



Planning for the Future

Ankeny Facility Master Plan

January 4th, 2022



**The Ankeny Community School District
engages **all students** in an **educational
experience** that equips them with the
skills to **flourish in and contribute to** an
ever-changing world.**

Meeting Agenda

- Welcome and Introduction – 15 minutes**
- Survey Results Recap, Activity 1 – 15 minutes**
- Enrollment Analysis Recap, Activity 2 – 15 minutes**
- Solution Discussion, Activity 3 – 40 minutes**
- Next Steps – 5 minutes**

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 Planning Team:

Robert Schwarz, AICP, CEFP

Military, County, City, and School District Planner

University of Kansas – Master of Urban Planning (MUP)

American Institute of Certified Planners (AICP)

Certified Educational Facility Planner (CEFP)

David Wilkerson

Retired Superintendent of Waukee Community School District

RSP Recent Projects:

Cedar Rapids Community School District

- Facility Master Plan, 2016/17

Urbandale Community School District

- Boundary Analysis, 2021/22
- Enrollment Analysis, 2021/22

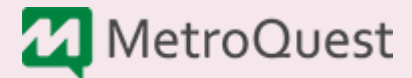
Hutchinson Public Schools

- Facility Master Plan, 2020/21
- Enrollment Analysis, 2020/21

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

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

Our Partners:



Committee Introduction Activity

Let's get to know each other!

Round Robin – please share:

1. Your name
2. Why you are participating in the committee
3. If you have a child in ACSD, where do they attend school?



Please Note: The information presented at committee meetings is not top secret but sensitive in nature.

Please be respectful.

Poll Everywhere Directions

Step 1: Enter the Poll Platform by text messaging

- To: Number, 22333
- Text message body: RSPMEETING
- You should receive an automatic message that says you have accessed the poll

NOTE: Do not click the link in the response – you will answer the poll through text messages.

Step 2: Answer the Question

- Respond through the text message thread by replying A, B, C...
- Each text message can have ONE option
- If you need to clear your answers and restart the question, text CLEAR



A Process with the End in Sight

The Ankeny Community School District engages **all students** in an **educational experience** that equips them with the skills to **flourish in and contribute to** an ever-changing world.



FMP Process Details

4 BOE Meetings

7 Committee Meetings

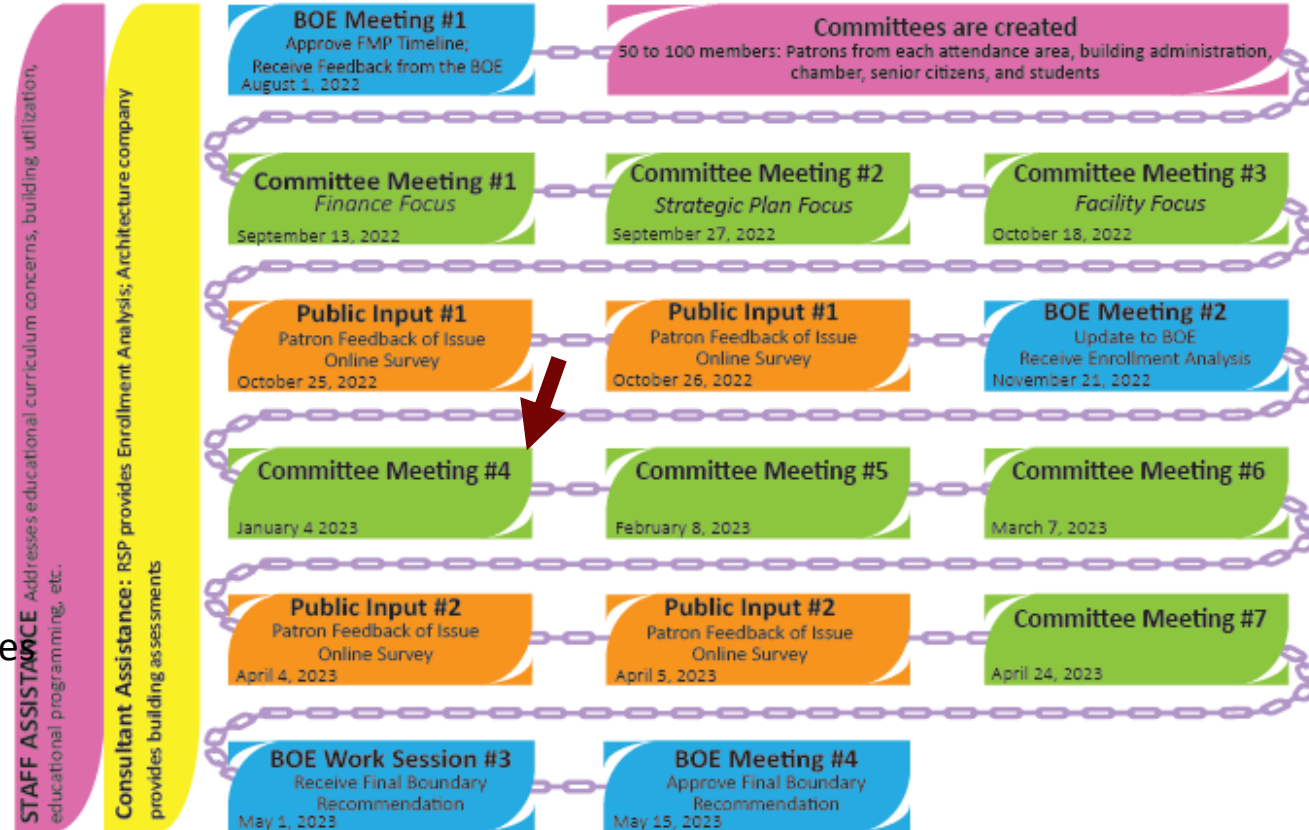
- September 13th
- September 27th
- October 18th
- January 4th
- February 8th
- March 7th
- April 24th

4 Public Input Opportunities

Begins: **August 2022**

Completed: **May 2023**

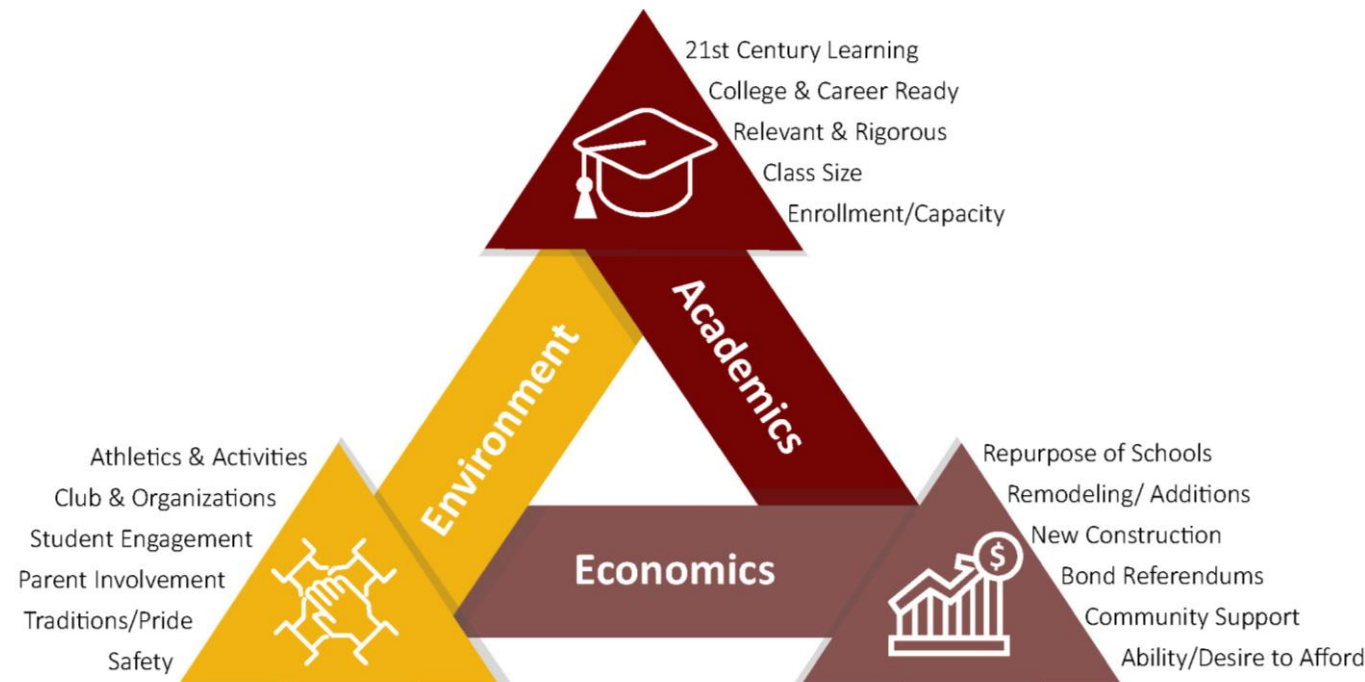
PHASE 1: Committee Work



Academics, Environment, and Economics

Digging Deeper:

- Relationship between all three triangles and the impact they have on each other
- It is a framework that starts the larger facility master plan discussion
- Not focused on a physical building or space
- Provides balance and prevents tunnel vision
- Keeps everyone focused on what is important: **Students, Staff, Families, & Community**



Committee Focus

How can we help Ankeny Community School District achieve...



Grade Configuration

Determine the grade-level configuration that best supports student learning and maximizes the efficient use of current and future facilities



Current Facility Assessment

Determine what renovations to current facilities and what construction of new facilities is needed to meet these objectives



Boundary Realignment

Develop new boundaries for the opening of the new elementary in 2024 that center student access, achievement, and well-being, community input, responsible use of resources, geography, and intra-district balance between schools and feeder systems



Future Facility Locations

Determine the facilities and land needed to support the academic programs and opportunities identified in the strategic plan including multidisciplinary learning and student exploration of postsecondary pathways

While always keeping in mind...



Student Success Measures



Financial Responsibility

Source: <https://www.ankenyschools.org/>

Ground Rules



FACILITATOR WILL LEAD

Facilitator will lead meeting and provide opportunities for discussion



BE AN ACTIVE LISTENER

Provide complete thoughts, have no personal agenda



COME PREPARED

Come prepared for the discussion



REMAIN ENGAGED

Actively participate during the meeting

STAY OPEN MINDED



BE TIMELY
Make your points concisely,
allow others a chance



REMAIN THOUGHTFUL AND
RESPECTFUL



USE PARKING LOT
Place to save questions
for future discussion



Belief Statement Recap

Committee Finance Belief Statements:

- *The district is responsible for being good stewards of the community's educational investment by making financial decisions which enable educators to create adaptive learning environments for students who will need to meet the challenges of the rapidly changing world into the future.*
- *The district is responsible for using the multiple financial resources available efficiently and ethically while creating an environment that evolves and supports innovative learning and keeps its community informed throughout the process as partners.*

Committee Academic Belief Statements:

- *The district is responsible for creating multiple learning environments that are innovative, flexible & adaptable to allow for ever-changing post-graduate & career paths. The district must meet the social & emotional needs of all students- cultivating a culture to promote safety. Where students thrive and all stakeholders are involved.*
- *The district will prepare students for diverse post-secondary opportunities, by providing innovative learning techniques & strategic partnerships.*

Committee Facility Belief Statements... to be finalized!

Survey Results

Survey Responses Demographics

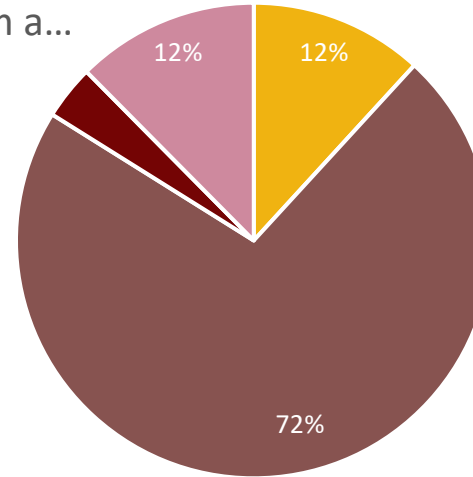
Main Takeaway

- 833 Total Responses in English
- 2 Total Responses in Spanish

Participants were not required to answer all of the questions. Total responses per question will differ.

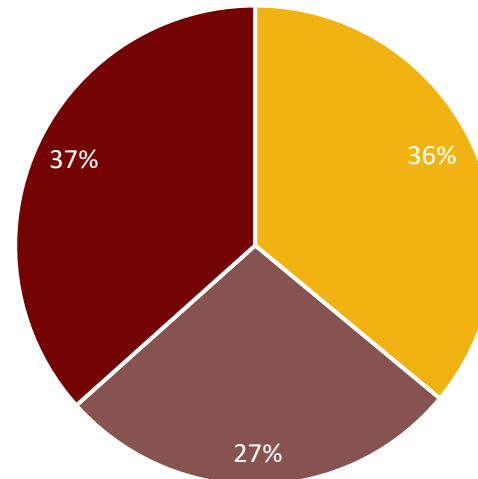
Questions that were answered in comment format and general comments will be provided in a separate document.

I am a...



- Staff/Administrator
- Parent
- Community Member
- Combination of Roles

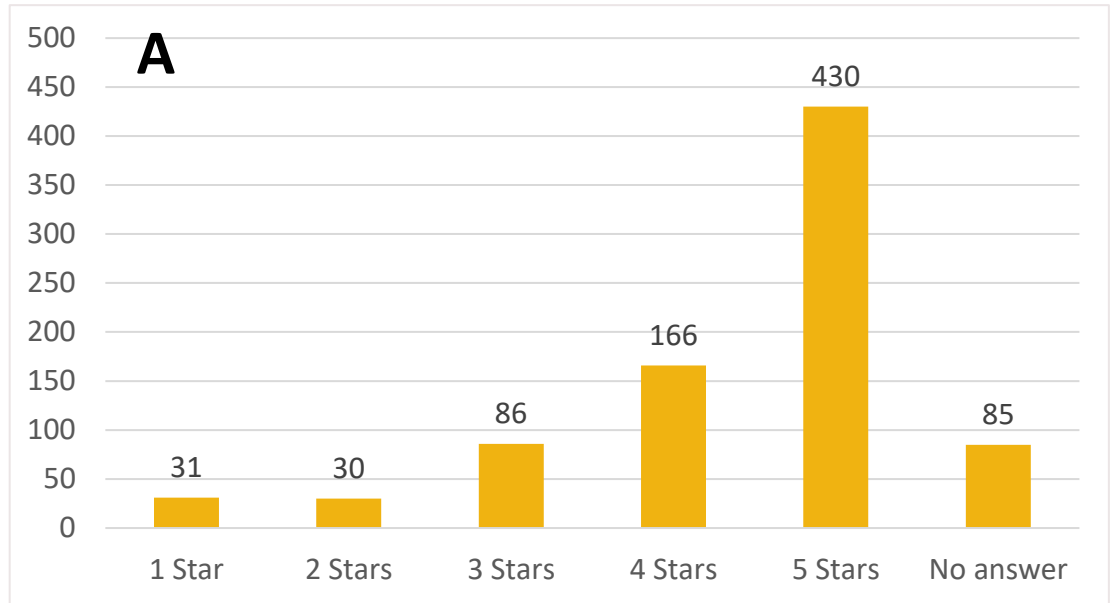
What high school boundary do you live in?



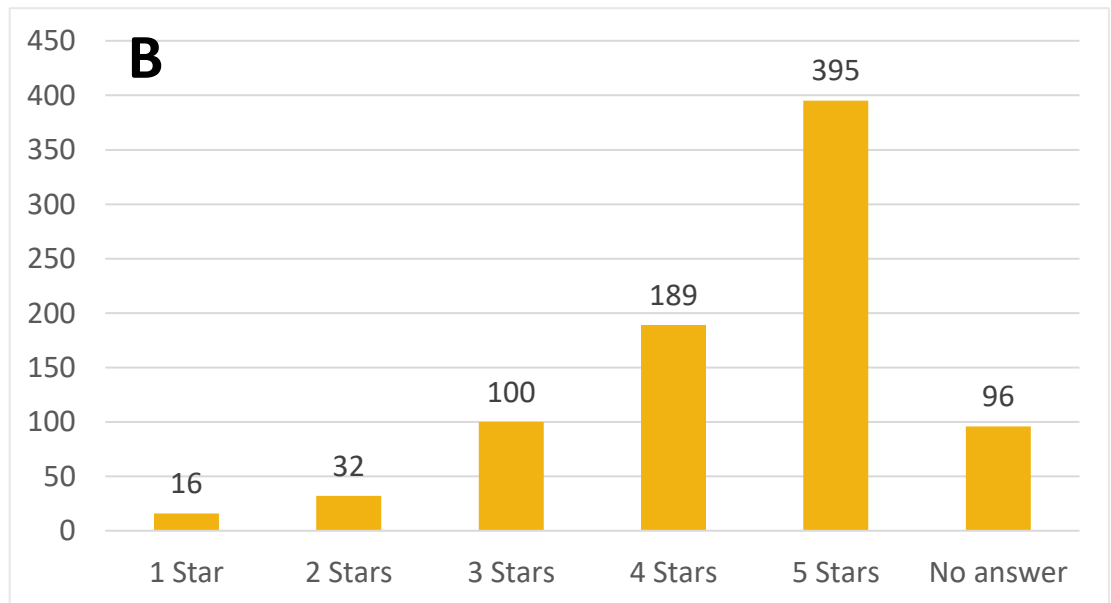
- Ankeny High
- Ankeny Centennial High
- No Answer

Finance Belief Statements

Statement A: The district is responsible for being good stewards of the community's educational investment by making financial decisions which enable educators to create adaptive learning environments for students who will need to meet the challenges of the rapidly changing world into the future.



Statement B: The district is responsible for using the multiple financial resources available efficiently and ethically while creating an environment that evolves and supports innovative learning and keeps its community informed throughout the process as partners.

