

Planning for the Future

West Fargo Public Schools

Enrollment Analysis

February 2024

Updated on 04/04/24



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:

Fargo Public Schools

- Enrollment Analysis, 2022/23

Bismarck Public Schools

- Enrollment Analysis, 2021/22

Dickinson Public School

- Enrollment Analysis, 2021/22

RSP has worked with West Fargo Public Schools for the past four years – assisting the district to make sound planning decisions for the students and community.

Expectations

Thank you to West Fargo Public Schools, Cass County, Cities of West Fargo, Harwood, Fargo, and Horace, and Census Bureau/Esri for making this happen!

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:

- 1) 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
- 2) This analysis is based on the same grade configuration and educational programming expectations the patrons have for each student
- 3) 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
- 4) Student data does not include virtual, or 18-21 special education population. Enrollment best aligns with district Official Count Day data. Presented enrollment may vary from state reported 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

Part 1: Enrollment & Demographics

- Things to Consider
- Student Analysis
Maps & Data
- Sophisticated
Forecast Model
- Demographics
- Past Enrollment &
Changes

Part 2: Development & Growth Trends

- Correlation Trends
- Yield Rate
- Maps & Data
- Potential Growth
Analysis

Part 3: Projections

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

Part 4: Next Steps

- Future Facility Plan
- Moving Forward
- Next Steps
- Key Considerations

Appendix

- Community
Demographics
- Intra-Transfers
- Student Density
Maps
- Detailed Growth
Areas Maps
- Definitions

HELPFUL HINTS TO READ THE REPORT:



Slides that have the flagged star symbol are SIGNATURE SLIDES



PLUS: indicator of student growth



MINUS: indicator of student loss



Click the APPENDIX symbol on a page to reference additional analysis



Past Enrollment and Demographics

Things to Consider

Student Analysis Maps & Data

Sophisticated Forecast Model

Demographics

Past Enrollment & Change

100,000 Foot Perspective

Enrollment

District enrollment to increase by over 1,300 students by 2028/29

- **Elementary enrollment to increase by over 340 students by 2028/29**
- **Middle school enrollment to increase by over 500 students by 2028/29**
- **High school enrollment to increase by over 500 students by 2028/29**

Capacity Challenges

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

- Horace Elementary
- Independence Elementary
- Heritage Middle School
- Liberty Middle School
- Horace High School
- Sheyenne High School

Development

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

- In 2023, 330 single-family and 512 multi-family units were built – almost 9,500 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

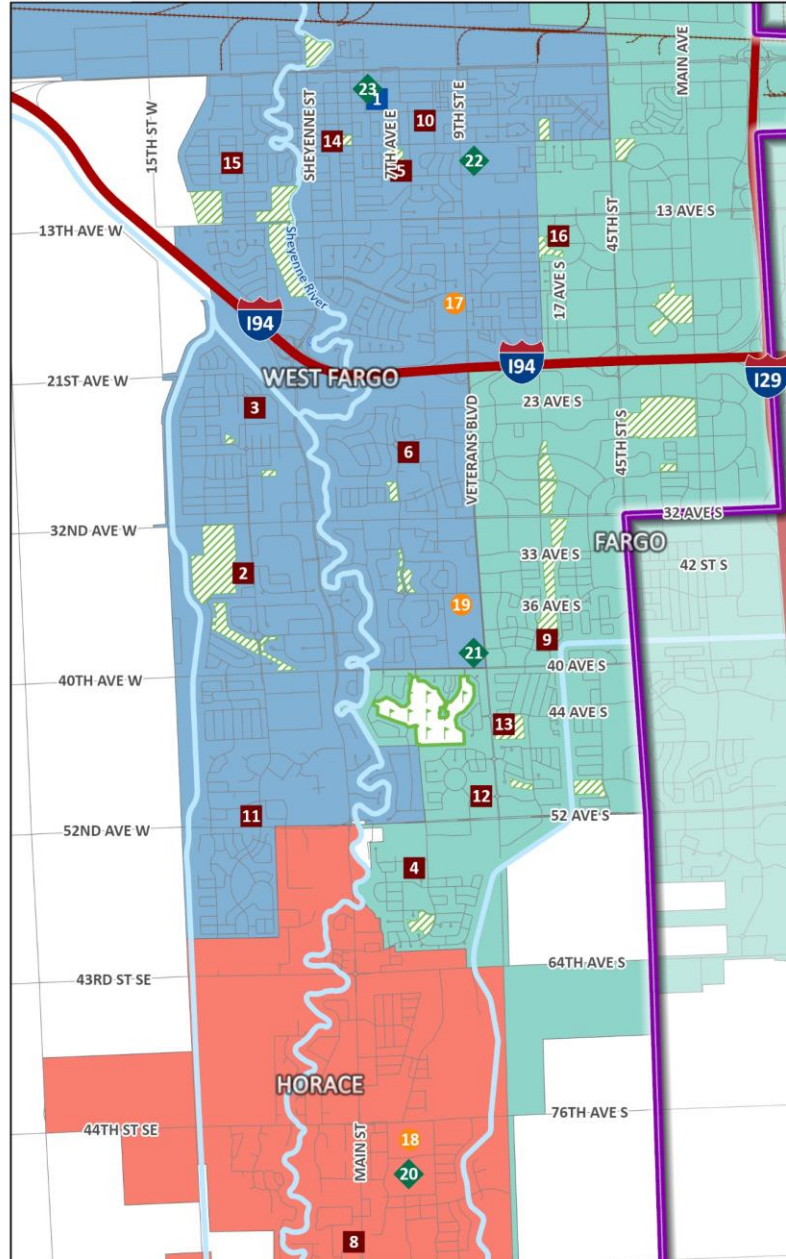
District Boundary Map

District Map

- District Boundary (Purple Line)
 - City Limits
 - Major Streets
 - Major water features & cultural features
- Fargo
 - Harwood
 - Horace
 - West Fargo



West Fargo Public Schools District Boundary



List of Schools			
1. Early Childhood Center	13. Osgood		
Elementary Schools			
2. Aurora	14. South		
3. Brooks Harbor	15. Westside		
4. Deer Creek	16. Willow Park		
5. Eastwood	Middle Schools		
6. Freedom	17. Cheney	18. Heritage	
7. Harwood	19. Liberty	High Schools	
8. Horace	20. Horace	21. Sheyenne	22. West Fargo
9. Independence	22. West Fargo	23. Community	
10. L E Berger			
11. Legacy			
12. Meadowlark			

District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	
Cities	
Fargo	West Fargo
Harwood	Horace



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

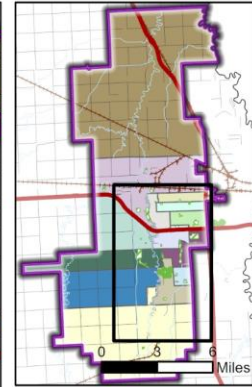
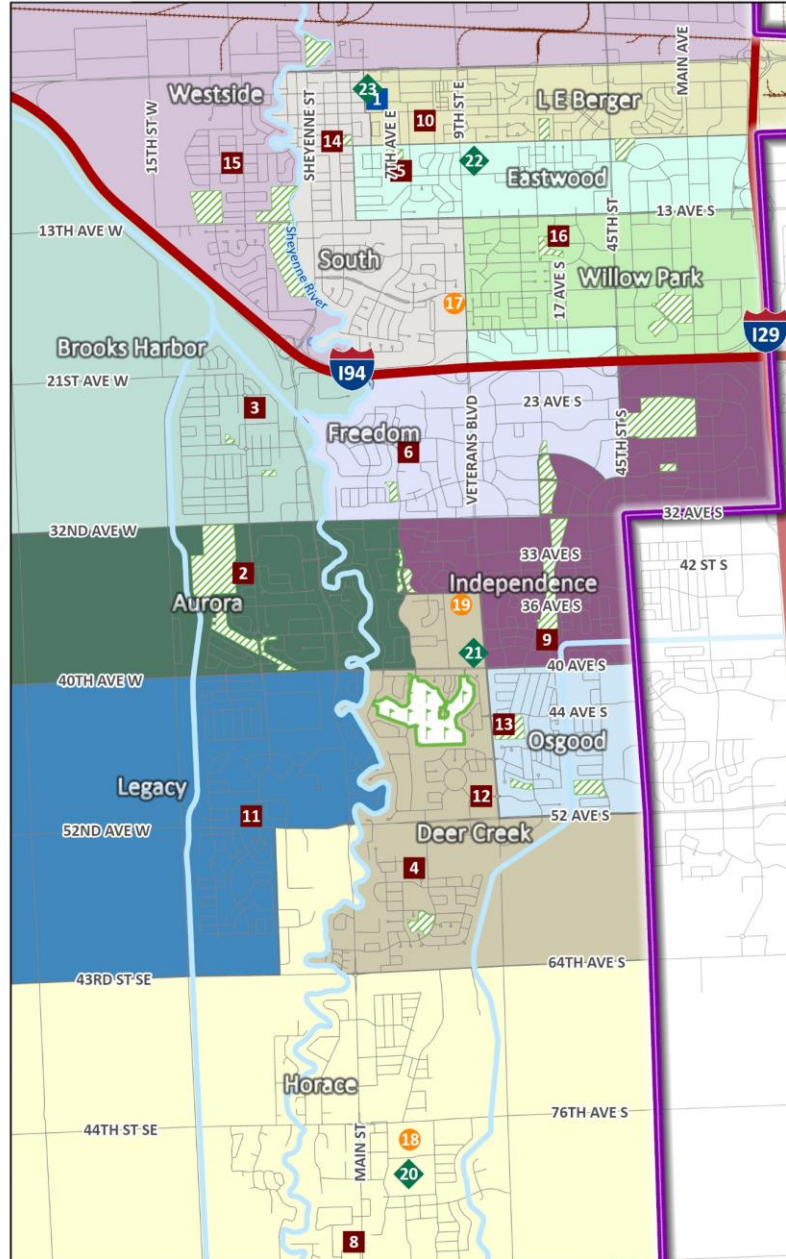
2023/24 Elementary Boundary Map

Attendance Areas (Solid Colors)

1. Early Childhood Center
2. Aurora
3. Brooks Harbor
4. Deer Creek
5. Eastwood
6. Freedom
7. Harwood
8. Horace
9. Independence
10. L. E. Berger
11. Legacy
12. Meadowlark (opens in 2024/25)
13. Osgood
14. South
15. Westside
16. Willow Park



West Fargo Public Schools Elementary School Attendance Areas



List of Schools	12. Meadowlark
1. Early Childhood Center	13. Osgood
	14. South
Elementary Schools	15. Westside
2. Aurora	16. Willow Park
3. Brooks Harbor	Middle Schools
4. Deer Creek	17. Cheney
5. Eastwood	18. Heritage
6. Freedom	19. Liberty
7. Harwood	High Schools
8. Horace	20. Horace
9. Independence	21. Sheyenne
10. L. E. Berger	22. West Fargo
11. Legacy	23. Community
District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	Independence
Aurora	L E Berger
Brooks Harbor	Legacy
Deer Creek	Osgood
Eastwood	South
Freedom	Westside
Harwood	Willow Park
Horace	

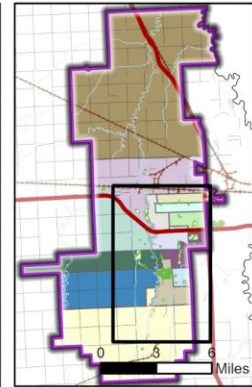
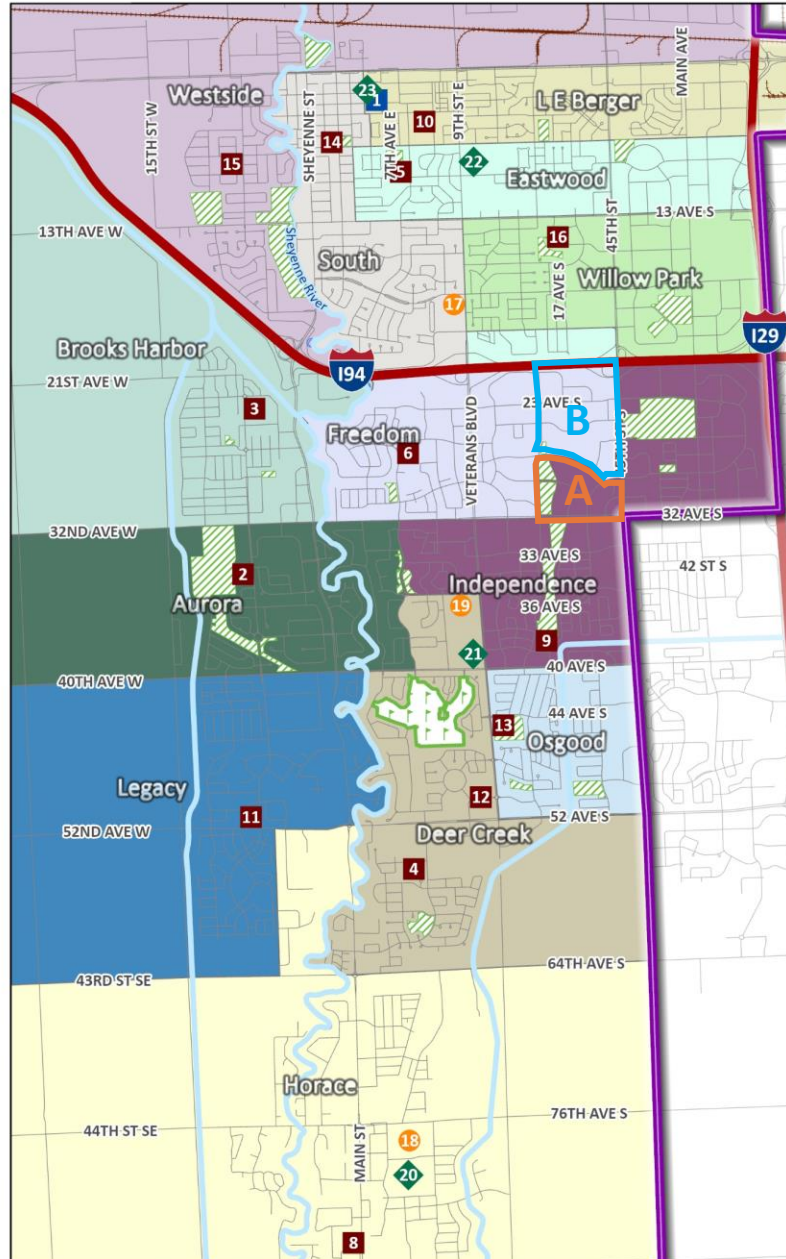


Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Elementary Boundary Adjustments



West Fargo Public Schools Elementary School Attendance Areas



- | | |
|---------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| | 14. South |
| Elementary Schools | 15. Westside |
| 2. Aurora | 16. Willow Park |
| 3. Brooks Harbor | Middle Schools |
| 4. Deer Creek | 17. Cheney |
| 5. Eastwood | 18. Heritage |
| 6. Freedom | 19. Liberty |
| 7. Harwood | High Schools |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | Independence |
| Aurora | L E Berger |
| Brooks Harbor | Legacy |
| Deer Creek | Osgood |
| Eastwood | South |
| Freedom | Westside |
| Harwood | Willow Park |
| Horace | |

Attendance Adjustments (Transition Plan):

- ❑ **Area A & B together:** Kdg to 1st graders attend Independence Elementary; all 5th graders attend Freedom Elementary
- ❑ **Area A alone:** Kdg to 4th graders attend Independence Elementary
- ❑ **Area B alone:** 2nd to 3rd grade attend Freedom Elementary

Source: <https://www.west-fargo.k12.nd.us/Page/7987>

Notes:

Transition Plan: When Meadowlark Elementary School opens (2024/25) students will likely attend the school zone their address is assigned to.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

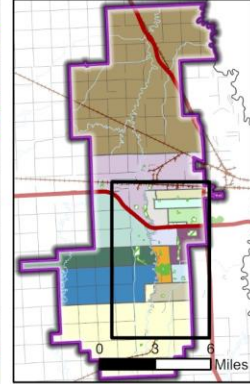
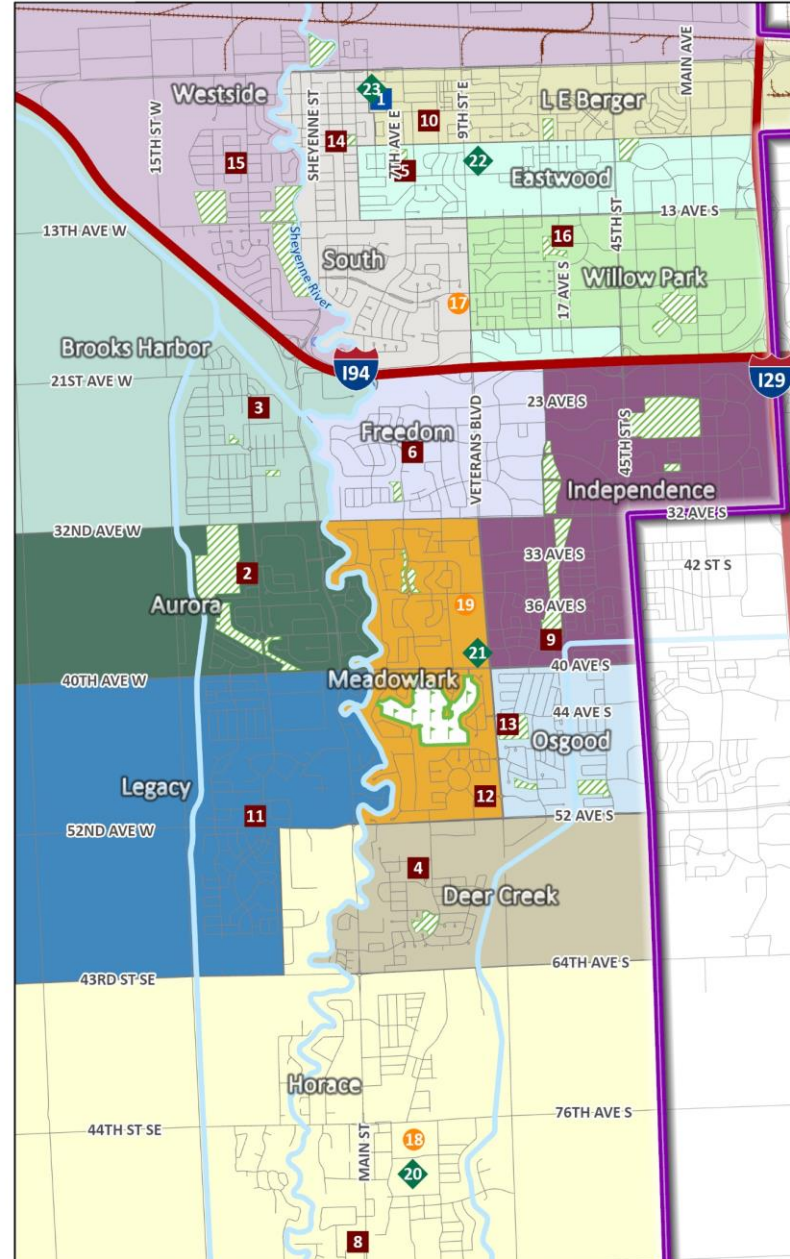
2024/25 Elementary Boundary Map

Attendance Areas (Solid Colors)

1. Early Childhood Center
2. Aurora
3. Brooks Harbor
4. Deer Creek
5. Eastwood
6. Freedom
7. Harwood
8. Horace
9. Independence
10. L. E. Berger
11. Legacy
12. Meadowlark (opens in 2024/25)
13. Osgood
14. South
15. Westside
16. Willow Park



West Fargo Public Schools Elementary 2024/25 Attendance Areas



List of Schools	
1. Early Childhood Center	12. Meadowlark
2. Aurora	13. Osgood
3. Brooks Harbor	14. South
4. Deer Creek	15. Westside
5. Eastwood	16. Willow Park
6. Freedom	Middle Schools
7. Harwood	17. Cheney
8. Horace	18. Heritage
9. Independence	19. Liberty
10. L. E. Berger	High Schools
11. Legacy	20. Horace
	21. Sheyenne
	22. West Fargo
	23. Community

District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	
Aurora	L. E. Berger
Brooks Harbor	Legacy
Deer Creek	Meadowlark
Eastwood	Osgood
Freedom	South
Harwood	Westside
Horace	Willow Park
Independence	



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Secondary Boundary Map

Middle School Attendance Areas

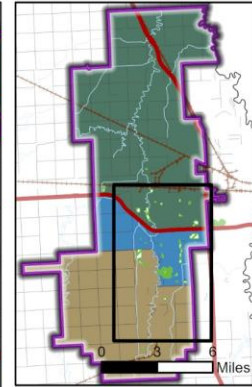
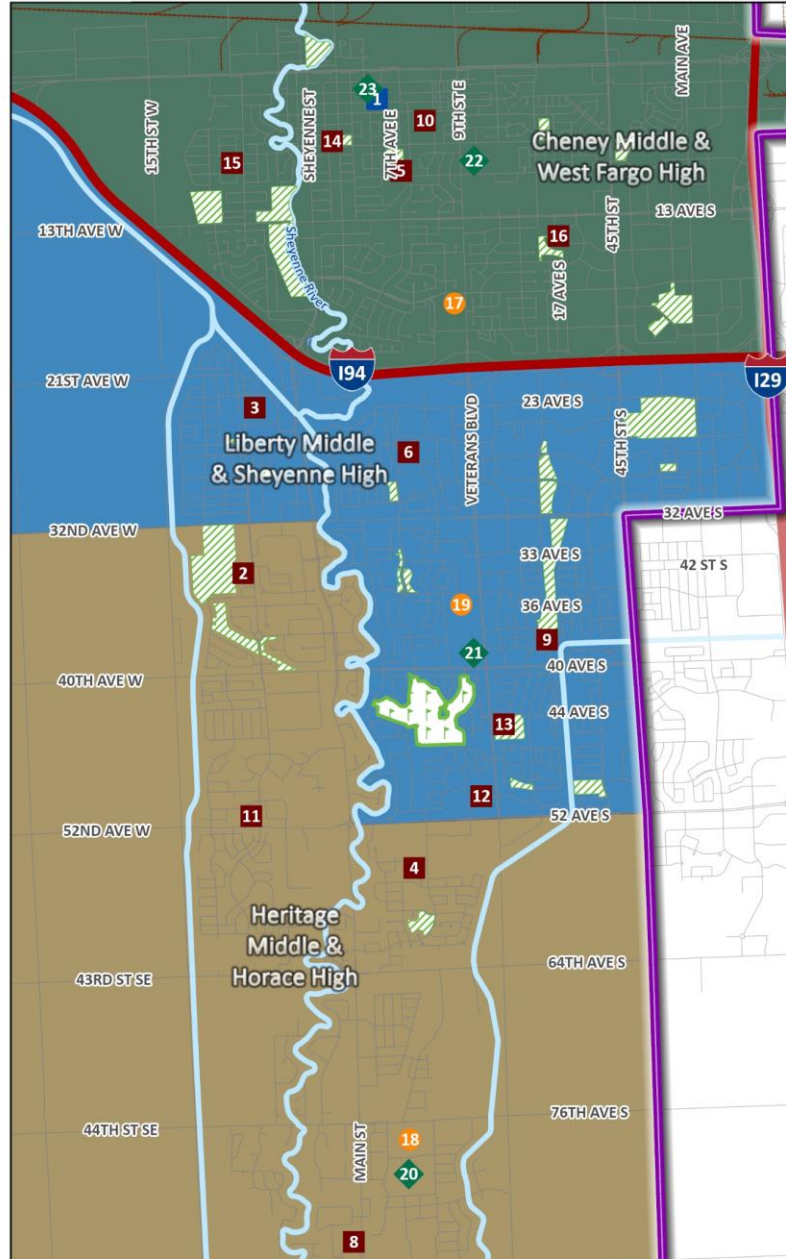
- 17. Cheney Middle
- 22. West Fargo High

- 18. Heritage Middle
- 20. Horace High

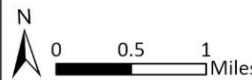
- 19. Liberty Middle
- 21. Sheyenne High



West Fargo Public Schools Secondary Attendance Areas



- | | |
|--|--|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
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| 3. Brooks Harbor | 15. Westside |
| 4. Deer Creek | 16. Willow Park |
| 5. Eastwood | 17. Cheney |
| 6. Freedom | 18. Heritage |
| 7. Harwood | 19. Liberty |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| Elementary Schools | Middle Schools |
| High Schools | |
| <ul style="list-style-type: none"> ▬ District Boundary ■ Pre-K ■ Elementary School ● Middle School ■ High School ▭ Golf Course ▨ Park | <ul style="list-style-type: none"> ■ Cheney Middle & West Fargo High ■ Heritage Middle & Horace High ■ Liberty Middle & Sheyenne High |



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Current Feeder System

Elementary School

Middle School

High School

Eastwood

Harwood

L. E. Berger

South

Westside

Willow Park

Brooks Harbor

Independence

Freedom

Osgood

Aurora

Deer Creek

Horace

Legacy

Cheney
Middle



West
Fargo
High

Liberty
Middle



Sheyenne
High

Heritage
Middle



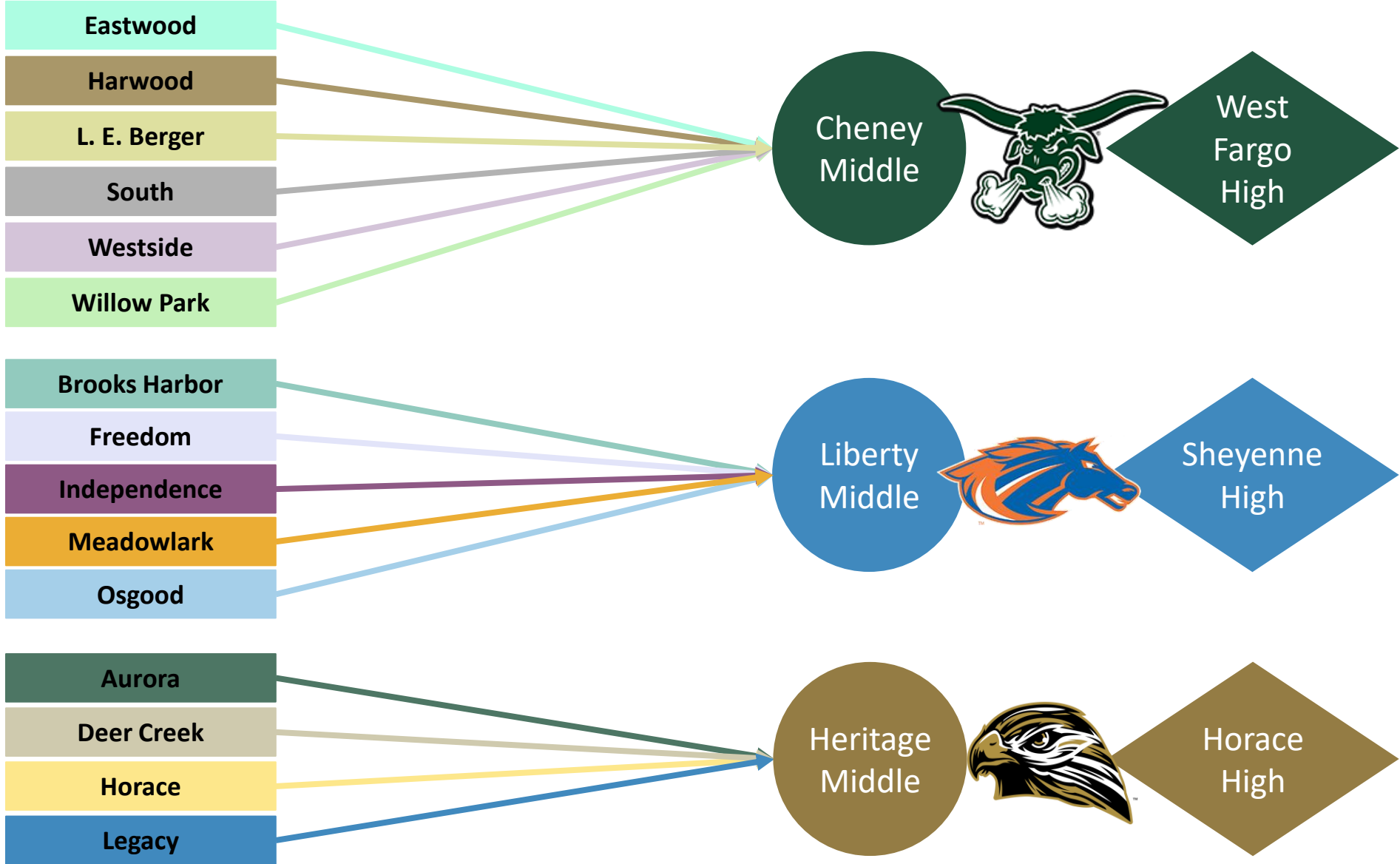
Horace
High

Future Feeder System (Meadowlark opens in 2024/25)

