952								234	221	224					679
Meredith Middle	857								242	205	256					703
Merrill Middle	881								186	208	164					558
Weeks Middle	1,142								273	234	230					737
DISTRICT TOTALS	40,620								2,018	1,903	1,991					28,901

2024/25 School Year

School	District Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
East High	2,570											475	555	524	614	2,168
Hoover High	1,428											234	226	260	250	970
Lincoln High	2,047											542	559	579	681	2,361
North High	1,333											351	366	375	433	1,525
Roosevelt High	1,714											380	416	415	492	1,703
Home Instruction	0															0
Orchard Place	0															0
Preschool Partner Schools	0															0
Ruby Van Meter School	0															0
Virtual Campus	0															0
DISTRICT TOTALS	40,620											1,982	2,122	2,153	2,470	28,901

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

2023/24 By ES Building By Grade (Attend)

2024/25 School Year

School	District Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
McKee	336	235														235
Mitchell	288	302														302
Jesse Franklin Taylor	408	178														178
Woodlawn Preschool	456	187														187
Brubaker Elementary	960		103	107	89	121	96	119								635
Capitol View Elementary	912	38	86	85	95	82	82	81								549
Carver Elementary	720	52	58	45	62	62	54	63								396
Cattell Elementary	504		49	40	51	54	44	61								299
Cowles Montessori School	300	45	43	41	38	38	36	34								275
Downtown Elementary	168		29	30	40	44	36	45								224
Edmunds Elementary	696		46	59	52	37	44	46								284
Findley Elementary	384		53	46	44	38	48	47								276
Garton Elementary	720		73	59	83	74	66	82								437
Greenwood Elementary	528		50	42	46	45	31	45								259
Hanawalt Elementary	480		54	41	53	53	48	53								302
Hillis Elementary	576		39	35	55	50	60	40								279
Howe Elementary	336		48	50	47	59	54	40								298
Hubbell Elementary	480		63	58	59	62	62	64								368
Jackson Elementary	552	66	71	72	70	71	73	71								494
Jefferson Elementary	456		49	41	54	52	52	51								299
King Elementary	504		44	43	57	45	35	53								277
Lovejoy Elementary	480		69	75	67	70	70	58								409
Madison Elementary	456		43	47	39	43	31	42								245
McKinley Elementary	432	16	47	36	42	49	41	36								267
Monroe Elementary	600		67	52	62	69	58	60								368
Moore Elementary	408		40	46	47	52	51	62								298

2023/24 ES By Building By Grade (Attend)

2024/25 School Year

School	District Capacity	Grade														
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Morris Elementary	744		79	105	98	85	69	82								518
Moulton Elementary	768	16	79	76	67	79	70	75								462
Oak Park Elementary	336		56	55	46	54	39	57								307
Park Avenue Elementary	552		68	62	75	70	56	72								403
Perkins Elementary	456		65	63	88	67	68	86								437
Phillips Elementary	552		41	36	50	47	33	39								246
Pleasant Hill Elementary	288		34	34	43	37	34	26								208
River Woods Elementary	672		93	84	81	78	81	86								503
Samuelson Elementary	528		69	58	64	51	68	71								381
South Union Elementary	696		79	67	77	67	54	69								413
Stowe Elementary	456		60	60	55	56	36	42								309
Studebaker Elementary	600	0	87	98	99	105	91	91								571
Walnut Street Elementary	816	40	51	42	43	43	32	30								281
Willard Elementary	624		43	43	56	44	42	51								279
Windsor Elementary	432		40	40	40	34	65	45								264
Wright Elementary	312		46	37	40	46	31	40								240
DISTRICT TOTALS	40,620	1,175	2,214	2,110	2,274	2,233	2,041	2,215								28,901

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

Long Term Enrollment Trend

Past, Current, and Future Enrollment

Grade	Historical Enrollment												Projected Enrollment											
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34		
PK	1,019	1,141	1,183	1,187	1,128	1,178	1,261	1,287	960	1,157	1,155	1,158	1,175	1,183	1,195	1,209	1,225	1,247	1,291	1,314	1,340	1,364		
K	2,874	2,756	2,627	2,496	2,506	2,516	2,462	2,508	2,190	2,365	2,326	2,135	2,231	2,262	2,283	2,306	2,359	2,299	2,306	2,229	2,247	2,172		
1st	2,695	2,776	2,692	2,562	2,487	2,480	2,423	2,417	2,335	2,169	2,315	2,302	2,120	2,201	2,235	2,257	2,281	2,357	2,267	2,299	2,198	2,269		
2nd	2,534	2,629	2,705	2,654	2,585	2,465	2,442	2,404	2,266	2,277	2,133	2,263	2,282	2,099	2,182	2,218	2,235	2,235	2,310	2,219	2,304	2,151		
3rd	2,488	2,500	2,584	2,660	2,634	2,547	2,402	2,401	2,264	2,190	2,262	2,083	2,244	2,266	2,090	2,176	2,213	2,190	2,190	2,305	2,175	2,258		
4th	2,322	2,477	2,457	2,576	2,661	2,594	2,485	2,340	2,252	2,155	2,139	2,220	2,054	2,199	2,240	2,070	2,154	2,235	2,133	2,188	2,303	2,119		
5th	2,292	2,275	2,492	2,420	2,557	2,641	2,558	2,450	2,238	2,178	2,108	2,147	2,231	2,055	2,205	2,253	2,083	2,130	2,257	2,154	2,163	2,267		
6th	2,175	2,223	2,167	2,371	2,345	2,482	2,491	2,390	2,254	1,980	2,035	1,954	2,042	2,105	1,936	2,086	2,136	2,104	1,950	2,066	2,176	2,161		
7th	2,206	2,154	2,207	2,176	2,345	2,331	2,447	2,448	2,326	2,065	1,941	2,023	1,939	1,981	2,045	1,888	2,031	2,083	2,052	1,913	2,027	2,122		
8th	2,110	2,217	2,204	2,222	2,171	2,333	2,287	2,374	2,383	2,145	2,055	1,953	2,029	1,895	1,948	2,017	1,857	2,051	2,057	2,050	1,889	2,047		
9th	2,092	2,174	2,286	2,264	2,316	2,228	2,356	2,302	2,344	2,240	2,192	2,112	2,031	2,056	1,924	1,994	2,067	1,894	2,077	2,078	2,076	1,908		
10th	2,098	2,071	2,202	2,259	2,313	2,327	2,213	2,291	2,229	2,155	2,262	2,221	2,316	2,052	2,064	1,934	2,009	2,057	1,885	2,055	2,088	2,066		
11th	1,978	1,989	1,994	2,080	2,166	2,230	2,283	2,113	2,212	2,038	2,116	2,220	2,292	2,242	1,996	2,013	1,895	1,946	2,067	1,826	2,063	2,000		
12th	2,132	2,167	2,001	2,058	2,150	2,169	2,277	2,301	2,478	2,445	2,292	2,363	2,638	2,559	2,512	2,195	2,226	2,006	2,150	2,188	2,018	2,184		
Optimal Capacity	21,972	PK-5	16,224	16,554	16,740	16,555	16,558	16,421	16,033	15,807	14,505	14,491	14,438	14,308	14,337	14,265	14,430	14,489	14,550	14,693	14,754	14,708	14,730	14,600
	9,556	6-8	6,491	6,594	6,578	6,769	6,861	7,146	7,225	7,212	6,963	6,190	6,031	5,930	6,010	5,981	5,929	5,991	6,024	6,238	6,059	6,029	6,092	6,330
	9,092	9-12	8,300	8,401	8,483	8,661	8,945	8,954	9,129	9,007	9,263	8,878	8,862	8,916	9,277	8,909	8,496	8,136	8,197	7,903	8,179	8,147	8,245	8,158
	40,620	District	31,015	31,549	31,801	31,985	32,364	32,521	32,387	32,026	30,731	29,559	29,331	29,154	29,624	29,155	28,855	28,616	28,771	28,834	28,992	28,884	29,067	29,088
Sources:	Enrollment Change		534	252	184	379	157	-134	-361	-1,295	-1,172	-228	-177	470	-469	-300	-239	155	63	158	-108	183	21	

- 2012/13 to 2023/24 Des Moines Public Schools
- 2024/25 to 2028/29 RSP & Associates SFM Projections from the 2023/24 Enrollment 5-Year Projections
- 2029/30 to 2033/34 RSP & Associates estimates based on past enrollment change factors

Understanding the Data in the Table:

- ❑ Enrollment is anticipated to increase at elementary and middle school grade levels and decrease at the high school level
- ❑ Kindergarten roundup is a key element to know if future kindergarten projections will be accurate
- ❑ Building permits should be monitored to ensure the amount and type of development will continue to yield students
- ❑ Capacity was provided by Des Moines Public Schools

Source: Des Moines Public Schools and RSP & Associates, LLC December 2023 Projection Model

Note: Enrollment provided by the district – Figures are not Certified Enrollment Count; Does not include Early Childhood, Home School, Private School, or Parochial School

Enrollment Projections by High School Boundary



East High

Year	Capacity				Student Projections by Grade												Projection Totals				
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	5,904	1,951	2,570	10,425	549	524	574	556	503	531	491	442	471	475	555	524	614	3,239	1,404	2,168	6,811
25/26	5,904	1,951	2,570	10,425	563	553	510	574	535	507	484	478	426	479	484	532	568	3,244	1,388	2,062	6,694
26/27	5,904	1,951	2,570	10,425	579	569	538	511	558	540	465	469	466	437	487	466	581	3,294	1,400	1,971	6,664
27/28	5,904	1,951	2,570	10,425	586	584	553	538	498	565	496	454	458	478	441	466	504	3,323	1,407	1,890	6,620
28/29	5,904	1,951	2,570	10,425	602	591	566	552	523	505	520	481	441	470	489	428	499	3,339	1,442	1,886	6,667

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Hoover High

Year	Capacity				Student Projections by Grade												Projection Totals				
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	2,112	857	1,428	4,397	274	250	268	262	276	284	242	205	256	234	226	260	250	1,613	703	970	3,286
25/26	2,112	857	1,428	4,397	275	273	246	263	260	273	264	237	200	256	235	221	276	1,589	702	988	3,279
26/27	2,112	857	1,428	4,397	285	274	267	242	262	256	255	260	230	201	257	230	232	1,587	745	919	3,251
27/28	2,112	857	1,428	4,397	281	283	269	263	240	260	238	251	252	236	200	251	238	1,596	742	925	3,263
28/29	2,112	857	1,428	4,397	285	279	278	264	261	238	243	234	243	258	237	195	260	1,606	721	950	3,278

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Lincoln High

Year	Capacity				Student Projections by Grade												Projection Totals				
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	4,608	2,998	2,047	9,653	620	620	643	650	545	579	551	537	535	542	559	579	681	3,657	1,623	2,361	7,641
25/26	4,608	2,998	2,047	9,653	615	610	621	645	646	534	547	529	528	559	539	553	631	3,670	1,604	2,282	7,557
26/27	4,608	2,998	2,047	9,653	610	603	610	620	644	637	504	531	523	548	556	533	611	3,725	1,557	2,248	7,530
27/28	4,608	2,998	2,047	9,653	608	597	603	611	621	635	603	484	527	544	545	551	582	3,676	1,614	2,222	7,512
28/29	4,608	2,998	2,047	9,653	614	596	598	605	612	613	604	587	475	552	540	541	610	3,637	1,666	2,243	7,546

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Note: Tables illustrate K-12 enrollment; They do not include PK.

Enrollment Projections by High School Boundary



North High

Year	Capacity				Student Projections by Grade													Projection Totals			
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	3,000	1,880	1,333	6,213	382	354	362	391	343	416	363	298	378	351	366	375	433	2,247	1,039	1,526	4,812
25/26	3,000	1,880	1,333	6,213	395	368	344	361	377	348	383	350	295	374	349	356	437	2,194	1,028	1,516	4,738
26/27	3,000	1,880	1,333	6,213	388	380	358	345	350	384	316	369	349	292	371	337	419	2,206	1,034	1,420	4,660
27/28	3,000	1,880	1,333	6,213	413	374	369	358	333	357	354	305	368	349	289	358	386	2,205	1,028	1,381	4,614
28/29	3,000	1,880	1,333	6,213	412	398	364	369	347	341	327	339	305	367	346	280	412	2,231	971	1,405	4,607

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Roosevelt High

Year	Capacity				Student Projections by Grade													Projection Totals			
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	4,860	1,870	1,714	8,444	389	364	428	377	375	407	358	410	339	380	416	415	492	2,338	1,107	1,703	5,149
25/26	4,860	1,870	1,714	8,444	398	388	372	420	374	380	397	354	407	349	384	407	485	2,333	1,157	1,624	5,114
26/27	4,860	1,870	1,714	8,444	403	399	400	366	423	379	377	391	350	419	354	375	467	2,371	1,118	1,615	5,104
27/28	4,860	1,870	1,714	8,444	403	408	414	399	375	434	376	376	391	369	428	349	418	2,434	1,144	1,564	5,141
28/29	4,860	1,870	1,714	8,444	429	406	422	413	406	384	430	374	376	408	377	422	388	2,459	1,180	1,594	5,232

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Total Student Projections

Year	Capacity				Student Projections by Grade													Projection Totals			
	ES	MS	HS	Total	K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	K-12
24/25	20,484	9,556	9,092	39,132	2,214	2,110	2,274	2,233	2,041	2,215	2,018	1,903	1,991	1,982	2,122	2,153	2,470	13,087	5,912	8,727	27,726
25/26	20,484	9,556	9,092	39,132	2,262	2,201	2,099	2,266	2,199	2,055	2,105	1,981	1,895	2,056	2,052	2,242	2,559	13,082	5,981	8,909	27,972
26/27	20,484	9,556	9,092	39,132	2,283	2,235	2,182	2,090	2,240	2,205	1,936	2,045	1,948	1,924	2,064	1,996	2,512	13,235	5,929	8,496	27,660
27/28	20,484	9,556	9,092	39,132	2,306	2,257	2,218	2,176	2,070	2,253	2,086	1,888	2,017	1,994	1,934	2,013	2,195	13,280	5,991	8,136	27,407
28/29	20,484	9,556	9,092	39,132	2,359	2,281	2,235	2,213	2,154	2,083	2,136	2,031	1,857	2,067	2,009	1,895	2,226	13,325	6,024	8,197	27,546

Source: Des Moines Public Schools and RSP& Associates, LLC December 2023 Projection Model

Note: Tables illustrate K-12 enrollment; They do not include PK.

Projection Observations and Conclusion

First 5-Year Projection Overview (2024/25 to 2028/29)

- District is forecasted to decrease by 566 students by 2028/29
- Elementary is forecasted to increase by 193 students by 2028/29
- Middle is forecasted to increase by 78 students by 2028/29
- High is forecasted to decrease by 837 students by 2028/29

Second 5-Year Projection Overview (2029/30 to 2033/34)

- District is forecasted to increase by an additional 500 students by 2033/34
- Elementary is forecasted to increase by an additional 99 students by 2033/34
- Middle is forecasted to increase by an additional 322 students by 2033/34
- High is forecasted to decrease by an additional 79 students by 2033/34

Capacity challenges are expected at the following schools at some point in the next five years:

- Mitchell Preschool
- Downtown Elementary
- Oak Park Elementary
- Perkins Elementary
- Studebaker Elementary
- Lincoln High
- North High
- Roosevelt High



PART 5 NEXT STEPS

Moving Forward
Next Steps & Key Considerations

Key Considerations

The following items will assist the district advance its educational goals:

- Annually review enrollment projections, demographics, and development trends
- District administration and the Board of Education further study the enrollment, demographic, and development information presented
- Utilize the enrollment model to assist with planning for staffing needs at each facility for the following school year which will address how quickly areas are “Regreening” and “Emerging”
- The type of residential development and how affordable it is will determine likely location and number of students
- Annually monitor the impact of future educational programming that will be integrated into each facility to ensure equitable and appropriate space is utilized in the building which will experience enrollment change
- Recent economic indicators have been in-flux (interest rates, housing prices, supply chain). Continued economic changes will impact the likelihood of new people moving into the district and increasing enrollment.
- RSP Enrollment forecasting is based on the best-known information at the time

Key Considerations:

1. Number of live births in Polk County (continue to monitor)... *see page 14*
2. Size of outgoing senior class (larger) compared to the incoming Kindergarten and PK classes (smaller)... *see page 15*
3. Migration trends (In-Migration tends to be more than Out-Migration)... *see page 18-20*
4. Development trends and timing of identified projects (potential next ten years)... *see pages 46-48*

Conclusion

RSP Recommended to continually monitor the following indicators:

Enrollment may decrease more than forecasted if...	Enrollment may increase more than forecasted if...
⊖ Decreasing share of live births	⊕ Increasing share of live births
⊖ Current housing stock does not re-green (continues to age)	⊕ Current housing stock re-greens (turns over)
⊖ Housing development experiences minimal potential growth	⊕ Housing development experience more potential growth
⊖ Economic indicators challenge the ability for new homeowners and affordability aspects of the district	⊕ Economic indicators improve the ability for new homeowners and the affordability aspects of the district
⊖ Demographic shifts in community and/or surrounding communities	⊕ Demographic shifts in community and/or surrounding communities
⊖ Incoming Kindergarten class smaller than outgoing senior class	⊕ Incoming Kindergarten class larger than outgoing senior class

See graphic below to illustrate how the different variables may impact forecasted enrollment outlook:

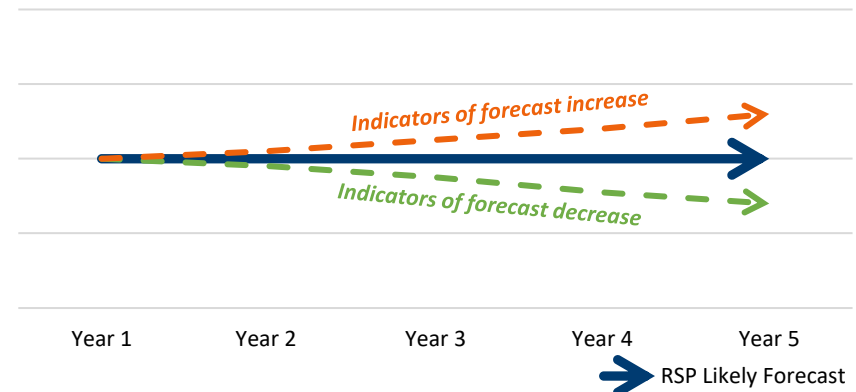
Main Takeaway:

These factors are not all positive or negative. Each have a different impact on future outlooks.