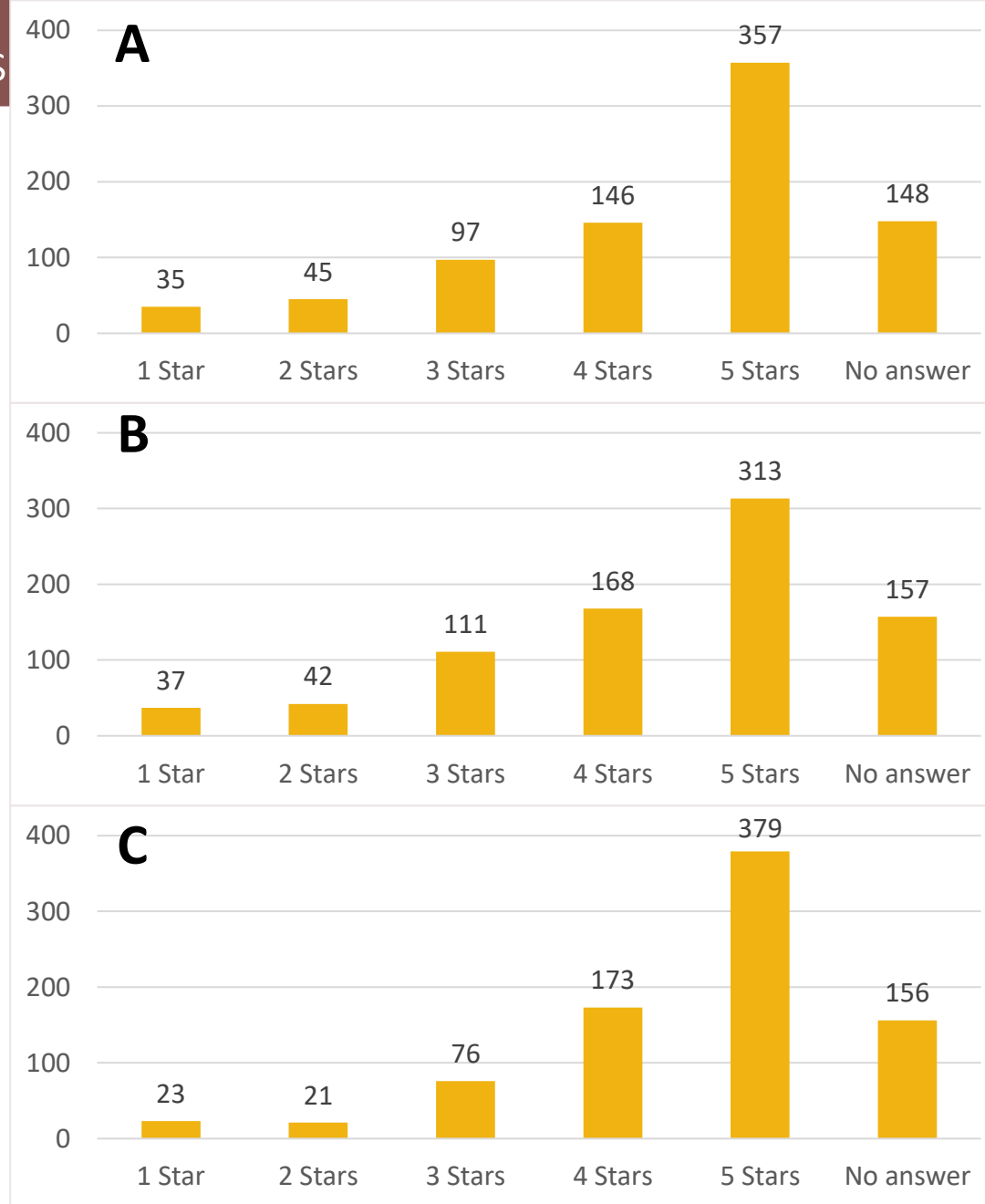


Academic Belief Statements

Statement A: The district is responsible for creating multiple learning environments that are innovative, flexible, and adaptable to allow for ever-changing post-graduate and career paths. The district must meet the social and emotional needs of all students -- cultivating a culture to promote safety where students thrive and all stakeholders are involved.

Statement B: The district will prepare students for diverse post-secondary opportunities by providing innovative learning techniques and strategic partnerships.

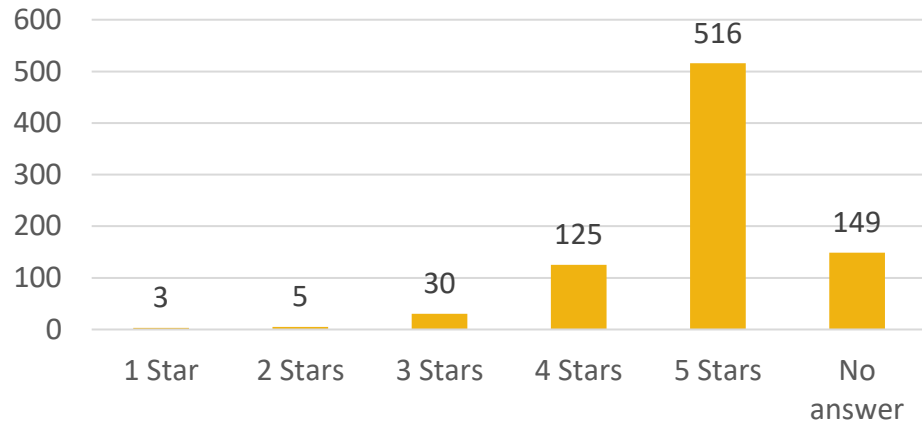
Statement C: The district will create lifelong learners by fostering innovation and technology, adapting environments to match individual needs of every learner, collaborating with stakeholders, and building/sustaining a culture of teaching excellence.



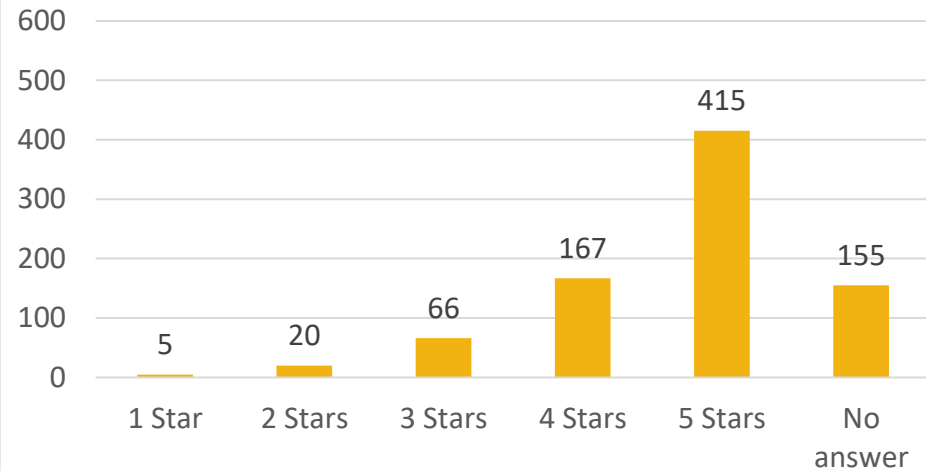
Facility Belief Statements (Considerations)

The district should consider...

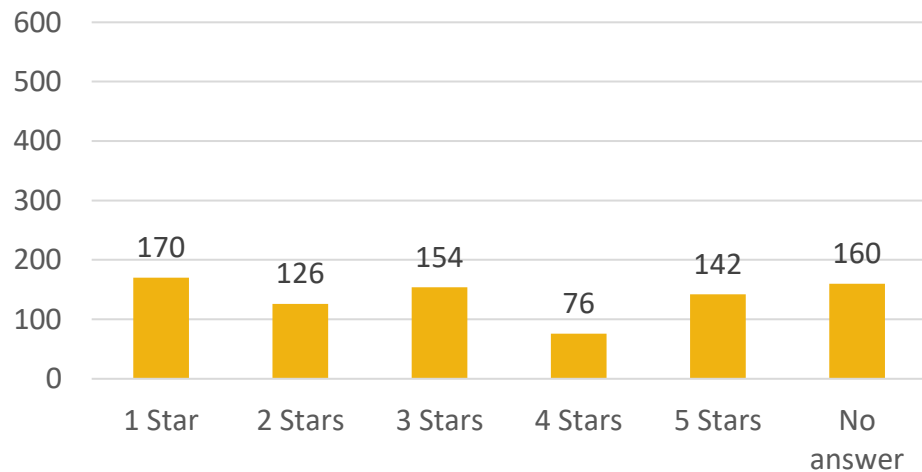
Students per classroom, flexible learning space, and available resources



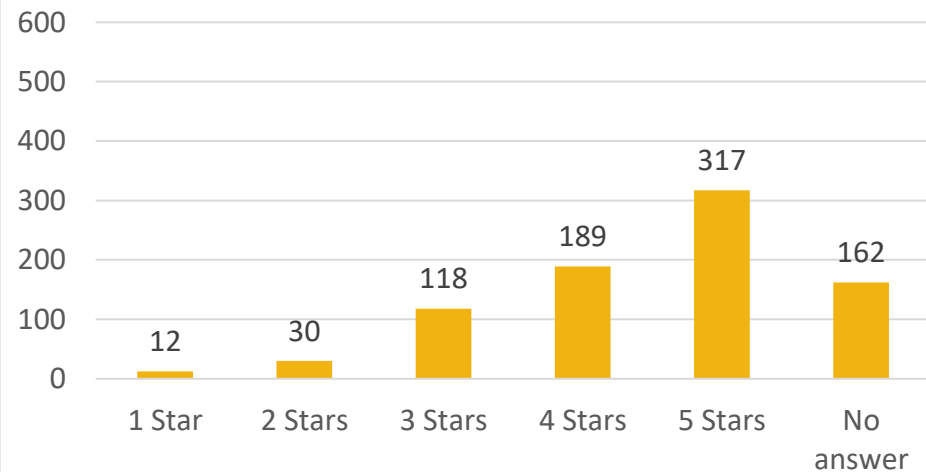
Student learning and safety



Reducing transitions for grade levels



Efficient use of current facilities and resources



Facility Master Plan Main Takeaways

- The public survey confirms and validates the belief statements the committee has created
- All belief statements received majority 5-star ratings
- The public survey indicates the committee should consider these factors (in order) when creating Facility Belief Statements:
 1. Students per classroom, flexible learning space, and available resources
77% of responses 4 stars or better (62% 5 Stars, 15% 4 Stars)
 2. Student learning and safety
70% of responses 4 stars or better (50% 5 Stars, 20% 4 Stars)
 3. Efficient use of current facilities and resources
61% of responses 4 stars or better (38% 5 Stars, 23% 4 Stars)
 4. Reducing transitions for grade levels
26% of responses 4 stars or better (17% 5 Stars, 9% 4 Stars)

Drafted Facility Belief Statements from Meeting 2

- ❑ District must cultivate flexible spaces that can evolve, both in need and over time, with minimal student transitions and a core sense of community
- ❑ The district is responsible to provide facilities that are able to maintain optimal class sizes and educational opportunities while limiting transitions
- ❑ The district is committed to ensuring all facilities are inviting, safe & equitable, will utilize space to ensure ideal class size & develop sustainable, long-term boundaries.
- ❑ Grades configuration should maximize the academic success and emotional readiness for the next building transition
- ❑ Every student should be allowed an appropriate amount of space based off grade level.
- ❑ Creating an environment where we have a resource & infrastructure to ensure all students have a similar experience
- ❑ Creating boundaries that are flexible to enable the maximum amount of space for students with the understanding that schools will maintain a feeder system while allowing for changes in the demographics of neighborhoods
- ❑ The district is responsible for *limiting class sizes to align with current studies' best practices. *Limiting the number of building-to-building transitions. *Creating contiguous "neighborhood" boundary lines.... That are well thought out and planned with future growth and population expansion in mind.
- ❑ The district must provide innovative facilities that can be configured to promote optimal learning and academic programming.
- ❑ Facilities- Consider efficiencies for space and sustainability. For example: Maximizing the use if classroom space sharing resources and support modes of learning. -Change grade configurations to support and improve academic outcomes.
- ❑ Continue to strategically grow partnerships within the community through DMAAC & private partnerships
- ❑ District is responsible for evaluating current facilities, appropriate school size and grade configurations ensuring efficient and valuable use of space and dollars to ensure an optimal learning environment.
- ❑ The district is responsible for providing safe and modern facilities w/ minimal transitions to maximize student experience while leveraging our existing footprint. 1.) The district is responsible for providing equitable facility infrastructure, flexible learning environments, and state-of-the-art safety upgrades. 2.) K-5: 650-700; Big enough to maintain full-time specials- small enough to not become a number. 3.) 6-8 & 9-12: Diversity of learning environments & more shared space. 4.) Proposing a K-5|6-8|9-12 configuration for minimum transitions between grade levels.

Drafted at Meeting #3, October 18, 2022

Activity 1: Finalize Facility Belief Statements

ACTIVITY: Finalize Facility Belief Statements – 1 per table

- Use the draft of statements from last meeting and survey responses to create a finalized statement.
- Group report out
- Vote on best two statements

Make sure your goals are **SMART**:



S

Specific Is the goal specific and focused?

M

Measurable What evidence and data will be used to track success?

A

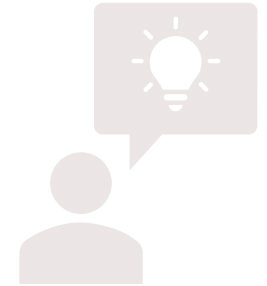
Achievable Can we realistically achieve the goal within the timeframe?

R

Relevant Does the goal align with the values and long-term objectives?

T

Timely Is the timeframe realistic? What is the end-date?



Enrollment Analysis

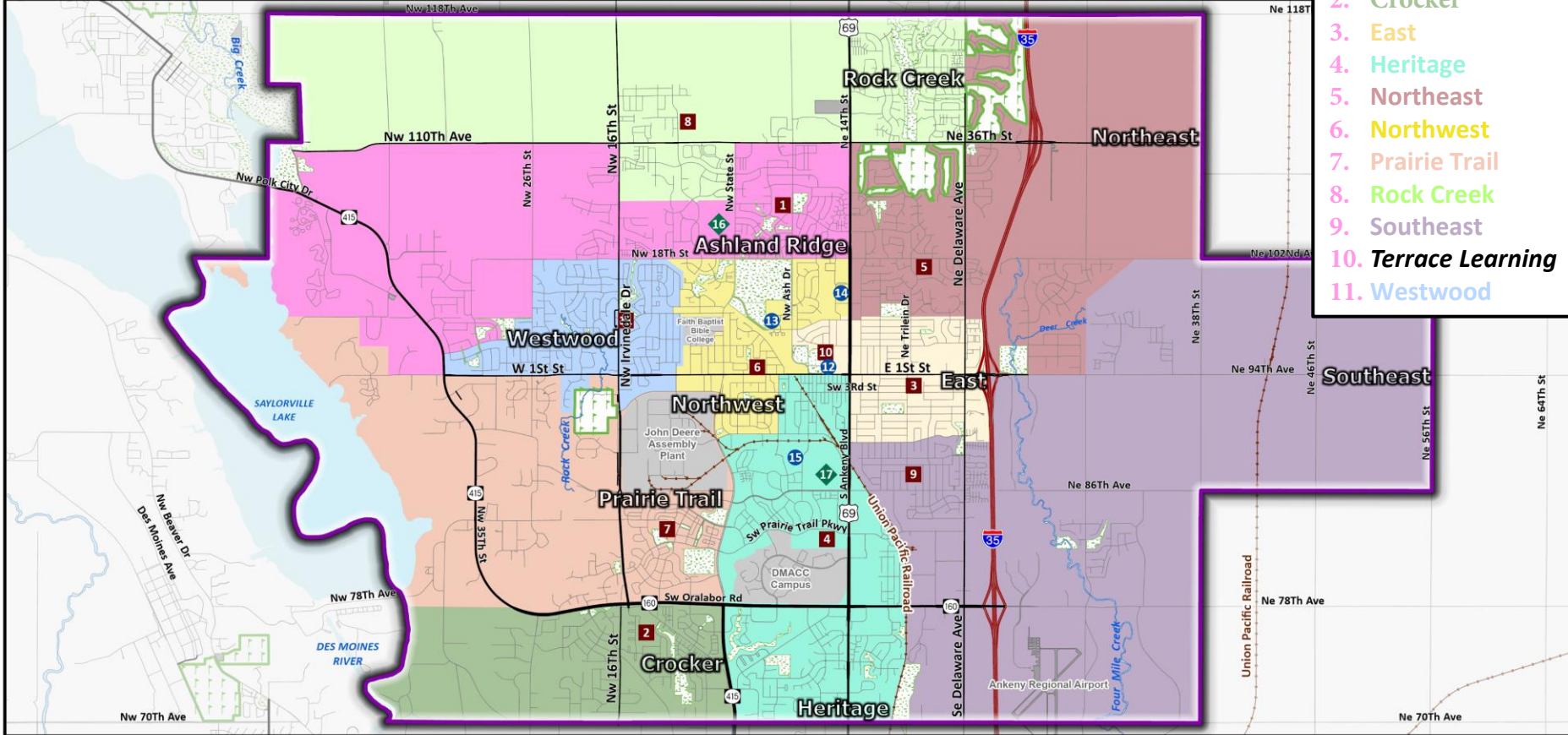
Elementary Boundary



Elementary School Attendance Areas

Map Details

1. Ashland Ridge
2. Crocker
3. East
4. Heritage
5. Northeast
6. Northwest
7. Prairie Trail
8. Rock Creek
9. Southeast
10. Terrace Learning
11. Westwood



- List of Schools**
- | | | |
|-----------------------------|-----------------------------|--------------------------|
| 1. Ashland Ridge Elementary | 6. Northwest Elementary | 12. Parkview Middle |
| 2. Crocker Elementary | 7. Prairie Trail Elementary | 13. Prairie Ridge Middle |
| 3. East Elementary | 8. Rock Creek Elementary | 14. Northview Middle |
| 4. Heritage Elementary | 9. Southeast Elementary | 15. Southview Middle |
| 5. Northeast Elementary | 10. Terrace Learning Center | 16. Ankeny Centennial HS |
| | 11. Westwood Elementary | 17. Ankeny High School |

- District Boundary
- Elementary Schools
- Middle Schools
- High Schools
- Golf Course
- Park/Open Space
- Cultural Features

Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created November 2022 by RSP & Associates.