Elementary School

Middle School

High School



Planning Areas

Map Details

- There are over **450** planning areas RSP monitors (green)
- Planning areas are created by RSP using:
 - Land Use (Residential, Commercial, Industrial)
 - Residential Density (Single-Family, Mobile Home, Duplex, Apartment)
 - Natural Features (Rivers, Creeks)
 - Manmade Features (Railroad, Streets)
 - School Attendance Areas

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



West Fargo Public Schools Planning Areas-Detail



List of Schools	12. Meadowlark
1. Early Childhood Center	13. Osgood
Elementary Schools	14. South
2. Aurora	15. Westside
3. Brooks Harbor	16. Willow Park
4. Deer Creek	Middle Schools
5. Eastwood	17. Cheney
6. Freedom	18. Heritage
7. Harwood	19. Liberty
8. Horace	High Schools
9. Independence	20. Horace
10. L E Berger	21. Sheyenne
11. Legacy	22. West Fargo
	23. Community
District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	
Year Built	2010 to 2015
Before 2000	After 2015
2000 to 2005	Planning Areas
2005 to 2010	Parcels



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

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

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

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

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

Understanding the Model

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

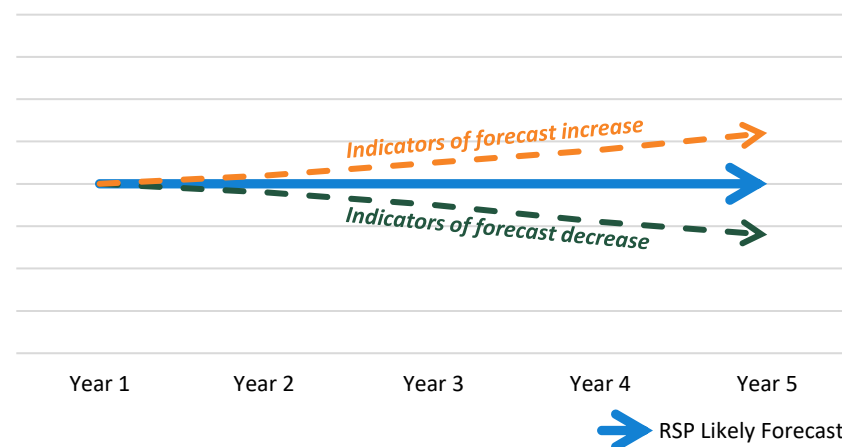
See graphic below to illustrate how the different variables may impact forecasted enrollment outlook:

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:

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.

Example of Forecast Evolution





Birth Rate Information

Cass County, ND Live Births and West Fargo Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2007	2,055			2012/13	775	37.7%
2008	2,096	41	2.0%	2013/14	842	40.2%
2009	2,170	74	3.5%	2014/15	890	41.0%
2010	2,156	-14	-0.6%	2015/16	865	40.1%
2011	2,239	83	3.8%	2016/17	877	39.2%
2012	2,363	124	5.5%	2017/18	960	40.6%
2013	2,463	100	4.2%	2018/19	1,002	40.7%
2014	2,569	106	4.3%	2019/20	1,042	40.6%
2015	2,561	-8	-0.3%	2020/21	1,014	39.6%
2016	2,629	68	2.7%	2021/22	1,088	41.4%
2017	2,525	-104	-4.0%	2022/23	1,111	44.0%
2018	2,450	-75	-3.0%	2023/24	1,033	42.2%
2019	2,436	-14	-0.6%	2024/25	919	1,072
2020	2,351	-85	-3.5%	2025/26	887	1,034
2021	2,512	161	6.8%	2026/27	947	1,105
2022	2,342	-170	-6.8%	2027/28	883	1,030
2023	2,354	12	0.5%	2028/29	888	1,036
3-Year Average	2,402.7	1.00				
3-Year Weighted Average	2,376.3	-23.83				

Source: North Dakota of Department of Health and West Fargo Public Schools

 Low Range
 High Range

Live Birth Observations

- Tracks the number of live births and the corresponding number of kindergarten students in West Fargo Public Schools five years later
- The number of live births have decreased since the peak in 2016; the past two year has been stable around 2,300 births per year (3-year average of 1 more live birth per year)
- West Fargo Public Schools enrolls around 37-44% of Cass County live births in kindergarten five years later
- Kindergarten enrollment has increased to over 1,000 students that past five years
- Based on this variable, the kindergarten classes moving forward are forecasted to be between:
 - Low: 883 to 947 Kdg students
 - High: 1,030 to 1,072 Kdg students

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

+ Past Enrollment by Grade

NORTH DAKOTA SCHOOL DISTRICT - Dept of Education

Enrollment By Grade

Year	PK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	PK-12		
															Total	Change	% Change
2003/04	35	429	448	415	422	402	443	411	423	404	444	435	332	385	5,428		
2004/05	63	426	462	437	423	431	418	451	433	420	452	379	389	314	5,498	70	1.3%
2005/06	68	426	491	474	451	434	438	431	461	443	459	415	336	366	5,693	195	3.5%
2006/07	71	484	474	502	493	475	431	444	456	471	448	451	374	347	5,921	228	4.0%
2007/08	83	434	530	476	521	500	495	457	470	465	489	452	416	366	6,154	233	3.9%
2008/09	59	565	534	550	518	529	510	544	479	493	493	494	435	417	6,620	466	7.6%
2009/10	80	631	564	543	555	500	532	428	467	493	514	505	498	462	6,772	152	2.3%
2010/11	71	620	626	571	553	577	515	473	428	462	516	492	484	494	6,882	110	1.6%
2011/12	78	744	628	643	565	579	588	456	493	449	556	495	484	487	7,245	363	5.3%
2012/13	84	775	753	695	666	591	606	517	478	507	562	568	485	517	7,804	559	7.7%
2013/14	94	842	783	780	716	678	601	639	620	589	608	572	538	494	8,554	750	9.6%
2014/15	102	890	837	803	774	712	692	628	653	629	613	623	561	564	9,081	527	6.2%
2015/16	117	865	898	858	803	772	712	708	675	659	670	602	623	583	9,545	464	5.1%
2016/17	104	877	856	898	835	824	825	731	741	673	692	672	595	631	9,954	409	4.3%
2017/18	114	960	909	862	904	839	834	825	749	760	692	712	659	647	10,466	512	5.1%
2018/19	123	1,002	965	899	879	899	845	805	848	750	765	700	672	724	10,876	410	3.9%
2019/20	138	1,042	1,027	986	914	888	929	887	822	828	752	766	698	704	11,381	505	4.6%
2020/21	126	1,014	963	987	952	883	884	930	887	829	836	772	747	733	11,543	162	1.4%
2021/22	159	1,088	1,034	1,039	1,016	970	924	896	949	904	872	858	756	791	12,256	713	6.2%
2022/23	162	1,111	1,104	1,029	1,052	1,013	991	924	921	960	907	901	836	792	12,703	447	3.6%
2023/24	177	1,033	1,083	1,076	1,034	1,053	1,009	988	913	928	962	906	869	855	12,886	183	1.4%

Source: North Dakota Department of Education and West Fargo Public Schools (2003/04 to 2023/24)

Observations:

- Largest K-12 class in 2023/24 – 1st Grade with 1,083 Students
- Smallest K-12 class in 2023/24 – 12th Grade with 855 Students
- Graduating senior class is smaller than the incoming Kindergarten class which will increase total enrollment
- Largest historical increase was from 2012/13 to 2013/14 with increase of 750 students or 9.6%
- Largest total enrollment since 2003/04 was this year in 2023/24
- 2023/24 has the largest grades since 2003/04 in: PreK, 2nd, 4th, 5th, 6th, 9th, 10th, 11th, and 12th

+ Cohort Student Change

Enrollment Grade Change

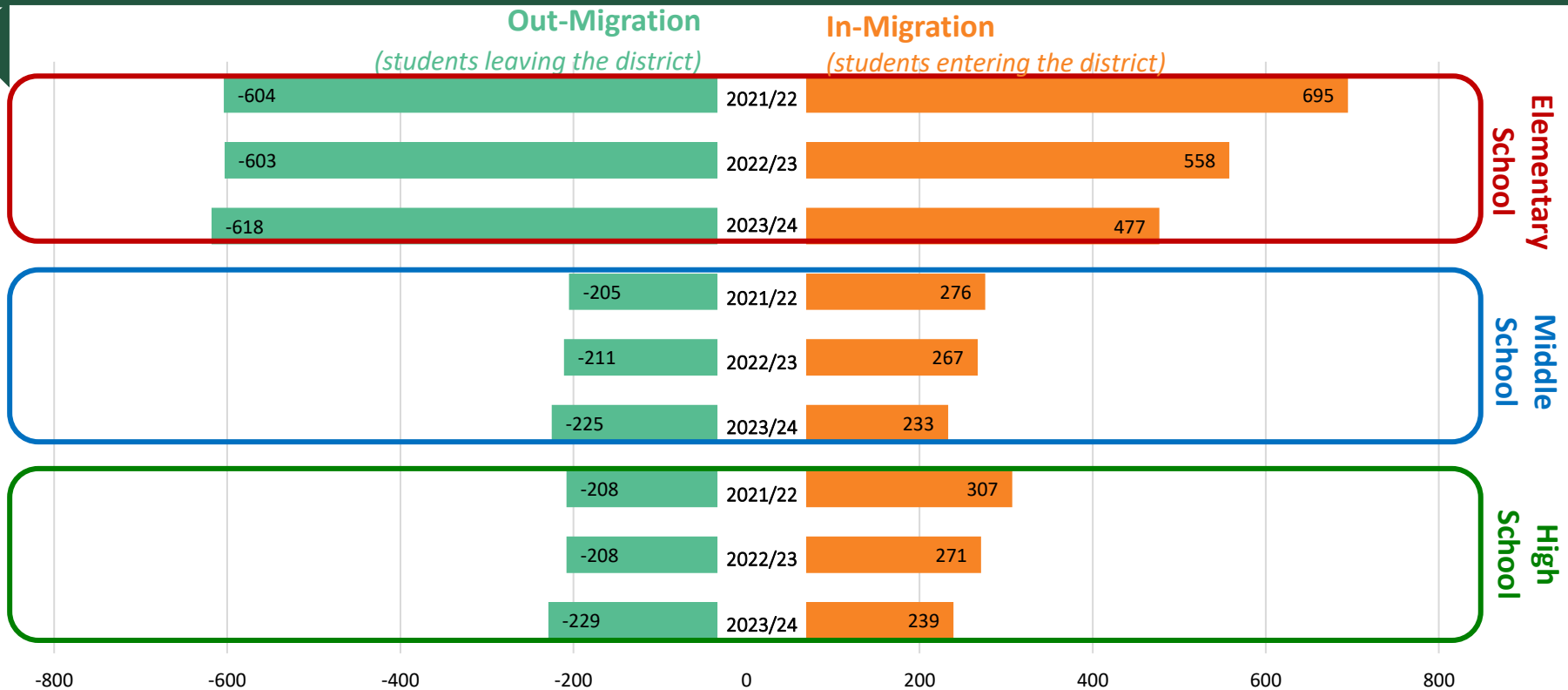
From	To	PK K	K 1st	1st 2nd	2nd 3rd	3rd 4th	4th 5th	5th 6th	6th 7th	7th 8th	8th 9th	9th 10th	10th 11th	11th 12th	PK-12	
															Change	% Change
2002/03	2003/04	429	448	415	422	402	443	411	423	404	444	435	332	385		
2003/04	2004/05	391	33	-11	8	9	16	8	22	-3	48	-65	-46	-18	70	1.3%
2004/05	2005/06	363	65	12	14	11	7	13	10	10	39	-37	-43	-23	195	3.5%
2005/06	2006/07	416	48	11	19	24	-3	6	25	10	5	-8	-41	11	228	4.0%
2006/07	2007/08	363	46	2	19	7	20	26	26	9	18	4	-35	-8	233	3.9%
2007/08	2008/09	482	100	20	42	8	10	49	22	23	28	5	-17	1	466	7.6%
2008/09	2009/10	572	-1	9	5	-18	3	-82	-77	14	21	12	4	27	152	2.3%
2009/10	2010/11	540	-5	7	10	22	15	-59	0	-5	23	-22	-21	-4	110	1.6%
2010/11	2011/12	673	8	17	-6	26	11	-59	20	21	94	-21	-8	3	363	5.3%
2011/12	2012/13	697	9	67	23	26	27	-71	22	14	113	12	-10	33	559	7.7%
2012/13	2013/14	758	8	27	21	12	10	33	103	111	101	10	-30	9	750	9.6%
2013/14	2014/15	796	-5	20	-6	-4	14	27	14	9	24	15	-11	26	527	6.2%
2014/15	2015/16	763	8	21	0	-2	0	16	47	6	41	-11	0	22	464	5.1%
2015/16	2016/17	760	-9	0	-23	21	53	19	33	-2	33	2	-7	8	409	4.3%
2016/17	2017/18	856	32	6	6	4	10	0	18	19	19	20	-13	52	512	5.1%
2017/18	2018/19	888	5	-10	17	-5	6	-29	23	1	5	8	-40	65	410	3.9%
2018/19	2019/20	919	25	21	15	9	30	42	17	-20	2	1	-2	32	505	4.6%
2019/20	2020/21	876	-79	-40	-34	-31	-4	1	0	7	8	20	-19	35	162	1.4%
2020/21	2021/22	962	20	76	29	18	41	12	19	17	43	22	-16	44	713	6.2%
2021/22	2022/23	952	16	-5	13	-3	21	0	25	11	3	29	-22	36	447	3.6%
2022/23	2023/24	871	-28	-28	5	1	-4	-3	-11	7	2	-1	-32	19	183	1.4%
3-Year Average		928.3	2.7	14.3	15.7	5.3	19.3	3.0	11.0	11.7	16.0	16.7	-23.3	33.0	447.7	3.8%
3-Year Weighted Average		913.2	-5.3	-3.0	11.7	2.5	11.8	0.5	6.0	10.0	9.2	12.8	-26.0	28.8	359.3	3.0%

Source: North Dakota Department of Education and West Fargo Public Schools (2003/04 to 2023/24)

Observations:

- Largest 3-year average K-12 class cohort increase – 11th to 12th grade **(+33)**
- Largest 3-year average K-12 class cohort decrease – 10th to 11th grade **(-23.3)**
- Overall percent change from previous year of 1.4% - increase of 183 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

3-Year Student Migration Trend



Source: West Fargo Public Schools and RSP

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 current year.