State education policy change may impact enrollment outlook. This analysis assumes policies will continue as they currently operate throughout the projection time frame.

It is important to continue to monitor these factors – RSP modeling attempts to find the most likely outcome:

Example of Forecast Evolution



Next Steps: Facility Master Plan

Committee

- Participate Facility Master Plan items/discussion
- Create recommended plan for Board of Education to adopt

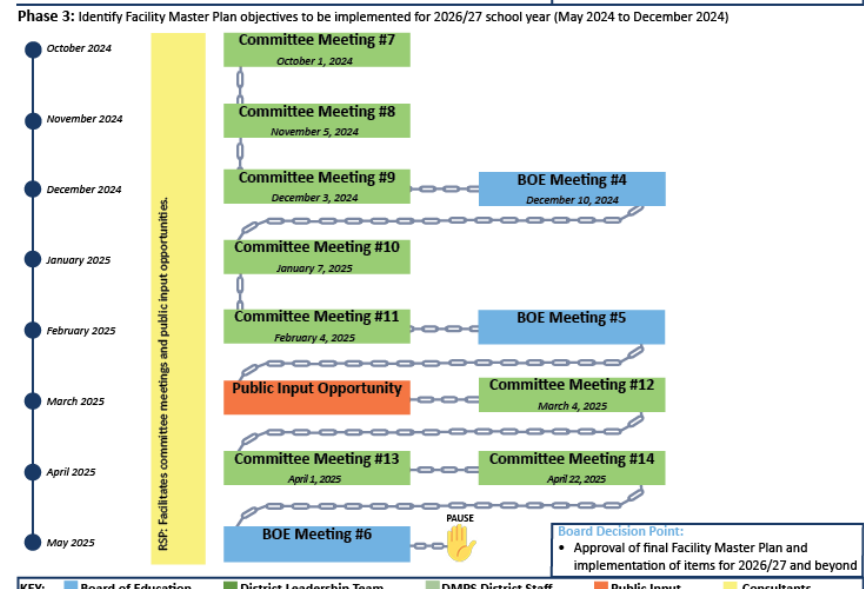
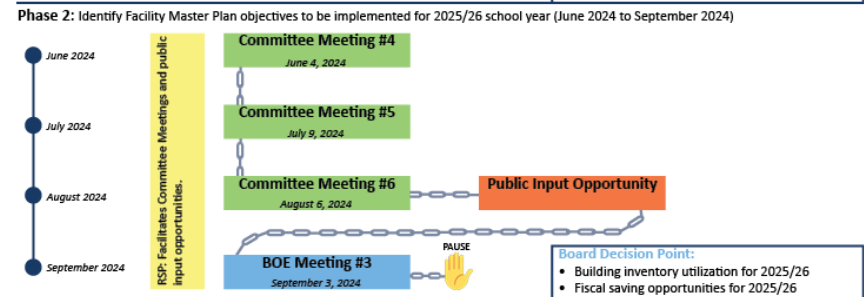
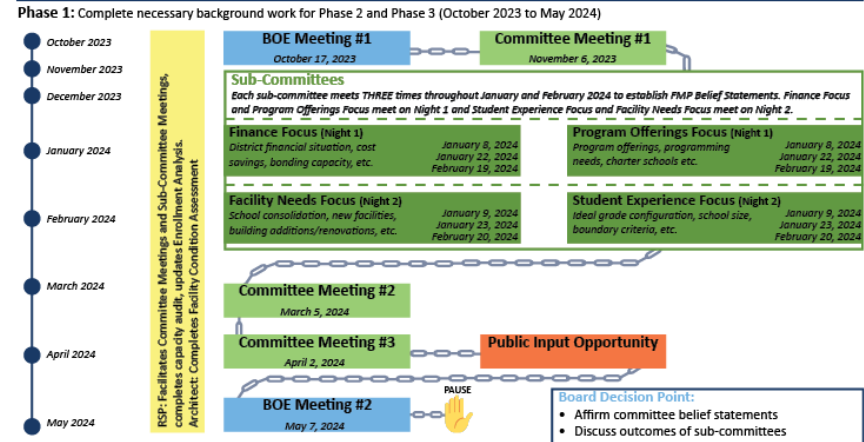
Board of Education

- Review regional aspects of growth to understand potential marketing strategies

Consultants

- Assist the district in any future changes to educational programming, school attendance centers, and district facility utilization – *Facility Master Plan*
- Assist the district in understanding the condition of each building – *Facility Condition Assessment*

Des Moines Public Schools Facility Master Plan Two Year Process



KEY: Board of Education (Blue), District Leadership Team (Green), DMPS District Staff (Light Green), Public Input (Orange), Consultants (Yellow)



APPENDIX

Community Demographics

Intra-transfer Tables

Student Density Maps

Demographics

Demographic Outlook	Des Moines Public Schools	Southeast Polk Community School District	West Des Moines Community School District	City of Des Moines	Polk County	Warren County	State of Iowa
Unemployment Rate	3.0%	2.7%	1.7%	3.0%	2.3%	1.6%	2.4%
Average Household Size	2.35	2.59	2.31	2.36	2.45	2.58	2.39
Median Age	36.2	38.1	39.0	36.2	37.0	40.7	39.7
Total Population	216,920	43,383	65,686	218,517	510,635	54,643	3,226,869
Median Household Income	\$58,533	\$84,465	\$80,228	\$58,566	\$75,827	\$85,504	\$67,730
Total Housing Units	97,939	17,589	30,107	98,240	219,979	21,832	1,444,666
Owner Occupied Housing	54,755	11,741	18,416	54,613	139,005	16,431	946,080
Renter Occupied Housing	35,477	4,611	9,868	35,824	65,855	4,105	363,174
Vacancy Rate	7.9%	7.0%	6.1%	7.9%	6.9%	5.9%	9.4%

Population by Race/Ethnicity	Des Moines Public Schools	Southeast Polk Community School District	West Des Moines Community School District	City of Des Moines	Polk County	Warren County	State of Iowa
White	59.7%	83.6%	74.9%	59.3%	72.3%	90.9%	81.4%
Black	11.3%	4.1%	5.8%	11.5%	7.2%	0.9%	4.4%
American Indian/Alaskan	0.3%	0.3%	0.1%	0.3%	0.2%	0.1%	0.3%
Asian	6.5%	2.2%	5.7%	6.7%	5.0%	0.7%	2.4%
Pacific Islander	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.3%
Other Race	0.4%	0.2%	0.4%	0.4%	0.3%	0.3%	0.3%
Two or More Races	4.7%	3.9%	4.3%	4.7%	4.2%	3.6%	3.6%
Hispanic	17.1%	5.6%	8.7%	17.0%	10.6%	3.5%	7.3%

Source: U.S. Census, ESRI BAO

Notes:

- Demographic attribute information for Des Moines Public Schools is similar to the City of Des Moines and Polk County
- Vacancy Rate is higher in the Des Moines Public Schools except for the state of Iowa when compared to the other geographies
- The Unemployment Rate is higher than the State of Iowa (estimates from July 2023 from the US Census)
- Median Age is lower in the Des Moines Public Schools except for the City of Des Moines when compared to the other geographies

Employment Information

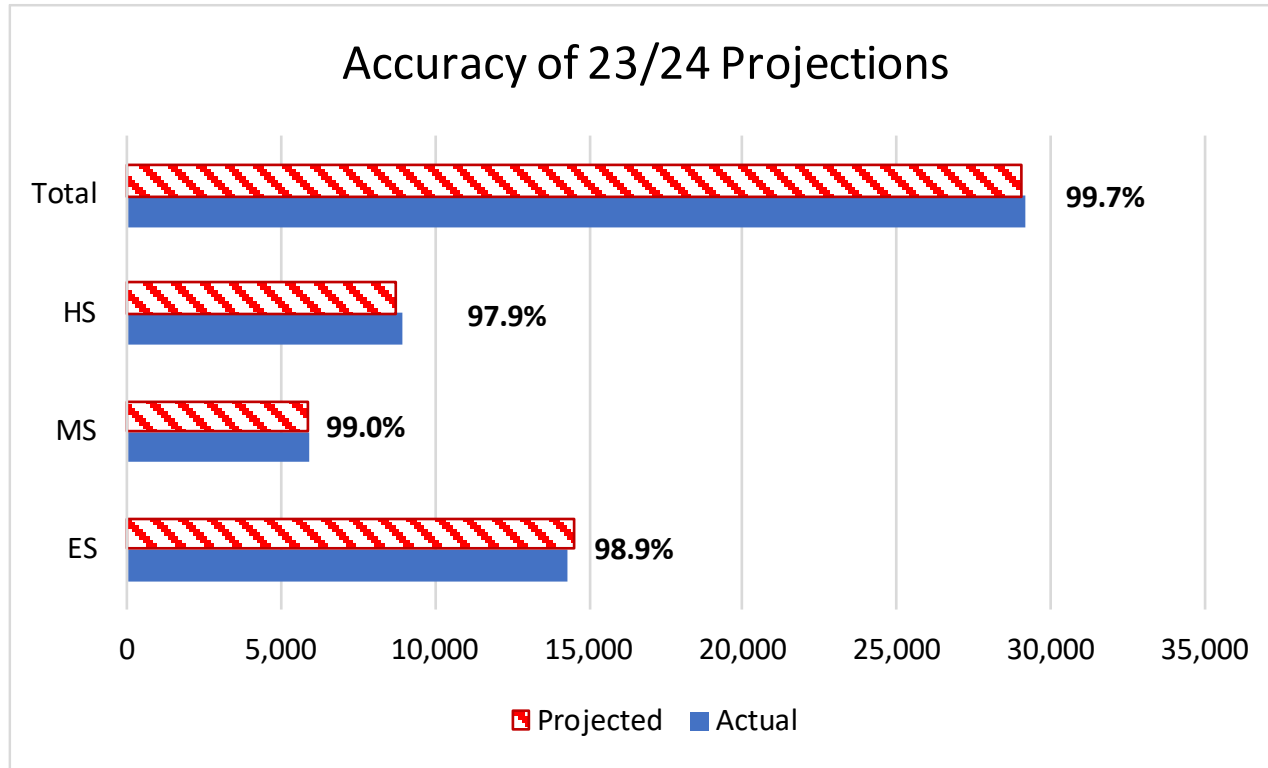
Employment by Industry	Des Moines Public Schools	Southeast Polk Community School District	West Des Moines Community School District	City of Des Moines	Polk County	Warren County	State of Iowa
	2022 Agriculture/Mining (SIC01-14) Employees	0.6%	0.6%	0.8%	0.7%	0.8%	2.0%
2023 Construction (SIC15-17) Employees	2.3%	4.7%	3.8%	2.4%	3.8%	7.5%	4.1%
2023 Manufacturing (SIC20-39) Employees	6.6%	3.0%	3.9%	6.5%	6.6%	3.6%	10.3%
2023 Transportation (SIC40-47) Employees	1.8%	1.6%	4.0%	2.8%	2.5%	2.0%	3.2%
2023 Communication (SIC48) Employees	0.8%	0.6%	0.4%	0.8%	0.7%	0.2%	0.8%
2023 Utility (SIC49) Employees	0.6%	0.2%	0.1%	0.6%	0.4%	0.4%	0.6%
2023 Wholesale Trade (SIC50-51) Employees	3.2%	1.7%	2.1%	3.3%	4.9%	2.5%	5.4%
2023 Home Improvement (SIC52) Employees	0.7%	2.9%	1.6%	0.7%	1.3%	1.8%	1.5%
2023 General Merchandise (SIC53) Employees	1.1%	3.0%	1.8%	0.9%	1.6%	3.6%	1.8%
2023 Food Stores (SIC54) Employees	2.3%	5.8%	3.2%	2.1%	3.2%	7.0%	3.5%
2023 Auto Dealer/Gas Station (SIC55) Employees	0.6%	2.2%	3.7%	0.6%	2.4%	2.3%	2.3%
2023 Apparel/Accessory (SIC56) Employees	0.3%	1.1%	0.8%	0.3%	0.4%	0.2%	0.5%
2023 Furniture/Home Furnishings (SIC57) Employees	0.2%	0.1%	0.9%	0.2%	0.6%	0.2%	0.7%
2023 Eating & Drinking (SIC58) Employees	4.7%	8.3%	5.6%	4.7%	5.5%	6.0%	6.0%
2023 Miscellaneous Retail (SIC59) Employees	1.9%	5.4%	4.3%	1.9%	2.6%	1.6%	2.6%
2023 Banks (SIC60-61) Employees	1.6%	1.3%	2.2%	1.5%	1.7%	1.3%	1.8%
2023 Securities Broker (SIC62) Employees	6.5%	0.1%	4.9%	6.4%	4.3%	0.3%	1.5%
2023 Insurance (SIC63-64) Employees	4.4%	0.3%	6.6%	4.4%	4.4%	1.1%	2.4%
2023 Real Estate/Holding (SIC65-67) Employees	5.2%	6.3%	9.4%	5.2%	6.0%	3.5%	2.5%
2023 Hotel/Lodging (SIC70) Employees	1.2%	1.3%	0.8%	1.2%	1.1%	0.5%	1.1%
2023 Auto Services (SIC75) Employees	1.8%	2.1%	0.9%	1.7%	1.5%	0.8%	1.1%
2023 Movie/Amusement (SIC78-79) Employees	1.1%	18.7%	1.9%	1.1%	2.3%	2.8%	2.7%
2023 Health Services (SIC80) Employees	17.4%	6.6%	8.9%	17.2%	11.7%	9.8%	12.1%
2023 Legal Services (SIC81) Employees	1.5%	0.3%	1.6%	1.4%	1.1%	0.4%	0.7%
2023 Education/Library (SIC82) Employees	5.1%	6.4%	3.2%	5.1%	5.3%	21.7%	8.5%
2023 Other Service (SIC72-89SEL) Employees	15.1%	11.1%	19.8%	15.0%	15.8%	12.6%	14.7%
2023 Government (SIC91-97) Employees	11.0%	3.3%	2.2%	10.8%	7.0%	4.1%	5.9%
2023 Unclassified Establishments (SIC99) Employees	0.3%	1.0%	0.5%	0.4%	0.5%	0.4%	0.4%

Source; U.S. Census and Esri BAO

Notes:

- Highest percentage of employees are in Health Services (17.4%)
- When compared to all neighboring geographies, Des Moines Public Schools has a greater percentage of employees working in Government and lower percentage of employees working in Auto Dealer/Gas Station

Accuracy of 2023 Projections for 23/24



Last years enrollment projections were 99.7% accurate when forecasting for the 23/24 school year

- The projections were 97.9% accurate when forecasting at the Elementary level. Given that this year's kindergarten class is the smallest since before 2012/13 the kindergarten enrollment should be monitored closely
 - The projections were most accurate when forecasting at the Middle School level with 99% accuracy
- The middle school class size average has been decreasing since its mean in 2018/19, this trend should be monitored as these cohort move into the High School
 - The projections were 97.9% accurate when forecasting at the High School level
- Last year the high school gained (+54 students) for the first time since 2020/21

Warren County Birth Rate Information

Warren County Iowa Live Births

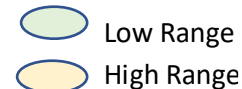
Des Moines Public Schools Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2007	527			2012/13	13	2.5%
2008	544	17	3.2%	2013/14	15	2.8%
2009	537	-7	-1.3%	2014/15	11	2.0%
2010	523	-14	-2.6%	2015/16	16	3.1%
2011	515	-8	-1.5%	2016/17	22	4.3%
2012	542	27	5.2%	2017/18	18	3.3%
2013	532	-10	-1.8%	2018/19	21	3.9%
2014	557	25	4.7%	2019/20	18	3.2%
2015	529	-28	-5.0%	2020/21	12	2.3%
2016	590	61	11.5%	2021/22	18	3.1%
2017	576	-14	-2.4%	2022/23	18	3.1%
2018	581	5	0.9%	2023/24	21	3.6%
2019	594	13	2.2%	2024/25	12	25
2020	540	-54	-9.1%	2025/26	11	23
2021	606	66	12.2%	2026/27	12	26
2022	615	9	1.5%	2026/28	13	26
3-Year Average	587.0	7.0				
3-Year Weighted Average	599.5	17.5				