District Boundary

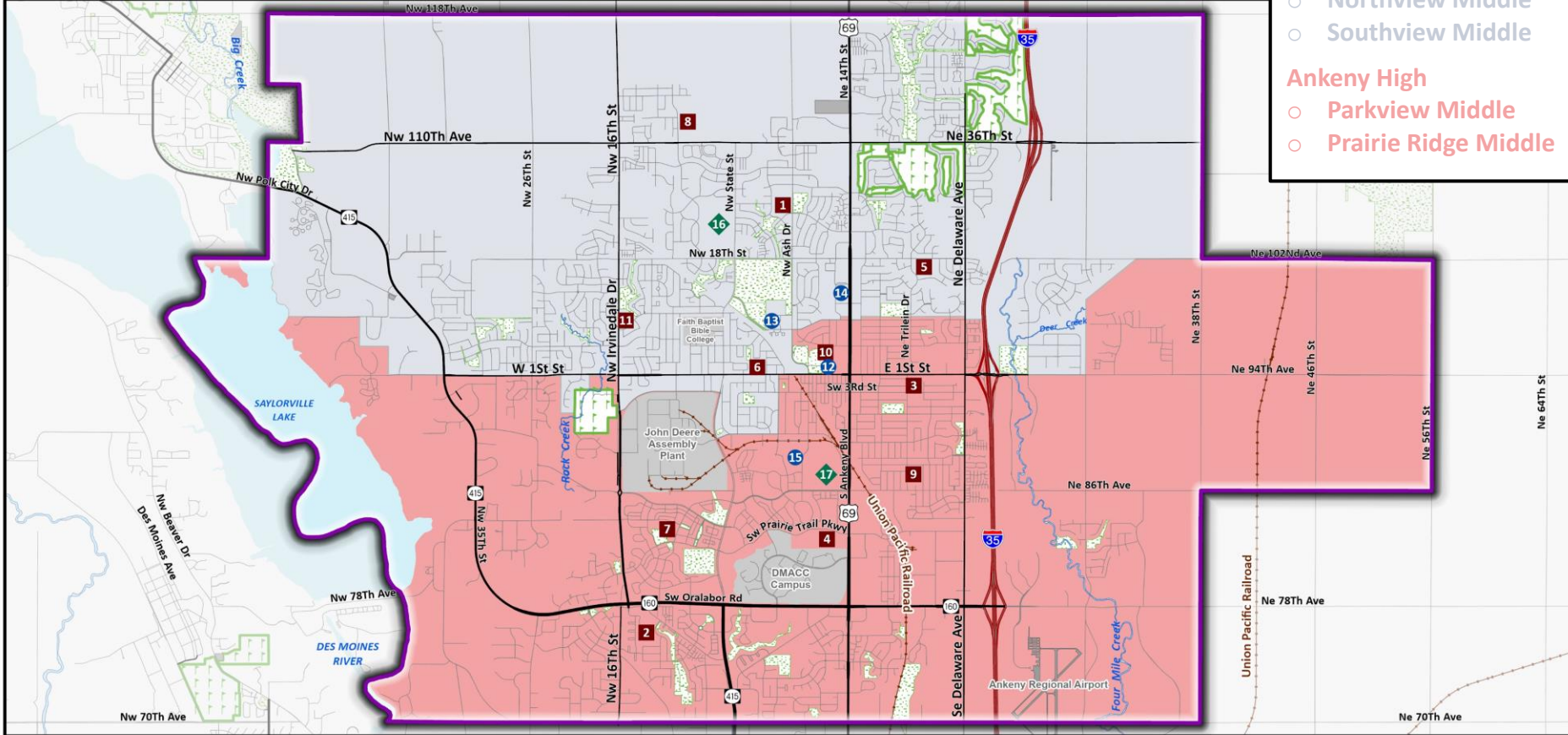


Secondary Attendance Areas

Map Details

- Ankeny Centennial High
- Northview Middle
- Southview Middle

- Ankeny High
- Parkview Middle
- Prairie Ridge Middle



- List of Schools**
- | | | |
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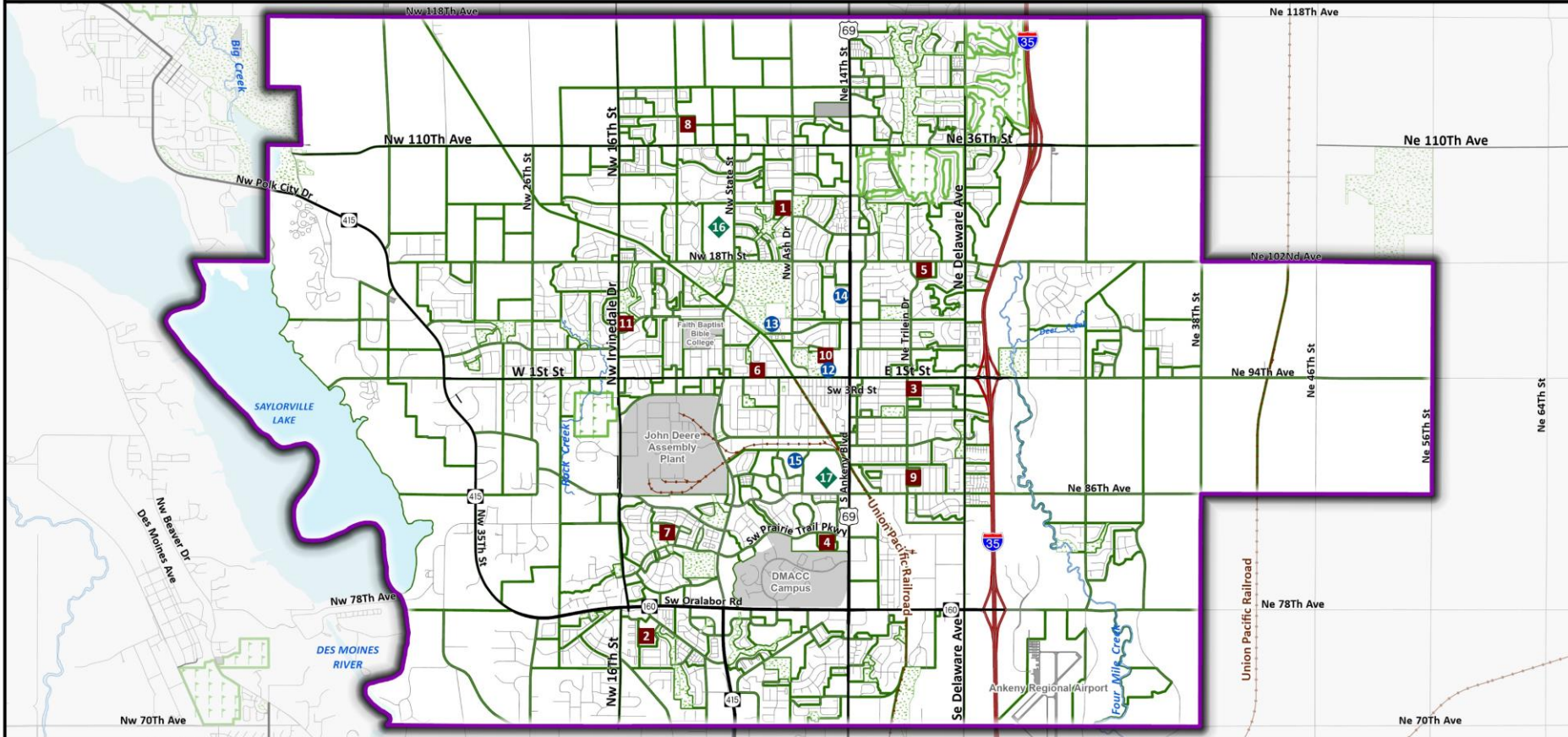
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Planning Areas



Planning Areas



List of Schools

- | | | |
|-----------------------------|-----------------------------|----------------------------|
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| 5. Northeast Elementary | 11. Westwood Elementary | 17. Ankeny High |
| 6. Northwest Elementary | 12. Parkview Middle | |

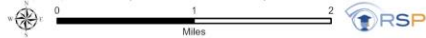
Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created November 2022 by RSP & Associates.



- District Boundary
- Elementary Schools
- Middle Schools
- High Schools

- Golf Course
- Park/Open Space
- Cultural Features

- Planning Area



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.

Each variable is analyzed as an indicator of the future student population:

-  Indicator of Student Growth
-  Indicator of Student Loss





Birth Rate Information

Polk County Iowa Live Births and Ankeny Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2005	6,567			2010/11	775	11.8%
2006	6,911	344	5.2%	2011/12	843	12.2%
2007	6,915	4	0.1%	2012/13	839	12.1%
2008	6,723	-192	-2.8%	2013/14	899	13.4%
2009	6,690	-33	-0.5%	2014/15	887	13.3%
2010	6,521	-169	-2.5%	2015/16	908	13.9%
2011	6,498	-23	-0.4%	2016/17	905	13.9%
2012	6,729	231	3.6%	2017/18	932	13.9%
2013	6,767	38	0.6%	2018/19	954	14.1%
2014	6,946	179	2.6%	2019/20	1,009	14.5%
2015	7,022	76	1.1%	2020/21	915	13.0%
2016	6,910	-112	-1.6%	2021/22	983	14.2%
2017	6,925	15	0.2%	2022/23	922	13.3%
2018	6,641	-284	-4.1%	2023/24	806	965
2019	6,545	-96	-1.4%	2024/25	794	951
2020	6,274	-271	-4.1%	2025/26	761	911
2021	6,472	198	3.2%	2026/27	785	940
3-Year Average	6,430.3	-56.3				
3-Year Weighted Average	6,418.2	-7.3				

Source: Iowa Department of Public Health (IDPH) and Ankeny Community School District

 Low Range
 High Range

Live Birth Observations

- Tracks the number of Polk County live births and the number of kindergarten students five years later
- The number of live births have been decreasing since the peak in 2015
- 3-year average of 56 less live births per year
- Kindergarten enrollment peaked in 2019/20
- The kindergarten classes moving forward are forecasted to be
 - Low End: 785 to 806 student
 - High End: 911 to 965 students



Main Takeaway: The decline of live births in the county can potentially result in smaller kindergarten classes.

Past Enrollment by Grade



Enrollment By Grade

Year	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change	% Change
2000/01	454	464	442	438	428	473	452	436	381	402	445	403	392	5,610		
2001/02	486	454	461	450	439	432	470	456	449	384	415	433	389	5,718	108	1.9%
2002/03	501	504	484	476	458	460	445	494	473	455	395	405	394	5,944	226	4.0%
2003/04	522	537	525	497	502	482	468	458	499	480	473	401	399	6,243	299	5.0%
2004/05	572	558	541	542	506	525	495	486	473	504	499	472	388	6,561	318	5.1%
2005/06	583	602	596	573	569	532	545	514	495	492	494	514	469	6,978	417	6.4%
2006/07	665	605	617	622	577	578	533	534	523	497	487	477	491	7,206	228	3.3%
2007/08	718	689	627	628	626	591	595	538	539	543	499	485	477	7,555	349	4.8%
2008/09	726	690	702	644	650	629	604	607	550	550	528	496	479	7,855	300	4.0%
2009/10	772	721	717	704	659	646	654	613	621	552	550	523	507	8,239	384	4.9%
2010/11	775	771	737	733	709	664	638	665	608	609	538	541	537	8,525	286	3.5%
2011/12	843	774	784	742	737	710	667	646	668	602	613	533	560	8,879	354	4.2%
2012/13	839	840	802	796	750	765	718	675	656	661	597	599	574	9,272	393	4.4%
2013/14	899	849	850	825	808	772	785	719	689	664	653	610	650	9,773	501	5.4%
2014/15	887	898	872	857	844	815	801	806	743	706	670	668	652	10,219	446	4.6%
2015/16	908	881	934	875	878	867	864	812	810	756	713	688	698	10,684	465	4.6%
2016/17	905	903	883	945	885	889	895	872	826	823	766	719	736	11,047	363	3.4%
2017/18	932	935	916	898	964	900	905	907	875	847	809	759	733	11,380	333	3.0%
2018/19	954	961	960	930	918	982	912	917	909	890	848	815	795	11,791	411	3.6%
2019/20	1,009	957	952	964	920	925	997	901	915	918	899	859	849	12,065	274	2.3%
2020/21	915	940	904	892	940	894	910	976	891	904	907	872	889	11,834	-231	-1.9%
2021/22	983	942	977	930	919	952	945	949	999	914	921	919	903	12,253	419	3.5%
2022/23	922	987	956	1,003	942	937	950	939	952	1,008	919	900	962	12,377	124	1.0%

Source: Iowa Department of Education (2000/01 to 2004/05) & Ankeny School District (2005/06 to 2022/23)

Observations:

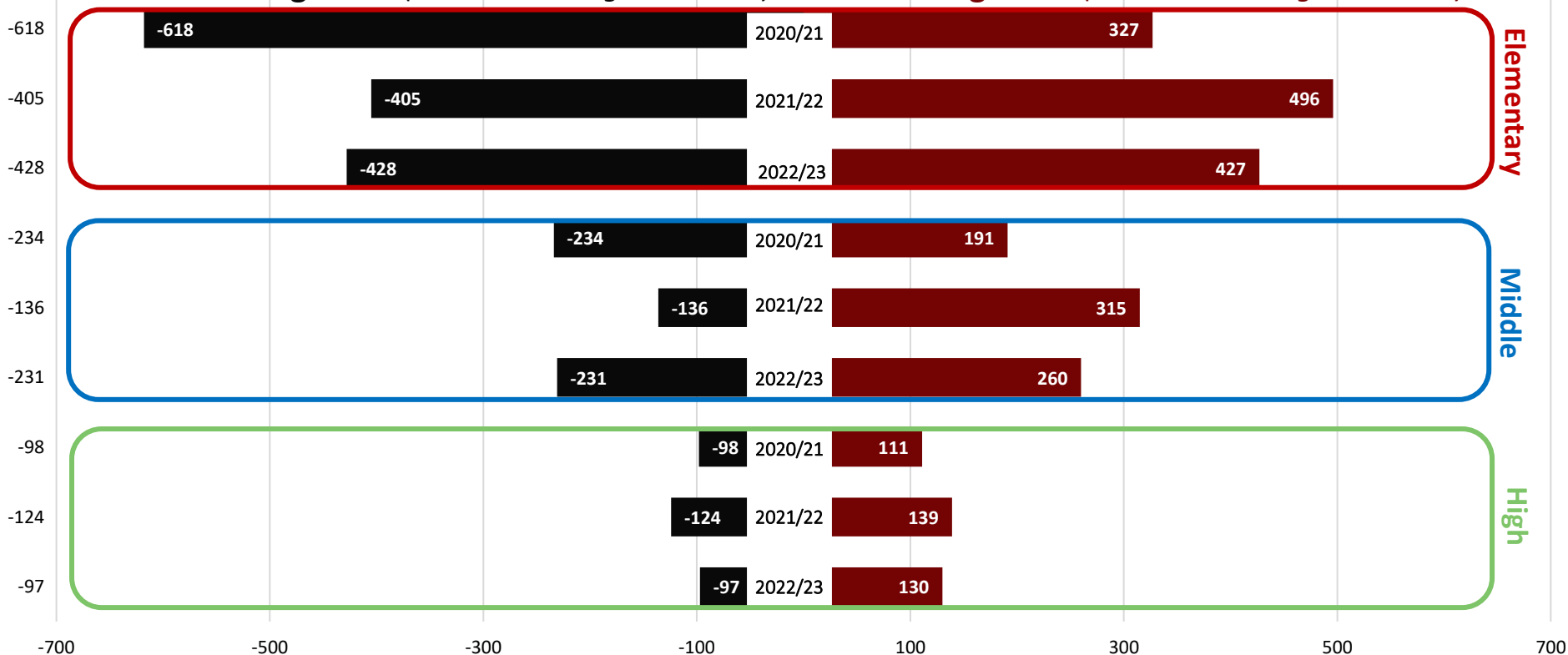
- Largest K-12 class in 2022/23 – 9th grade with 1,008 students
- Smallest K-12 class in 2022/23 – 11th grade with 900 students
- Graduating senior class is smaller than the incoming Kindergarten class which will increase total enrollment
- Largest historical percent increase was from 2004/05 to 2005/06 with increase of 6.4%
- Largest total enrollment since 2000/01 is this year with 12,377 students (2022/23)
- 2022/23 has the largest grades in: 1st, 3rd, 9th, and 12th grade

3-Year Student Migration Trend



Out-Migration (students leaving the district)

In-Migration (students entering the district)



Source: Polk County, ACSD, and ESRI

Definition

Out-Migration: Shows number of students in grade K 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 1st to 12th that are attending the District in 2022/23, but were not attending the District in 2021/22.

Observations

- 2020/21 lost 950 students and gained 629 students; **NET: -321**
- 2021/22 lost 665 students and gained 950 students; **NET: +285**
- 2022/23 lost 756 students and gained 817 students; **NET +61**

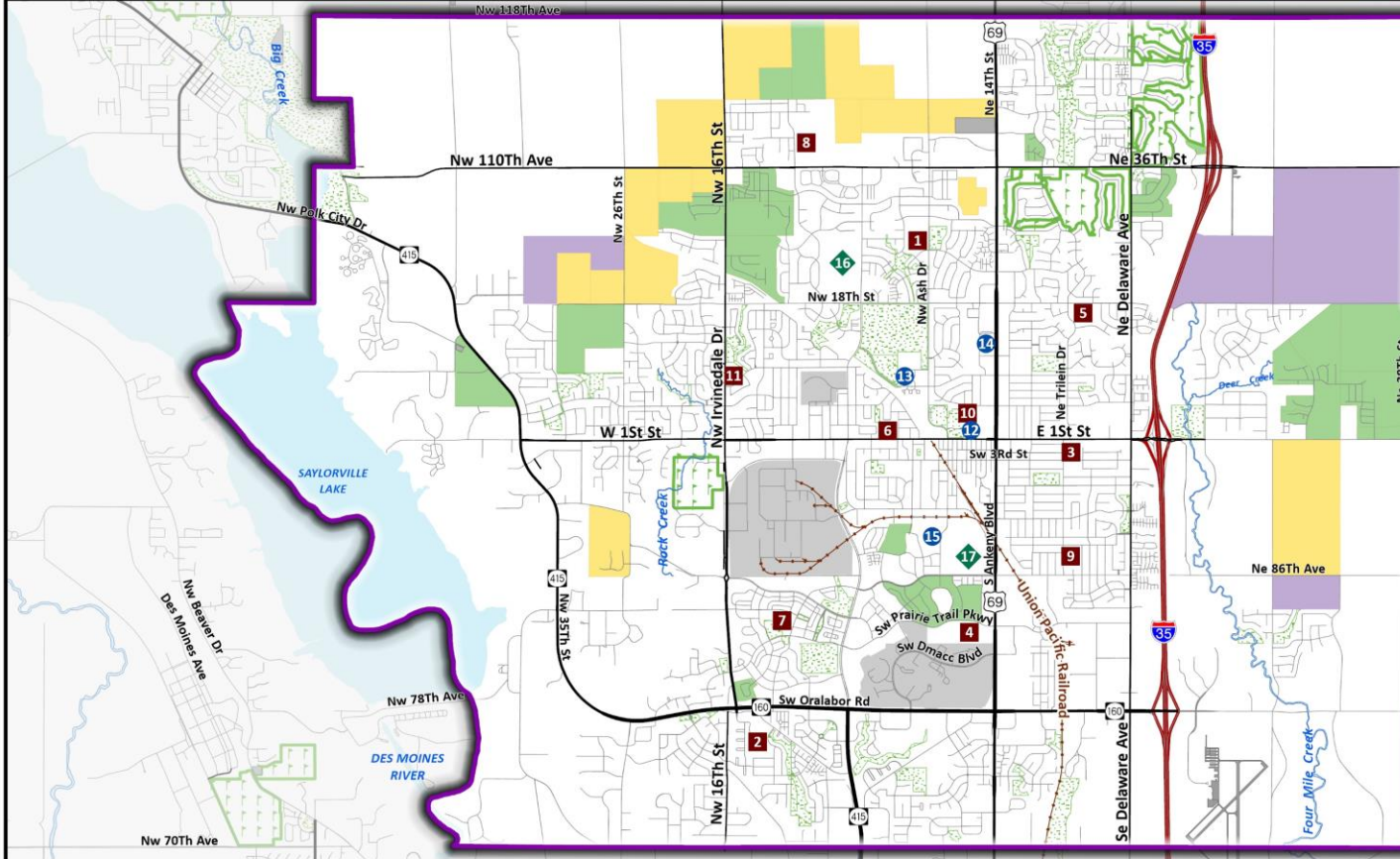
Main Takeaway:

The district had a negative net gain of transfer students in 2020/21 school years. The district saw a positive net migration for the past two years.

Growth Area Map



Growth Areas



Map Details

Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input

- **Green:** current activity
- **Yellow:** 5-year activity
- **Purple:** 10-year activity

The market demand and property owners desire to build guides the timing and type of development

Some growth areas may require infrastructure improvements

There is no guarantee any of these growth areas will develop or that other areas not shown as a growth area will develop

List of Schools

- | | | |
|-----------------------------|-----------------------------|----------------------------|
| 1. Ashland Ridge Elementary | 7. Prairie Trail Elementary | 13. Prairie Ridge Middle |
| 2. Crocker Elementary | 8. Rock Creek Elementary | 14. Northview Middle |
| 3. East Elementary | 9. Southeast Elementary | 15. Southview Middle |
| 4. Heritage Elementary | 10. Terrace Learning Center | 16. Ankeny Centennial High |
| 5. Northeast Elementary | 11. Westwood Elementary | 17. Ankeny High |
| 6. Northwest Elementary | 12. Parkview Middle | |



District Boundary



Elementary Schools



Middle Schools



High Schools



Golf Course



Park/Open Space



Cultural Features

Growth Areas

Current

5 Year

10 Year

Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created November 2022 by RSP & Associates.