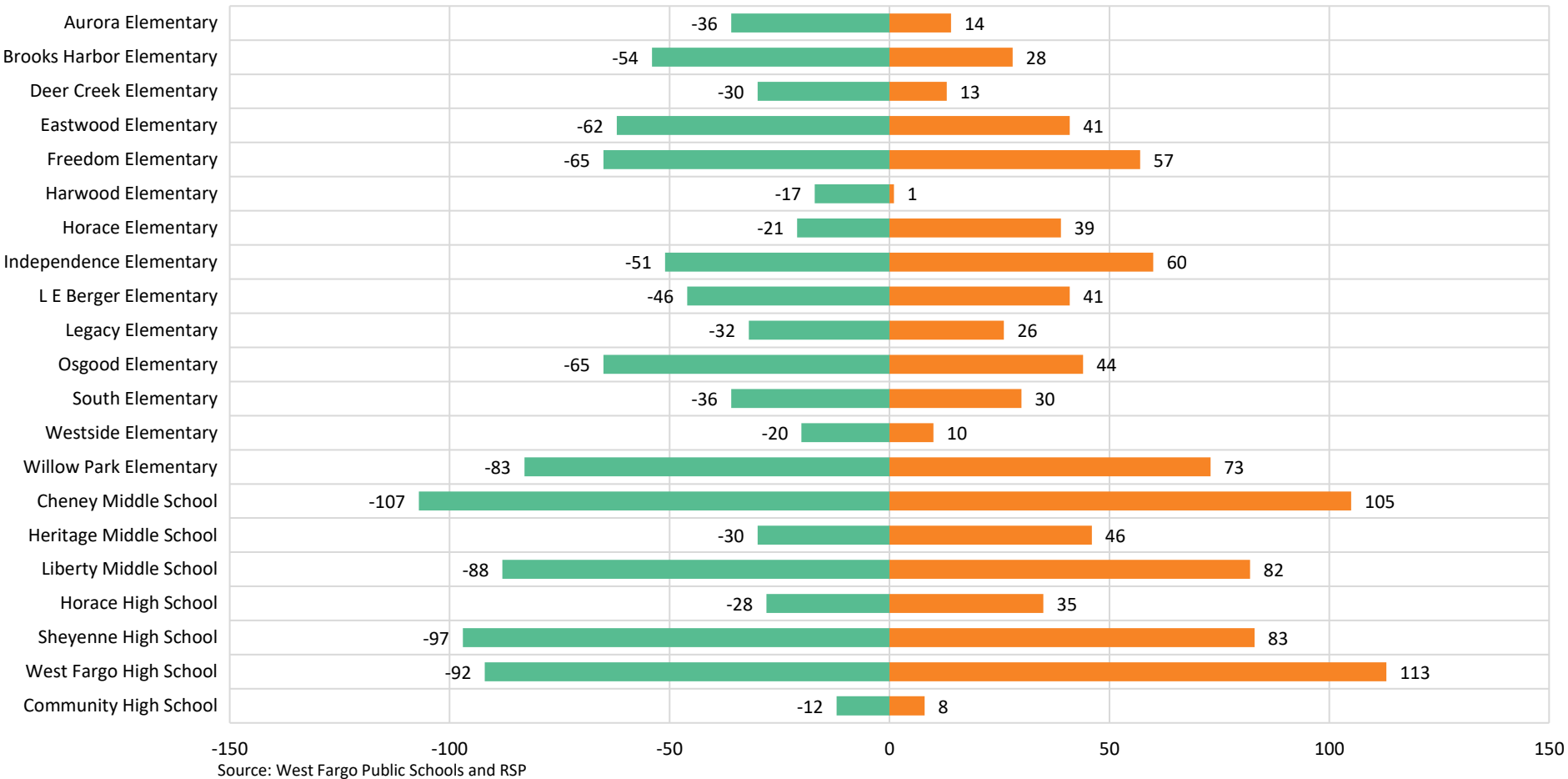
In-Migration: Shows number of students in grade 1st to 12th that are attending the District in the current year, but were not attending the District in the previous year.

Observations

- 2021/22 lost 1,017 students and gained 1,289 students; **NET: +261**
- 2022/23 lost 1,022 students and gained 1,096 students; **NET: +74**
- 2023/24 lost 1,072 students and gained 949 students; **NET: -123**

Main Takeaway: The district had a positive gain of transfer students the past two years. This year, the district saw more student migrating out than new students migrating into the district results in a net loss of transfer students.

2023/24 Student Migration by School (Attend)



Observations

- School with largest **NET Loss** from last year: Brooks Harbor Elementary (-26 students)
- School with largest **NET Gain** from last year: West Fargo High School (+21)
- **16 of 21 schools** this year saw more students migrating out of the district

K-12 Student Count Change Map



West Fargo Public Schools Student Count Change from 2019/20 to 2023/24 in Grades K-12



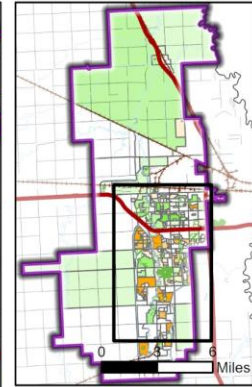
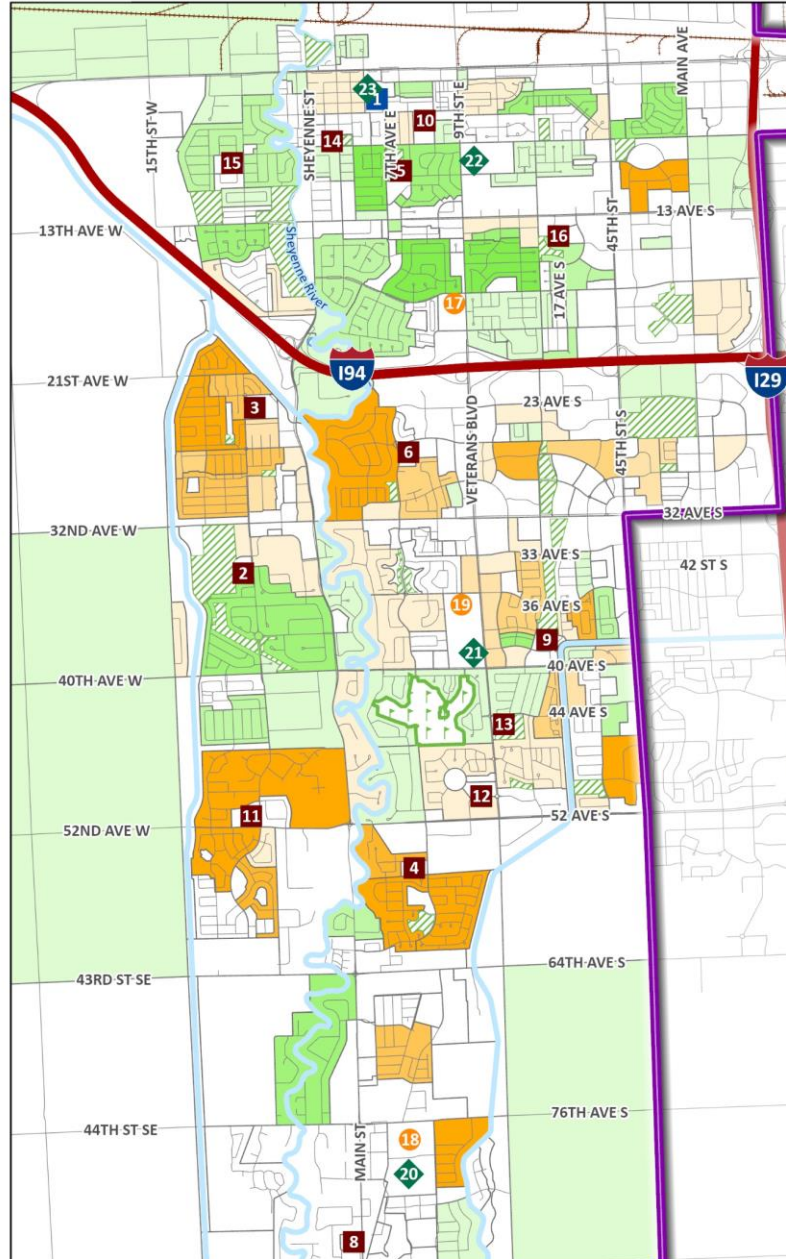
Map Details

- Depicts student movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

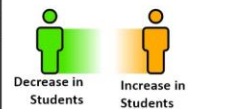
Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.

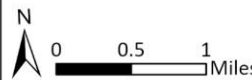
Main Takeaway: Areas of student increase are near Brooks Harbor (#3), Deer Creek (#4) Freedom (#6), and Legacy (#11) elementary schools



- | | |
|---------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| | 14. South |
| Elementary Schools | 15. Westpark |
| 2. Aurora | 16. Willow Park |
| 3. Brooks Harbor | Middle Schools |
| 4. Deer Creek | 17. Cheney |
| 5. Eastwood | 18. Heritage |
| 6. Freedom | 19. Liberty |
| 7. Harwood | High Schools |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |



Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.



Kindergarten Count Change Map

Map Details

- Depicts Kdg student movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

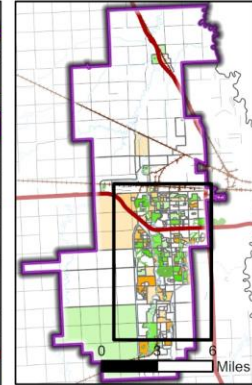
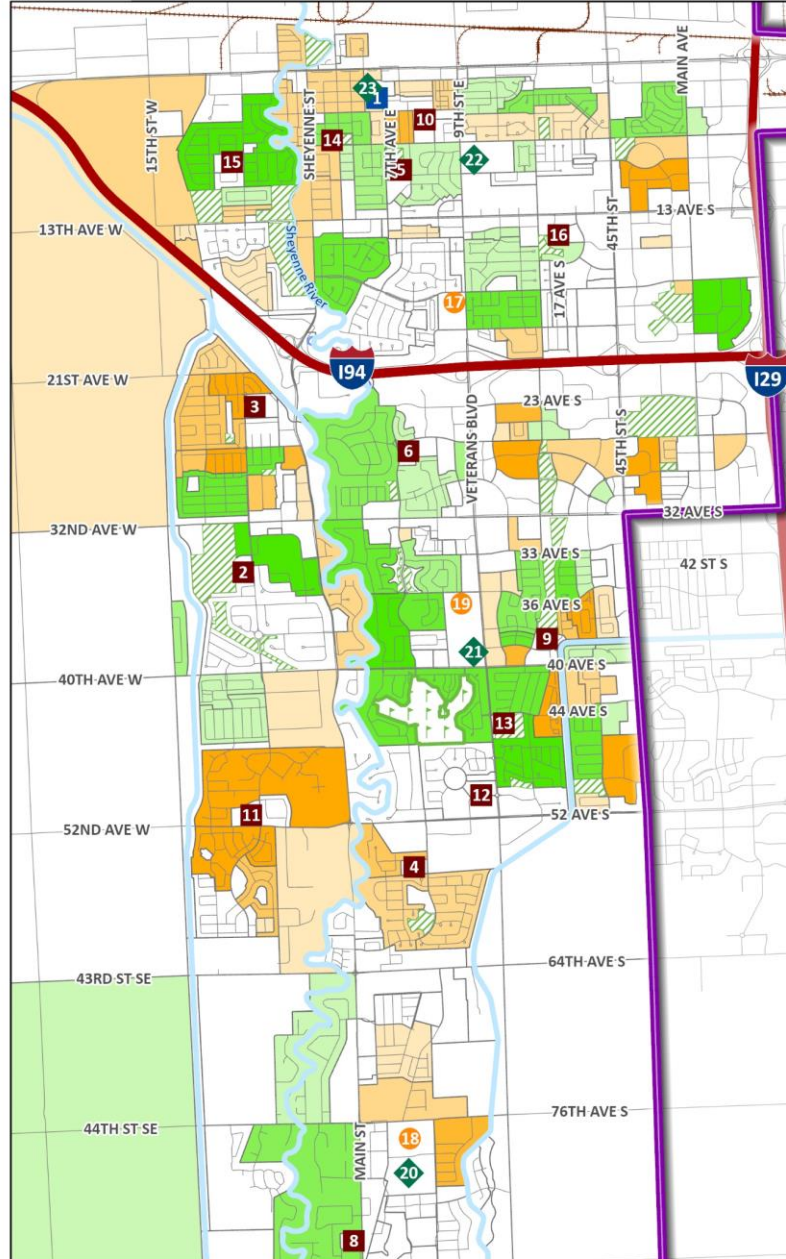
Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.

Main Takeaway: Kindergarten count of students along the western side of the district near Aurora and Freedom elementary schools



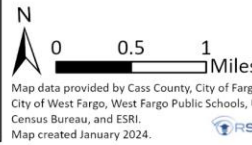
West Fargo Public Schools Student Count Change from 2019/20 to 2023/24 in Grades K



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Pre-K
 - Elementary School
 - Middle School
 - High School
 - Golf Course
 - Park



Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.