Source: Iowa Department of Public Health (IDPH) and Des Moines Public Schools

Live Birth Observations

- Tracks the number of Warren County live births and the corresponding number of kindergarten students five years later
- The district enrolls about 3% of Warren County live births
- Warren County live births have been increasing to 600 births per year



Intra-District Transfer Table (Overall)

Schools	In	Out	Net	McKinley Elementary	74	-41	33	Brody Middle	119	-100	19
Brubaker Elementary	66	-86	-20	Monroe Elementary	46	-142	-96	Callanan Middle	125	-143	-18
Capitol View Elementary	128	-111	17	Moore Elementary	48	-70	-22	Cowles Montessori School M	72	0	72
Carver Elementary	139	-95	44	Morris Elementary	94	-103	-9	Goodrell Middle	117	-100	17
Cattell Elementary	59	-90	-31	Moulton Elementary	97	-115	-18	Harding Middle	93	-135	-42
Cowles Montessori School E	170	-21	149	Oak Park Elementary	52	-99	-47	Hiatt Middle	100	-132	-32
Downtown Elementary	209	-3	206	Park Avenue Elementary	72	-181	-109	Hoyt Middle	88	-62	26
Edmunds Elementary	50	-123	-73	Perkins Elementary	76	-101	-25	McCombs Middle	78	-120	-42
Findley Elementary	55	-51	4	Phillips Elementary	129	-38	91	Meredith Middle	73	-123	-50
Garton Elementary	50	-164	-114	Pleasant Hill Elementary	57	-10	47	Merrill Middle	153	-54	99
Greenwood Elementary	56	-64	-8	River Woods Elementary	88	-88	0	Weeks Middle	94	-143	-49
Hanawalt Elementary	64	-39	25	Samuelson Elementary	53	-64	-11	East High	271	-492	-221
Hillis Elementary	57	-71	-14	South Union Elementary	104	-136	-32	Hoover High	159	-233	-74
Howe Elementary	56	-80	-24	Stowe Elementary	48	-116	-68	Lincoln High	276	-223	53
Hubbell Elementary	87	-57	30	Studebaker Elementary	73	-106	-33	North High	285	-365	-80
Jackson Elementary	59	-115	-56	Walnut Street Elementary	149	-10	139	Roosevelt High	436	-114	322
Jefferson Elementary	151	-34	117	Willard Elementary	66	-78	-12	Total	5,662	-5662	0
King Elementary	94	-81	13	Windsor Elementary	68	-85	-17				
Lovejoy Elementary	74	-148	-74	Wright Elementary	69	-66	3				
Madison Elementary	36	-41	-5								

Observations

- Illustrates school choice that could be impacted by location of educational programming - 5,664 total students attended a school where they do not reside this year
- Downtown ES had the most transferring in (+209) and the largest NET gain (+206)
- Garton ES had the most transferring out (-164) and the largest NET loss (-114)
- Merrill MS had the most transferring in (+153) and the largest NET gain (+99)
- Meredith MS had the most transferring out (-123) and the largest NET loss (-50)
- Roosevelt HS had the most transferring in (+436) and the largest NET gain (+322)
- East HS had the most transferring out (-492) and the largest NET loss (-221)

Elementary Intra-District Transfers

Reside	Attend																												Attend Total											
	Brubaker	Capitol View	Carver	Cattell	Cowles	Downtown	Edmunds	Findley	Garton	Greenwood	Hanawalt	Hillis	Howe	Hubbell	Jackson	Jefferson	King	Lovejoy	Madison	McKinley	Monroe	Moore	Morris	Moulton	Oak Park	Park Avenue	Perkins	Phillips		Pleasant Hill	River Woods	Samuelson	South Union	Stowe	Stuebaker	Walnut Street	Willard	Windsor	Wright	
Brubaker	0	4	3	5	2	3	2	0	3	1	0	0	1	0	1	2	0	1	3	1	1	2	0	1	1	0	0	17	4	0	0	1	15	1	3	8	0	0	86	
Capitol View	3	0	11	0	0	0	0	6	5	1	4	2	0	1	5	3	1	1	1	0	1	0	0	5	0	3	1	9	4	0	1	0	4	1	5	28	2	2	111	
Carver	7	14	0	2	1	2	3	1	3	0	2	2	1	2	0	1	6	3	1	7	0	0	0	4	1	4	1	4	3	3	1	1	3	0	10	2	0	0	95	
Cattell	1	11	17	0	2	5	2	5	8	1	0	3	0	0	1	0	0	0	0	3	0	0	0	3	3	3	0	6	2	1	2	1	0	0	0	8	1	0	1	90
Cowles	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	19	0	21	
Downtown	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Edmunds	3	0	1	2	5	20	0	1	0	13	6	0	0	14	0	0	11	1	0	0	5	2	0	11	0	1	7	0	0	1	0	0	0	1	0	16	0	2	0	123
Findley	0	2	7	11	0	1	3	0	0	0	0	0	0	0	0	2	0	1	4	1	0	0	0	4	4	0	0	0	0	1	0	1	1	3	4	1	0	0	51	
Garton	7	15	29	5	1	6	1	4	0	0	3	1	2	0	0	0	8	0	2	3	2	5	2	3	3	0	1	30	3	3	13	0	7	0	4	0	1	0	164	
Greenwood	0	0	0	2	12	16	0	0	2	0	4	0	0	14	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0	0	0	5	0	4	0	64
Hanawalt	0	0	0	0	9	7	0	0	0	2	0	0	0	1	0	2	0	0	0	4	0	0	0	0	1	0	1	0	0	1	0	5	0	3	1	0	2	0	39	
Hillis	0	0	1	1	22	9	2	2	0	3	3	0	0	9	0	0	0	0	0	1	3	0	0	0	1	7	0	1	0	0	0	0	0	0	4	0	1	0	71	
Howe	0	3	5	0	0	6	0	2	2	1	0	0	0	1	12	0	5	0	4	0	0	3	0	0	9	0	2	1	11	0	7	0	1	5	0	0	0	80		
Hubbell	0	3	2	1	14	9	1	0	0	7	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	1	0	0	0	1	0	6	0	57		
Jackson	0	3	8	0	1	9	3	1	0	0	0	0	7	3	0	18	0	6	0	7	0	0	2	4	2	9	0	1	1	13	0	5	0	3	4	2	1	2	115	
Jefferson	0	0	0	0	7	11	0	0	0	1	3	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	3	1	0	3	3	34	
King	2	1	4	3	0	4	10	0	0	7	0	0	0	0	0	0	0	0	0	3	2	3	21	0	2	7	0	0	1	3	0	1	0	4	2	1	0	81		
Lovejoy	0	1	3	0	0	5	0	0	2	1	0	0	4	0	12	10	4	0	1	3	1	0	14	0	0	4	0	0	3	12	0	40	0	8	9	0	0	11	148	
Madison	0	5	2	2	0	1	0	6	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	3	1	2	3	0	0	1	1	5	0	1	2	0	0	41		
McKinley	1	2	0	2	1	0	0	0	0	0	0	12	2	2	5	0	3	0	0	0	0	0	0	1	0	1	0	2	0	1	2	0	0	0	1	0	1	2	41	
Monroe	0	3	8	1	5	5	7	1	2	1	1	10	0	4	2	0	21	1	1	1	0	12	1	12	5	1	12	1	0	7	9	0	0	0	2	0	6	0	142	
Moore	0	1	0	0	16	3	0	1	0	2	3	11	0	4	1	0	1	0	0	0	2	0	3	2	2	0	7	0	0	1	7	0	0	0	0	0	3	0	70	
Morris	0	1	0	1	1	2	0	0	0	0	0	0	0	3	0	8	2	7	0	4	0	0	0	2	1	3	0	3	0	0	14	0	28	2	0	2	13	103		
Moulton	0	14	7	3	5	8	6	2	0	0	0	6	1	1	0	2	11	0	2	2	6	2	1	0	10	3	4	1	1	2	3	0	0	3	7	0	2	0	115	
Oak Park	2	3	7	6	1	3	2	16	4	2	0	1	0	3	0	0	0	0	13	1	4	2	2	2	0	0	5	2	3	0	4	0	0	2	7	1	1	0	99	
Park Avenue	2	0	1	1	6	22	1	1	1	2	0	1	5	1	4	44	0	0	3	10	1	2	11	0	3	0	2	2	0	8	0	15	0	4	12	2	1	13	181	
Perkins	0	4	1	0	14	4	5	0	0	5	5	0	0	17	2	2	17	1	0	0	5	2	1	5	0	0	0	0	1	0	2	3	0	1	0	0	4	0	101	
Phillips	2	10	1	1	0	0	0	2	0	0	1	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	2	0	0	1	4	1	6	1	1	0	38		
Pleasant Hill	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	2	0	0	1	0	0	10	
River Woods	0	9	3	0	1	6	0	0	3	1	1	0	2	0	6	1	2	5	4	9	0	0	3	3	2	6	2	1	2	0	2	2	0	3	4	1	0	4	88	
Samuelson	1	0	3	0	8	3	0	0	1	0	0	7	0	3	4	0	2	1	0	0	5	7	2	3	4	1	3	1	0	0	0	0	0	0	3	0	2	0	64	
South Union	0	3	1	0	2	11	0	3	0	0	0	9	0	2	18	0	13	0	2	0	0	22	2	3	11	4	1	1	5	0	0	0	0	8	1	2	2	10	136	
Stowe	25	7	5	2	0	1	0	2	5	0	0	0	0	2	0	0	0	0	4	0	4	0	0	4	0	1	1	25	11	2	0	0	0	2	0	11	1	1	116	
Stuebaker	3	5	3	0	1	3	1	0	2	1	0	0	5	0	2	4	2	19	0	4	0	0	14	1	1	2	0	2	0	11	0	3	1	0	8	1	0	7	106	
Walnut Street	0	0	1	0	0	5	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
Willard	7	4	4	5	3	0	0	5	1	1	0	0	1	2	0	1	2	0	2	4	0	0	0	0	0	0	2	14	14	1	0	0	3	0	2	0	0	78		
Windsor	0	0	0	0	25	16	0	0	0	2	20	5	0	2	0	1	0	0	0	0	0	4	2	1	1	0	0	0	2	1	0	0	0	3	0	0	0	0	85	
Wright	0	0	1	0	2	3	0	1	1	4	0	0	2	1	3	15	2	2	0	2	0	1	8	0	0	5	0	0	0	1	1	4	0	1	6	0	0	0	66	
Grand Total	66	128	139	59	170	209	50	55	50	56	64	57	56	87	59	151	94	74	36	74	46	48	94	97	52	72	76	129	57	88	53	104	48	73	149	66	68	69	3,123	

Source: DMPS and RSP

NOTE: The schools in the left column are associated with the current attendance area. Reading to the right indicates a school choice change from where they are assigned based on the Reside attendance area. For example: Brubaker has 86 students attending a different elementary school and 66 students from another elementary school choosing to attend Brubaker. This results in a 20 less students attending Brubaker than what reside in that attendance area.

Secondary Intra-District Transfers

Reside	Attend											
	Brody	Cowles Montessori	Callanan	Goodrell	Harding	Hiatt	Hoyt	McCombs	Meredith	Merrill	Weeks	Attend Total
Brody	0	6	17	2	12	3	3	22	4	5	26	100
Cowles Montessori	0	0	0	0	0	0	0	0	0	0	0	0
Callanan	1	14	0	3	11	5	3	3	9	91	3	143
Goodrell	0	0	5	0	14	24	40	2	9	3	3	100
Harding	7	4	18	18	0	34	6	3	25	15	5	135
Hiatt	6	0	11	48	16	0	27	1	5	6	12	132
Hoyt	2	3	1	30	7	10	0	1	2	2	4	62
McCombs	50	3	13	5	4	3	1	0	3	3	35	120
Meredith	3	12	41	2	20	12	1	2	0	24	6	123
Merrill	1	29	9	0	1	1	2	0	11	0	0	54
Weeks	49	1	10	9	8	8	5	44	5	4	0	143
Grand Total	119	72	125	117	93	100	88	78	73	153	94	1,112

Reside	Attend					
	East	Hoover	Lincoln	North	Roosevelt	Attend Total
East	0	35	204	149	104	492
Hoover	21	0	12	54	146	233
Lincoln	67	13	0	50	93	223
North	169	67	36	0	93	365
Roosevelt	14	44	24	32	0	114
Grand Total	271	159	276	285	436	1,427

Source: DMPS and RSP

NOTE: The schools in the left column are associated with the current attendance area. Reading to the right indicates a school choice change from where they are assigned based on the Reside attendance area. For example: Brody has 100 students attending a different middle school and 119 students from another middle school choosing to attend Brody. This results in a 19 more students attending Brody than what reside in that attendance area.

Planning Areas – Detailed Map

Planning Areas-Detail

MAIN TAKEAWAY:

Purple Line: School District Boundary

Green Lines: RSP Planning Areas

Legend

- District Boundary
- Cemetery
- School Points
- Elementary
- Middle School
- High School
- Alternative
- Cemetery
- Golf Course
- Park
- Colleges

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

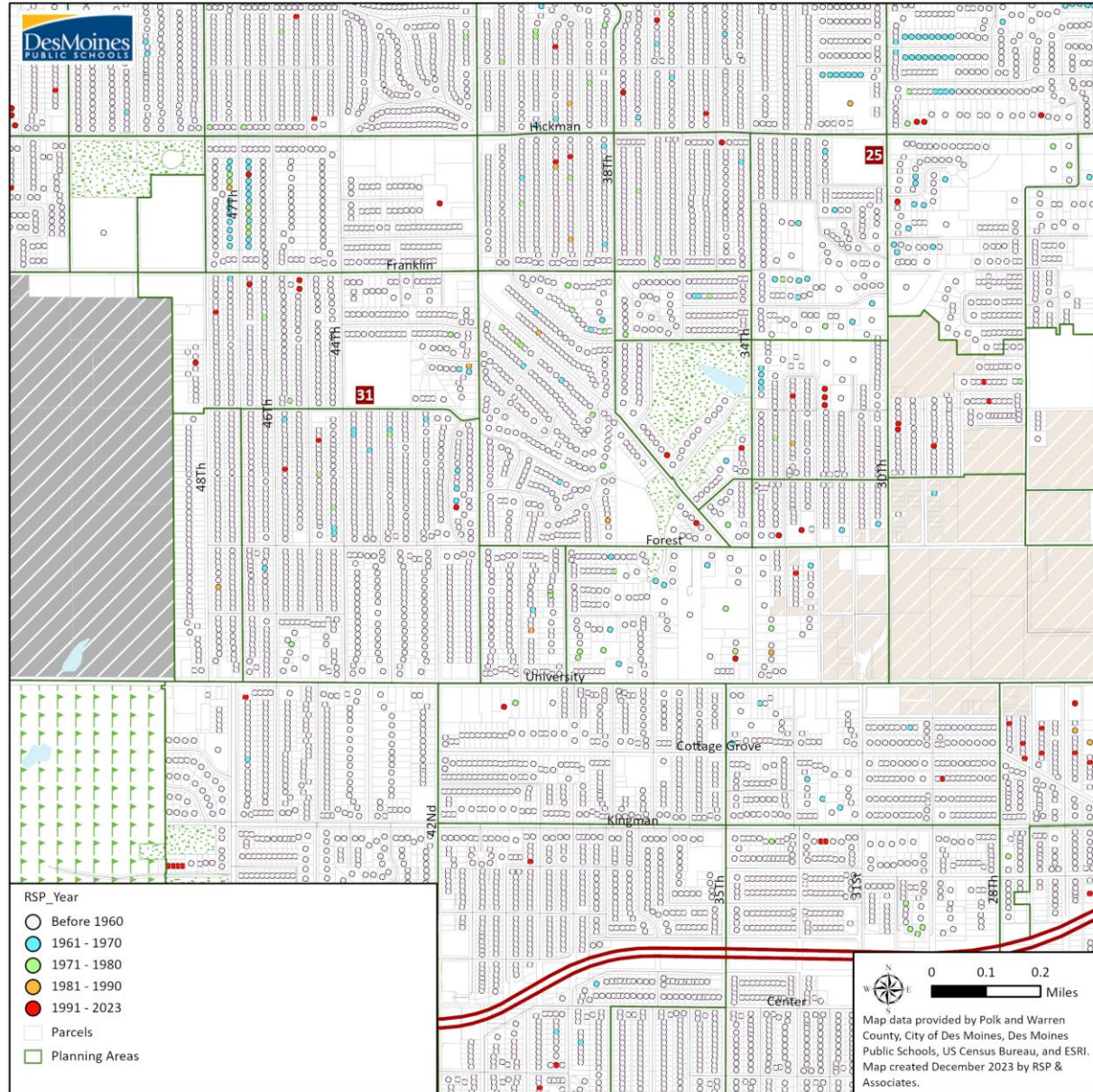
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|-----------------|--------------------|
| 5. Brubaker | 24. McKinley |
| 6. Capitol View | 25. Monroe |
| 7. Carver | 26. Moore |
| 8. Cattell | 27. Morris |
| 9. Cowles Mont. | 28. Moulton |
| 10. Downtown | 29. Oak Park |
| 11. Edmunds | 30. Park Avenue |
| 12. Findley | 31. Perkins |
| 13. Garton | 32. Phillips |
| 14. Greenwood | 33. Pleasant Hill |
| 15. Hanawalt | 34. River Woods |
| 16. Hillis | 35. Ruby Van Meter |
| 17. Howe | 36. Samuelson |
| 18. Hubbell | 37. South Union |
| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Stuebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
| 23. Madison | 42. Windsor |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Planning Area Notes:

Statistically analyzing data with this number of geographic based polygons will provide a deeper context to how change is happening resulting in a reliable tool to make credible planning decisions

Each planning area had a different outlook based on indicators such as value of housing, square footage of housing unit, when the housing product was constructed, as well as access to amenities such as shopping, parks, trails, and roads

2019/20 – 2023/24 Kindergarten Count Map

2019/20 to 2023/24 Kindergarten Count

MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Areas of highest kindergarten student count

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Middle School
- Colleges
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

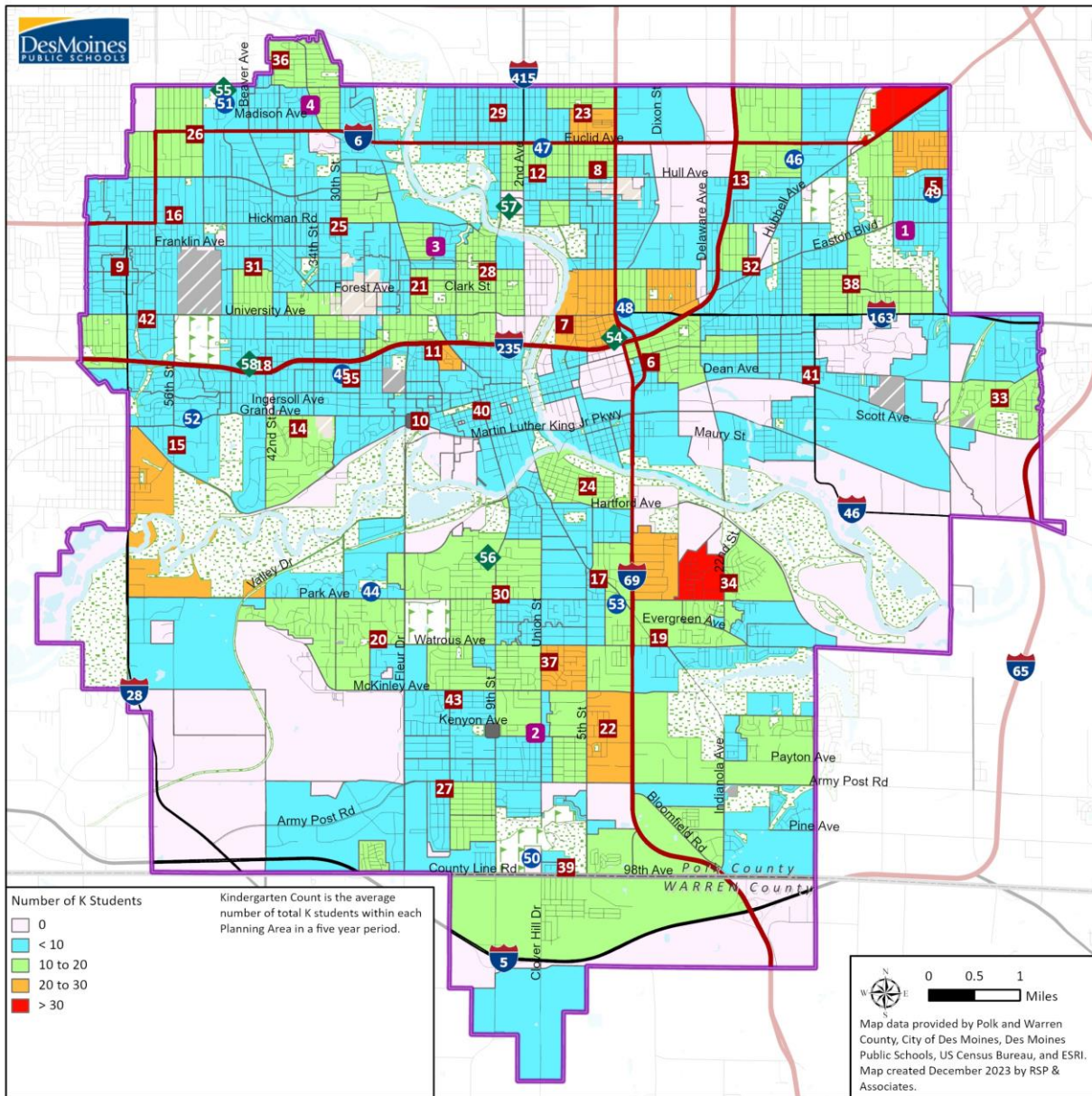
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| 23. Madison | 42. Windsor |
| | 43. Wright |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



2013/14 – 2017/18 Kindergarten Count Map

2013/14 to 2017/18 Kindergarten Count

MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Areas of highest kindergarten student count

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Colleges
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

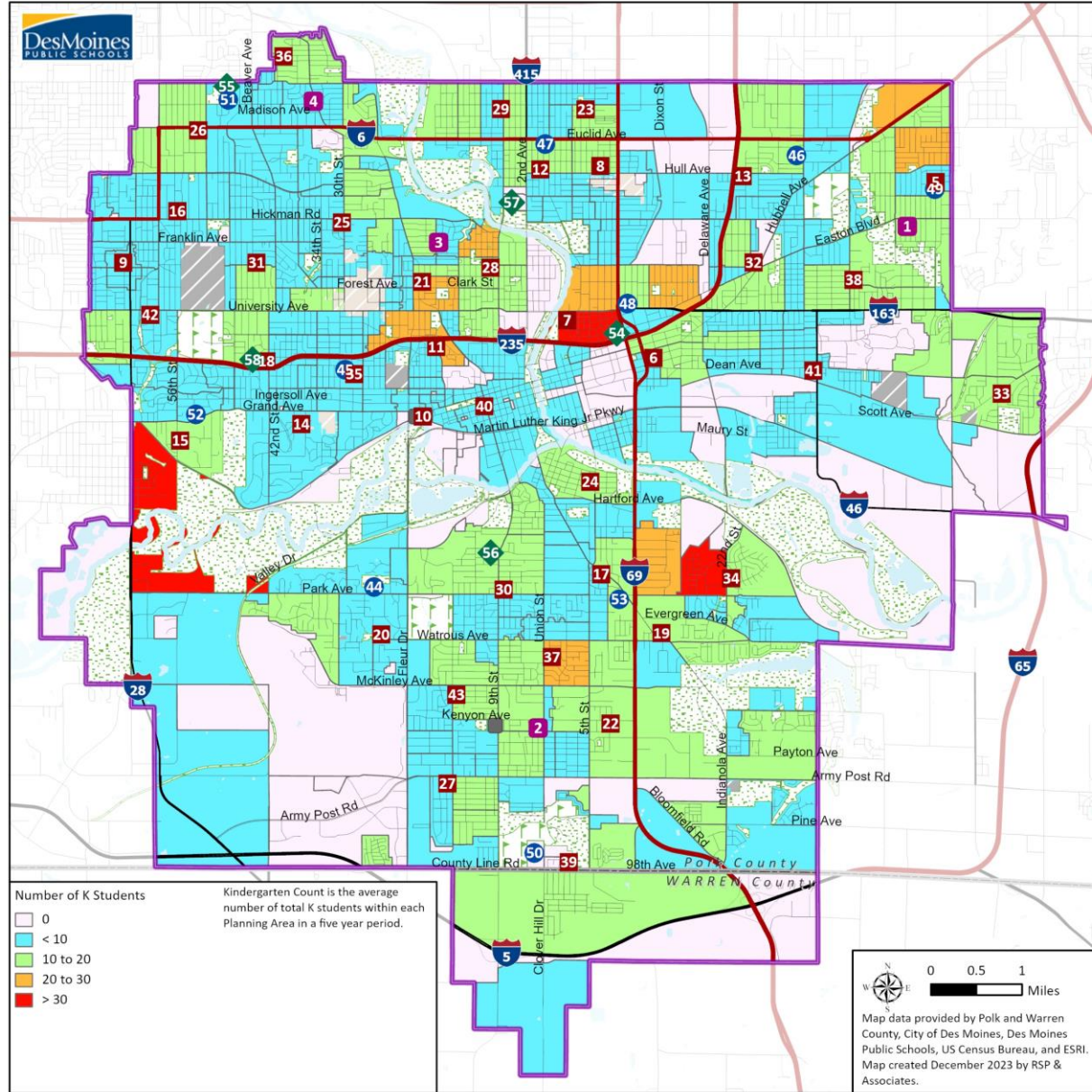
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Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

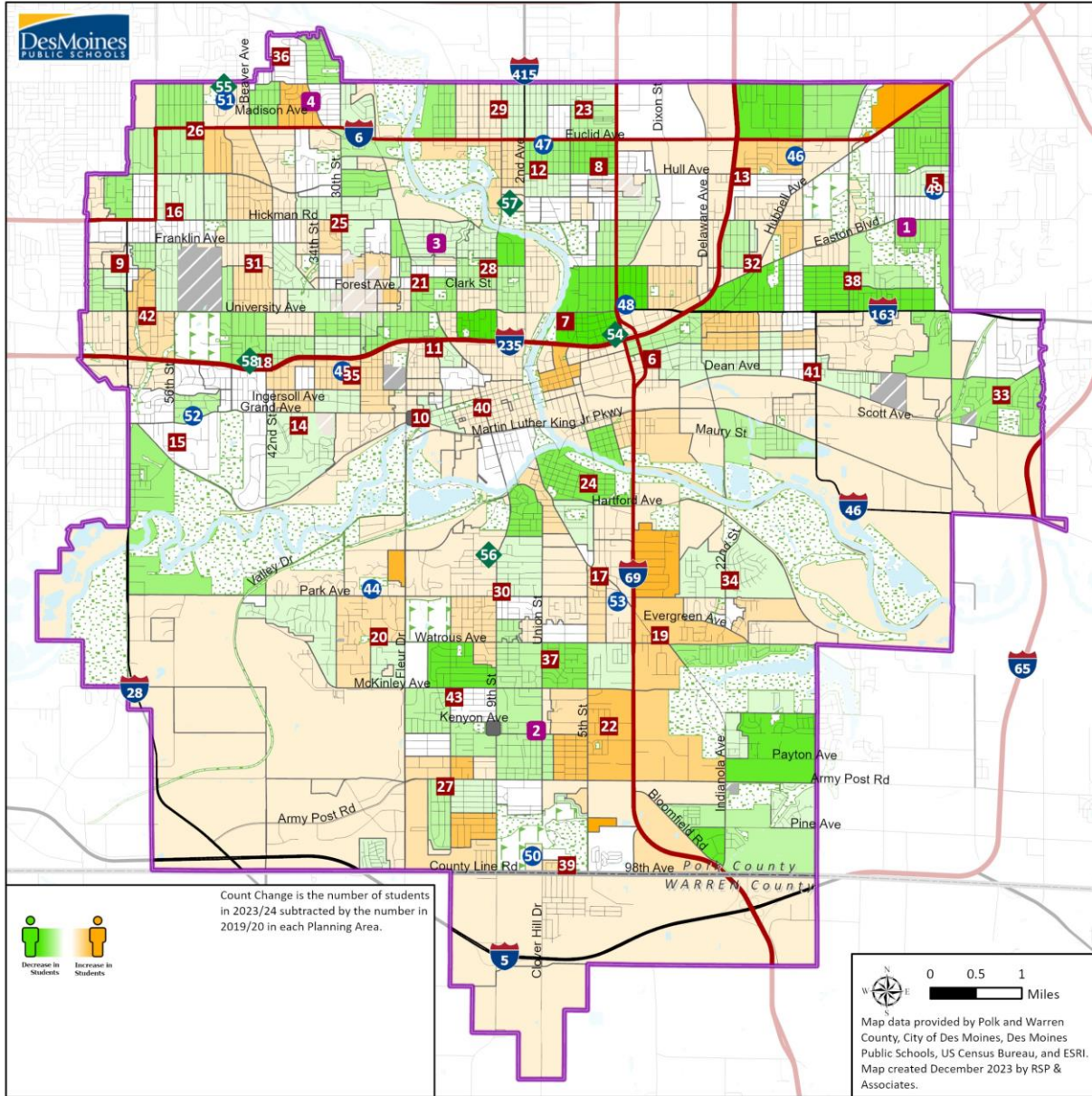
High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Elementary Student Count Change Map

Student Count Change from
2019/20 to 2023/24 in Grades K-5



Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Colleges
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
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4. Woodlawn

Elementary Schools:

- | | |
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Middle Schools:

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45. Callanan
46. Goodrell
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51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Map data provided by Polk and Warren County, City of Des Moines, Des Moines Public Schools, US Census Bureau, and ESRI. Map created December 2023 by RSP & Associates.

MAIN TAKEAWAY:

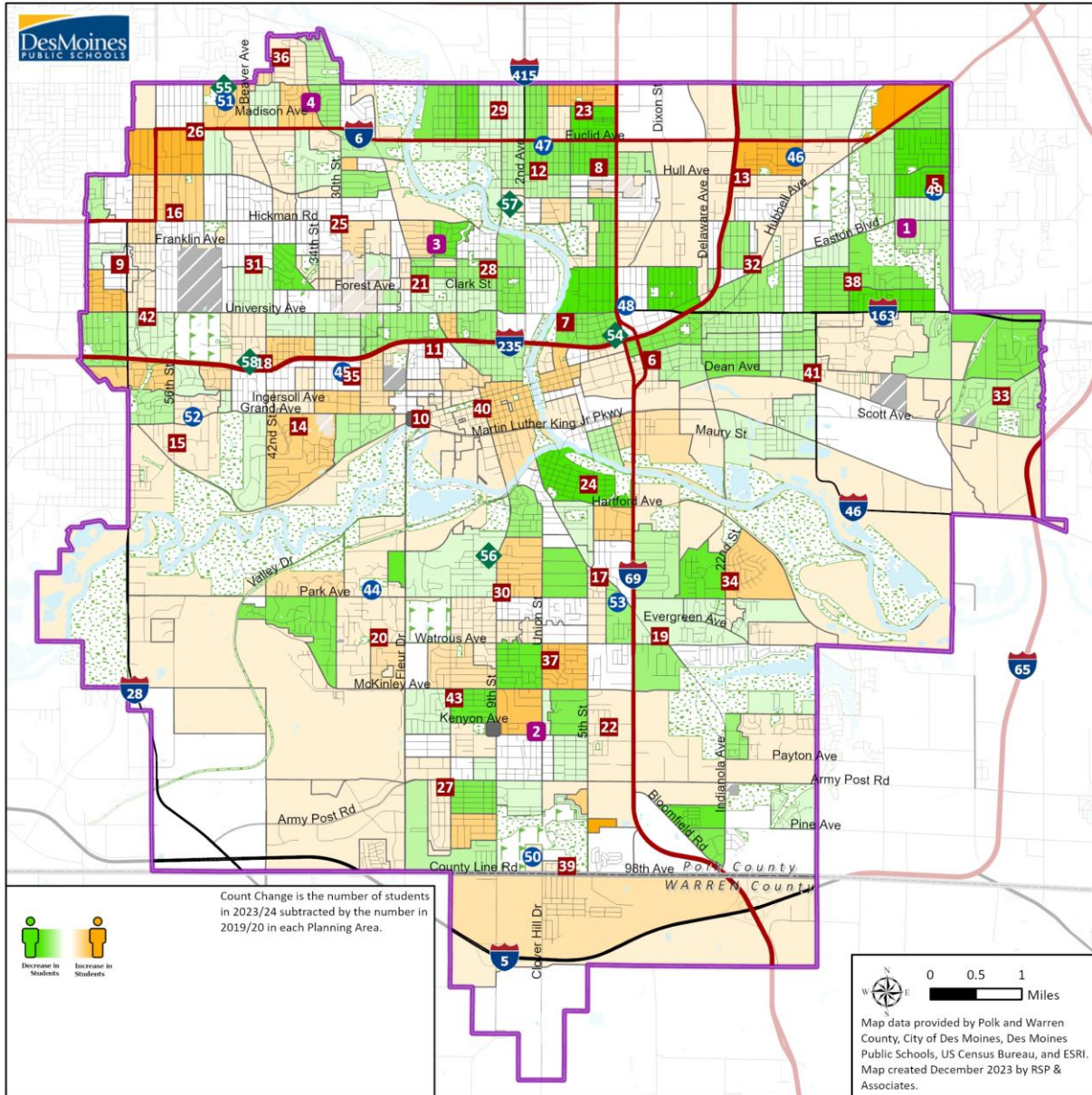
Purple Line: School District Boundary

Green: Decrease in Student Count

Orange: Increase in Student Count

Middle School Student Count Change Map

Student Count Change from
2019/20 to 2023/24 in Grades 6-8



MAIN TAKEAWAY:

Purple Line: School District Boundary

Green: Decrease in Student Count

Orange: Increase in Student Count

High School Student Count Change Map

Student Count Change from
2019/20 to 2023/24 in Grades
9-12

MAIN TAKEAWAY:

Purple Line: School District Boundary

Green: Decrease in Student Count

Orange: Increase in Student Count

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Park
- Colleges
- Early Ed/PK
- Elementary
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