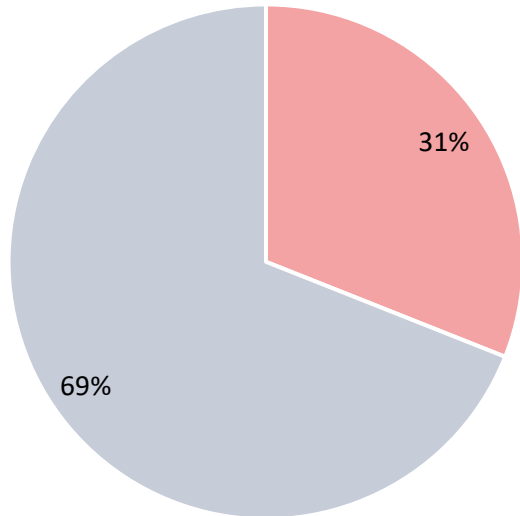




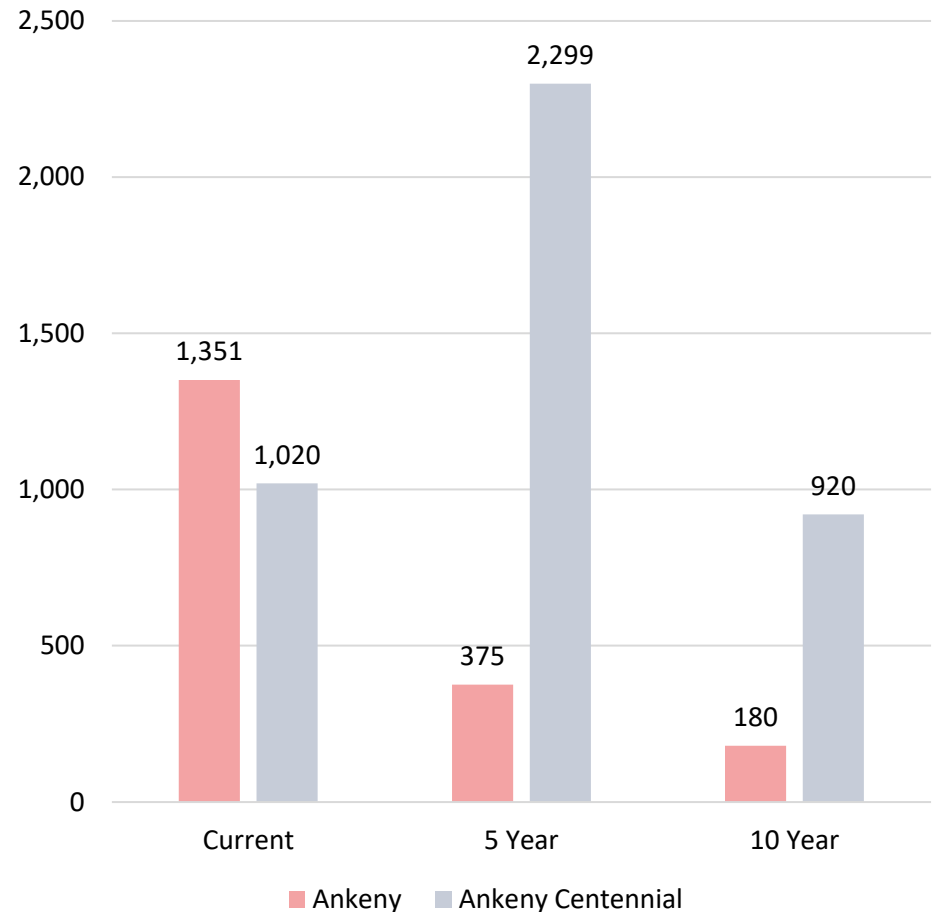
Development Outlook by High School

- 70% of total potential units reside in Ankeny Centennial High School boundary
- The majority of Ankeny Centennial units are in the 5-year range
- Ankeny High School includes more current/active residential projects, but lacks long-term growth potential

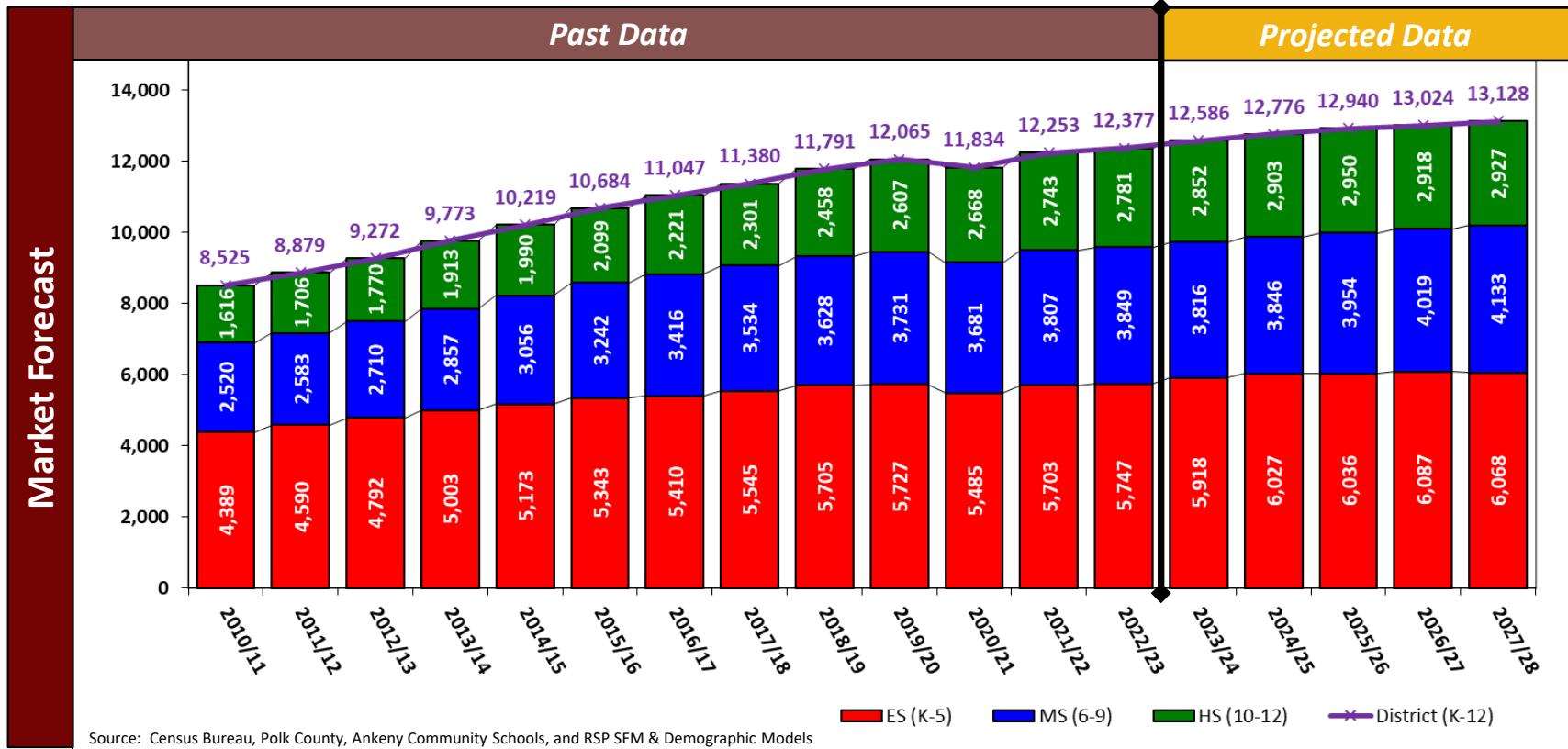
Total Potential Units by High School



Timing of Potential Units by High Schools



Past, Current, & Future Enrollment



District-wide enrollment projected to continue increasing for the next five years. By 2027/28...

- District-wide enrollment forecasted to increase by 750 students
- Elementary enrollment forecasted to increase by 320 students
- Middle School enrollment forecasted to increase by 285 students
- High School enrollment forecasted to increase 145 students

Elementary Enrollment by Building

Ankeny Community School District Enrollment Projections By School (Based on Student Reside)

School	Optimal Capacity	Student Location	Past School Enrollment			Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary K to 5th NORTH FEEDER	640	Reside/Attend	654	719	747					
		Reside	700	779	788	830	872	890	910	942
		Attend	677	736	758					
Crocker Elementary K to 5th SOUTH FEEDER	640	Reside/Attend	523	487	468					
		Reside	538	502	474	471	472	460	445	451
		Attend	531	491	500					
East Elementary K to 5th SOUTH FEEDER	480	Reside/Attend	389	392	410					
		Reside	412	423	417	412	409	412	422	415
		Attend	392	393	413					
Heritage Elementary K to 5th SOUTH FEEDER	800	Reside/Attend	529	548	603					
		Reside	562	583	606	630	642	649	664	649
		Attend	531	551	607					
Northeast Elementary K to 5th NORTH FEEDER	640	Reside/Attend	613	641	648					
		Reside	643	668	651	671	660	652	623	617
		Attend	626	672	653					
Northwest Elementary K to 5th NORTH FEEDER	480	Reside/Attend	337	337	351					
		Reside	345	343	354	362	368	354	353	357
		Attend	375	372	353					
Prairie Trail Elementary K to 5th SOUTH FEEDER	800	Reside/Attend	524	555	532					
		Reside	540	563	542	543	547	534	539	510
		Attend	536	568	571					
Rock Creek Elementary K to 5th NORTH FEEDER	800	Reside/Attend	666	684	719					
		Reside	713	752	757	789	813	810	845	870
		Attend	710	741	732					
Southeast Elementary K to 5th SOUTH FEEDER	640	Reside/Attend	432	453	509					
		Reside	435	453	511	554	597	634	645	660
		Attend	493	521	519					
Westwood Elementary K to 5th NORTH FEEDER	640	Reside/Attend	589	625	637					
		Reside	597	637	647	656	647	641	641	597
		Attend	614	658	641					
ELEMENTARY TOTAL K to 5th	6,560	Reside/Attend	5,256	5,441	5,624					
		Reside	5,485	5,703	5,747	5,918	6,027	6,036	6,087	6,068
		Attend	5,485	5,703	5,747					

Source: RSP & Associates, LLC - November 2022

Over School Capacity

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

Secondary Enrollment by Building

Ankeny Community School District Enrollment Projections By School (Based on Student Reside)

School	Optimal Capacity	Student Location	Past School Enrollment			Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Parkview Middle School 6th and 7th SOUTH FEEDER	1,100	Reside/Attend	861	862	864	869	867	875	895	931
		Reside	864	864	865					
		Attend	865	866	865					
Prairie Ridge Middle School 6th and 7th NORTH FEEDER	1,100	Reside/Attend	1,018	1,026	1,023	1,038	1,053	1,139	1,170	1,161
		Reside	1,022	1,030	1,024					
		Attend	1,021	1,028	1,024					
Northview Middle School 8th and 9th NORTH FEEDER	1,400	Reside/Attend	936	1,002	1,057	1,034	1,043	1,056	1,073	1,158
		Reside	945	1,005	1,062					
		Attend	946	1,005	1,064					
Southview Middle School 8th and 9th SOUTH FEEDER	1,100	Reside/Attend	840	905	891	875	883	884	881	883
		Reside	850	908	898					
		Attend	849	908	896					
Ankeny High School 10th to 12th SOUTH FEEDER	1,850	Reside/Attend	1,307	1,310	1,323	1,365	1,359	1,369	1,325	1,351
		Reside	1,319	1,325	1,344					
		Attend	1,331	1,327	1,344					
Ankeny Centennial High School 10th to 12th NORTH FEEDER	1,850	Reside/Attend	1,325	1,401	1,416	1,487	1,544	1,581	1,593	1,576
		Reside	1,349	1,418	1,437					
		Attend	1,337	1,416	1,437					
ELEMENTARY TOTAL K to 5th	6,560	Reside/Attend	5,256	5,441	5,624	5,918	6,027	6,036	6,087	6,068
		Reside	5,485	5,703	5,747					
		Attend	5,485	5,703	5,747					
MIDDLE TOTAL 6th to 9th	4,700	Reside/Attend	3,655	3,795	3,835	3,816	3,846	3,954	4,019	4,133
		Reside	2,831	3,807	3,849					
		Attend	2,832	3,807	3,849					
HIGH TOTAL 10th to 12th	3,700	Reside/Attend	2,632	2,711	2,739	2,852	2,903	2,950	2,918	2,927
		Reside	3,518	2,743	2,781					
		Attend	3,517	2,743	2,781					
DISTRICT TOTALS K to 12th	14,960	Reside/Attend	11,543	11,947	12,198	12,586	12,776	12,940	13,024	13,128
		Reside	11,834	12,253	12,377					
		Attend	11,834	12,253	12,377					

Source: RSP & Associates, LLC - November 2022

Over School Capacity

Long Term Enrollment Trend

Past, Current, and Future Enrollment From 2000/01 to 2031/32

Grade	School Year																						
	2000/01	2005/06	2010/11	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		
K	454	583	775	908	905	932	954	1,009	915	983	922	1,021	983	952	986	970	944	919	957	983	1,014		
1st	464	602	771	881	903	935	961	957	940	942	987	938	1,033	997	963	995	973	947	908	961	1,003		
2nd	442	596	737	934	883	916	960	952	904	977	956	1,009	959	1,051	1,013	979	995	973	957	908	961		
3rd	438	573	733	875	945	898	930	964	892	930	1,003	977	1,027	980	1,070	1,031	997	1,013	970	968	919		
4th	428	569	709	878	885	964	918	920	940	919	942	1,018	994	1,048	996	1,085	1,037	1,003	1,029	987	986		
5th	473	532	664	867	889	900	982	925	894	952	937	955	1,031	1,008	1,059	1,008	1,118	1,068	1,004	1,049	1,015		
6th	452	545	638	864	895	905	912	997	910	945	950	949	964	1,041	1,018	1,065	1,044	1,158	1,104	1,017	1,063		
7th	436	514	665	812	872	907	917	901	976	949	939	958	956	973	1,047	1,027	1,070	1,049	1,164	1,110	1,032		
8th	381	495	608	810	826	875	909	915	891	999	952	947	967	963	980	1,051	1,032	1,075	1,054	1,170	1,129		
9th	402	492	609	756	823	847	890	918	904	914	1,008	962	959	977	974	990	1,063	1,043	1,084	1,065	1,186		
10th	445	494	538	713	766	809	848	899	907	921	919	1,008	963	962	979	975	1,000	1,074	1,042	1,088	1,076		
11th	403	514	541	688	719	759	815	859	872	919	900	912	998	956	954	968	991	1,016	1,099	1,031	1,104		
12th	392	469	537	698	736	733	795	849	889	903	962	932	942	1,032	985	984	1,037	1,061	1,056	1,142	1,116		
Optimal Capacity	7,360	K-5	2,699	3,455	4,389	5,343	5,410	5,545	5,705	5,727	5,485	5,703	5,747	5,918	6,027	6,036	6,087	6,068	6,064	5,923	5,825	5,856	5,898
	2,200	6-7	888	1,059	1,303	1,676	1,767	1,812	1,829	1,898	1,886	1,894	1,889	1,907	1,920	2,014	2,065	2,092	2,114	2,207	2,268	2,127	2,095
	2,500	8-9	783	987	1,217	1,566	1,649	1,722	1,799	1,833	1,795	1,913	1,960	1,909	1,926	1,940	1,954	2,041	2,095	2,118	2,138	2,235	2,315
	3,700	10-12	1,240	1,477	1,616	2,099	2,221	2,301	2,458	2,607	2,668	2,743	2,781	2,852	2,903	2,950	2,918	2,927	3,028	3,151	3,197	3,261	3,296
	15,760	District	5,610	6,978	8,525	10,684	11,047	11,380	11,791	12,065	11,834	12,253	12,377	12,586	12,776	12,940	13,024	13,128	13,301	13,399	13,428	13,479	13,604
	Enrollment Change	417	286	465	363	333	411	274	-231	419	124	209	190	164	84	104	173	98	29	51	125		

Sources:

- 2000/01 to 2022/23 Ankeny Community School District
- 2023/24 to 2027/28 RSP & Associates SFM Projections from the 2022/23 Enrollment 5-Year Projections
- 2028/29 to 2032/33 RSP & Associates estimates based on past enrollment change factors

Understanding the Data in the Table:

- ❑ Enrollment is anticipated to increase at all grade levels
- ❑ 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
- ❑ The elementary capacity includes the new elementary school that opens in the 24/25 school year
- ❑ Red text in the tables illustrates where the available capacity is less than the projected enrollment with the current grade configuration (K-5, 6-7,8-9, 10-12)

Activity 2: Pause and Report out

Discuss at your tables:

- What did you learn?
- What surprised you?
- What other information about enrollment would be helpful in this process?
- Looking to the future, where are their challenges we should address?

Report out to the larger group a summary of your table discussion!



Boundary Criteria

Boundary Criteria - *Alphabetized*

Criteria A. Balanced Enrollment



GOAL: Boundaries create balanced, logical enrollment that works within the confines of school capacities

Criteria B. Complete Feeder System



GOAL: Boundaries align to create a complete system of elementary to middle to high school transitions

Criteria C. Contiguous Boundaries



GOAL: Boundaries should be compact and contiguous. All areas of the district should be assigned to an ES/MS/HS attendance area

Criteria D. Demographic Consideration



GOAL: Demographic diversity should be balanced among our schools

Criteria E. Duration of Boundaries



GOAL: Allow for future growth of student population where possible

Criteria F. Fiscal Responsibility



GOAL: Boundaries account for district fiscal responsibility and do not disregard future educational investments

Criteria G. Natural Features



GOAL: Boundary lines following natural demarcation features and are visually understandable to the public

Criteria H. Neighborhoods Intact



GOAL: Boundaries ensure that each planning area (subdivision) attend the same school(s)

Criteria I. Student Impact by Boundary Change



GOAL: Boundary plan minimizes how many students are impacted

Criteria J. Transportation Consideration



GOAL: Boundaries do not require additional bussing expenses and does not result in unreasonable time for a student on a bus

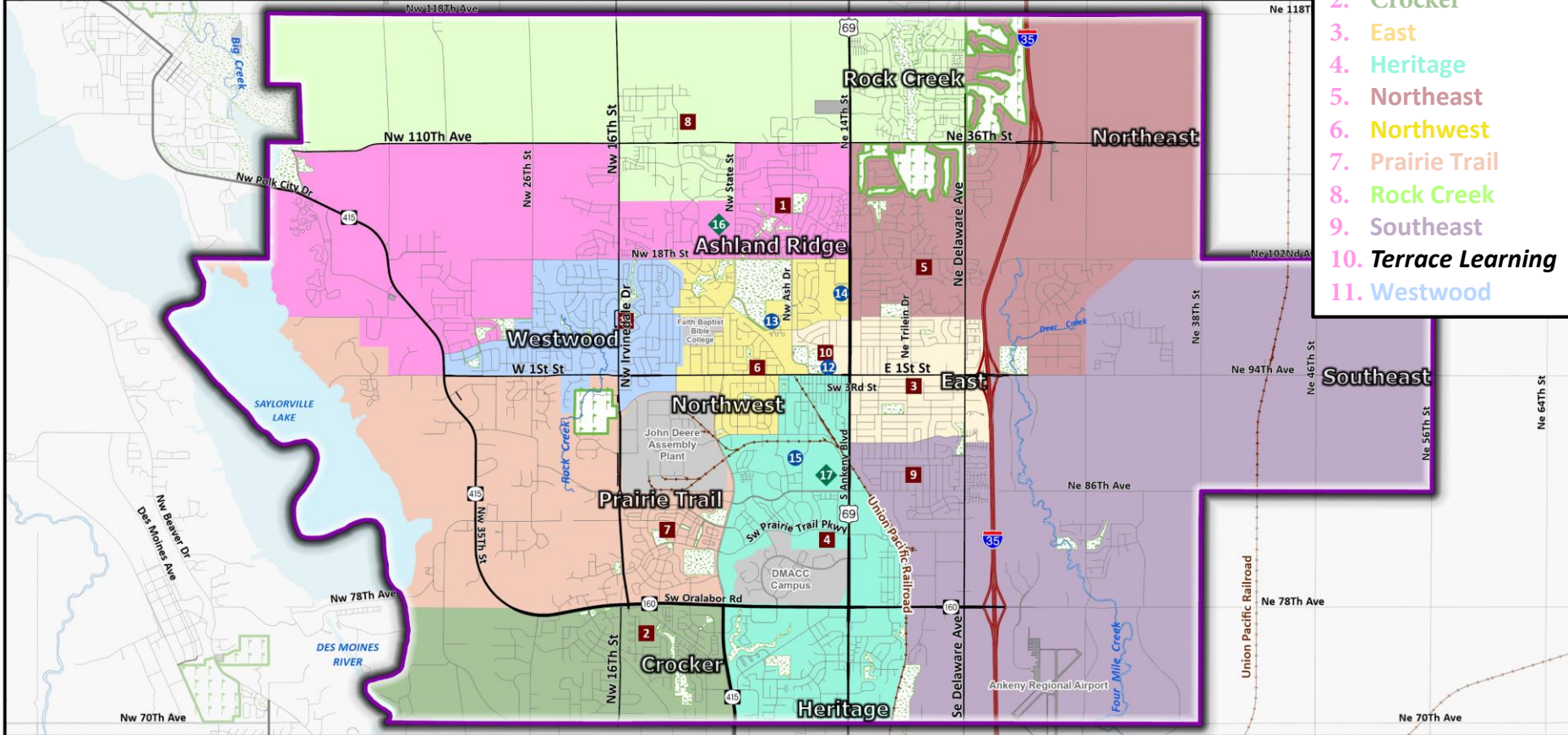
CURRENT MAPS: Elementary Boundary



Elementary School Attendance Areas

Map Details

1. Ashland Ridge
2. Crocker
3. East
4. Heritage
5. Northeast
6. Northwest
7. Prairie Trail
8. Rock Creek
9. Southeast
10. Terrace Learning
11. Westwood



- List of Schools**
- | | | |
|-----------------------------|-----------------------------|--------------------------|
| 1. Ashland Ridge Elementary | 6. Northwest Elementary | 12. Parkview Middle |
| 2. Crocker Elementary | 7. Prairie Trail Elementary | 13. Prairie Ridge Middle |
| 3. East Elementary | 8. Rock Creek Elementary | 14. Northview Middle |
| 4. Heritage Elementary | 9. Southeast Elementary | 15. Southview Middle |
| 5. Northeast Elementary | 10. Terrace Learning Center | 16. Ankeny Centennial HS |
| | 11. Westwood Elementary | 17. Ankeny High School |

- District Boundary
- Elementary Schools
- Middle Schools
- High Schools
- Golf Course
- Park/Open Space
- Cultural Features

Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created November 2022 by RSP & Associates.