K-12 Student "Heat" Map

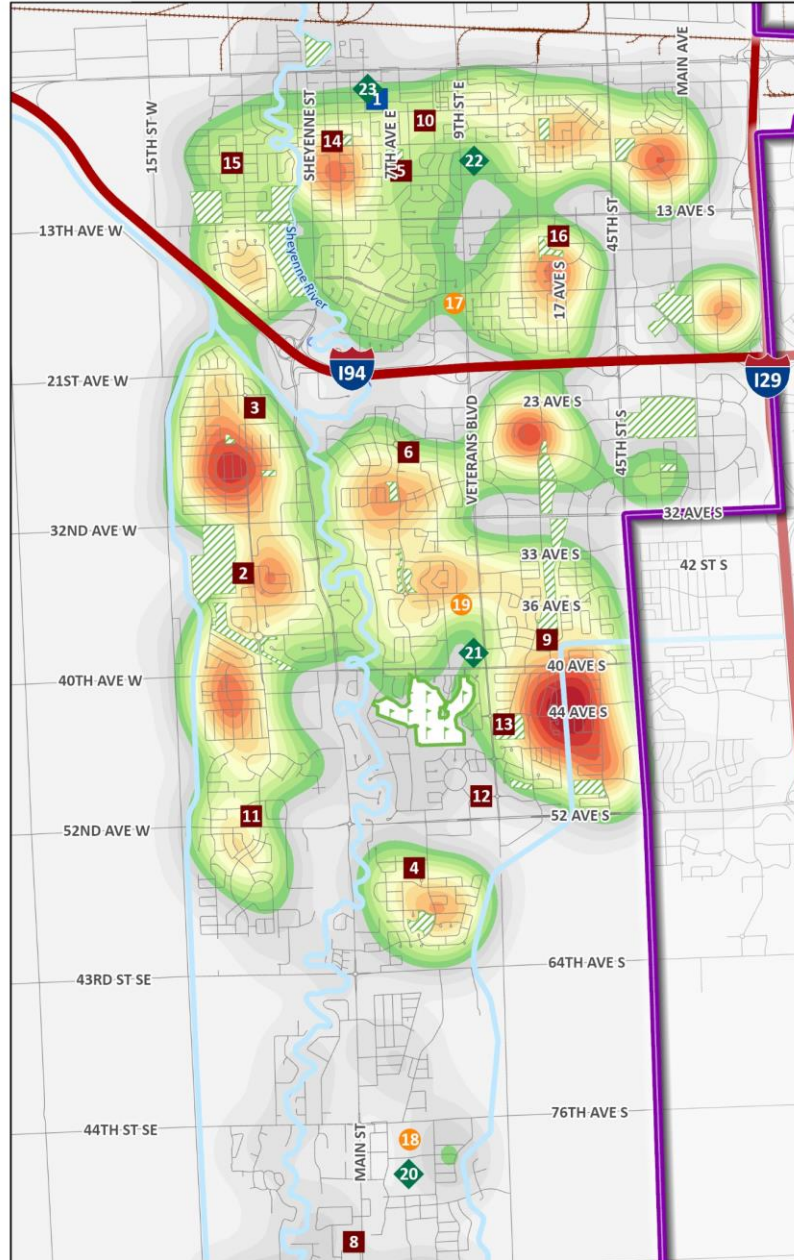
Map Details

- Visual shows the location of students in proximity to other students for a "heat affect" in the district.
- **Red:** highest student density
- **Gray:** lowest student density

Notes:

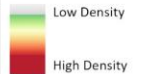
Overlapping points (2 or more students) are handled using a weighting of coincident points. Newer developments and/or most affordable areas tend to have the greatest density.

Main Takeaway: Total student heat density is greatest on the east side of the district near Independence (#9) and Osgood (#13) elementary schools



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
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| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Pre-K
 - Elementary School
 - Middle School
 - High School
 - Golf Course
 - Park

Student Density



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 Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

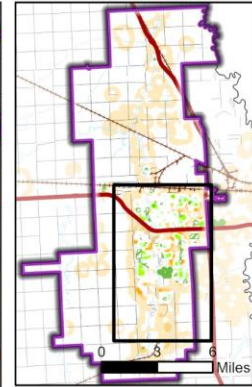
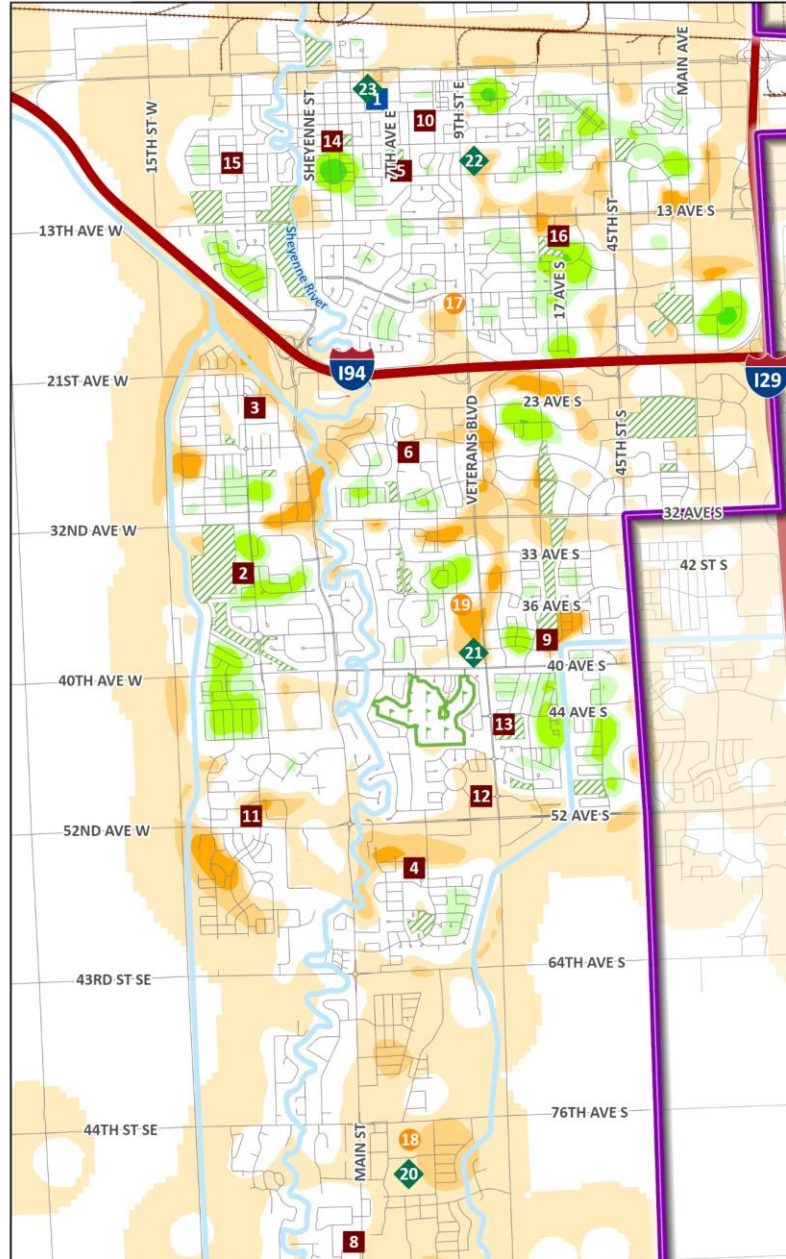
K-12 "Heat" Density Change Map

Map Details

- Visual shows the 5-year change of heat density in the district
- **Orange:** increase of student density
- **Green:** decrease of student density

Notes:

Overlapping points (2 or more students) are handled using a weighting of coincident points. Newer developments and/or most affordable areas tend to have the greatest density.



- | | |
|---------------------------|------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood South |
| 2. Aurora | 14. Westside |
| 3. Brooks Harbor | 15. Willow Park |
| 4. Deer Creek | 16. Willow Park |
| 5. Eastwood | 17. Cheney |
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| 7. Harwood | 19. Liberty |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
- | | |
|-------------------|-------------|
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | |



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 Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Enrollment Observation and Conclusion

RSP & Associates monitors almost 450 planning areas for demographic, development, and enrollment data sets



Live births in Cass County have been decreasing and kindergarten class size was lower this year – *indicator of student loss*



District enrollment increased by 183 students from last year – *indicator of student growth*

- Most grade levels increase as they work their way through the system
- Many classes in elementary and most of high school grades are the largest in history



Graduating senior classes are smaller than incoming kindergarten classes – *indicator of student growth*



District historically has had a positive migration trend for the past two years, but this year out-migration increased resulting in more schools having a net loss of transfer students – *indicator of student loss*

Greatest student density pockets are near Independence and Osgood elementary schools

Open enrollment/out of district student trends should continually be analyzed as change to open enrollment policy have impact on enrollment outlook.



Development and Growth Trends

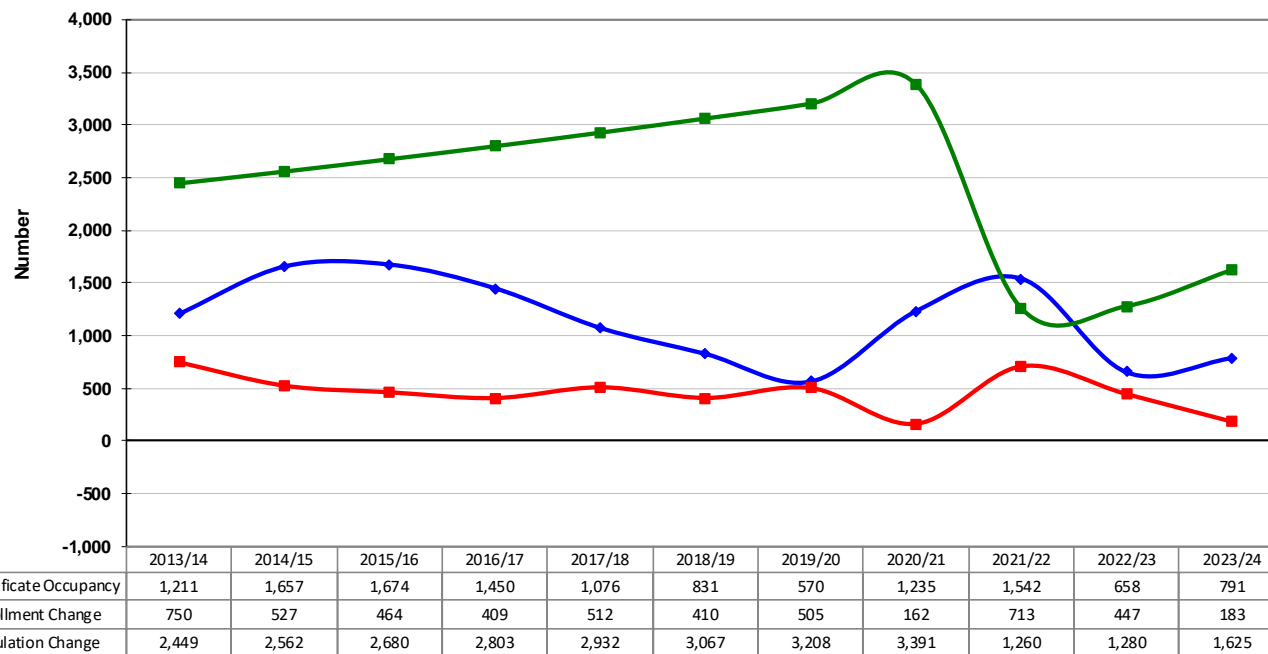
Population, Development, & Enrollment

Student Yield Rate

Housing Market Maps & Data

Potential Growth Analysis

Population, Development, & Enrollment



Source: Census Estimates, Cass County, West Fargo Public Schools Enrollment and RSP SFM & Demographic Models

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 1,000+ units a year
 - Number of new units built has decreased the last two years
- **GREEN LINE:** Census data indicates an increasing population
 - Population shows the estimate growth of the whole decade
 - New decennial census often affect year-to-year change
- **RED LINE:** Student enrollment has been increasing year to year
 - 2020/21 saw a smaller growth of students then previous years, likely due to COVID-19 pandemic

Student Yield Rate: Single-Family



Schools	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Aurora Elementary	39	38	38	37	39	39	40	39	37	35	38.1
Brooks Harbor Elementary	19	24	21	23	26	28	29	31	34	31	26.6
Deer Creek Elementary	28	32	28	26	28	32	30	31	33	31	29.9
Eastwood Elementary	22	21	22	22	20	19	18	17	16	13	19
Freedom Elementary	32	37	35	40	41	44	39	45	44	43	40
Harwood Elementary	19	20	18	16	16	15	13	14	13	11	15.5
Horace Elementary	27	28	26	26	24	24	23	20	22	24	24.4
Independence Elementary	32	37	35	36	37	39	36	37	35	32	35.6
L E Berger Elementary	19	17	18	16	16	18	18	18	19	18	17.7
Legacy Elementary	37	43	40	43	40	41	36	37	34	32	38.3
Osgood Elementary	34	36	37	36	35	37	32	33	33	32	34.5
South Elementary	23	20	19	17	17	17	16	17	15	14	17.5
Westside Elementary	24	23	23	23	24	21	20	20	19	18	21.5
Willow Park Elementary	27	25	22	21	18	19	19	21	18	18	20.8
District (K-5):	27	27	26	26	26	27	26	26	26	25	26.2

Table Legend

-  +3 and greater from District Average
-  -3 and fewer from District Average

Source: Cass County, RSP & Associates, and West Fargo Public Schools

Single-Family Yield Rate Observations



- Table shows the number of students per 100 single-family (SF) units by year and by elementary boundary
- District sees on average 26 K-5 students per 100 single-family households
- Freedom Elementary has the largest 2023 SF yield rate with 43 students per 100 single-family households
- Harwood Elementary has the smallest 2023 SF Yield rate with 11 students per 100 single-family households
- Adding new housing inventory can increase the yield rate
- **There were 4,169 single-family homes built from 2014 to 2024**

Student Yield Rate: Multi-Family



Schools	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Aurora Elementary	13	11	13	12	10	12	12	15	13	12	12.3
Brooks Harbor Elementary	6	7	8	10	12	12	11	13	15	15	10.9
Deer Creek Elementary	19	24	20	21	23	25	26	30	33	33	25.4
Eastwood Elementary	10	10	10	11	10	10	10	10	11	11	10.3
Freedom Elementary	6	6	7	8	8	9	10	10	11	11	8.6
Harwood Elementary	3	3	0	9	6	3	0	3	6	6	3.9
Horace Elementary	42	38	28	22	24	20	21	23	22	15	25.5
Independence Elementary	4	5	5	6	6	6	6	5	6	7	5.6
L E Berger Elementary	15	13	13	12	11	12	11	11	11	11	12
Legacy Elementary	16	17	19	19	21	22	18	18	19	18	18.7
Osgood Elementary	15	13	14	15	15	15	15	16	17	16	15.1
South Elementary	15	13	13	11	12	10	9	8	9	9	10.9
Westside Elementary	12	11	11	11	11	11	10	10	10	10	10.7
Willow Park Elementary	9	9	10	10	10	12	12	11	11	11	10.5
District (K-5):	11	10	11	11	11	11	11	11	12	12	11.1

Table Legend

-  +3 and greater from District Average
-  -3 and fewer from District Average

Source: Cass County, RSP & Associates, and West Fargo Public Schools

Multi-Family Yield Rate Observations

- Table shows the number of students per 100 multi-family (MF) units by year and by elementary boundary
- District sees on average 11 students per 100 multi-family households
- Deer Creek Elementary has the largest 2023 MF yield rate with 33 students per 100 multi-family households
- Harwood Elementary has the smallest 2023 MF yield rate with 6 students per 100 multi-family households
- Adding new housing inventory can increase the yield rate
- **There was 7,366 multi-family homes built from 2014 to 2024**