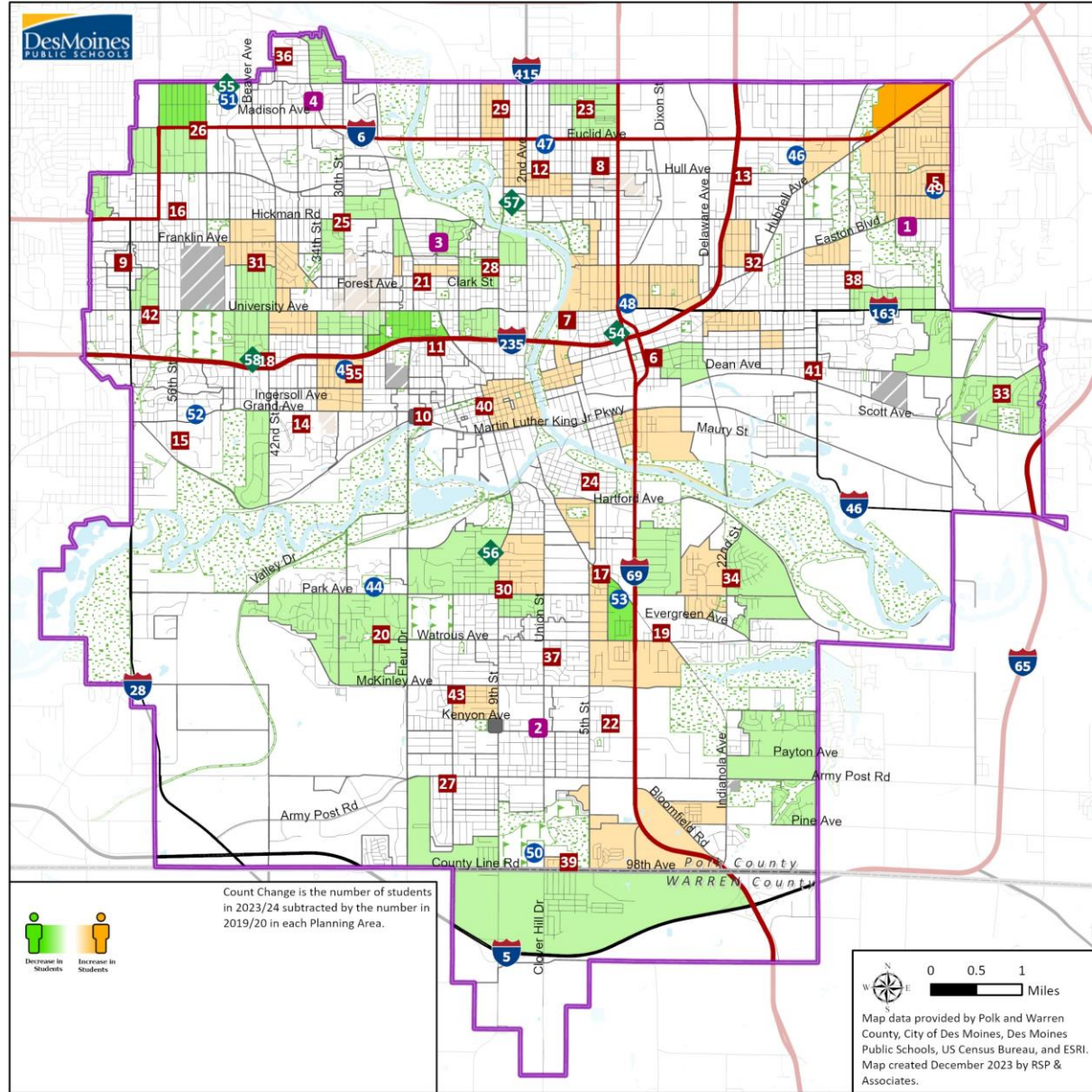
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52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



2023/24 Student Density Map

2023/24 Student Density in Grades K-12

MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Areas of highest student density

Blue: Areas of lowest student density

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Middle School
- Colleges
- High School
- Alternative

Early Education/PK:

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2. Mitchell
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4. Woodlawn

Elementary Schools:

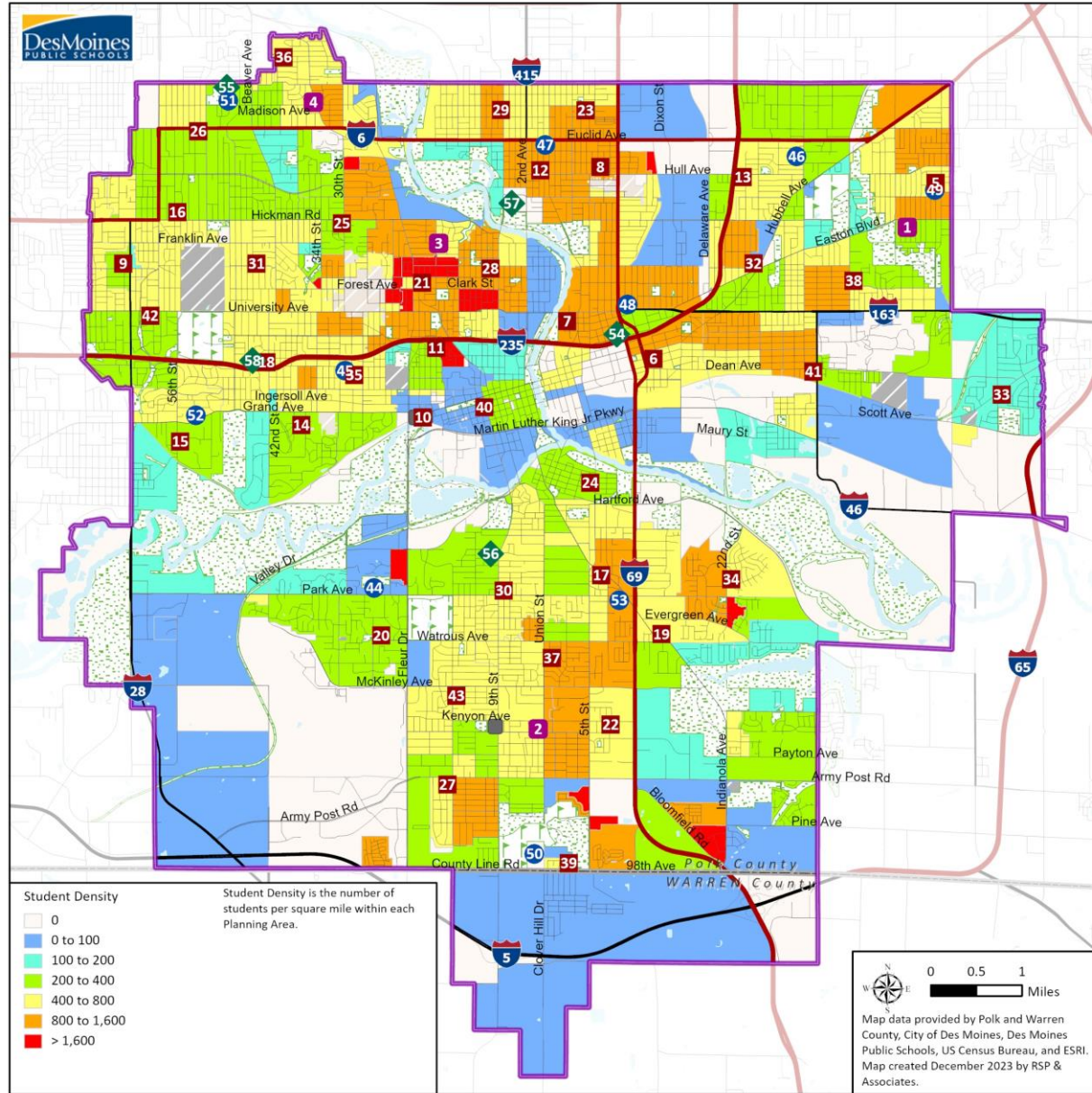
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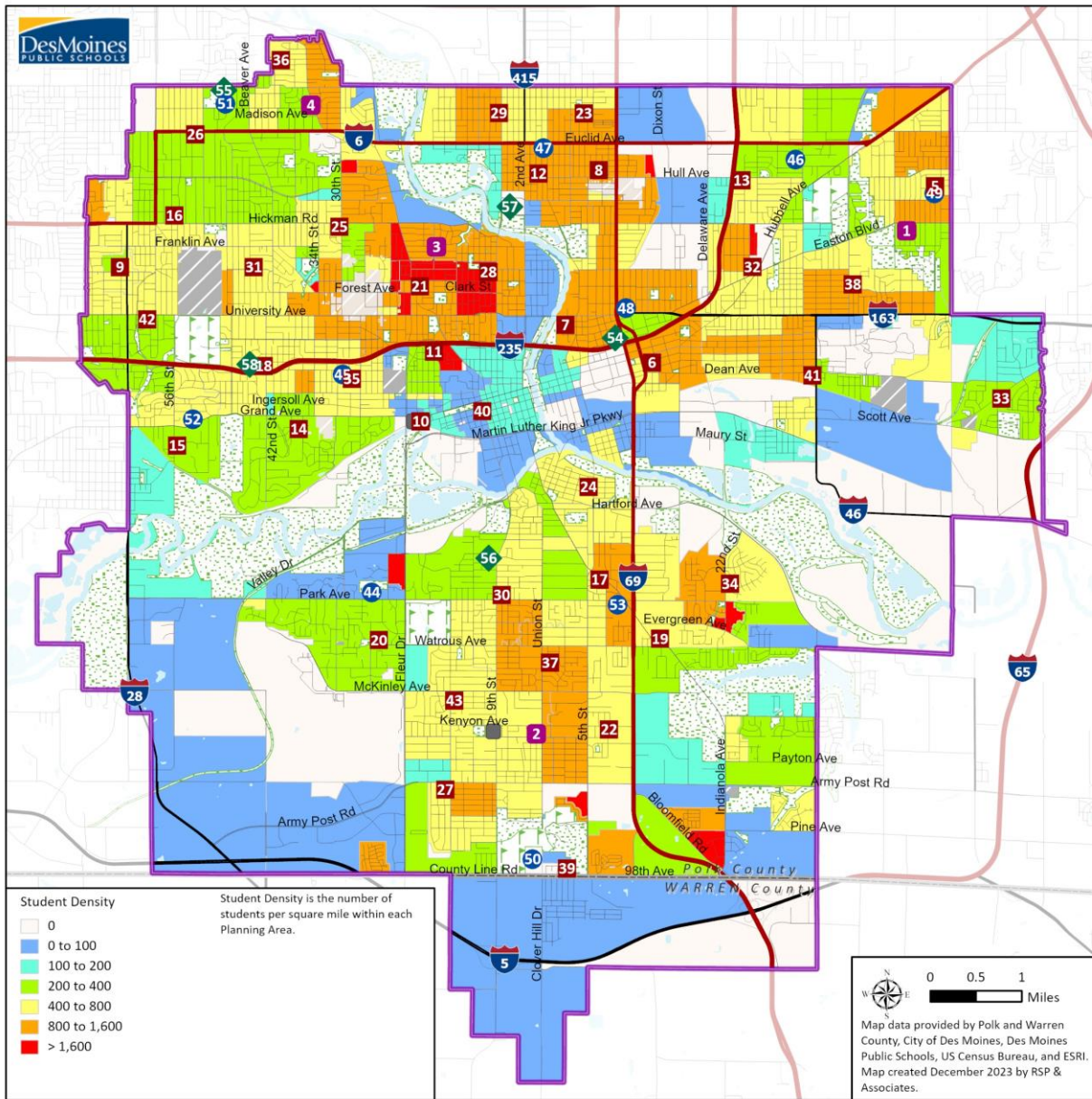
High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



2019/20 Student Density Map

2019/20 Student Density in Grades K-12



MAIN TAKEAWAY:

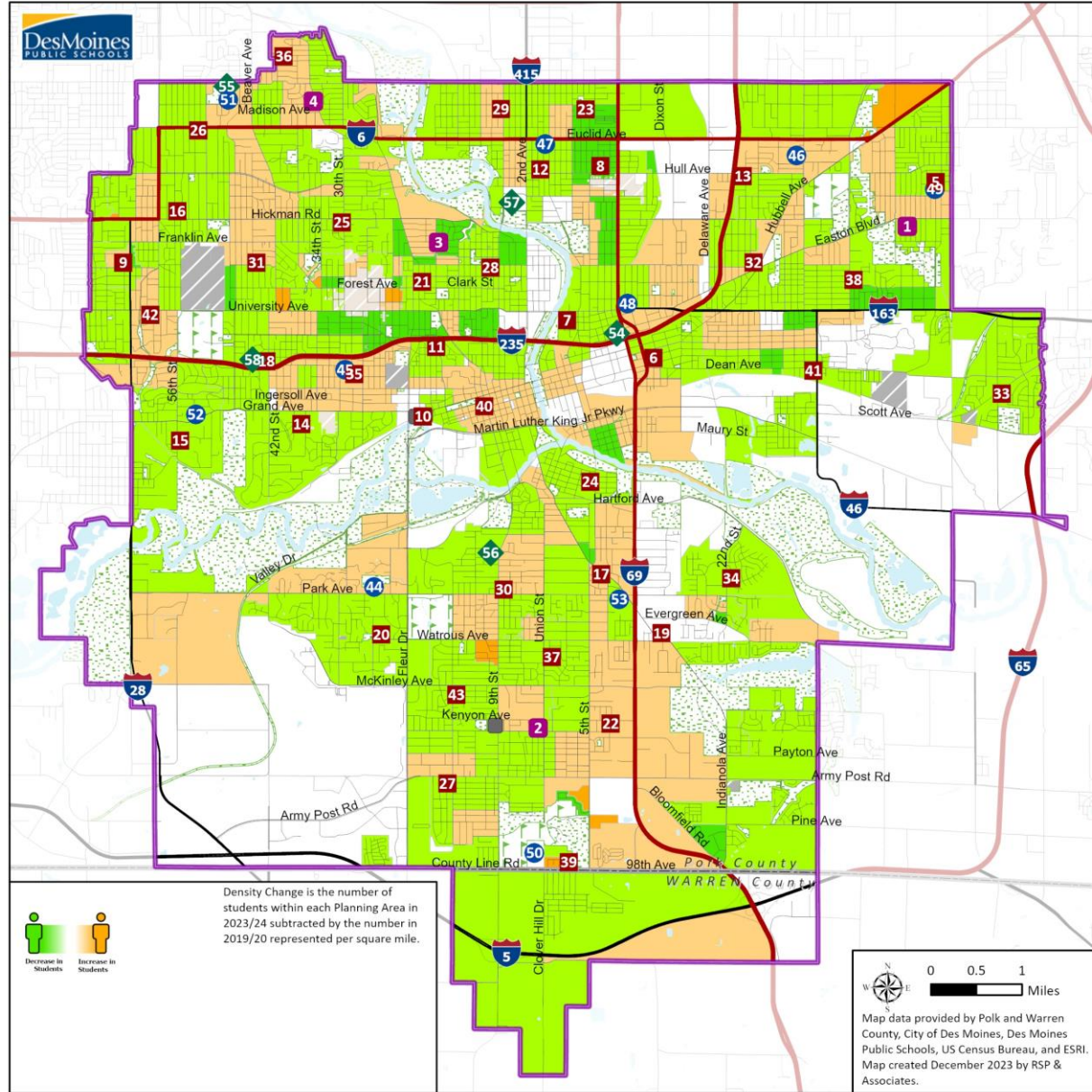
Purple Line: School District Boundary

Red: Areas of highest student density

Blue: Areas of lowest student density

Student Density Change Map

Student Density Change from 2019/20 to 2023/24 in Grades K-12



Density Change is the number of students within each Planning Area in 2023/24 subtracted by the number in 2019/20 represented per square mile.

Map data provided by Polk and Warren County, City of Des Moines, Des Moines Public Schools, US Census Bureau, and ESRI. Map created December 2023 by RSP & Associates.