CURRENT MAPS: Secondary Boundary

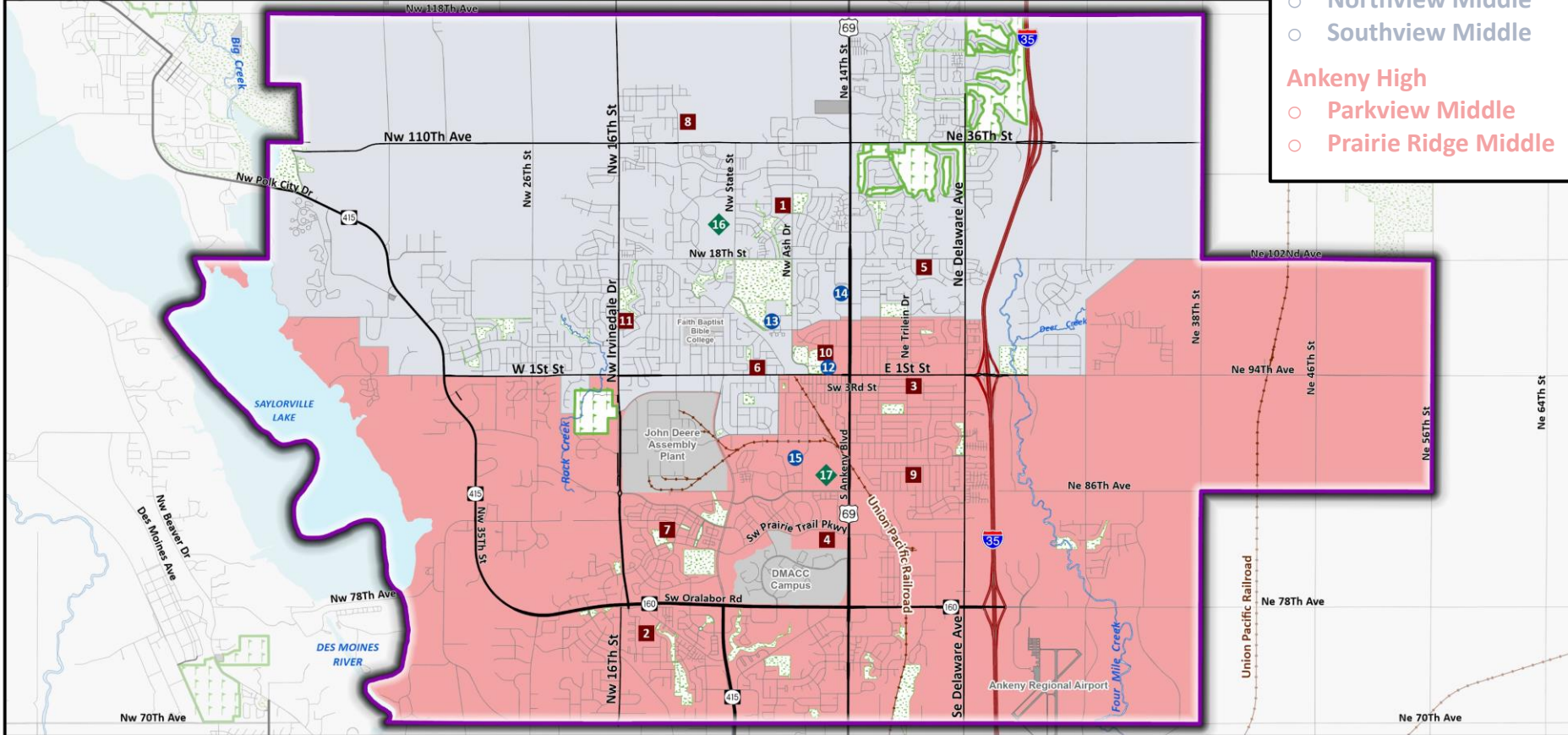


Secondary Attendance Areas

Map Details

- Ankeny Centennial High
- Northview Middle
- Southview Middle

- Ankeny High
- Parkview Middle
- Prairie Ridge Middle



- | List of Schools | | |
|-----------------------------|-----------------------------|--------------------------|
| 1. Ashland Ridge Elementary | 6. Northwest Elementary | 11. Parkview Middle |
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- District Boundary
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Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created November 2022 by RSP & Associates.



Balanced Enrollment

Current Size of Elementary Buildings			
Optimal	Feeder	K-5 Capacity	Sections
Ashland Ridge	North	640	24
Crocker	South	640	24
East	South	480	18
Heritage	South	800	30
Northeast	North	640	24
Northwest	North	480	18
Prairie Trail	South	800	30
Rock Creek	North	800	30
Southeast	South	640	24
Westwood	North	640	24
North Total		3,200	120
South Total		3,360	126
Total		6,560	246

GOAL: Boundaries create balanced, logical enrollment that works within the confines of school capacities

Guiding measures:

- Building utilization*
- Educational programs at buildings*
- Projected student enrollment*
- Staffing needs at building*

Source: RSP & Associates and ACSD, 2022

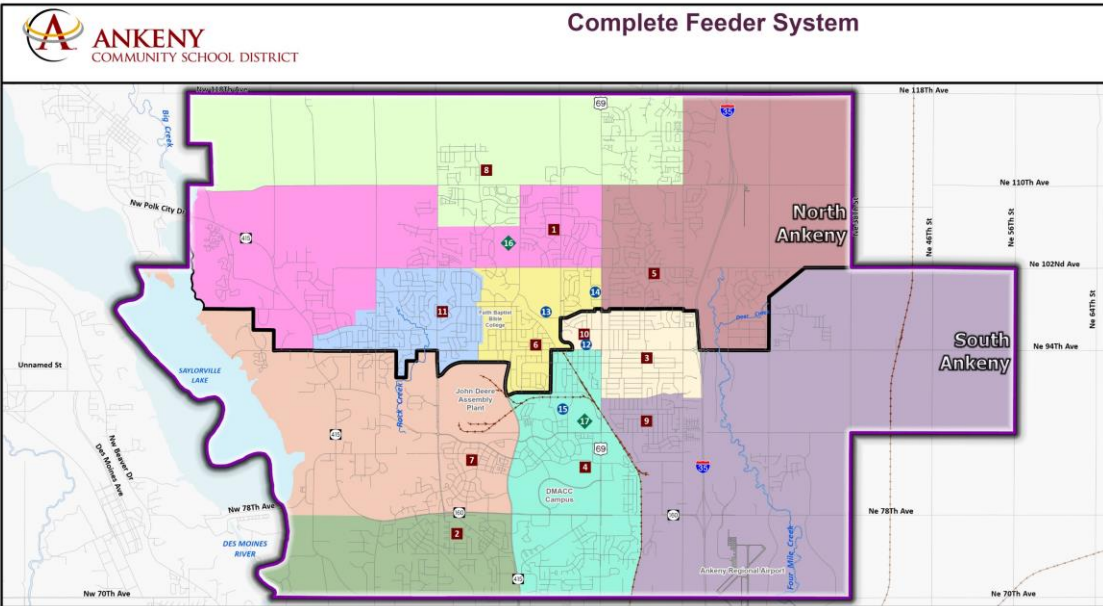
CURRENT: Elementary Projections	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary School	640	872	890	910	942	136%	139%	142%	147%
Crocker Elementary School	640	472	460	445	451	74%	72%	70%	70%
East Elementary School	480	409	412	422	415	85%	86%	88%	86%
Heritage Elementary School	800	642	649	664	649	80%	81%	83%	81%
Northeast Elementary School	640	660	652	623	617	103%	102%	97%	96%
Northwest Elementary School	480	368	354	353	357	77%	74%	74%	74%
Prairie Trail Elementary School	800	547	534	539	510	68%	67%	67%	64%
Rock Creek Elementary School	800	813	810	845	870	102%	101%	106%	109%
Southeast Elementary School	640	597	634	645	660	93%	99%	101%	103%
Westwood Elementary School	640	647	641	641	597	101%	100%	100%	93%
K-5 Elementary Total	6,560	6,027	6,036	6,087	6,068	92%	92%	93%	93%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 95% utilization in given year; green shading signals building is under 65% utilization in give year

EXAMPLE

Complete Feeder System

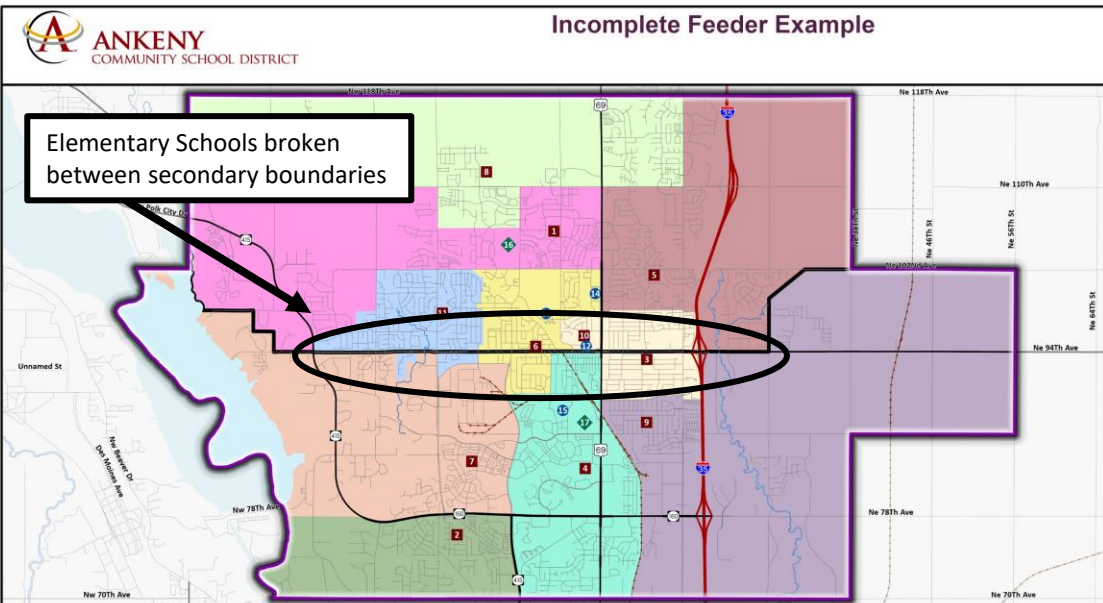
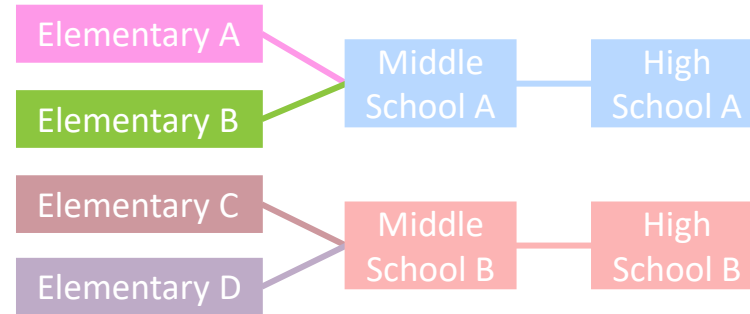


GOAL: Boundaries align to create a complete system of elementary to middle to high school transitions

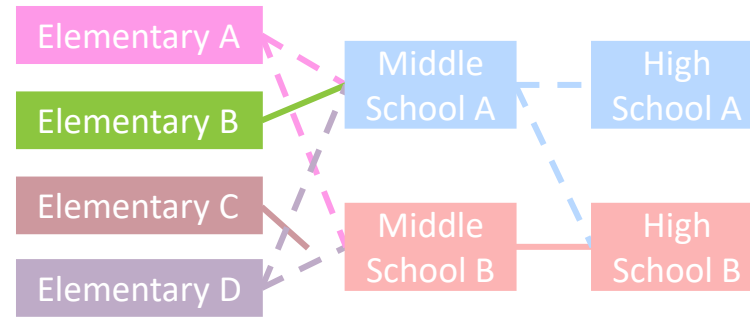
Guiding measure:

- ☐ Number of elementary schools directly aligning with secondary boundaries

Example of Complete:



Examples of Incomplete:



EXAMPLE

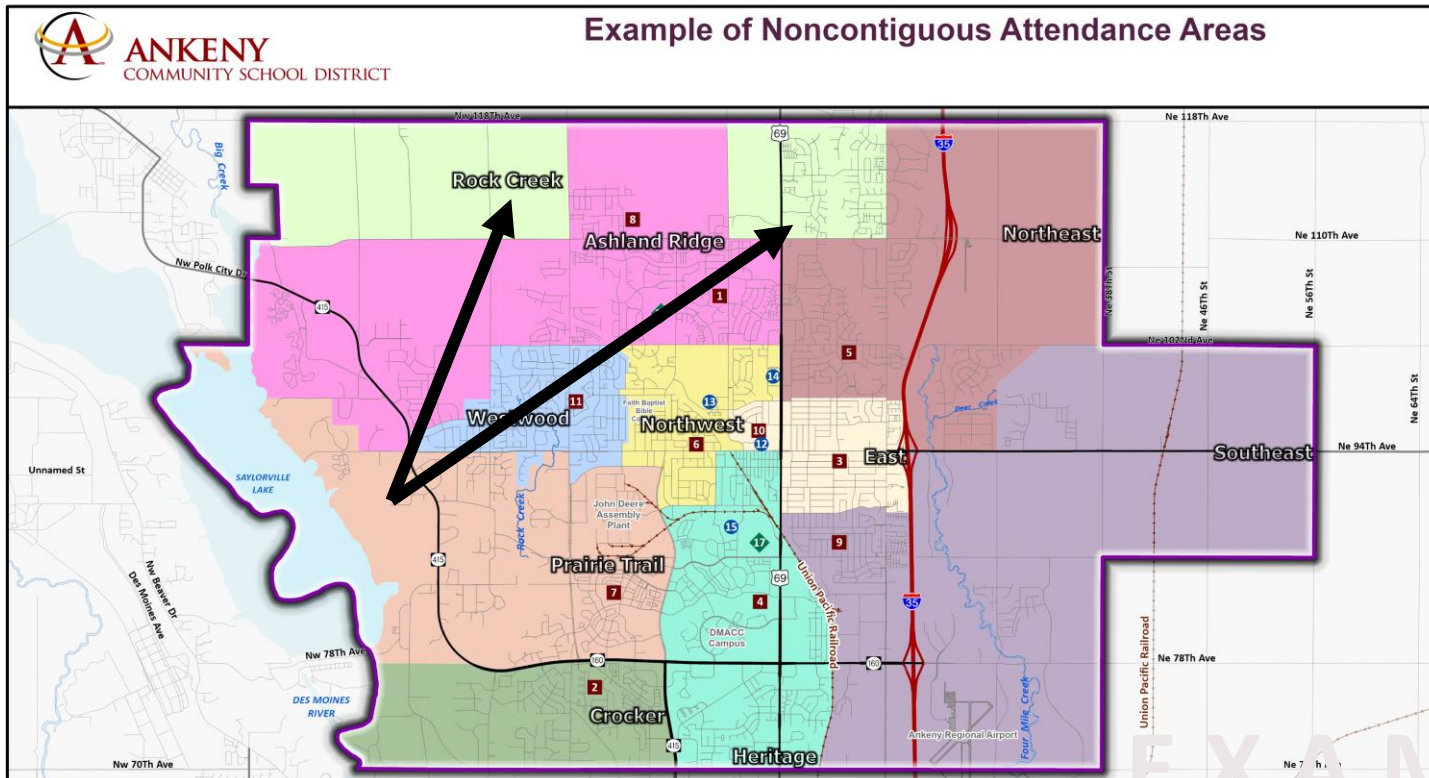
Contiguous Boundaries



GOAL: Boundaries should be compact and contiguous. All areas of the district should be assigned to an ES/MS/HS attendance area

Guiding measure:

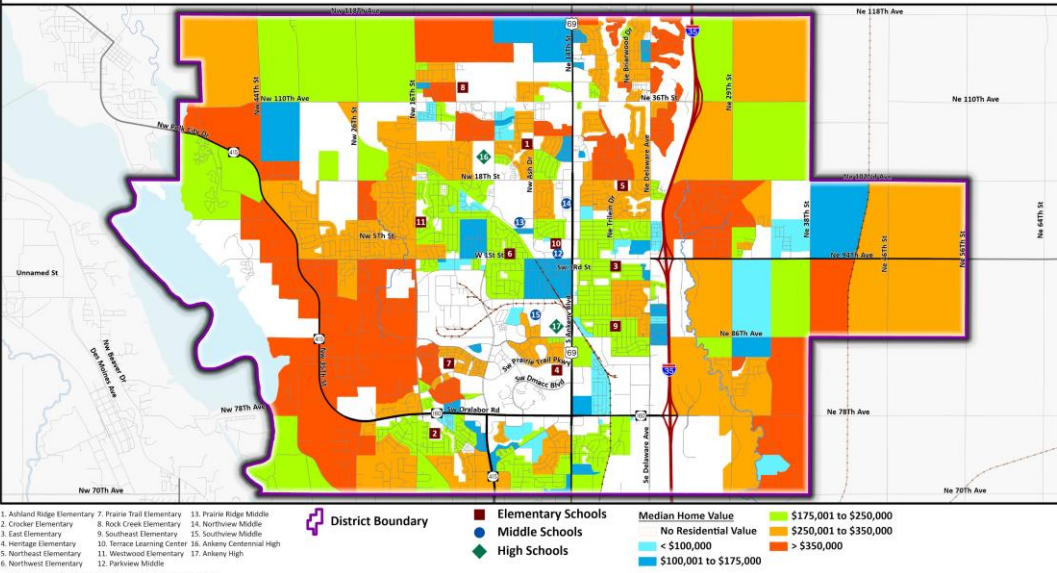
- RSP Planning Areas
- GIS, ESRI mapping tools
- Lack of “islands” all attendance are connected