Average Year Built Map

Map Details

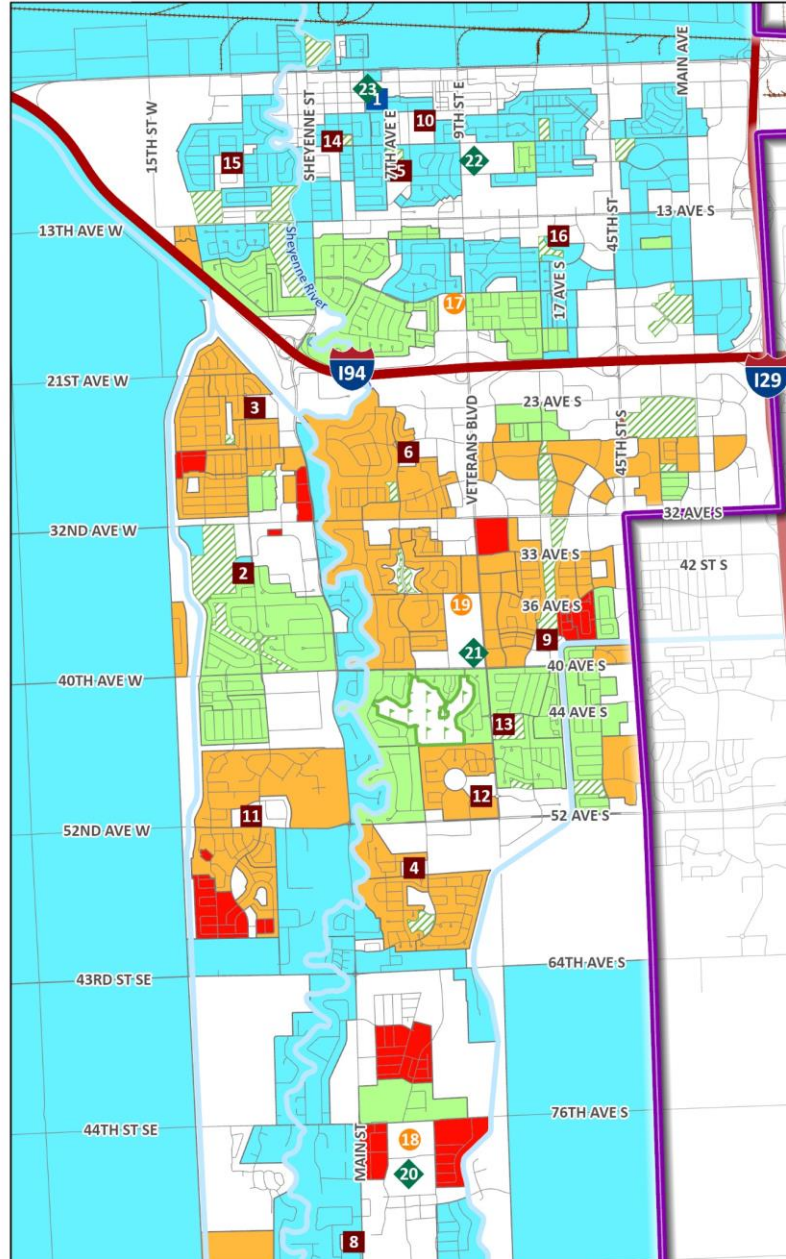
- Year built data provided by Cass County
- Colors to show decade units were built
 - **White** – no data
 - **Blue** – before 2000
 - **Green** – 2000 to 2010
 - **Orange** – 2010 to 2020
 - **Red** – After 2020

Notes

Averages based on RSP Planning Areas and the units built in them. Based on a planning area and could be influenced by the number of units prior to new units being built.

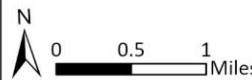


West Fargo Public Schools Average Year Built



- | | |
|---------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| | 14. South |
| Elementary Schools | 15. Westside |
| 2. Aurora | 16. Willow Park |
| 3. Brooks Harbor | Middle Schools |
| 4. Deer Creek | 17. Cheney |
| 5. Eastwood | 18. Heritage |
| 6. Freedom | 19. Liberty |
| 7. Harwood | High Schools |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | 2000 to 2010 |
| No Data | 2010 to 2020 |
| Before 2000 | After 2020 |

Year Built provided by Cass County, The City of Fargo, & West Fargo. Average Year Built displayed by planning area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Median Home Value Map

Map Details

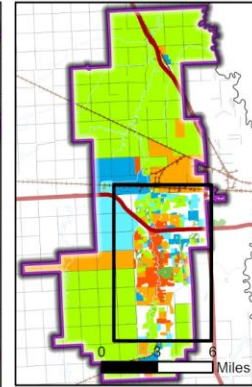
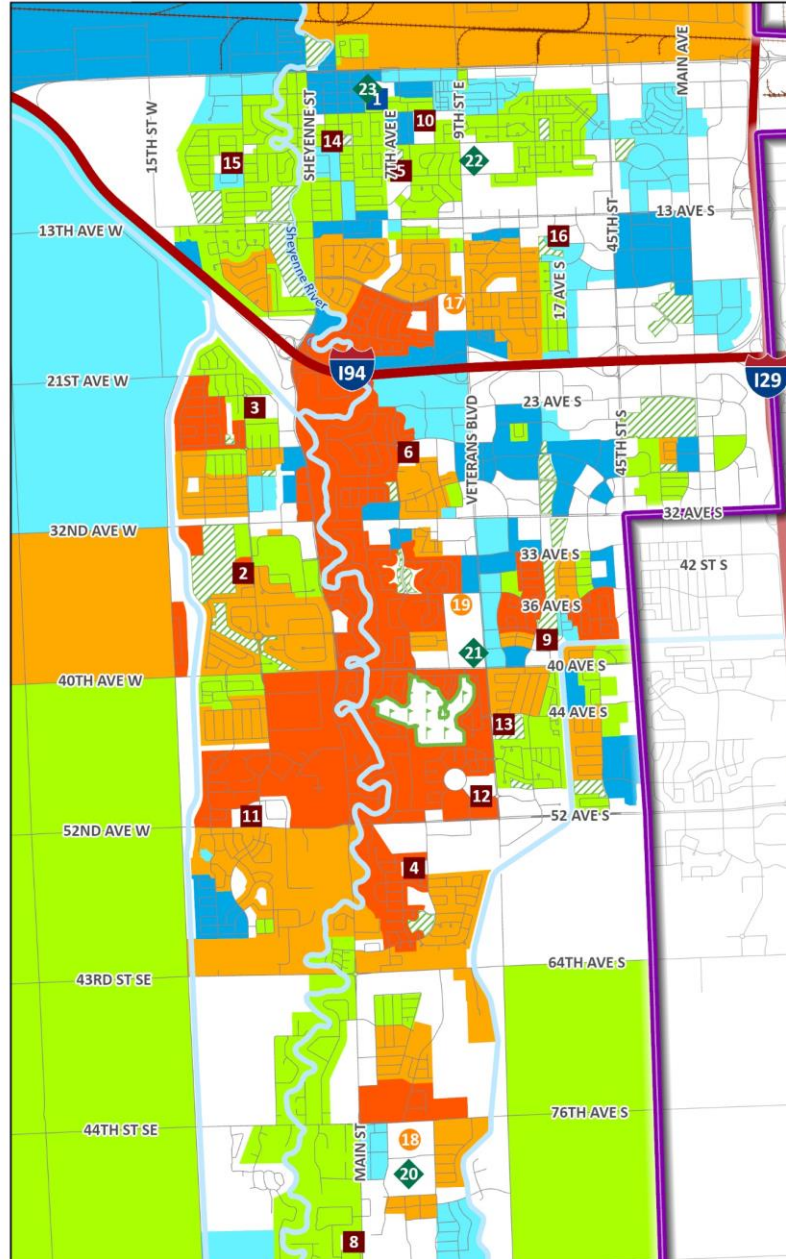
- **Orange to Red:** greatest Median Home Value
- **Green to Blue:** greatest affordability

Notes

Based on assessed Home Value as provided and maintained by Cass County assessor's office. Depicted by Median Value in each Planning Area - Based on a planning area and could be influenced by the number of units prior to new units being built. Home values likely correlated to socio-economic status – new areas tend to be the least affordable.



West Fargo Public Schools Median Home Value



- | | |
|---------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
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| 7. Harwood | High Schools |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Sheyenne |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | |
| Median Home Value | |
| No Residential | |
| < \$75,000 | |
| \$75,001 to \$150,000 | |
| \$150,001 to \$250,000 | |
| \$250,001 to \$350,000 | |
| > \$350,000 | |

Property values provided by Cass County, The City of Fargo, & West Fargo. Median Values displayed by planning area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Recent Year Built Map

Map Details

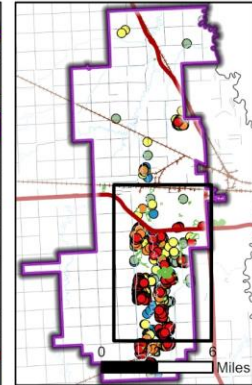
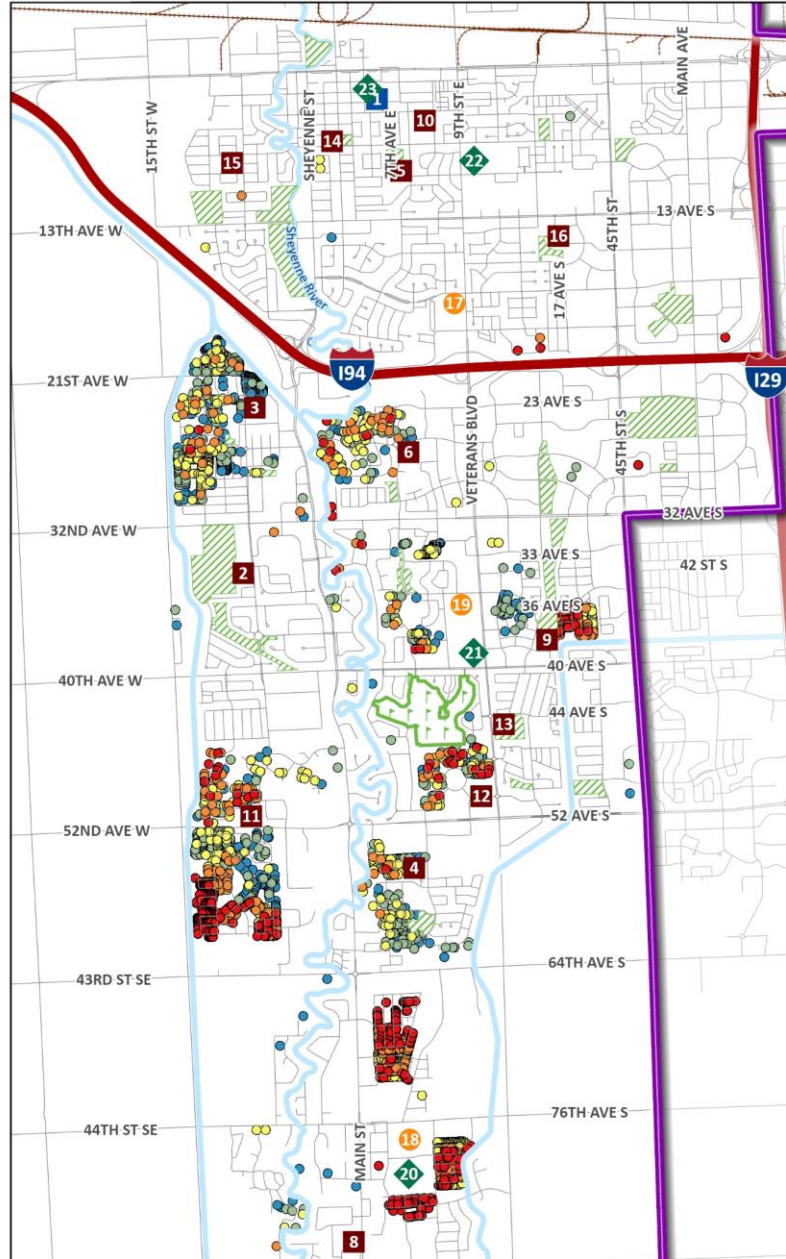
- Reveals the clusters of where recent residential development has occurred
- Some new areas do not necessarily lead to similar yield rates of like developments
- Colors of dots represent a specific year according to the county assessor's office
 - **Red:** 791 units built in 2023
 - **Orange:** 658 units built in 2022
 - **Yellow:** 1,542 units built in 2021
 - **Green:** 1,235 units built in 2020
 - **Blue:** 570 units built in 2019

Notes

Type of housing is monitored as some planning areas (single-family or multi-family) do not necessarily lead to similar yield rates and may change from year to year. Only partial record available for 2023.



West Fargo Public Schools Residential Year Built



List of Schools	12. Meadowlark
1. Early Childhood Center	13. Osgood
	14. South
Elementary Schools	15. Westside
2. Aurora	16. Willow Park
3. Brooks Harbor	Middle Schools
4. Deer Creek	17. Cheney
5. Eastwood	18. Heritage
6. Freedom	19. Liberty
7. Harwood	High Schools
8. Horace	20. Horace
9. Independence	21. Sheyenne
10. L E Berger	22. West Fargo
11. Legacy	23. Community
District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	
Year Built	2021: 1,542 units
2019: 570 units	2022: 658 units
2020: 1,235 units	2023: 791 units

Year built data is provided by Cass County, The City of Fargo, & West Fargo Assessor's Office.