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
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- | | |
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| 19. Jackson | 38. Stowe |
| 20. Jefferson | 39. Studebaker |
| 21. King | 40. Walnut Street |
| 22. Lovejoy | 41. Willard |
| 23. Madison | 42. Windsor |
| | 43. Wright |

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt

MAIN TAKEAWAY:

Purple Line: School District Boundary

Green: Decrease in Student Count

Orange: Increase in Student Count

Heat Density Change Map

Student "Heat" Density Difference from 2019/20 to 2023/24 in Grades K-12

MAIN TAKEAWAY:

Purple Line: School District Boundary

Green: Decrease in Student Count

Orange: Increase in Student Count

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Colleges
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

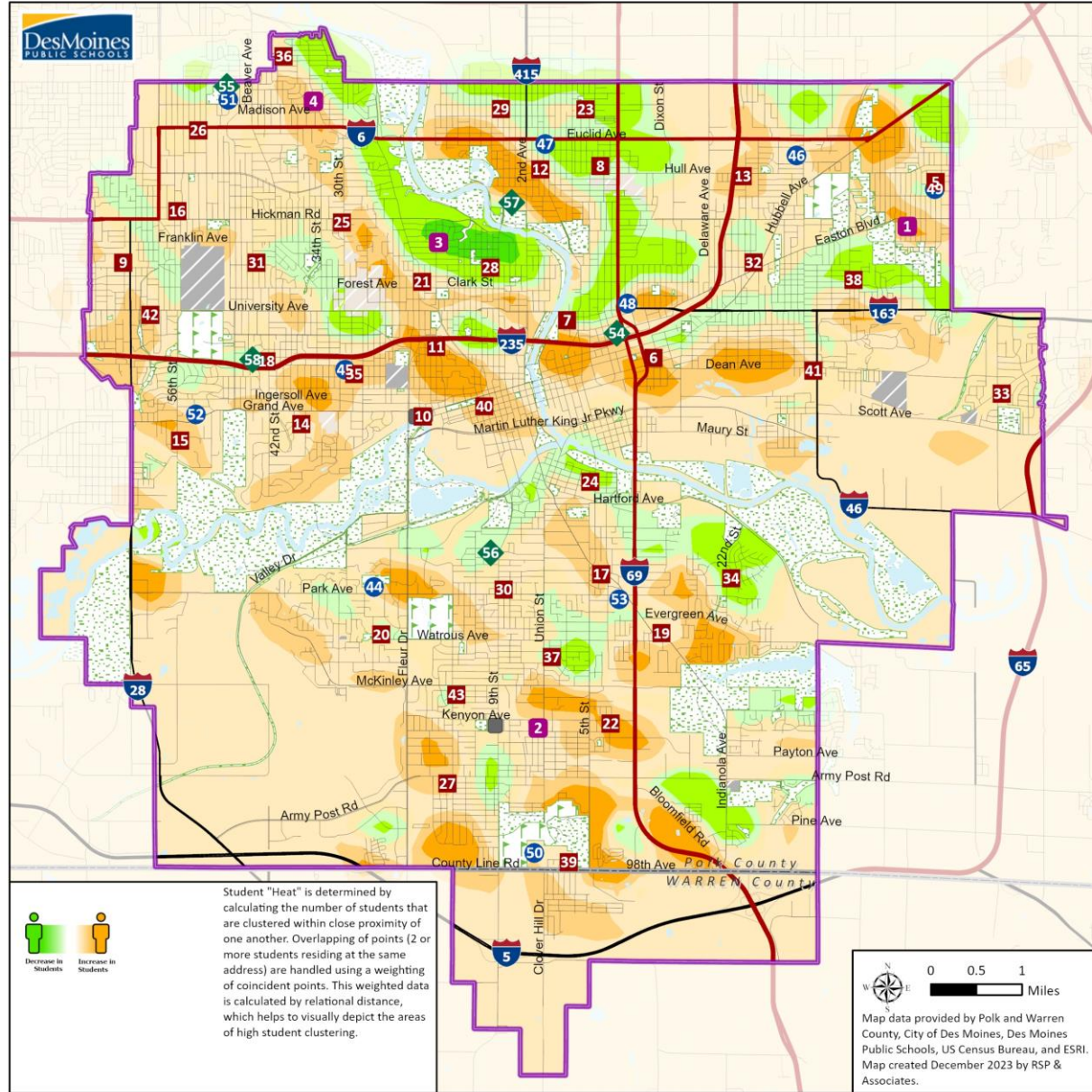
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|--|---|
| <ol style="list-style-type: none"> 5. Brubaker 6. Capitol View 7. Carver 8. Cattell 9. Cowles Mont. 10. Downtown 11. Edmunds 12. Findley 13. Garton 14. Greenwood 15. Hanawalt 16. Hillis 17. Howe 18. Hubbell 19. Jackson 20. Jefferson 21. King 22. Lovejoy 23. Madison | <ol style="list-style-type: none"> 24. McKinley 25. Monroe 26. Moore 27. Morris 28. Moulton 29. Oak Park 30. Park Avenue 31. Perkins 32. Phillips 33. Pleasant Hill 34. River Woods 35. Ruby Van Meter 36. Samuelson 37. South Union 38. Stowe 39. Stuebaker 40. Walnut Street 41. Willard 42. Windsor 43. Wright |
|--|---|

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
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51. Meredith
52. Merrill
53. Weeks

High Schools:

54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Secondary Student Yield Rate: Single-Family

Single-Family Yield Rate Observations

- Table shows the number of MS and HS students per 100 single-family (SF) units by year and by middle and high school boundary
- District sees on average 7 MS students and 10 HS per 100 single-family households
- Hiatt Middle and East High have the largest 2023 SF yield rate
- Adding new housing inventory can increase the yield rate – **There were 2,061 single-family homes built from 2014 to 2023**



Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Brody Middle	6	6	7	7	7	7	7	7	6	6	7	7
Callanan Middle	5	6	6	6	6	6	6	5	5	5	5	6
Goodrell Middle	6	6	7	7	8	8	8	8	7	7	7	7
Harding Middle	8	9	9	9	10	10	10	10	8	8	8	9
Hiatt Middle	12	11	11	12	13	13	13	12	11	10	9	12
Hoyt Middle	8	8	7	8	9	10	10	9	7	7	7	8
McCombs Middle	8	9	9	10	10	10	9	8	8	7	7	9
Meredith Middle	6	5	5	6	6	6	6	6	5	5	5	6
Merrill Middle	6	6	6	7	7	7	7	7	6	6	6	6
Weeks Middle	9	9	10	9	9	9	9	9	8	8	8	9
District (6-8):	7	7	7	8	8	8	8	8	7	7	7	7

Source: RSP & Associates and Des Moines Public Schools

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
East High	11	11	12	13	13	13	12	13	12	13	13	12
Hoover High	7	8	8	8	8	8	8	8	8	8	7	8
Lincoln High	10	10	10	10	10	10	10	11	10	10	10	10
North High	10	10	10	11	11	12	12	12	11	11	11	11
Roosevelt High	8	8	8	8	8	9	9	9	9	8	8	8
District (9-12):	9	9	10	10	10	10	10	11	10	10	10	10

Source: RSP & Associates and Des Moines Public Schools

Table Legend

-  Greater than 3 from District Average
-  Less than 3 from District Average

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Student Yield Rate: Multi-Family

Multi-Family Yield Rate Observations

- Table shows the number of MS and HS students per 100 multi-family (MF) units by year and by middle and high school boundary
- District sees on average 5 MS students and 6 HS students per 100 multi-family households
- Goodrell, McCombs, and Meredith middle schools have the largest 2023 MF yield rate
- North High School has the largest 2023 MF yield rate
- Adding new housing inventory can increase the yield rate – **There was 4,192 multi-family homes built from 2014 to 2023**



Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Brody Middle	4	4	5	5	6	5	5	6	4	4	4	5
Callanan Middle	3	3	2	2	2	2	3	2	2	2	2	2
Goodrell Middle	6	6	6	7	8	7	6	7	8	9	8	7
Harding Middle	0	0	0	0	13	13	38	13	0	0	0	6
Hiatt Middle	8	7	9	7	6	2	3	3	3	4	3	5
Hoyt Middle	5	6	7	9	8	5	6	9	7	5	6	7
McCombs Middle	5	5	6	7	7	7	8	9	8	8	8	7
Meredith Middle	7	6	8	7	6	6	7	6	6	6	8	7
Merrill Middle	3	4	4	4	4	5	5	5	3	3	3	4
Weeks Middle	7	8	8	9	9	9	9	9	8	8	7	8
District (6-8):	5	4	5	5	5	5	5	5	4	4	4	5

Source: RSP & Associates and Des Moines Public Schools

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
East High	10	9	10	10	9	7	6	6	6	6	6	8
Hoover High	8	7	7	9	9	8	9	8	8	7	7	8
Lincoln High	6	6	7	7	7	8	8	8	8	7	9	7
North High	8	7	9	9	7	9	6	8	7	9	10	8
Roosevelt High	3	3	3	4	3	3	4	3	3	3	3	3
District (9-12):	5	5	6	6	6	6	6	6	6	5	6	6

Source: RSP & Associates and Des Moines Public Schools

Table Legend

-  Greater than 3 from District Average
-  Less than 3 from District Average

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Yield Rate Analysis Map

Yield Rate

MAIN TAKEAWAY:

Purple Line: School District Boundary

Red: Areas of highest student yield rate

Blue: Areas of lowest student yield rate

Legend

- District Boundary
- Cemetery
- School Points
- Golf Course
- Early Ed/PK
- Park
- Elementary
- Colleges
- Middle School
- High School
- Alternative

Early Education/PK:

1. McKee
2. Mitchell
3. Jesse Franklin Taylor
4. Woodlawn

Elementary Schools:

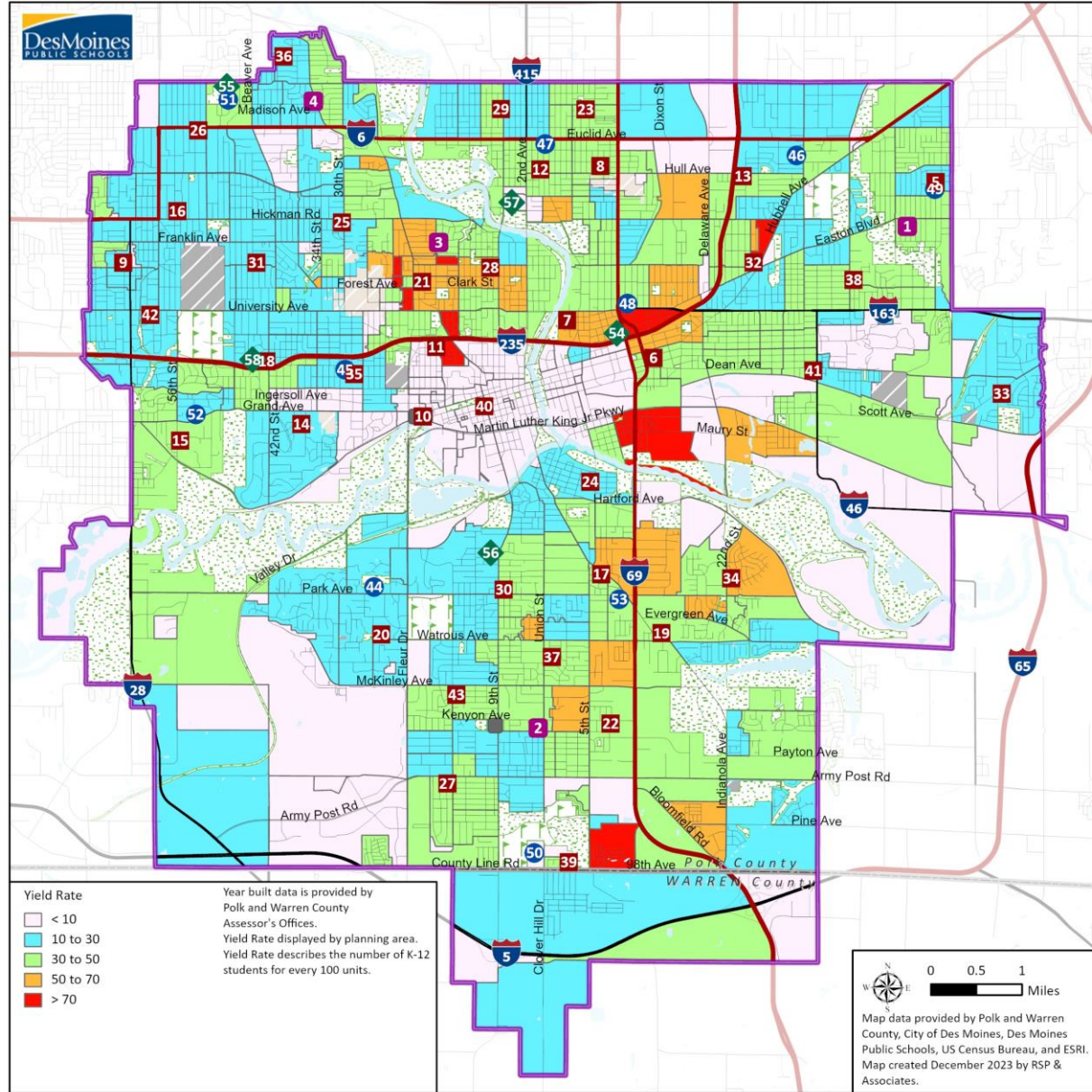
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|--|--|
| <ol style="list-style-type: none"> 5. Brubaker 6. Capitol View 7. Carver 8. Cattell 9. Cowles Mont. 10. Downtown 11. Edmunds 12. Findley 13. Garton 14. Greenwood 15. Hanawalt 16. Hillis 17. Howe 18. Hubbell 19. Jackson 20. Jefferson 21. King 22. Lovejoy 23. Madison | <ol style="list-style-type: none"> 24. McKinley 25. Monroe 26. Moore 27. Morris 28. Moulton 29. Oak Park 30. Park Avenue 31. Perkins 32. Phillips 33. Pleasant Hill 34. River Woods 35. Ruby Van Meter 36. Samuelson 37. South Union 38. Stowe 39. Studebaker 40. Walnut Street 41. Willard 42. Windsor 43. Wright |
|--|--|

Middle Schools:

44. Brody
45. Callanan
46. Goodrell
47. Harding
48. Hiatt
49. Hoyt
50. McCombs
51. Meredith
52. Merrill
53. Weeks

High Schools:

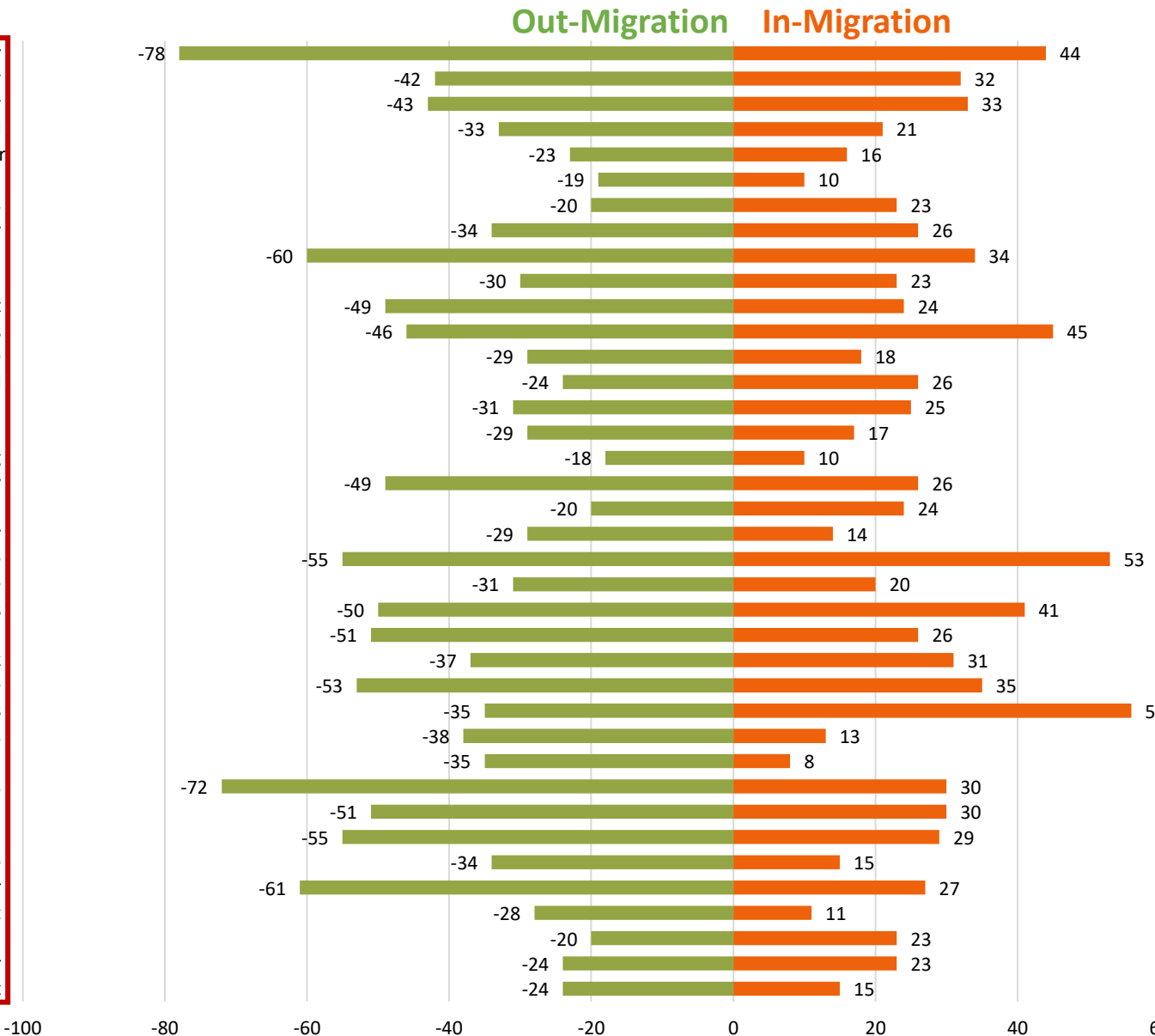
54. East
55. Hoover
56. Lincoln
57. North
58. Roosevelt



Elementary Migration (2021/22 to 2022/23)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

- Brubaker
- Capitol View
- Carver
- Cattell
- Cowles Montessor
- Downtown
- Edmunds
- Findley
- Garton
- Greenwood
- Hanawalt
- Hillis
- Howe
- Hubbell
- Jackson
- Jefferson
- King
- Lovejoy
- Madison
- McKinley
- Monroe
- Moore
- Morris
- Moulton
- Oak Park
- Park Avenue
- Perkins
- Phillips
- Pleasant Hill
- River Woods
- Samuelson
- South Union
- Stowe
- Studebaker
- Walnut Street
- Willard
- Windsor
- Wright



Definition

Out-Migration: Shows number of students in grade K to 4th that were attending the District in 2021/22, but are not attending the District in 2022/23.