Demographic Considerations



Median Home Values

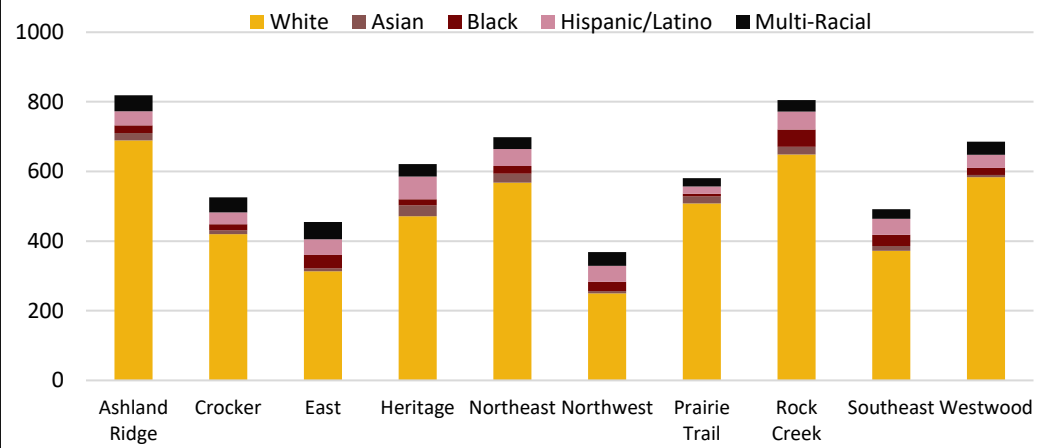


GOAL: Demographic diversity should be balanced among our schools

Guiding Measures:

- Free & Reduced lunch status of school
- Median Home Value of homes
- Type of residential units
- Race/ethnicity of students

Ethnicity by Elementary School



EXAMPLE



Fiscal Responsibility

Legal Debt Margin Calculation	
Assessed value	\$ 7,600,137,095
Debt limit (5% of assessed value)	\$ 380,006,855
Debt applicable to limit	146,228,678
Legal debt margin	\$ 233,778,177

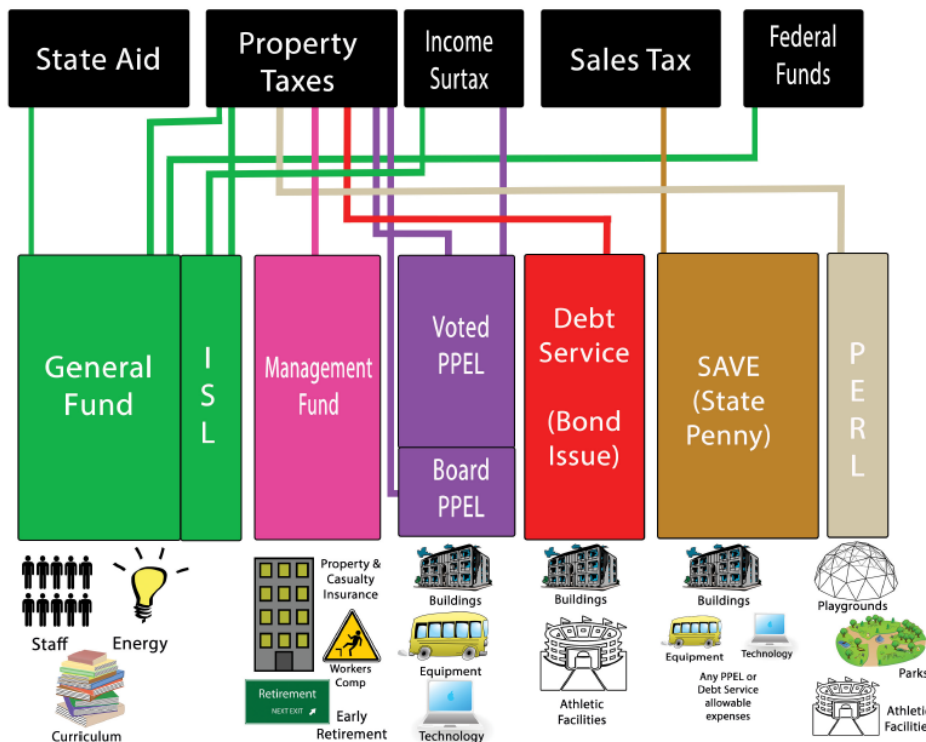
GOAL: Boundaries account for district fiscal responsibility and do not disregard future educational investments

Guiding Measures

- Staffing Ratios
- Cost estimates of proposed projects and renovations
- Facility Condition Assessments
- Financial stability/Bond capabilities

Sections per Building	K-5 Model (6 grades)		K-6 Model (7 grades)		
	Sections	Classes per Grade	Sections	Classes per Grade	Overflow Classes
Ashland Ridge	24	4	24	3	3
Crocker	24	4	24	3	3
East	18	3	18	2	4
Heritage	30	5	30	3	2
Northeast	24	4	24	3	3
Northwest	18	3	18	2	4
Prairie Trail	30	5	30	4	2
Rock Creek	30	5	30	4	2
Southeast	24	4	24	3	3
Westwood	24	4	24	3	3

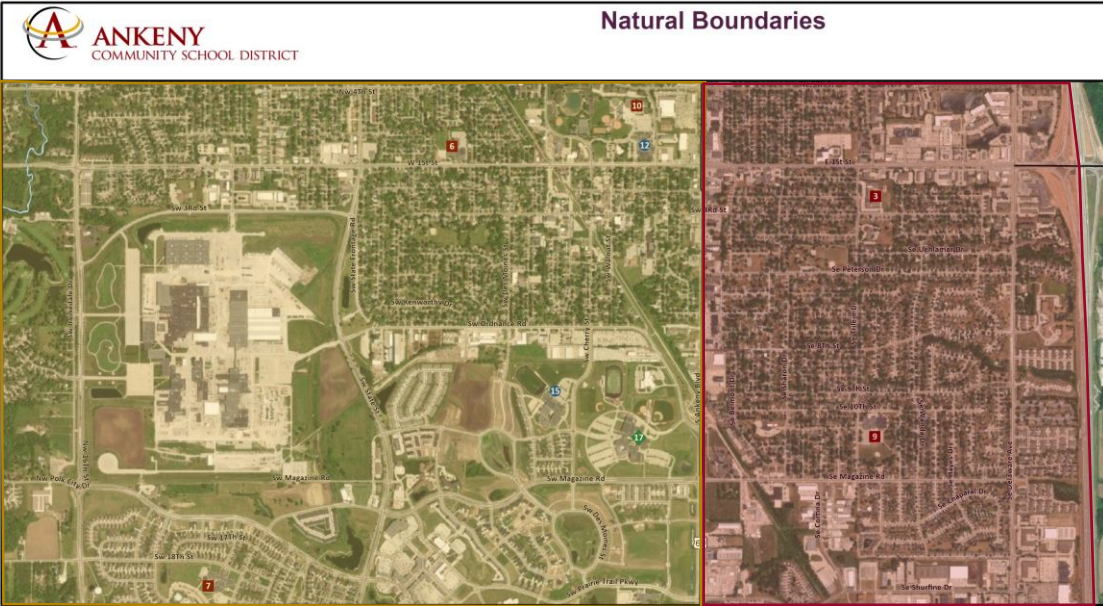
Source: RSP & Associates and ACSD, 2022



ISFIS, Inc. | 1201 63rd Street | Des Moines, IA 50309 | www.iowaSchoolFinance.com | (515) 251-5970

EXAMPLE

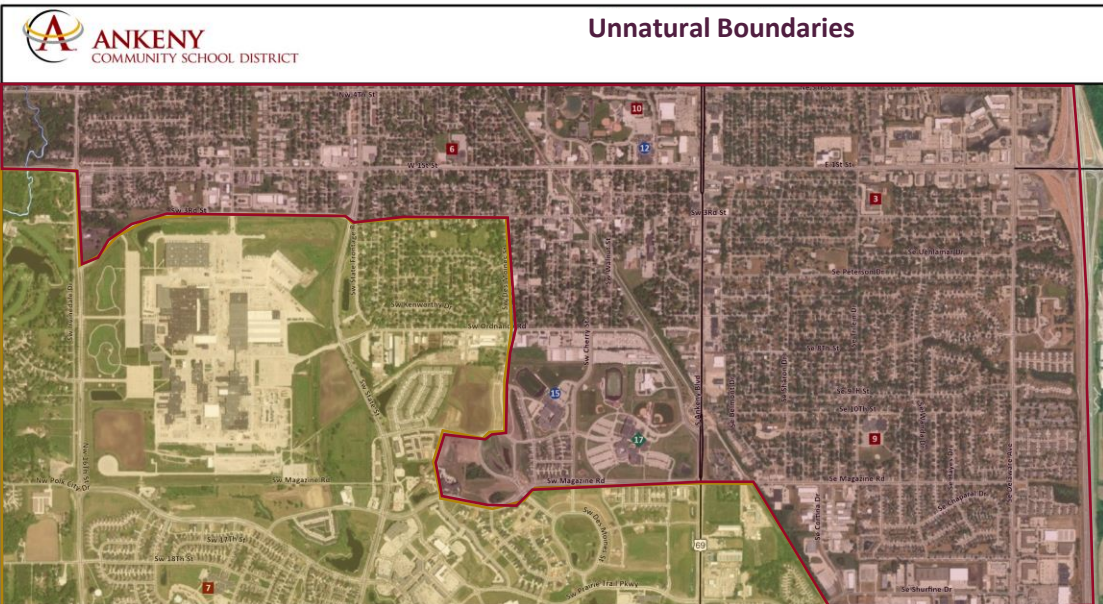
Natural Features



GOAL: Boundary lines following natural demarcation features and are visually understandable to the public

Guiding measure:

- RSP Planning Areas
- Major traffics ways
- Rivers, railroads, large railway systems



EXAMPLE

Neighborhoods Intact



GOAL: Boundaries ensure that each planning area (subdivision) attend the same school(s)

Guiding measure:

- Subdivision boundaries, HOA defined boundaries, RSP Planning Areas





Student Impacted in Boundary Change

GOAL: Boundary plan minimizes how many students are impacted

Guiding measure:

- Number of student impacted by boundary change
- Grade level of student impacted
- Clustered of students impacted
- Consideration for students impacted in previous boundary studies

Potential Students Impacted in Boundary Change										
Current Reside	Concept Boundaries Reside									
	Ashland Ridge	Crocker	East	Heritage	Northeast	Northwest	Prairie Trail	Rock Creek	Southeast	Westwood
Ashland Ridge		298						9		
Crocker	12		443							
East										
Heritage						16				
Northeast				77						
Northwest									63	
Prairie Trail			28							
Rock Creek							124			
Southeast	23									
Westwood										
TOTAL STUDENTS IMPACTED:										1,093

EXAMPLE

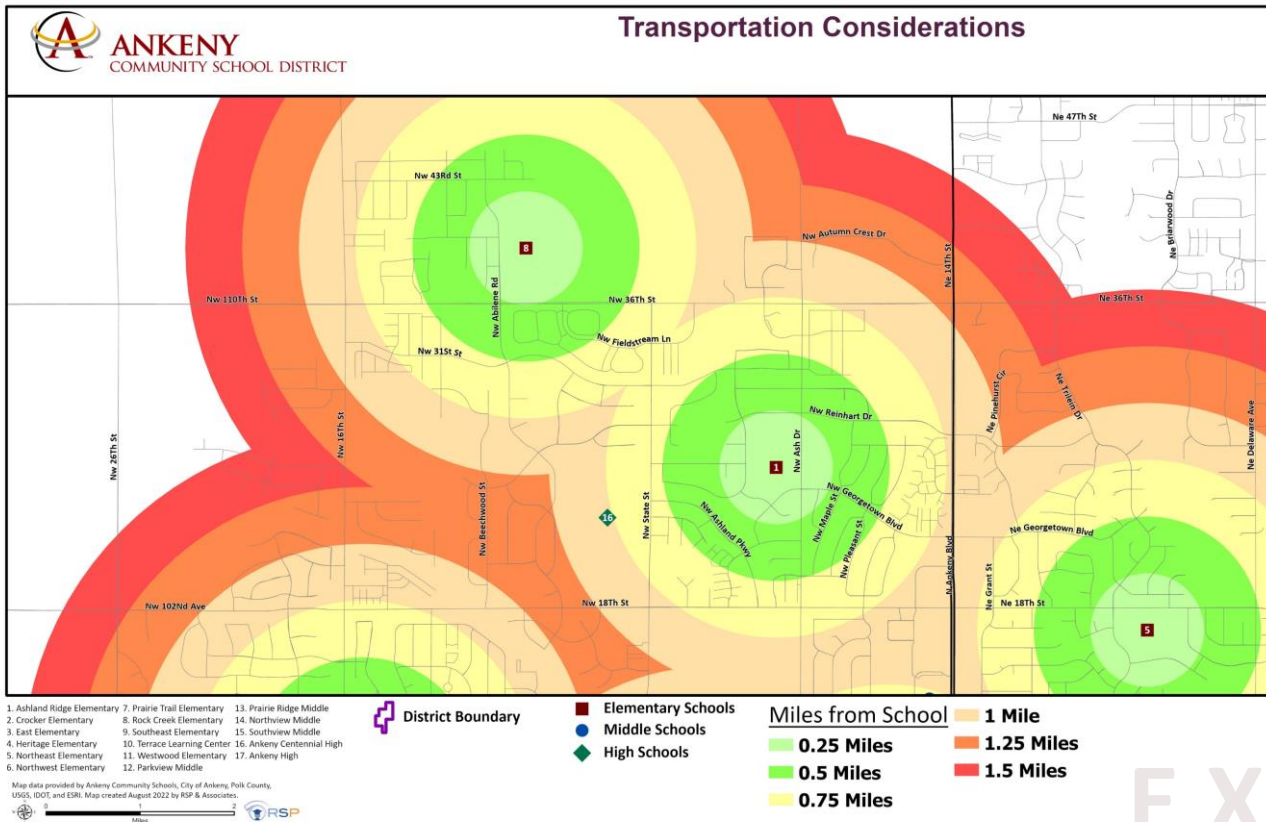
Transportation Considerations



GOAL: Boundaries do not require additional bussing expenses and does not result in unreasonable time for a student on a bus

Guiding Measures:

- Proximity of students to school
- Existing VS proposed bussing routes
- Student time on bus



EXAMPLE

Why prioritize boundary criteria?

- In some cases, the Boundary Criteria may contradict one another
- A solution that may enhance one of the boundary criteria may work against a different one

For example: Duration of Boundaries vs Students Impacted in Boundary Change



Creating a boundary that impacts the least amount of students possible may not be as durable or long-lasting

Creating a long-lasting boundary that is as durable as possible may impact many students

This is why establishing a **PRIORITIZED LIST OF BOUNDARY CRITERIA** is important. In cases of contradictory criteria, a prioritized list will help the committee and public navigate how to make decisions in this process.

Past BOE Prioritization of Boundary Criteria

Listed below are the prioritized boundary criteria the Board approved on July 17, 2013:

1. Contiguous Boundaries
2. Balanced Enrollment
3. Complete Feeder System
4. Students Impacted in Boundary Change
5. Neighborhoods Intact

Listed below are the prioritized boundary criteria the Board approved on March 25, 2019:

1. Contiguous Boundaries
2. Demographic Considerations
3. Duration of Boundaries
4. Neighborhoods Intact
5. Balanced Enrollment

NOTE: All the boundary criteria are important, this prioritization begins the framework on how to evaluate the future concepts created

Elementary Boundary Challenges



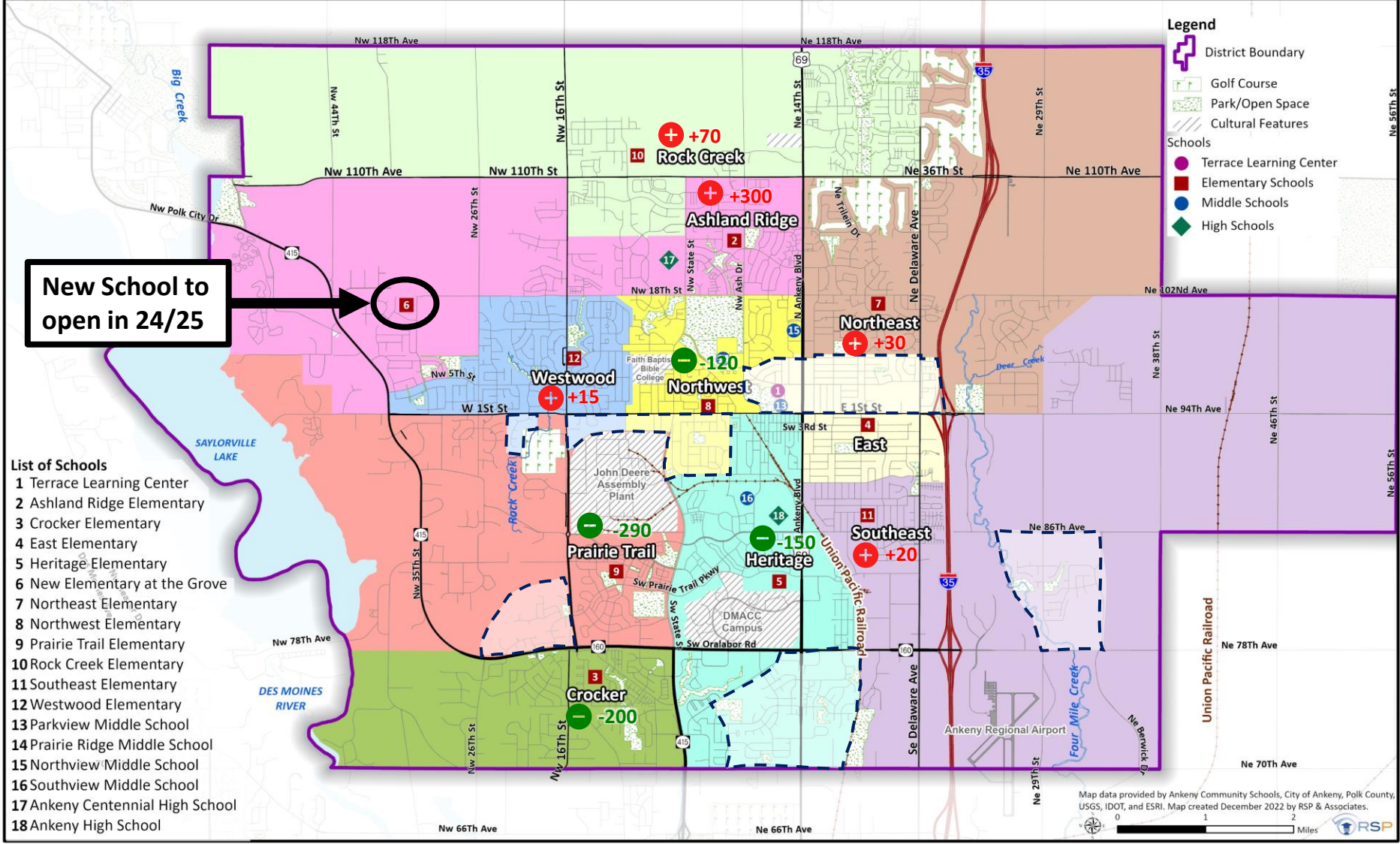
Elementary Attendance Areas

Legend

- District Boundary
- Golf Course
- Park/Open Space
- Cultural Features
- Schools**
- Terrace Learning Center
- Elementary Schools
- Middle Schools
- High Schools

New School to open in 24/25

- List of Schools**
- 1 Terrace Learning Center
 - 2 Ashland Ridge Elementary
 - 3 Crocker Elementary
 - 4 East Elementary
 - 5 Heritage Elementary
 - 6 New Elementary at the Grove
 - 7 Northeast Elementary
 - 8 Northwest Elementary
 - 9 Prairie Trail Elementary
 - 10 Rock Creek Elementary
 - 11 Southeast Elementary
 - 12 Westwood Elementary
 - 13 Parkview Middle School
 - 14 Prairie Ridge Middle School
 - 15 Northview Middle School
 - 16 Southview Middle School
 - 17 Ankeny Centennial High School
 - 18 Ankeny High School



Map data provided by Ankeny Community Schools, City of Ankeny, Polk County, USGS, IDOT, and ESRI. Map created December 2022 by RSP & Associates.