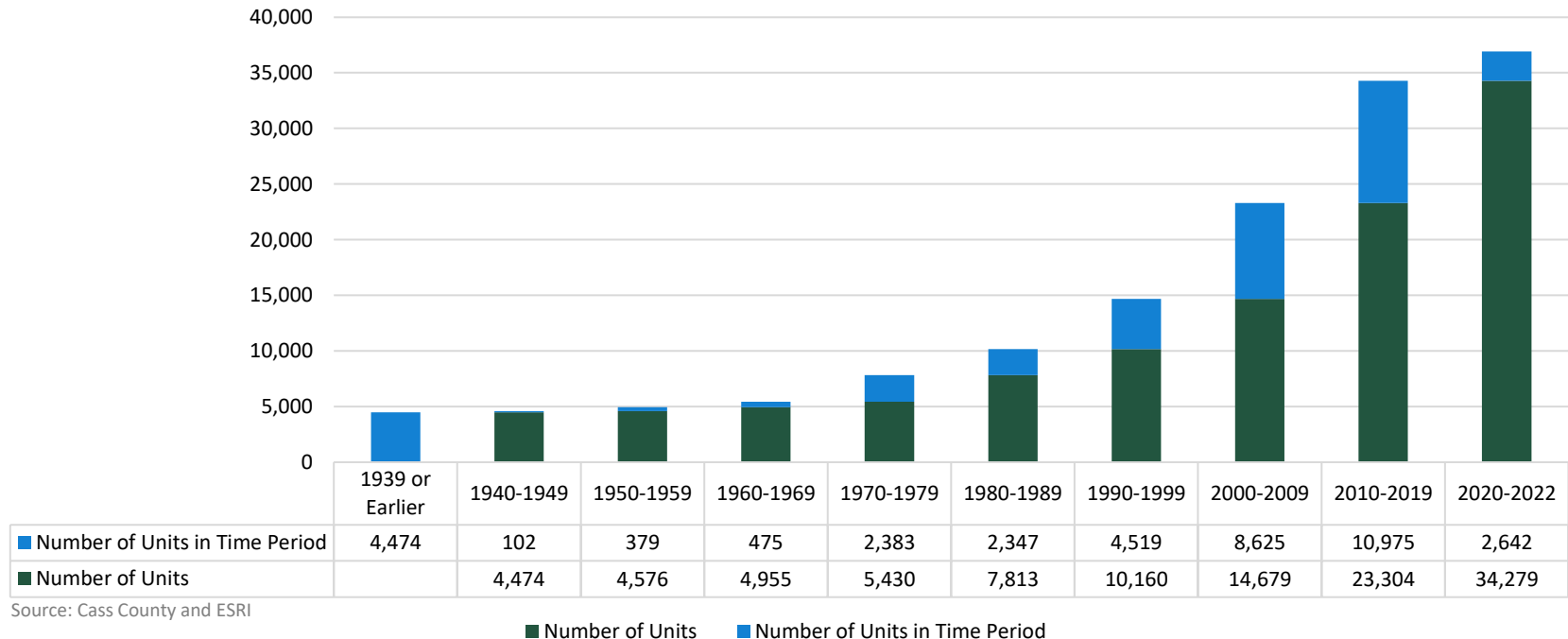
Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

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 (1,097.5 per year) is higher than from 2000 to 2009 (862.5 per year)
- The decade with the most units built was 2010 to 2019
- The average year for all units built was 1979 while the median year built is 2006
- Activity in the current decade has slowed down compared to past decades

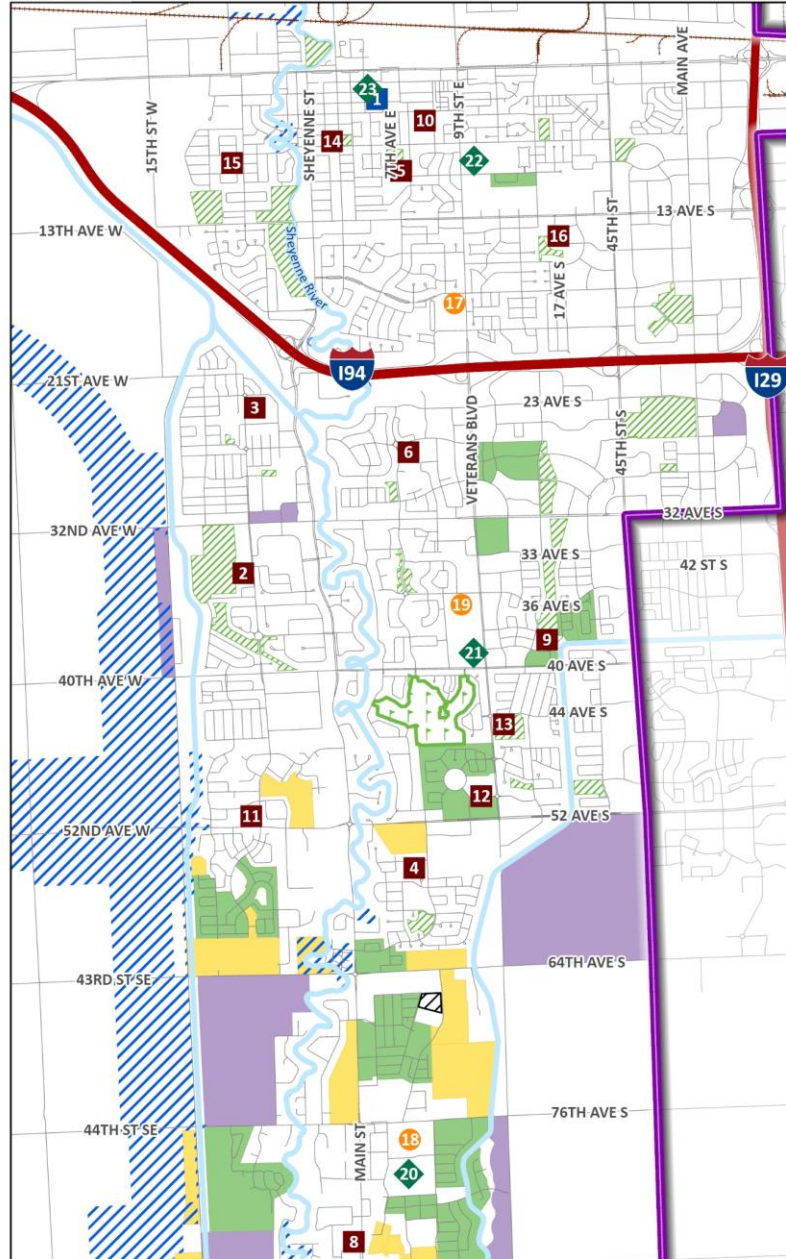
New V.S. Existing Units by Decade Built



RSP Growth Areas Map



West Fargo Public Schools Growth Areas



- | | |
|----------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| Elementary Schools | 14. South |
| 2. Aurora | 15. Westside |
| 3. Brooks Harbor | 16. Willow Park |
| 4. Deer Creek | Middle Schools |
| 5. Eastwood | 17. Cheney |
| 6. Freedom | 18. Heritage |
| 7. Harwood | 19. Liberty |
| 8. Horace | High Schools |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | |
| F-M Area Diversion Project | 5 Year |
| Future School Site | 10 Year |
| Growth Areas | |
| Current | |

Map Details

- Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input
 - **Green:** identifies current development
 - **Yellow:** identifies 5-year potential developments
 - **Purple:** identifies 10-year potential developments

Notes

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.

Main Takeaway: Potential residential growth in the district is more located on the south side of the district near the City of Horace. The flood diversion project has potential to increase development once completed.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Development Table

RSP Plan Area Names	Type	Growth Area	Existing Units	Potential Units	Acres	HS Boundary
River's Edge Second Add	AG	Current	0	400	188.12	Horace
Cub Creek, South	AG	Current	1	175	82.97	Horace
Urban Plains by Brandt	MF	Current	415	187	45.62	Sheyenne
Bentley Place 1st Add	MF	Current	380	270	34.10	Sheyenne
Valley View Estates Add, future MF	MF	Current	64	60	13.74	Sheyenne
EOLA by EPIC	MF	Current	90	266	20.01	Sheyenne
Southdale future MF	MU	Current	0	150	18.95	Horace
Uptown & Main	MU	Current	177	91	25.29	Sheyenne
Wilds 9th / 12th	SF	Current	189	22	50.66	Horace
Lost River	SF	Current	270	52	214.60	Horace
Southdale Farms First Add	SF	Current	224	116	88.18	Horace
Cub Creek First Add	SF	Current	142	78	75.34	Horace
Deer Creek Estates Add	SF	Current	0	32	9.66	Horace
Southdale Farms Fourth Addition	SF	Current	51	102	37.75	Horace
Wilds 20th Addition	SF	Current	130	240	73.18	Horace
Pine Cove at Cub Creek	SF	Current	0	27	33.30	Horace
Maple Lake Estates Add	SF	Current	65	83	64.47	Horace
Arrowwood 3rd Addition	SF	Current	0	27	9.20	Horace
Deer Creek Estates 2nd & 3rd Addition	SF	Current	5	38	65.22	Horace
Rocking Horse Farm 2nd Add	SF	Current	140	38	125.02	Sheyenne
Valley View Estates Add	SF	Current	96	16	28.95	Sheyenne
Terra Gardens	TH	Current	147	47	56.40	Horace
Southdale Farms TH	TH	Current	0	40	11.61	Horace
Wilds TH	TH	Current	31	13	7.24	Horace
Lakeview Addition, TH	TH	Current	69	51	30.65	Horace
Arbor Courts Townhomes	TH	Current	0	176	14.41	Sheyenne
Dakota Townhomes	TH	Current	106	42	17.05	West

North of Grayland 1st Add	AG	5 Year	0	70	38.97	Horace
Kautzman Family	AG	5 Year	0	100	65.14	Horace
South of Maple Lake Estates Add	AG	5 Year	1	480	216.42	Horace
Southdale Farms Add, East	AG	5 Year	0	220	55.38	Horace
Wilds 20th Add	MF	5 Year	0	71	7.47	Horace
Willow Grove	MU	5 Year	0	382	114.50	Horace
Sparks Addition	MU	5 Year	0	216	107.06	Horace
Lakeview Addition, MU	MU	5 Year	0	120	13.71	Horace
Lakeview Addition, Future Mixed-Use	MU	5 Year	0	60	23.99	Horace
Lakeview Addition, future development	MU	5 Year	0	20	8.43	Horace
Horace Flood Diversion Growth (South)	Rural	5 Year	0	450	197.96	Horace
Horace Flood Diversion Growth (North)	Rural	5 Year	0	100	37.17	Horace
East of Deer Creek Estates 2nd & 3rd Addition	SF	5 Year	0	80	33.17	Horace
Visto's Addition	SF	5 Year	0	28	43.92	Horace
South of Greyhawk Estates	SF	5 Year	2	70	27.84	Horace
Wilds 4th Add	SF	5 Year	0	50	47.04	Horace
Dakota Praire Estates	SF	5 Year	26	115	97.15	West
South of Wilds 20th Addition	TH	5 Year	2	300	98.36	Horace
North of Wilds 20th Addition	TH	5 Year	1	30	7.37	Horace
Unincorporated near Deer Creek	AG	10 Year	0	1,000	571.90	Horace
NW Horace	AG	10 Year	0	800	367.63	Horace
West of Maple Lake Estates Add	AG	10 Year	0	750	190.75	Horace
Cub Creek	AG	10 Year	0	150	82.97	Horace
Dahl	AG	10 Year	1	216	92.40	Horace
South of River Bend Sub	AG	10 Year	1	300	185.14	Horace
The West Fargo Sports Arena Mixed-Use	MU	10 Year	0	90	19.96	Sheyenne
Matrix Properties	MU	10 Year	0	250	27.39	Sheyenne
Aurora Rural Diversion (North)	Rural	10 Year	0	70	30.45	Horace
Aurora Rural Diversion (South)	Rural	10 Year	0	70	28.67	Horace
Current Total				2,792	2,839	
5 Year Total				32	2,962	
10 Year Total				2	3,696	
Grand Total				2,826	9,497	

Source: Cities of Fargo & West Fargo and Cass County

- Observations:** Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input
- The market demand and property owners desire to build guides the timing and type of development
 - Some growth areas may require infrastructure improvements; RSP naming convention may not align with commonly known names
 - There is no guarantee any of these growth areas will develop or that other areas not shown as a growth area will develop

Development Observation and Conclusion



Almost 9,500 units identified for potential development within the next 10+ years – *indicator of student growth*



Rate of building activity increased this year from last year, but it did not exceed average rate of development from 2020 to 2021 – *indicator of student growth*

- Opportunities of residential growth exist; the speed of the activity is forecasted to continue decreasing
- 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 the highest propensity to have school aged students, yield rates of this development type are higher than that of multi-family

- Recent trends have indicated more multi-family development is happening in the district
- In 2023 saw 330 single-family units built and 512 multi-family 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 in the densest in the southern areas of the district within the City of Horace; majority of potential growth is located in Horace High School boundary – *indicator of student growth*

As of February 2022, construction costs have increased over 100% from August 2020 and supply chain challenges impact the potential and location of new development in the district. 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).

Capstone Classical Academy (new private school) opened this year and serve PK-8th grade with plans to expand to high school in fall 2026. RSP recommends to continue monitoring this site for impact on West Fargo Public School enrollment.