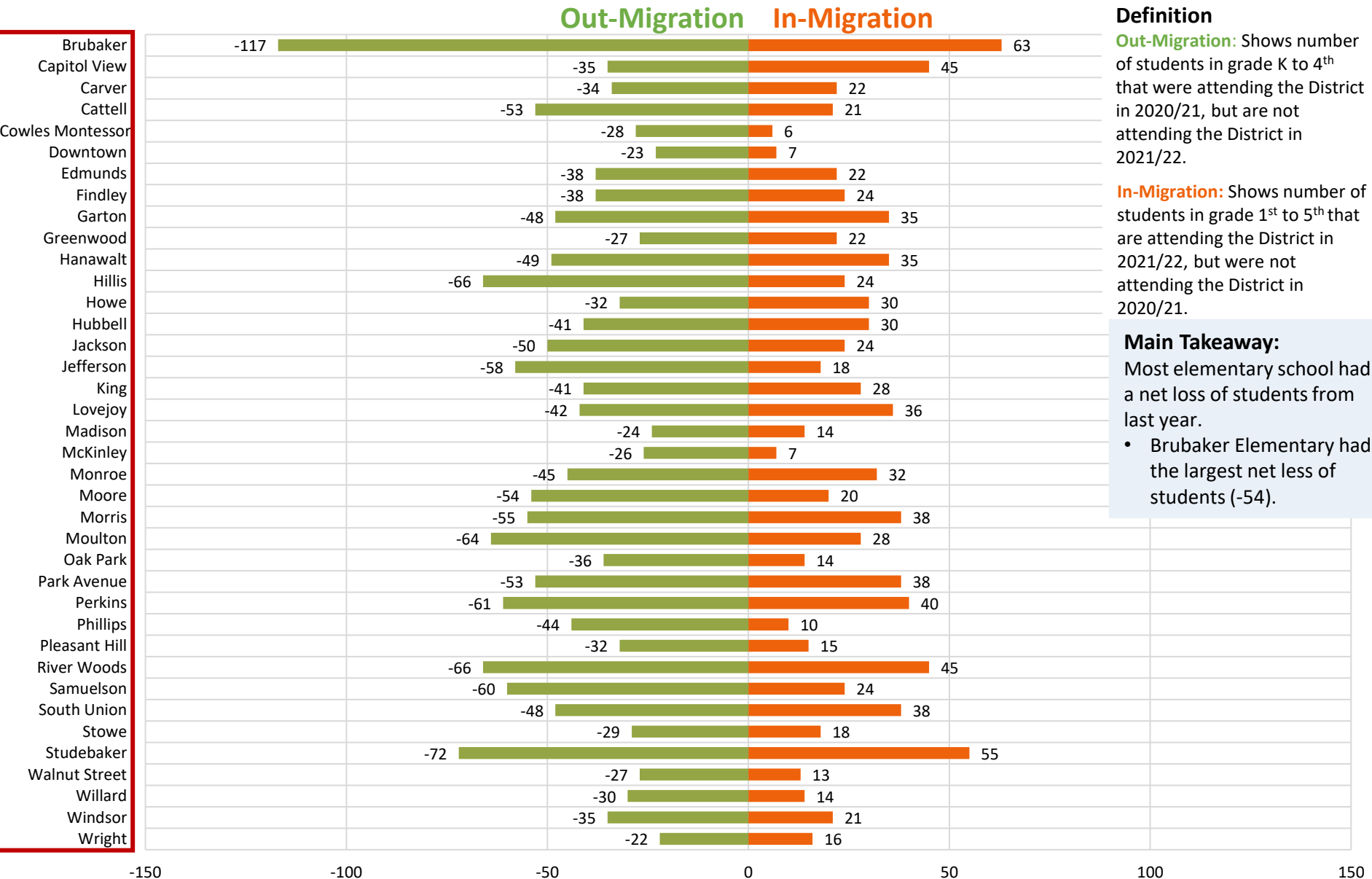
In-Migration: Shows number of students in grade 1st to 5th that are attending the District in 2022/23, but were not attending the District in 2021/22.

Main Takeaway:

- Most elementary school had a net loss of students from last year.
- River Woods Elementary had the largest net loss of students (-42).

Elementary Migration (2020/21 to 2021/22)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students



Definition
Out-Migration: Shows number of students in grade K to 4th that were attending the District in 2020/21, but are not attending the District in 2021/22.

In-Migration: Shows number of students in grade 1st to 5th that are attending the District in 2021/22, but were not attending the District in 2020/21.

Main Takeaway:
 Most elementary school had a net loss of students from last year.
 • Brubaker Elementary had the largest net loss of students (-54).

Source: RSP and Des Moines Public Schools

Secondary Migration (2021/22 to 2022/23)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Out-Migration In-Migration

Definition

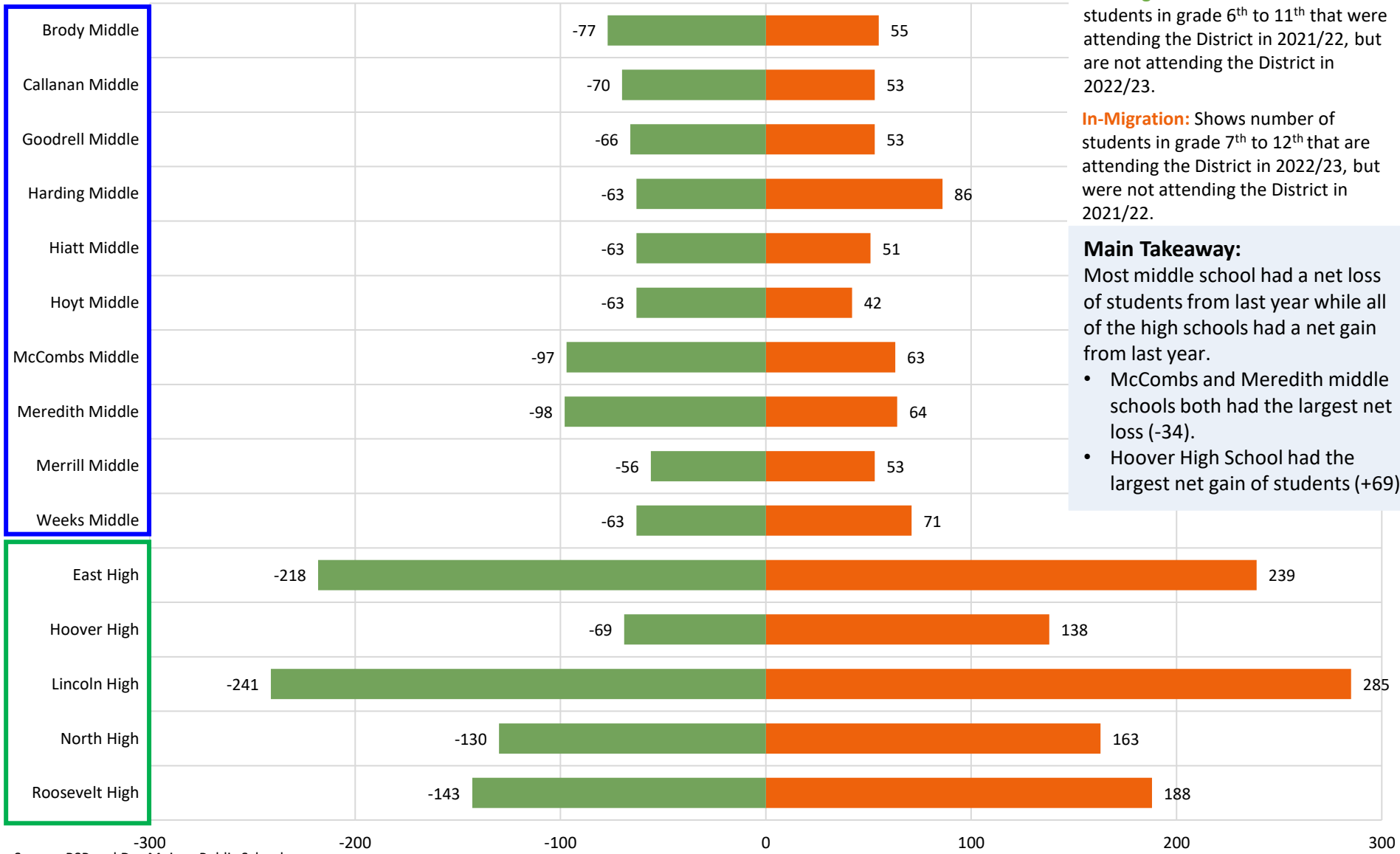
Out-Migration: Shows number of students in grade 6th to 11th that were attending the District in 2021/22, but are not attending the District in 2022/23.

In-Migration: Shows number of students in grade 7th to 12th that are attending the District in 2022/23, but were not attending the District in 2021/22.

Main Takeaway:

Most middle school had a net loss of students from last year while all of the high schools had a net gain from last year.

- McCombs and Meredith middle schools both had the largest net loss (-34).
- Hoover High School had the largest net gain of students (+69)



Source: RSP and Des Moines Public Schools

Secondary Migration (2020/21 to 2021/22)

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students

Out-Migration In-Migration

Definition

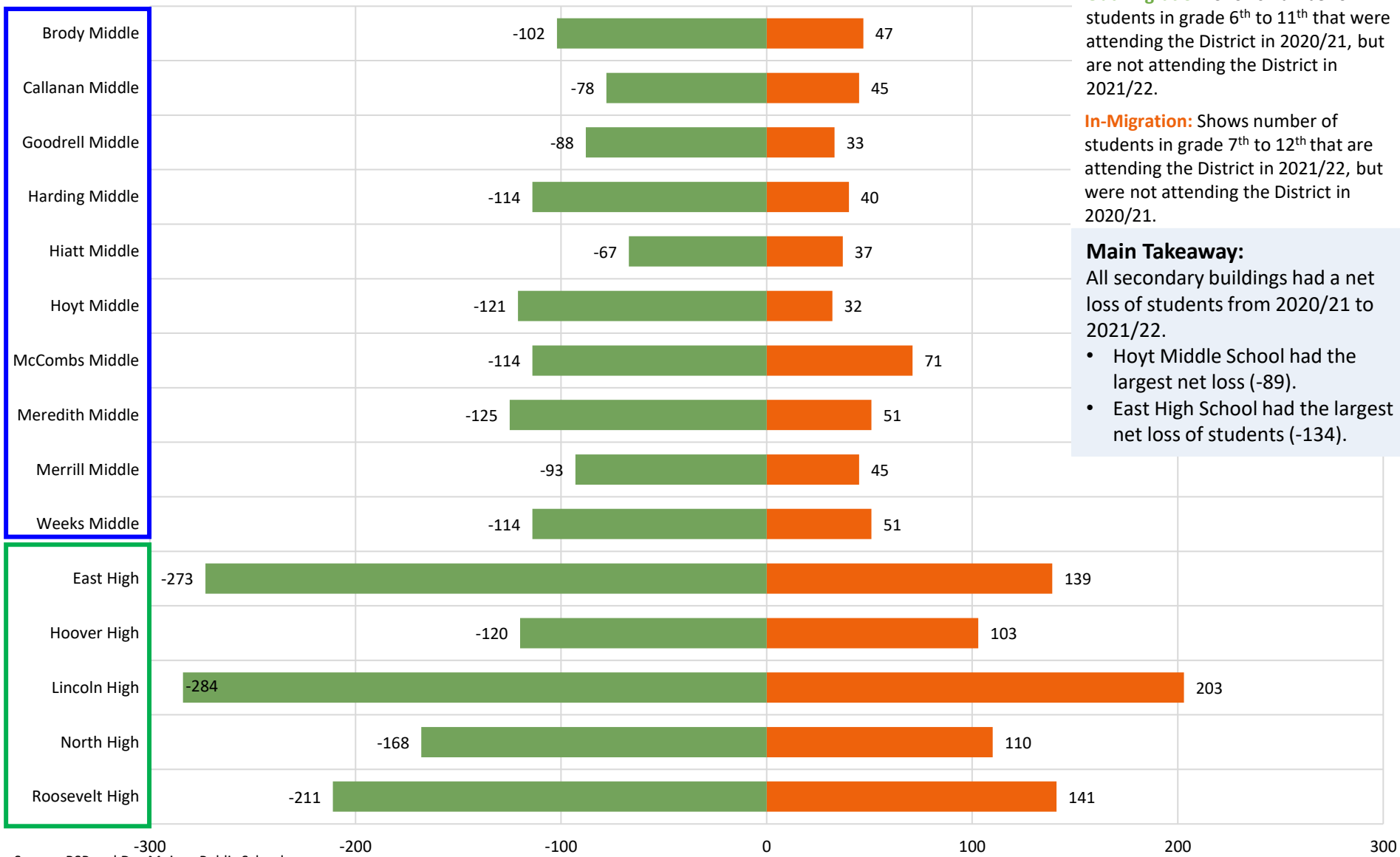
Out-Migration: Shows number of students in grade 6th to 11th that were attending the District in 2020/21, but are not attending the District in 2021/22.

In-Migration: Shows number of students in grade 7th to 12th that are attending the District in 2021/22, but were not attending the District in 2020/21.

Main Takeaway:

All secondary buildings had a net loss of students from 2020/21 to 2021/22.

- Hoyt Middle School had the largest net loss (-89).
- East High School had the largest net loss of students (-134).



Source: RSP and Des Moines Public Schools

Average Student Retention Analysis: 11 years of student data

Average Student Data Retention Analysis

Grade		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
Starting	Ending	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Kdg	11th	-303	-206	-172	-149	-116	-196	-123	-110	-119	-84	-97
1st	12th	-268	-202	-167	-135	-204	-128	-114	-123	-116	-110	-105
2nd	12th	-257	-191	-154	-217	-137	-121	-127	-120	-126	-119	
3rd	12th	-239	-176	-235	-149	-127	-131	-125	-125	-140		
4th	12th	-220	-261	-163	-132	-139	-127	-134	-138			
5th	12th	-307	-182	-142	-148	-138	-135	-143				
6th	12th	-220	-159	-161	-146	-142	-150					
7th	12th	-203	-182	-159	-153	-160						
8th	12th	-221	-176	-171	-173							
9th	12th	-231	-201	-198								
10th	12th	-262	-236									
11th	12th	-295										
All Grade Change		-3,025	-2,172	-1,723	-1,401	-1,162	-987	-766	-616	-501	-312	-202

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2012/13 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2012/13
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2012/13 to 2023/24 the following changes happened:
 - Years 1 through Year 7 there are decreases of 1,000+ year over year

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2012/13 Student Data

2012/13 Student Data Retention Analysis

Grade		2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade Change	Starting Enrollment	Percent Change
Starting	Ending	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24			
Kdg	11th	-355	-219	-175	-127	-101	-164	-104	-85	-161	-89	-97	-1,677	2,874	-58.4%
1st	12th	-288	-203	-151	-145	-149	-90	-99	-111	-164	-120	-105	-1,625	2,695	-60.3%
2nd	12th	-240	-179	-142	-170	-106	-103	-105	-100	-149	-125		-1,419	2,534	-56.0%
3rd	12th	-193	-154	-208	-118	-97	-101	-107	-95	-165			-1,238	2,488	-49.8%
4th	12th	-203	-235	-117	-91	-113	-85	-130	-107				-1,081	2,322	-46.6%
5th	12th	-263	-146	-92	-118	-126	-88	-130					-963	2,292	-42.0%
6th	12th	-187	-131	-122	-107	-121	-134						-802	2,175	-36.9%
7th	12th	-166	-169	-146	-142	-157							-780	2,206	-35.4%
8th	12th	-200	-133	-171	-154								-658	2,110	-31.2%
9th	12th	-199	-185	-186									-570	2,092	-27.2%
10th	12th	-283	-242										-525	2,098	-25.0%
11th	12th	-263											-263	1,978	-13.3%
All Grade Change		-2,840	-1,996	-1,510	-1,172	-970	-765	-675	-498	-639	-334	-202	-11,601	27,864	-41.6%
K-11 Percent Change		-10.2%	-7.2%	-5.4%	-4.2%	-3.5%	-2.7%	-2.4%	-1.8%	-2.3%	-1.2%	-0.7%	-41.6%		
K-11 Enrollment		27,864	27,864	27,864	27,864	27,864	27,864	27,864	27,864	27,864	27,864	27,864			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2012/13 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2012/13
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2012/13 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 1,677 students (58.4%)
 - Kindergarten to 11th grade students decreased by 41.6%
 - Currently there are 2,220 11th graders meaning 1023 (46.1%) of those students were new to the district after 2012/13