Current Facility Challenges

- ❑ New Elementary School – need to create new boundary and adjust existing boundaries
- ❑ Student population and utilization over the next 5 years with current boundaries:
 - Over-utilization challenges at northern elementary schools
 - Under-utilization challenges at southern elementary schools
 - Over-utilization challenges at Prairie Ridge (6-7 building)
 - Enrollment differences between the two high schools may impact staffing and utilization of the two facilities – currently 52%, 48% and grows to 54%, 46%
- ❑ Desire for expanded High School educational programming opportunities
 - ORBIS student interest has increased creating a desire for more space
 - Survey indicated the community wanted more flexible space

Deep Thought: This process is an opportunity to reevaluate and if needed adjust building inventory, educational programming, and/or how the student experience may be impacted by a boundary or grade configuration change in consideration of:

- *Finance Belief Statements*
- *Academic Belief Statements*
- *Facility Belief Statements*

Understanding Projections and Capacity

Enrollment Projections/Scenarios Details:

- Options were created for the purpose of having thoughtful conversation that will determine if the district should continue as they have or change course on what inventory and delivery model is needed
- Projections are provided by building to assist with any modifications in attendance areas or grade configuration for the next five school years
 - Based on student reside address and does not account for student program choices or intra-district transfers
 - Does not include Preschool
- Projections are provided by grade for the next ten years to assist with long term decisions
 - Build new schools or other investments to enhance the educational learning environment
 - Does not include Preschool

Capacity Details:

- RSP has provided enrollment tables that illustrate the projected enrollment for each option
- Capacity percentage numbers are calculated by dividing the year's enrollment by the building capacity
- Capacity percentages are helpful when comparing how efficiently a building is forecasted to operate and what might need to be done to ensure the best educational space is provided at each level
- The target capacity percentage range is typically between 75% and 100% to allow for appropriate educational spaces that will minimize the need to adjust attendance areas to best accommodate those natural demographic shifts of student enrollment
- As you analyze the presented tables, shading of cells indicates when school are outside of the target range:
 - **Green:** Number is less than 75% of optimal capacity
 - **Orange:** Enrollment is more than 100% of optimal capacity

Starting Point: Grade Configuration Possibilities

OPTION 1: K-5, 6-7, 8-9, 10-12 (current)

- Twelve elementary schools (10 existing + PK Center + ES#12)
- Two 6-7 building, Two 8-9 buildings (assumes boundary adjustment to north vs south feeder)

OPTION 2: K-5, 6-8, 9-12

- Twelve elementary schools (10 existing + PK Center + ES#12)
- Three or four middle schools; one middle school could be repurposed

OPTION 3: K-6, 7-9, 10-12

- Twelve or thirteen elementary schools (10 existing + PK Center + ES#12 + *Additional ES space*)
- Three or four middle schools; one middle school could be repurposed

OPTION 4: K-6, 7-8, 9-12

- Twelve or thirteen elementary schools (10 existing + PK Center + ES#12 + *Additional ES space*)
- Two middle schools; two middle schools could be repurposed

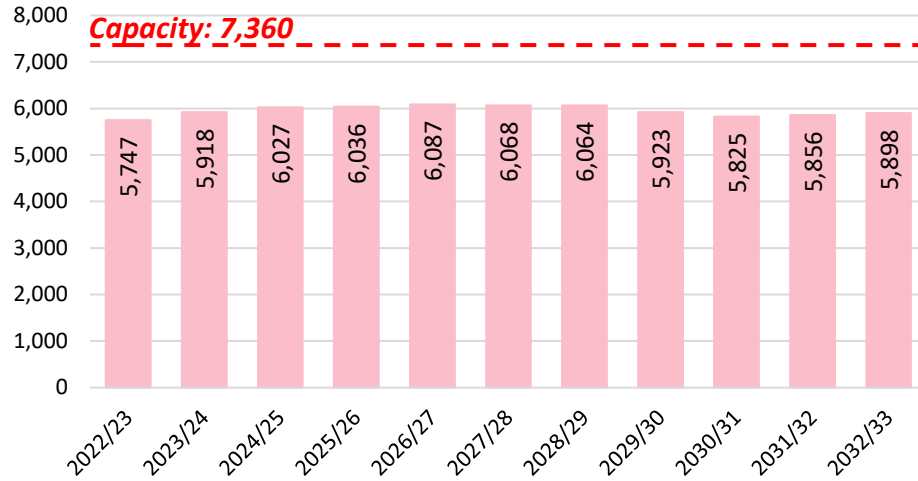
Option 1: K-5, 6-7, 8-9, 10-12 (current)

DRAFT

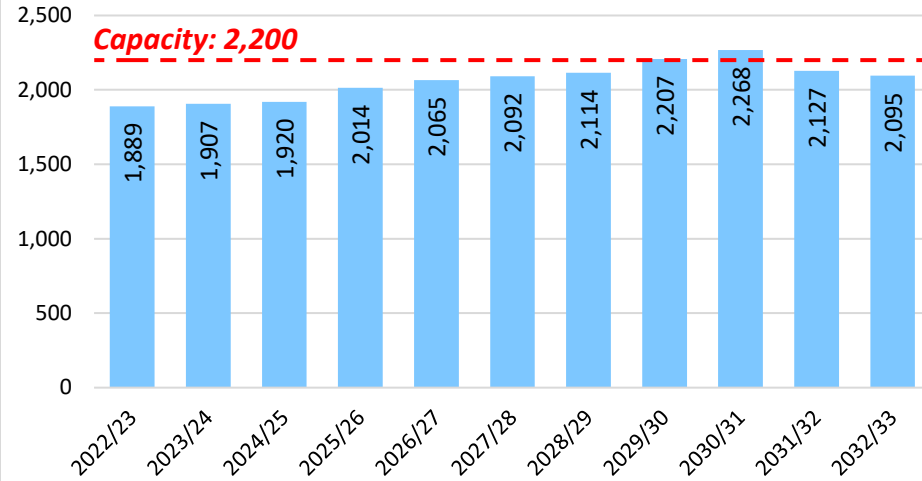
Note: Elementary capacity includes the new school coming online in 2024/25. Boundaries need to be established for the new school.

Note: Although 6-7 enrollment exceeds capacity in 2029/30, Prairie Ridge MS will be over capacity by 2025/26

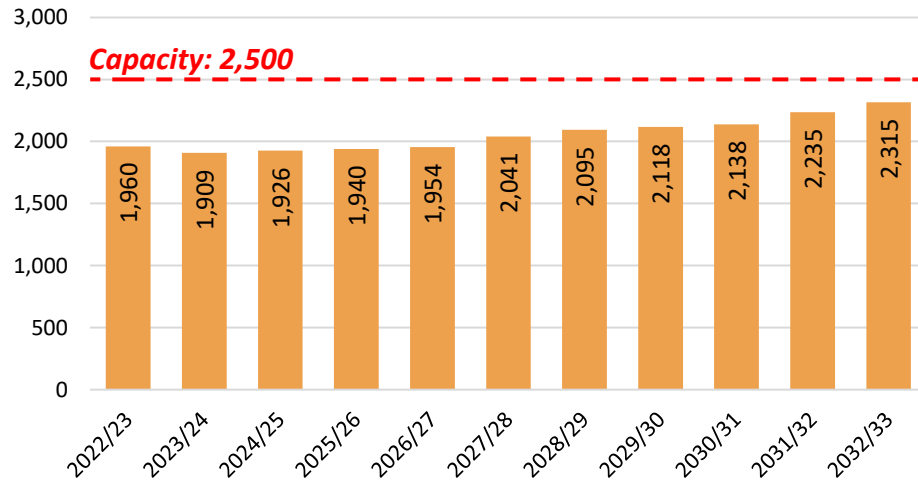
K-5 Forecasted Enrollment and District Capacity



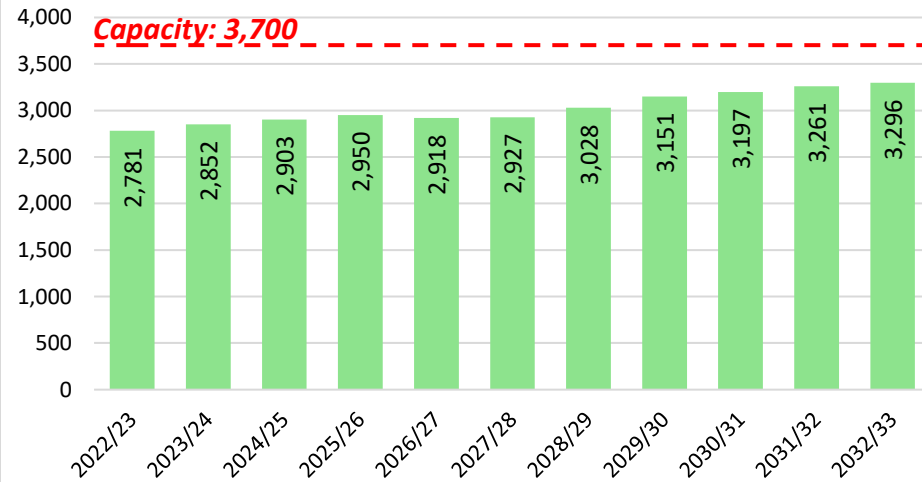
6-7 Forecasted Enrollment and District Capacity



8-9 Forecasted Enrollment and District Capacity



10-12 Forecasted Enrollment and District Capacity



Source: RSP and ACS, 2022

Option 1: K-5, 6-7, 8-9, 10-12 (current)

DRAFT

Option 1: K-5, 6-7, 8-9, 10-12 (Current)	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary School	640	872	890	910	942	136%	139%	142%	147%
Crocker Elementary School	640	472	460	445	451	74%	72%	70%	70%
East Elementary School	480	409	412	422	415	85%	86%	88%	86%
Heritage Elementary School	800	642	649	664	649	80%	81%	83%	81%
Northeast Elementary School	640	660	652	623	617	103%	102%	97%	96%
Northwest Elementary School	480	368	354	353	357	77%	74%	74%	74%
Prairie Trail Elementary School	800	547	534	539	510	68%	67%	67%	64%
Rock Creek Elementary School	800	813	810	845	870	102%	101%	106%	109%
Southeast Elementary School	640	597	634	645	660	93%	99%	101%	103%
Westwood Elementary School	640	647	641	641	597	101%	100%	100%	93%
New Elementary (at the Grove)	800	0	0	0	0	0%	0%	0%	0%
K-5 Elementary Total	7,360	6,027	6,036	6,087	6,068	82%	82%	83%	82%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 1: K-5, 6-7, 8-9, 10-12 (Current)	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Parkview Middle School (6-7)	1,100	867	875	895	931	79%	80%	81%	85%
Prairie Ridge Middle School (6-7)	1,100	1,053	1,139	1,170	1,161	96%	104%	106%	106%
Northview Middle School (8-9)	1,400	1,043	1,056	1,073	1,158	75%	75%	77%	83%
Southview Middle School (8-9)	1,100	883	884	881	883	80%	80%	80%	80%
6-9 Middle School Total	4,700	3,846	3,954	4,019	4,133	82%	84%	86%	88%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 1: K-5, 6-7, 8-9, 10-12 (Current)	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ankeny Centennial High School	1,850	1,544	1,581	1,593	1,576	83%	85%	86%	85%
Ankeny High School	1,850	1,359	1,369	1,325	1,351	73%	74%	72%	73%
10-12 High School Total	3,700	2,903	2,950	2,918	2,927	78%	80%	79%	79%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Discuss Option 1

General Observations

- By adding ES#12, elementary building capacity can adequately serve district-wide enrollment
- High School building capacity can adequately serve district-wide enrollment
- The district can expect capacity challenges district-wide at 6-7 level

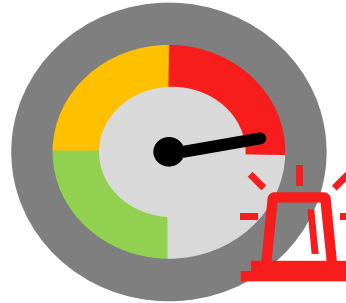
Table Discussion:

- What challenges do you foresee with Option 1?

District Pressure Point Introduction



Elementary
Enrollment & Capacity



Middle School
Enrollment & Capacity



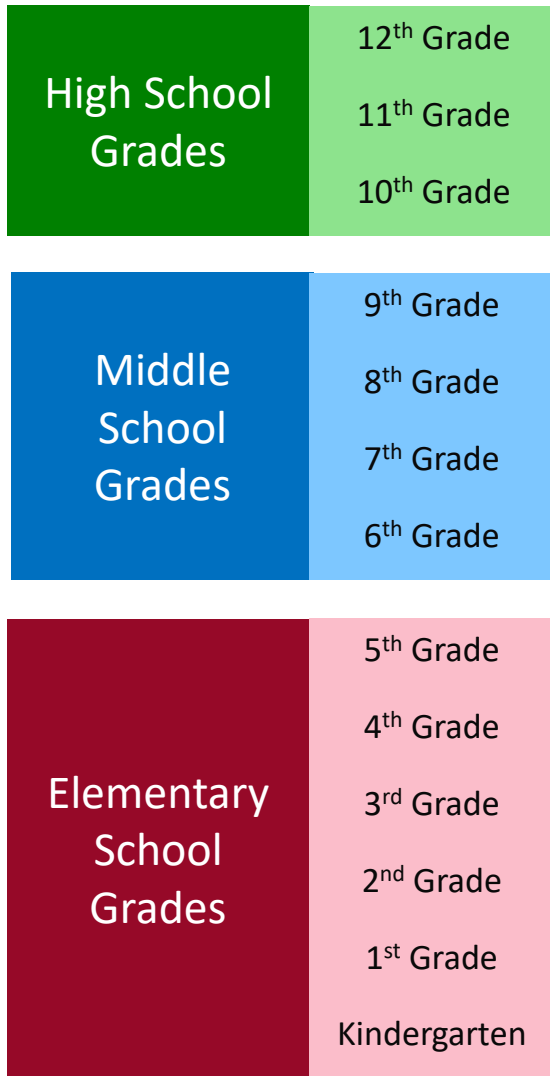
High School
Enrollment & Capacity

How can we address the Middle School pressure point?

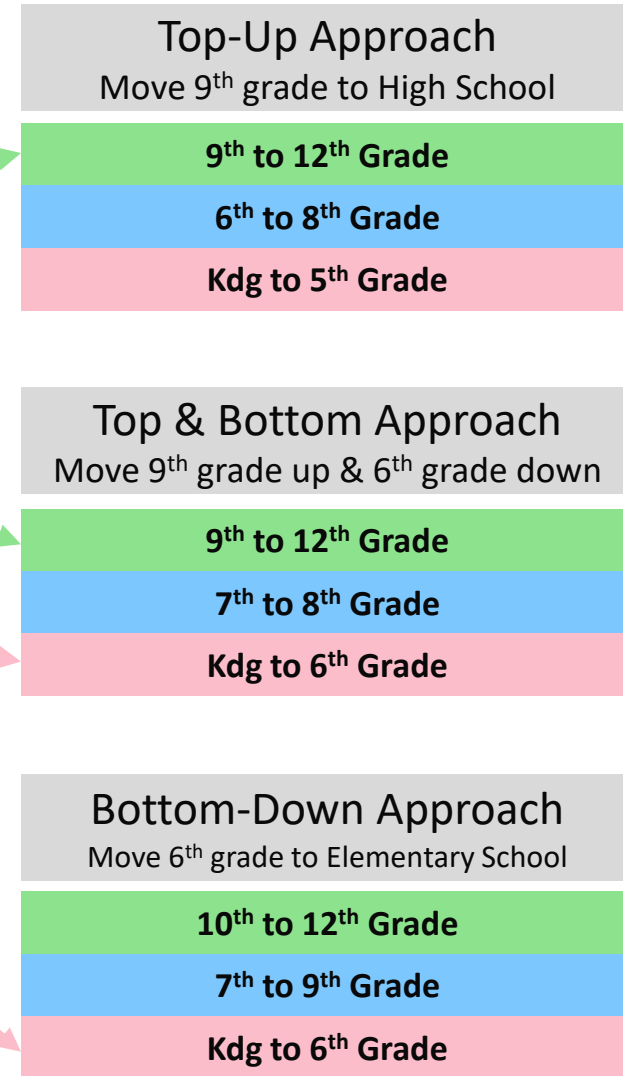
Boundary change to the current Middle School boundaries	<i>Short-term solution</i> <i>Do you also adjust the High School boundary?</i>
Plan for new 3 rd 6-7/8-9 feeder structure	<i>Requires two new buildings</i> <i>MS to HS feeder disruption</i>
Addition at Prairie Ridge	<i>What is the ideal size of a Middle School?</i>
Grade Reconfiguration	<i>3 Options</i>

Approaches to Grade Reconfiguration

Current System



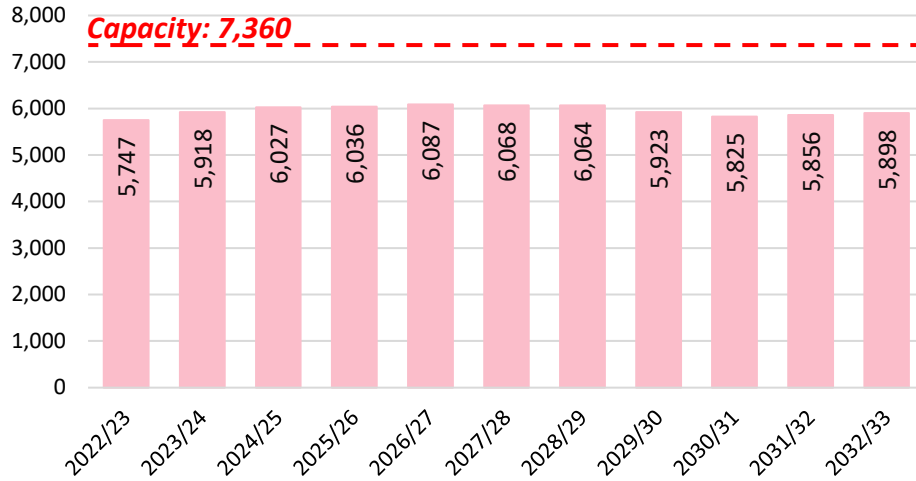
Changes to the System



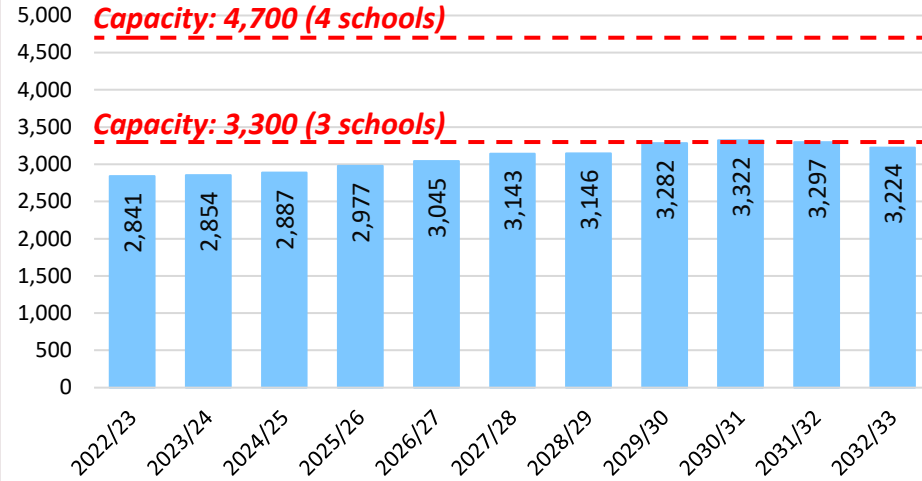
Option 2: K-5, 6-8, 9-12

Note: Elementary capacity includes the new school coming online in 2024/25.
Boundaries need to be established for the new school.