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2013/14 Student Data

2013/14 Student Data Retention Analysis

Grade		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade Change	Starting Enrollment	Percent Change
Starting	Ending	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24			
Kdg	10th	-319	-244	-169	-150	-123	-185	-100	-174	-107	-78	-1,649	2,756	-59.8%
1st	11th	-291	-207	-144	-121	-182	-115	-88	-169	-95	-99	-1,511	2,776	-54.4%
2nd	12th	-266	-178	-164	-164	-106	-108	-118	-179	-127	-113	-1,523	2,629	-57.9%
3rd	12th	-232	-171	-195	-116	-111	-112	-105	-158	-131		-1,331	2,500	-53.2%
4th	12th	-197	-231	-137	-105	-110	-115	-101	-177			-1,173	2,477	-47.4%
5th	12th	-283	-138	-101	-123	-90	-133	-112				-980	2,275	-43.1%
6th	12th	-188	-112	-140	-141	-100	-143					-824	2,223	-37.1%
7th	12th	-167	-139	-119	-134	-147						-706	2,154	-32.8%
8th	12th	-210	-165	-158	-179							-712	2,217	-32.1%
9th	12th	-189	-212	-178								-579	2,174	-26.6%
10th	12th	-241	-216									-457	2,071	-22.1%
11th	12th	-311										-311	1,989	-15.6%
All Grade Change		-2,894	-2,013	-1,505	-1,233	-969	-911	-624	-857	-460	-290	-11,756	28,241	-41.6%
K-11 Percent Change		-10.2%	-7.1%	-5.3%	-4.4%	-3.4%	-3.2%	-2.2%	-3.0%	-1.6%	-1.0%	-41.6%		
K-11 Enrollment		28,241	28,241	28,241	28,241	28,241	28,241	28,241	28,241	28,241	28,241			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2013/14 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2013/14
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2013/14 to 2022/23 the following changes happened:
 - The Kindergarten class has decreased by 1,649 students (59.8%)
 - Kindergarten to 11th grade students decreased by 41.6%
 - Currently there are 2,221 10th graders meaning 1,004 (49.7%) of those students were new to the district after 2013/14

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2014/15 Student Data

2014/15 Student Data Retention Analysis

Grade		2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade Change	Starting Enrollment	Percent Change
Starting	Ending	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24			
Kdg	9th	-322	-180	-177	-144	-120	-180	-163	-111	-88	-1,485	2,627	-56.5%
1st	10th	-304	-194	-173	-143	-198	-107	-184	-116	-89	-1,508	2,692	-56.0%
2nd	11th	-268	-164	-141	-204	-123	-92	-186	-101	-102	-1,381	2,705	-51.1%
3rd	12th	-226	-183	-183	-127	-122	-122	-194	-135	-124	-1,416	2,584	-54.8%
4th	12th	-223	-215	-135	-125	-127	-108	-171	-135		-1,239	2,457	-50.4%
5th	12th	-281	-160	-123	-122	-127	-111	-192			-1,116	2,492	-44.8%
6th	12th	-185	-119	-140	-106	-137	-115				-802	2,167	-37.0%
7th	12th	-156	-157	-163	-114	-154					-744	2,207	-33.7%
8th	12th	-186	-145	-152	-167						-650	2,204	-29.5%
9th	12th	-221	-188	-211							-620	2,286	-27.1%
10th	12th	-286	-215								-501	2,202	-22.8%
11th	12th	-283									-283	1,994	-14.2%
All Grade Change		-2,941	-1,920	-1,598	-1,252	-1,108	-835	-1,090	-598	-403	-11,745	28,617	-41.0%
K-11 Percent Change		-10.3%	-6.7%	-5.6%	-4.4%	-3.9%	-2.9%	-3.8%	-2.1%	-1.4%	-41.0%		
K-11 Enrollment		28,617	28,617	28,617	28,617	28,617	28,617	28,617	28,617	28,617			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2014/15 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2014/15
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2014/15 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 1,485 students (56.5%)
 - Kindergarten to 11th grade students decreased by 41.0%
 - Currently there are 2,112 9th graders meaning 970 (45.9%) of those students were new to the district after 2014/15

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2015/16 Student Data

2015/16 Student Data Retention Analysis

Grade		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	8th	-286	-205	-158	-146	-107	-267	-142	-71	-1,382	2,496	-55.4%
1st	9th	-240	-211	-166	-136	-194	-180	-122	-96	-1,345	2,562	-52.5%
2nd	10th	-264	-204	-161	-218	-117	-207	-122	-98	-1,391	2,654	-52.4%
3rd	11th	-217	-172	-229	-139	-98	-200	-110	-111	-1,276	2,660	-48.0%
4th	12th	-237	-212	-143	-131	-128	-215	-147	-134	-1,347	2,576	-52.3%
5th	12th	-267	-157	-140	-140	-117	-188	-143		-1,152	2,420	-47.6%
6th	12th	-198	-134	-139	-144	-117	-202			-934	2,371	-39.4%
7th	12th	-177	-163	-118	-146	-126				-730	2,176	-33.5%
8th	12th	-188	-190	-129	-168					-675	2,222	-30.4%
9th	12th	-196	-185	-190						-571	2,264	-25.2%
10th	12th	-241	-242							-483	2,259	-21.4%
11th	12th	-280								-280	2,080	-13.5%
All Grade Change		-2,791	-2,075	-1,573	-1,368	-1,004	-1,459	-786	-510	-11,566	28,740	-40.2%
K-11 Percent Change		-9.7%	-7.2%	-5.5%	-4.8%	-3.5%	-5.1%	-2.7%	-1.8%	-40.2%		
K-11 Enrollment		28,740	28,740	28,740	28,740	28,740	28,740	28,740	28,740			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2015/16 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2015/16
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2015/16 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 1,382 students (55.4%)
 - Kindergarten to 11th grade students decreased by 40.2%
 - Currently there are 1,953 8th graders meaning 839 (43.0%) of those students were new to the district after 2015/16

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2016/17 Student Data

2016/17 Student Data Retention Analysis

Grade		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	7th	-287	-176	-159	-182	-143	-179	-106	-1,232	2,506	-49.2%
1st	8th	-271	-195	-180	-121	-287	-153	-75	-1,282	2,487	-51.5%
2nd	9th	-266	-202	-163	-212	-204	-131	-105	-1,283	2,585	-49.6%
3rd	10th	-264	-189	-248	-130	-221	-134	-108	-1,294	2,634	-49.1%
4th	11th	-218	-261	-171	-107	-217	-120	-121	-1,215	2,661	-45.7%
5th	12th	-266	-169	-154	-139	-236	-159	-140	-1,263	2,557	-49.4%
6th	12th	-202	-162	-158	-123	-203	-155		-1,003	2,345	-42.8%
7th	12th	-181	-169	-161	-129	-211			-851	2,345	-36.3%
8th	12th	-200	-135	-163	-135				-633	2,171	-29.2%
9th	12th	-251	-163	-204					-618	2,316	-26.7%
10th	12th	-248	-241						-489	2,313	-21.1%
11th	12th	-306							-306	2,166	-14.1%
All Grade Change		-2,960	-2,062	-1,761	-1,278	-1,722	-1,031	-655	-11,469	29,086	-39.4%
K-11 Percent Change		-10.2%	-7.1%	-6.1%	-4.4%	-5.9%	-3.5%	-2.3%	-39.4%		
K-11 Enrollment		29,086	29,086	29,086	29,086	29,086	29,086	29,086			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2016/17 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2016/17
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2016/17 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 1,232 students (49.2%)
 - Kindergarten to 11th grade students decreased by 39.4%
 - Currently there are 2,023 7th graders meaning 749 (37.0%) of those students were new to the district after 2016/17

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2017/18 Student Data

2017/18 Student Data Retention Analysis

Grade		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	6th	-306	-202	-197	-171	-110	-198	-1,184	2,516	-47.1%
1st	7th	-236	-186	-204	-169	-200	-121	-1,116	2,480	-45.0%
2nd	8th	-246	-204	-151	-312	-167	-86	-1,166	2,465	-47.3%
3rd	9th	-255	-186	-241	-232	-143	-118	-1,175	2,547	-46.1%
4th	10th	-239	-292	-146	-234	-151	-119	-1,181	2,594	-45.5%
5th	11th	-312	-195	-121	-235	-135	-129	-1,127	2,641	-42.7%
6th	12th	-211	-182	-149	-254	-175	-149	-1,120	2,482	-45.1%
7th	12th	-206	-188	-136	-223	-167		-920	2,331	-39.5%
8th	12th	-208	-186	-142	-226			-762	2,333	-32.7%
9th	12th	-196	-191	-163				-550	2,228	-24.7%
10th	12th	-227	-244					-471	2,327	-20.2%
11th	12th	-291						-291	2,230	-13.0%
All Grade Change		-2,933	-2,256	-1,650	-2,056	-1,248	-920	-11,063	29,174	-37.9%
K-11 Percent Change		-10.1%	-7.7%	-5.7%	-7.0%	-4.3%	-3.2%	-37.9%		
K-11 Enrollment		29,174	29,174	29,174	29,174	29,174	29,174			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2017/18 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2017/18
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2017/18 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 1,184 students (47.1%)
 - Kindergarten to 11th grade students decreased by 37.9%
 - Currently there are 1,954 6th graders meaning 622 (31.8%) of those students were new to the district after 2017/18

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2018/19 Student Data

2018/19 Student Data Retention Analysis

Grade		2018/19	2019/20	2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2019/20	2020/21	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	5th	-273	-224	-196	-140	-111	-944	2,462	-38.3%
1st	6th	-257	-220	-195	-126	-216	-1,014	2,423	-41.8%
2nd	7th	-235	-230	-183	-219	-135	-1,002	2,442	-41.0%
3rd	8th	-253	-172	-329	-180	-94	-1,028	2,402	-42.8%
4th	9th	-236	-267	-262	-152	-127	-1,044	2,485	-42.0%
5th	10th	-352	-167	-258	-163	-132	-1,072	2,558	-41.9%
6th	11th	-233	-133	-260	-150	-138	-914	2,491	-36.7%
7th	12th	-228	-167	-275	-189	-159	-1,018	2,447	-41.6%
8th	12th	-226	-156	-249	-181		-812	2,287	-35.5%
9th	12th	-245	-168	-265			-678	2,356	-28.8%
10th	12th	-238	-203				-441	2,213	-19.9%
11th	12th	-317					-317	2,283	-13.9%
All Grade Change		-3,093	-2,107	-2,472	-1,500	-1,112	-10,284	28,849	-35.6%
K-11 Percent Change		-10.7%	-7.3%	-8.6%	-5.2%	-3.9%	-35.6%		
K-11 Enrollment		28,849	28,849	28,849	28,849	28,849			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2018/19 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2018/19
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2018/19 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 944 students (38.3%)
 - Kindergarten to 11th grade students decreased by 35.6%
 - Currently there are 2,147 5th graders meaning 629 (29.3%) of those students were new to the district after 2018/19

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2019/20 Student Data

2019/20 Student Data Retention Analysis

Grade		2019/20	2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2020/21	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	4th	-350	-221	-159	-129	-859	2,508	-34.3%
1st	5th	-289	-222	-154	-122	-787	2,417	-32.6%
2nd	6th	-284	-224	-151	-235	-894	2,404	-37.2%
3rd	7th	-293	-212	-239	-148	-892	2,401	-37.2%
4th	8th	-223	-361	-201	-112	-897	2,340	-38.3%
5th	9th	-323	-299	-165	-147	-934	2,450	-38.1%
6th	10th	-216	-291	-185	-139	-831	2,390	-34.8%
7th	11th	-181	-301	-161	-150	-793	2,448	-32.4%
8th	12th	-201	-303	-215	-170	-889	2,374	-37.4%
9th	12th	-214	-294	-207		-715	2,302	-31.1%
10th	12th	-217	-303			-520	2,291	-22.7%
11th	12th	-253				-253	2,113	-12.0%
All Grade Change		-3,044	-3,031	-1,837	-1,352	-9,264	28,438	-32.6%
K-11 Percent Change		-10.7%	-10.7%	-6.5%	-4.8%	-32.6%		
K-11 Enrollment		28,438	28,438	28,438	28,438			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2019/20 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2019/20
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2010/20 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 859 students (34.3%)
 - Kindergarten to 11th grade students decreased by 32.6%
 - Currently there are 2,220 4th graders meaning 571 (25.7%) of those students were new to the district after 2019/20

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2020/21 Student Data

2020/21 Student Data Retention Analysis

Grade		2020/21	2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2021/22	2022/23	2023/24	Change	Enrollment	Change
Kdg	3rd	-298	-180	-160	-638	2,190	-29.1%
1st	4th	-267	-185	-139	-591	2,335	-25.3%
2nd	5th	-264	-170	-131	-565	2,266	-24.9%
3rd	6th	-269	-171	-246	-686	2,264	-30.3%
4th	7th	-246	-260	-155	-661	2,252	-29.4%
5th	8th	-400	-217	-123	-740	2,238	-33.1%
6th	9th	-341	-184	-154	-679	2,254	-30.1%
7th	10th	-349	-203	-148	-700	2,326	-30.1%
8th	11th	-345	-178	-163	-686	2,383	-28.8%
9th	12th	-358	-236	-178	-772	2,344	-32.9%
10th	12th	-350	-239		-589	2,229	-26.4%
11th	12th	-356			-356	2,212	-16.1%
All Grade Change		-3,843	-2,223	-1,597	-7,663	27,293	-28.1%
K-11 Percent Change		-14.1%	-8.1%	-5.9%	-28.1%		
K-11 Enrollment		27,293	27,293	27,293			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2020/21 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2020/21
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2020/21 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 638 students (29.1%)
 - Kindergarten to 11th grade students decreased by 28.1%
 - Currently there are 2,083 3rd graders meaning 531 (25.5%) of those students were new to the district after 2020/21

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2021/22 Student Data

2021/22 Student Data Retention Analysis

Grade		2021/22	2022/23	Grade	Starting	Percent
Starting	Ending	2022/23	2023/24	Change	Enrollment	Change
Kdg	2nd	-274	-208	-482	2,365	-20.4%
1st	3rd	-247	-201	-448	2,169	-20.7%
2nd	4th	-242	-159	-401	2,277	-17.6%
3rd	5th	-219	-146	-365	2,190	-16.7%
4th	6th	-209	-273	-482	2,155	-22.4%
5th	7th	-312	-170	-482	2,178	-22.1%
6th	8th	-255	-138	-393	1,980	-19.8%
7th	9th	-224	-168	-392	2,065	-19.0%
8th	10th	-248	-168	-416	2,145	-19.4%
9th	11th	-233	-188	-421	2,240	-18.8%
10th	12th	-283	-214	-497	2,155	-23.1%
11th	12th	-294		-294	2,038	-14.4%
All Grade Change		-3,040	-2,033	-5,073	25,957	-19.5%
K-11 Percent Change		-11.7%	-7.8%	-19.5%		
K-11 Enrollment		25,957	25,957			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2021/22 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2021/22
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2021/22 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 482 students (20.4%)
 - Kindergarten to 11th grade students decreased by 19.5%
 - Currently there are 2,263 2nd graders meaning 380 (16.8%) of those students were new to the district after 2021/22

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Student Retention Analysis: 2022/23 Student Data

2022/23 Student Data Retention Analysis

Grade		2022/23	Grade	Starting	Percent
Starting	Ending	2023/24	Change	Enrollment	Change
Kdg	1st	-261	-261	2,326	-11.2%
1st	2nd	-259	-259	2,315	-11.2%
2nd	3rd	-254	-254	2,133	-11.9%
3rd	4th	-212	-212	2,262	-9.4%
4th	5th	-184	-184	2,139	-8.6%
5th	6th	-320	-320	2,108	-15.2%
6th	7th	-202	-202	2,035	-9.9%
7th	8th	-197	-197	1,941	-10.1%
8th	9th	-216	-216	2,055	-10.5%
9th	10th	-234	-234	2,192	-10.7%
10th	11th	-269	-269	2,262	-11.9%
11th	12th	-288	-288	2,116	-13.6%
All Grade Change		-2,896	-2,896	25,884	-11.2%
K-11 Percent Change		-11.2%	-11.2%		
K-11 Enrollment		25,884			

Source: Des Moines Public School Student Data and RSP

Understanding the Data in the Table:

- Table represents the 2021/22 student data (Earliest provided by district)
- Illustrates the student change by year for the students who were attending in 2022/23
- See Legend Color Code for grade change
- Starting and ending year is key to see how each grade retained enrollment year to year

MAIN TAKEAWAY:

- From 2022/23 to 2023/24 the following changes happened:
 - The Kindergarten class has decreased by 261 students (11.2%)
 - Currently there are 2,302 1st graders meaning 237 (10.3%) of those students were new to the district after 2022/23

LEGEND		
	From	To
	Kdg	1st
	1st	2nd
	2nd	3rd
	3rd	4th
	4th	5th
	5th	6th
	6th	7th
	7th	8th
	8th	9th
	9th	10th
	10th	11th
	11th	12th

Student data does not include alternative students, specialized programming, homeschool, preschool partner schools, or virtual campus students.

Definitions

- Cohort: a group of individuals having a statistical factor (such as grade level) in common in a demographic study
- Out-migration: shows number of students in grade Kindergarten to 11th that are attending the district in the previous year, but were not attending the district in the current year
- In-migration: shows number of students in grade 1st to 12th that are attending the district in the current year, but were not attending the district in the previous year
- Yield-rate: ratio of students that attend each school to the number of housing units in that school's attendance area
- Single-family: a house that is may be fully detached or semi-detached occupied by one household or family
- Multi-family: a classification of housing where multiple separate housing units for residential inhabitants are contained within one building or several buildings within one complex
- Town Homes: Side by side housing units that do not meet the definition of single-family houses
- Mobile Home Park: movable dwelling, 8 feet or more wide and 40 feet or more long, designed to be towed on its own chassis, with transportation gear integral to the unit when it leaves the factory, and without need of a permanent foundation.
- Vacant Land: means any undeveloped land/ erf within a proclaimed township or a land development area and will continue to be rated as vacant until such time as a certificate of occupancy
- Mixed-use development: development that blends two or more residential, commercial, cultural, institutional, and/or industrial uses
- Median Year Built: equal to the middle point of all reported years when each dwelling unit was built based on information from the local assessor's office
- Median Home Value: equal to the middle point of all reported home values from the assessor's office in the district