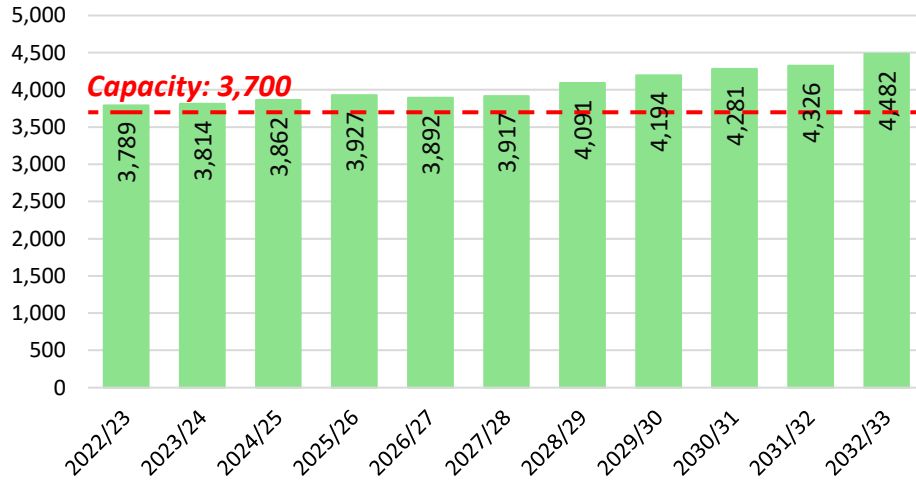
K-5 Forecasted Enrollment and District Capacity



6-8 Forecasted Enrollment and District Capacity



9-12 Forecasted Enrollment and District Capacity



Source: RSP and ACSD, 2022

Option 2: K-5, 6-8, 9-12

Option 2: K-5, 6-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary School	640	872	890	910	942	136%	139%	142%	147%
Crocker Elementary School	640	472	460	445	451	74%	72%	70%	70%
East Elementary School	480	409	412	422	415	85%	86%	88%	86%
Heritage Elementary School	800	642	649	664	649	80%	81%	83%	81%
Northeast Elementary School	640	660	652	623	617	103%	102%	97%	96%
Northwest Elementary School	480	368	354	353	357	77%	74%	74%	74%
Prairie Trail Elementary School	800	547	534	539	510	68%	67%	67%	64%
Rock Creek Elementary School	800	813	810	845	870	102%	101%	106%	109%
Southeast Elementary School	640	597	634	645	660	93%	99%	101%	103%
Westwood Elementary School	640	647	641	641	597	101%	100%	100%	93%
New Elementary (at the Grove)	800	0	0	0	0	0%	0%	0%	0%
K-5 Elementary Total	7,360	6,027	6,036	6,087	6,068	82%	82%	83%	82%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 2: K-5, 6-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Prairie Ridge Middle School (6-8)	1,100	1,590	1,653	1,722	1,761	64%	66%	69%	70%
Northview Middle School (6-8)	1,400								
Parkview Middle School (6-8)	1,100	1,297	1,324	1,323	1,382	59%	60%	60%	63%
Southview Middle School (6-8)	1,100								
6-8 Middle School Total	4,700	2,887	2,977	3,045	3,143	61%	63%	65%	67%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 2: K-5, 6-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ankeny Centennial High School	1,850	2,050	2,123	2,114	2,134	111%	115%	114%	115%
Ankeny High School	1,850	1,812	1,804	1,778	1,783	98%	98%	96%	96%
9-12 High School Total	3,700	3,862	3,927	3,892	3,917	104%	106%	105%	106%

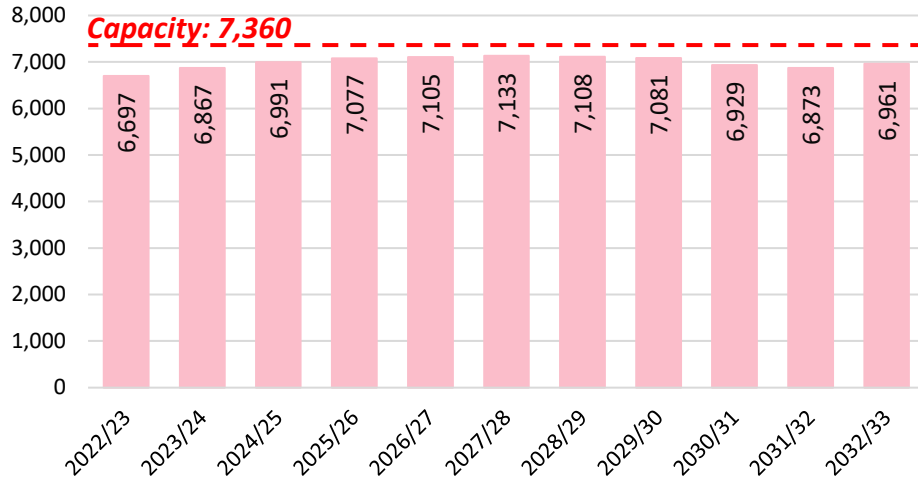
Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

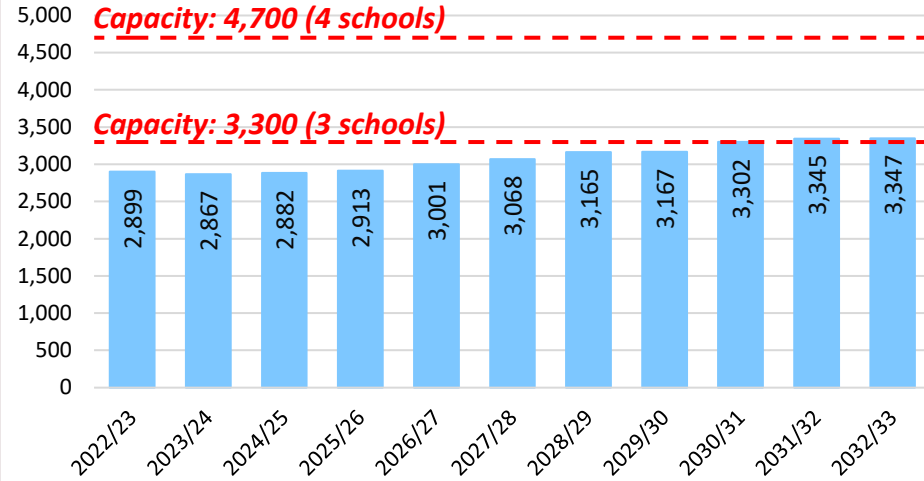
Option 3: K-6, 7-9, 10-12

Note: Elementary capacity includes the new school coming online in 2024/25.
Boundaries need to be established for the new school.

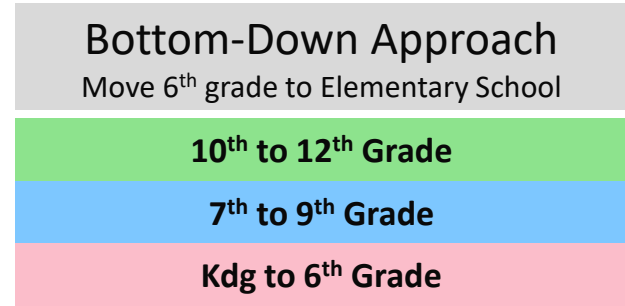
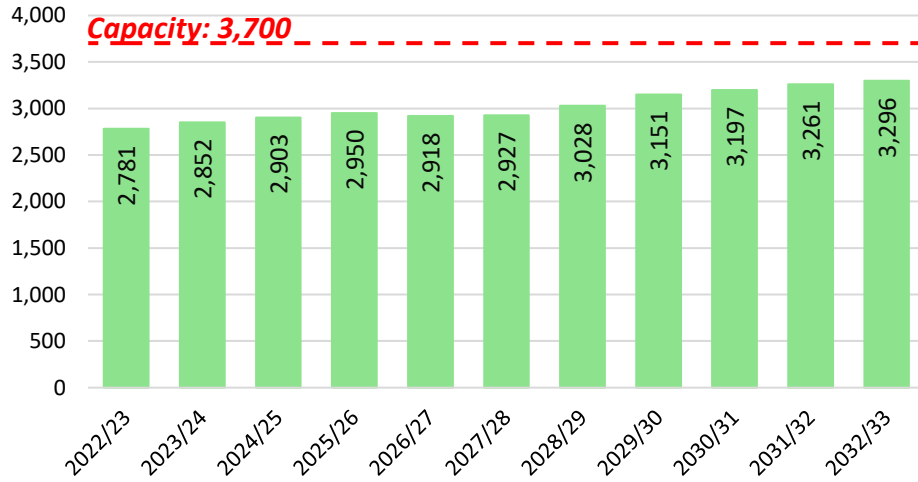
K-6 Forecasted Enrollment and District Capacity



7-9 Forecasted Enrollment and District Capacity



10-12 Forecasted Enrollment and District Capacity



Source: RSP and ACSD, 2022

Option 3: K-6, 7-9, 10-12

Option 3: K-6, 7-9, 10-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary School	640	997	1,044	1,068	1,096	156%	163%	167%	171%
Crocker Elementary School	640	549	549	537	521	86%	86%	84%	81%
East Elementary School	480	476	475	483	487	99%	99%	101%	101%
Heritage Elementary School	800	744	755	764	770	93%	94%	96%	96%
Northeast Elementary School	640	788	761	754	724	123%	119%	118%	113%
Northwest Elementary School	480	419	426	415	407	87%	89%	86%	85%
Prairie Trail Elementary School	800	635	632	623	625	79%	79%	78%	78%
Rock Creek Elementary School	800	943	963	966	1,003	118%	120%	121%	125%
Southeast Elementary School	640	684	727	753	766	107%	114%	118%	120%
Westwood Elementary School	640	756	744	743	733	118%	116%	116%	115%
New Elementary (at the Grove)	800	0	0	0	0	0%	0%	0%	0%
K-6 Elementary Total	7,360	6,991	7,076	7,106	7,132	95%	96%	97%	97%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 3: K-6, 7-9, 10-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Prairie Ridge Middle School (7-9)	1,100	1,553	1,603	1,669	1,739	62%	64%	67%	70%
Northview Middle School (7-9)	1,400								
Parkview Middle School (7-9)	1,100	1,329	1,310	1,332	1,329	60%	60%	61%	60%
Southview Middle School (7-9)	1,100								
7-9 Middle School Total	4,700	2,882	2,913	3,001	3,068	61%	62%	64%	65%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 3: K-6, 7-9, 10-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ankeny Centennial High School	1,850	1,544	1,581	1,593	1,576	83%	85%	86%	85%
Ankeny High School	1,850	1,359	1,369	1,325	1,351	73%	74%	72%	73%
10-12 High School Total	3,700	2,903	2,950	2,918	2,927	78%	80%	79%	79%

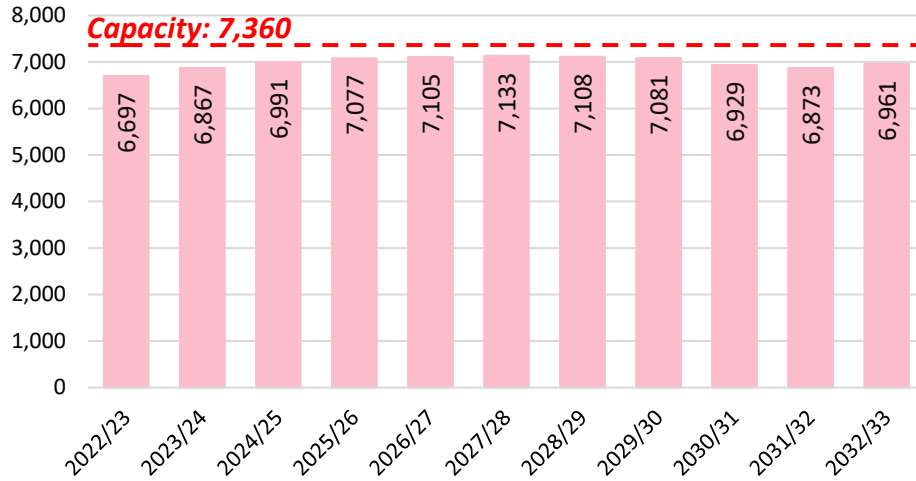
Source: RSP & Associates, LLC.

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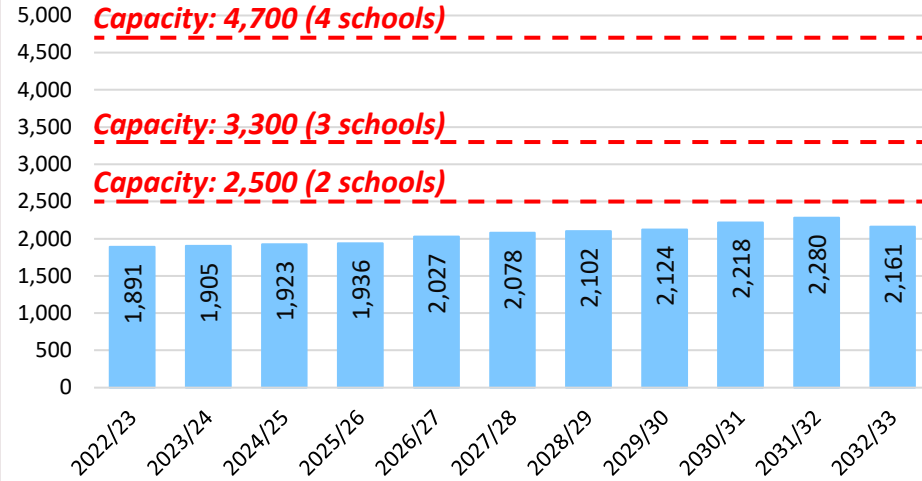
Option 4: K-6, 7-8, 9-12

Note: Elementary capacity includes the new school coming online in 2024/25.
Boundaries need to be established for the new school.

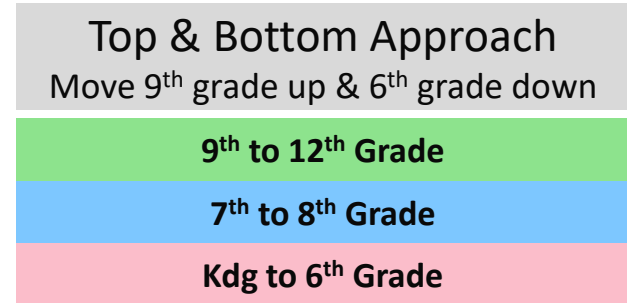
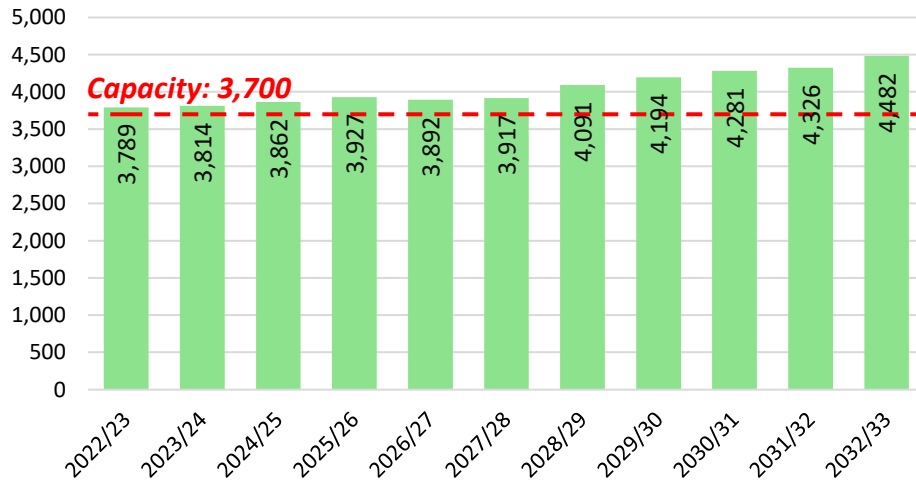
K-6 Forecasted Enrollment and District Capacity



7-8 Forecasted Enrollment and District Capacity



9-12 Forecasted Enrollment and District Capacity



Source: RSP and ACSD, 2022

Option 4: K-6, 7-8, 9-12

Option 4: K-6, 7-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ashland Ridge Elementary School	640	997	1,044	1,068	1,096	156%	163%	167%	171%
Crocker Elementary School	640	549	549	537	521	86%	86%	84%	81%
East Elementary School	480	476	475	483	487	99%	99%	101%	101%
Heritage Elementary School	800	744	755	764	770	93%	94%	96%	96%
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Rock Creek Elementary School	800	943	963	966	1,003	118%	120%	121%	125%
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Westwood Elementary School	640	756	744	743	733	118%	116%	116%	115%
New Elementary (at the Grove)	800	0	0	0	0	0%	0%	0%	0%
K-6 Elementary Total	7,360	6,991	7,076	7,106	7,132	95%	96%	97%	97%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 4: K-6, 7-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Prairie Ridge Middle School (7-8)	1,100	1,047	1,061	1,148	1,181	42%	42%	46%	47%
Northview Middle School (7-8)	1,400								
Parkview Middle School (7-8)	1,100	876	875	879	897	40%	40%	40%	41%
Southview Middle School (7-8)	1,100								
7-8 Middle School Total	4,700	1,923	1,936	2,027	2,078	41%	41%	43%	44%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Option 4: K-6, 7-8, 9-12	Capacity	2024/25	2025/26	2026/27	2027/28	2024/25	2025/26	2026/27	2027/28
Ankeny Centennial High School	1,850	2,050	2,123	2,114	2,134	111%	115%	114%	115%
Ankeny High School	1,850	1,812	1,804	1,778	1,783	98%	98%	96%	96%
9-12 High School Total	3,700	3,862	3,927	3,892	3,917	104%	106%	105%	106%

Source: RSP & Associates, LLC.

Note: Orange shading signals building is over 100% utilization in given year; green shading signals building is under 75% utilization in given year

Activity 3 – Round Robin Option Discussion

Each table will receive 1 of the 4 grade reconfiguration options:

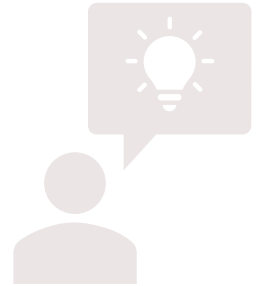
Discuss at your tables:

- What are the **financial** benefits and challenges of this option?
- What are the **academic** benefits and challenges of this option?
- What are the **facility** benefits and challenges of this option?

Utilize the available resources:

- *RSP Enrollment Analysis*
- *Survey Results*
- *Committee Belief Statements*
- *Option Handout (current map, 5-yr projections by boundary, 10-yr district projections)*

Report out to the larger group a summary of your table discussion!



Next Steps



Committee Meeting #5; February 8, 2022

- Boundary Plan
- Proposed Facility Scenario



Homework

RSP will provide the information from this meeting to all committee members. Member unable to join will be able to understand what was discussed and participate in the discussion for next time.



Communication

Connect the community to inform them of the process, invite them to public input sessions, and prepare for the possible changes.