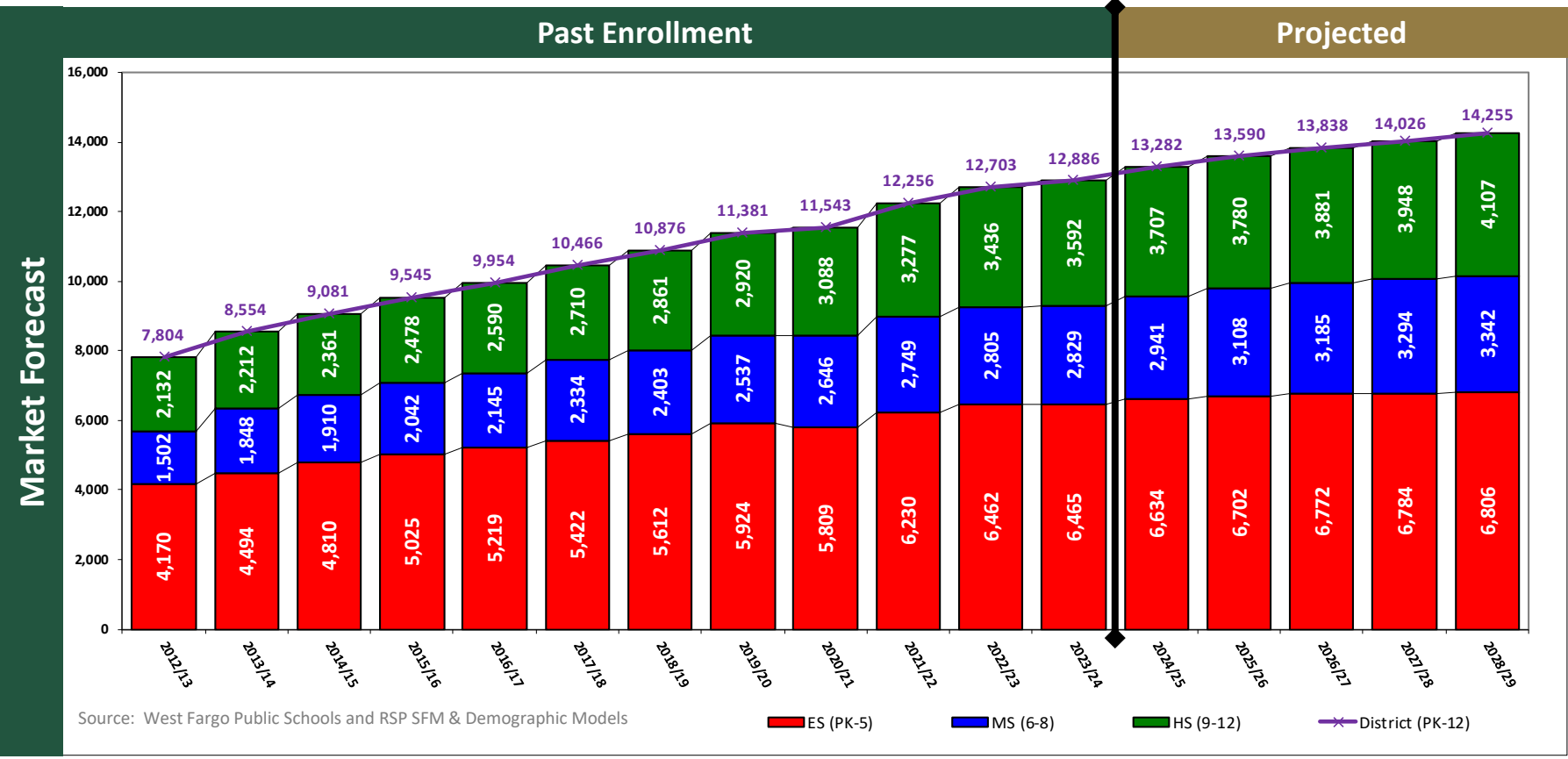
Student Projections

Past, Current, & Future Enrollment

Building Projections

Grade Level Projections

+ Past, Current, & Future Enrollment















Observations:

- Enrollment Change – Overall enrollment increase forecasted to be about **14,300 students by 2028/29**
- District increases by 1,369 students (+10.6%) (Annual Range: +5.3% to +9.8% a year)
- Elementary increases by 341 students (+5.3%) (Annual Range: +0.2% to +2.6% a year)
 - Future kindergarten will likely be between 1,080 and 1,120 students
- Middle School increases by 513 students (+18.1%) (Annual Range: +1.5% to +5.7% a year)
- High School increases by 515 students (+14.3%) (Annual Range: +1.7% to +4.0% a year)

Past, Current, and Future Enrollment by Feeder

Updated 04/03/24

Market Forecast													N ↑ S
School	Operational Capacity	Maximum 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	
	Cheney MS and West Fago HS Feeder K to 5th	2,553	3,094	Reside/Attend	2,012	2,013	2,034	1,970					
				Reside	2,164	2,174	2,174	2,102	2,100	2,070	2,037	2,017	2,001
				Attend	2,164	2,168	2,185	2,114	2,112	2,076	2,043	2,023	2,007
	Cheney Middle School 6th to 8th	1,080	1,200	Reside/Attend	1,076	1,053	1,007	976					
				Reside	1,092	1,064	1,018	991	1,012	1,052	1,066	1,052	1,029
				Attend	1,095	1,066	1,024	994	1,015	1,056	1,070	1,056	1,033
	West Fargo High School 9th to 12th	1,395	1,550	Reside/Attend	1,341	1,386	1,395	1,366					
				Reside	1,376	1,413	1,420	1,390	1,365	1,322	1,309	1,308	1,344
				Attend	1,378	1,424	1,440	1,420	1,378	1,342	1,329	1,328	1,364
	West Fargo High School Feeder K to 12th	5,028	5,844	Reside/Attend	4,429	4,452	4,436	4,312					
				Reside	4,632	4,651	4,612	4,483	4,477	4,444	4,412	4,377	4,374
				Attend	4,637	4,658	4,649	4,528	4,505	4,474	4,442	4,407	4,404
	Liberty MS and Sheyenne HS Feeder K to 5th	2,668	3,042	Reside/Attend	1,938	2,060	2,094	2,132					
				Reside	2,056	2,170	2,195	2,232	2,563	2,585	2,612	2,593	2,585
				Attend	2,047	2,169	2,210	2,224	2,551	2,587	2,614	2,595	2,587
	Liberty Middle School 6th to 8th	1,080	1,200	Reside/Attend	1,117	1,199	1,028	1,035					
				Reside	1,150	1,221	1,055	1,079	1,142	1,232	1,263	1,336	1,360
				Attend	1,148	1,218	1,107	1,076	1,124	1,247	1,278	1,351	1,375
	Sheyenne High School 9th to 12th	1,395	1,550	Reside/Attend	1,219	1,287	1,113	1,214					
				Reside	1,246	1,337	1,171	1,288	1,353	1,399	1,469	1,511	1,583
				Attend	1,563	1,562	1,484	1,428	1,449	1,625	1,695	1,737	1,809
	Sheyenne High School Feeder K to 12th	5,143	5,792	Reside/Attend	4,274	4,546	4,235	4,381					
				Reside	4,452	4,728	4,421	4,599	5,058	5,216	5,344	5,440	5,528
				Attend	4,758	4,949	4,801	4,728	5,124	5,459	5,587	5,683	5,771
	Heritage MS and Horace HS Feeder K to 5th	2,070	2,522	Reside/Attend	1,398	1,654	1,831	1,880					
				Reside	1,463	1,727	1,931	1,954	1,790	1,865	1,942	1,987	2,028
				Attend	1,472	1,734	1,905	1,950	1,790	1,857	1,934	1,979	2,020
	Heritage Middle School 6th to 8th	810	900	Reside/Attend	386	455	658	721					
				Reside	404	464	732	759	787	824	856	906	953
				Attend	403	465	674	759	802	805	837	887	934
	Horace High School 9th to 12th	1,050	1,050	Reside/Attend	92	209	431	641					
				Reside	412	466	794	854	933	997	1,044	1,071	1,117
				Attend	93	230	461	684	824	751	798	825	871
	Horace High School Feeder K to 12th	3,930	4,472	Reside/Attend	1,876	2,318	2,920	3,242					
				Reside	2,279	2,657	3,457	3,567	3,510	3,686	3,842	3,964	4,098
				Attend	1,968	2,429	3,040	3,393	3,416	3,413	3,569	3,691	3,825

Source: West Fargo Public Schools and RSP SFM & Demographic Models

School Utilization Legend

- Over Operational Capacity
- Over Operational & Maximum Capacity

Note: Past years enrollment and projections are based on the new attendance boundary (Complete Feeder)

Projection Notes

Past Enrollment is shown three different ways:

1. Reside (Based on where a student Resides in relation to the attendance area – includes Open Enrollment)
2. Attend (Based on what school the student is attending includes Open Enrollment)
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)

Projections are shown two ways:

1. Reside (Based on where a student Resides in relation to the attendance area: Includes Open Enrollment)
2. Attend (Based on what school the student is attending includes Open Enrollment)

Capacity:

- Provided by district administration
 - **Light pink** shading is where the capacity exceeds the Operational Capacity
 - **Darker pink** shading is where the capacity exceeds both Operational Capacity and Maximum Capacity
- Additional capacity provided in future years that could include additions or new facilities
- District future plan is to expand Heritage Middle School and Horace High School
- 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 will continue like those trends during the projection time frame

Projected Enrollment by Elementary Building

Updated 04/03/24



West Fargo Public School Projections By School (Based on Student Reside)

School	Operational Capacity	Maximum 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
Early Childhood Center PK	240	320	Reside/Attend	0	2	1	0					
			Reside	126	159	162	177	181	182	181	187	192
			Attend	126	159	162	177	181	182	181	187	192
Eastwood Elementary K to 5th	460	572	Reside/Attend	371	368	369	362					
			Reside	402	403	407	389	394	395	394	399	406
			Attend	404	386	400	400	406	391	390	395	402
Harwood Elementary K to 5th	184	208	Reside/Attend	114	125	119	99					
			Reside	117	128	121	102	93	92	93	98	98
			Attend	119	130	121	100	91	92	93	98	98
L E Berger Elementary K to 5th	460	572	Reside/Attend	332	341	350	339					
			Reside	359	373	373	362	359	358	354	343	332
			Attend	363	373	372	359	355	357	353	342	331
South Elementary K to 5th	414	520	Reside/Attend	338	343	345	349					
			Reside	359	368	372	368	376	364	364	355	353
			Attend	377	393	381	382	393	380	380	371	369
Westside Elementary K to 5th	483	598	Reside/Attend	393	384	391	375					
			Reside	417	417	408	387	386	376	371	368	358
			Attend	416	413	415	403	398	382	377	374	364
Willow Park Elementary K to 5th	552	624	Reside/Attend	464	452	460	446					
			Reside	510	485	493	494	492	485	461	454	454
			Attend	485	473	496	470	469	474	450	443	443
ELEMENTARY SCHOOL TOTAL PK to 5th	7,531	8,978	Reside/Attend	5,348	5,729	5,960	5,982					
			Reside	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806
			Attend	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806

Source: RSP & Associates, LLC - February 2024

- Note 1: Student Projections are based on the residence of the student.
- Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility
- Note 3: Transfers between Facilities are shown with Attend Projections
- Note 4: The Enrollment Model assumes ES(PK-5) MS(6-8) and HS (9-12)
- Note 5: Each planning area is assigned the 2023/24 boundary
- Note 6: School capacity provided by the District
- Note 7: Reside is based on the student home address
- Note 8: Attend is based on which facility the student attends
- Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

School Utilization Legend

- Over Operational Capacity
- Over Operational & Maximum Capacity

Feeder School Legend

- Cheney MS and West Fargo HS
- Heritage MS and Horace HS
- Liberty MS and Sheyenne HS

Projected Enrollment by Elementary Building

Updated 04/03/24

West Fargo Public School Projections By School (Based on Student Reside)

School	Operational Capacity	Maximum 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	
Brooks Harbor Elementary K to 5th	575	650	Reside/Attend	401	478	534	521						
			Reside	414	501	559	537	552	527	533	521	524	
			Attend	421	496	555	543	560	526	532	520	523	
Freedom Elementary K to 5th	552	624	Reside/Attend	550	551	533	523						
			Reside	569	571	549	547	501	502	502	512	507	
			Attend	586	579	550	547	507	505	505	515	510	
Independence Elementary K to 5th	529	624	Reside/Attend	503	501	481	558						
			Reside	545	539	516	593	586	617	650	654	651	
			Attend	533	532	537	592	575	621	654	658	655	
Osgood Elementary K to 5th	552	624	Reside/Attend	484	530	546	530						
			Reside	528	559	571	555	557	580	589	584	587	
			Attend	507	562	568	542	542	576	585	580	583	
Meadowlark Elementary K to 5th *Opens 2024/25*	460	520	Reside/Attend	0	0	0	0						
			Reside	0	0	0	0	367	359	338	322	316	
			Attend	0	0	0	0	367	359	338	322	316	
Aurora Elementary K to 5th	506	624	Reside/Attend	514	537	515	482						
			Reside	546	570	541	504	373	359	346	346	334	
			Attend	522	548	529	491	358	343	330	330	318	
Deer Creek Elementary K to 5th	506	624	Reside/Attend	243	370	480	481						
			Reside	250	382	520	509	369	365	360	355	345	
			Attend	268	397	505	516	384	367	362	357	347	
Horace Elementary K to 5th	552	650	Reside/Attend	243	291	375	437						
			Reside	256	299	389	450	546	614	677	721	761	
			Attend	251	305	386	443	540	613	676	720	760	
Legacy Elementary K to 5th	506	624	Reside/Attend	398	456	461	480						
			Reside	411	476	481	491	502	527	559	565	588	
			Attend	431	484	485	500	508	534	566	572	595	
ELEMENTARY SCHOOL TOTAL PK to 5th	7,531	8,978	Reside/Attend	5,348	5,729	5,960	5,982						
			Reside	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806	
			Attend	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806	

Source: RSP & Associates, LLC - February 2024

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- Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

School Utilization Legend

- Over Operational Capacity
- Over Operational & Maximum Capacity

Feeder School Legend

- Cheney MS and West Fargo HS
- Heritage MS and Horace HS
- Liberty MS and Sheyenne HS

Projected Enrollment by Secondary Building

Updated 04/03/24



West Fargo Public School Projections By School (Based on Student Reside)

School	Operational Capacity	Maximum 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
Cheney Middle School 6th to 8th	1,080	1,200	Reside/Attend	1,076	1,053	1,007	976					
			Reside	1,092	1,064	1,018	991	1,012	1,052	1,066	1,052	1,029
			Attend	1,095	1,066	1,024	994	1,015	1,056	1,070	1,056	1,033
West Fargo High School 9th to 12th	1,395	1,550	Reside/Attend	1,341	1,386	1,395	1,366					
			Reside	1,376	1,413	1,420	1,390	1,365	1,322	1,309	1,308	1,344
			Attend	1,378	1,424	1,440	1,420	1,378	1,342	1,329	1,328	1,364
Liberty Middle School 6th to 8th	1,080	1,200	Reside/Attend	1,117	1,199	1,028	1,035					
			Reside	1,150	1,221	1,055	1,079	1,142	1,232	1,263	1,336	1,360
			Attend	1,148	1,218	1,107	1,076	1,124	1,247	1,278	1,351	1,375
Sheyenne High School 9th to 12th	1,395	1,550	Reside/Attend	1,219	1,287	1,113	1,214					
			Reside	1,246	1,337	1,171	1,288	1,353	1,399	1,469	1,511	1,583
			Attend	1,563	1,562	1,484	1,428	1,449	1,625	1,695	1,737	1,809
Heritage Middle School 6th to 8th	810	900	Reside/Attend	386	455	658	721					
			Reside	404	464	732	759	787	824	856	906	953
			Attend	403	465	674	759	802	805	837	887	934
Horace High School 9th to 12th	1,050	1,050	Reside/Attend	92	209	431	641					
			Reside	412	466	794	854	933	997	1,044	1,071	1,117
			Attend	93	230	461	684	824	751	798	825	871
ELEMENTARY SCHOOL TOTAL PK to 5th	7,531	8,978	Reside/Attend	5,348	5,729	5,960	5,982					
			Reside	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806
			Attend	5,809	6,230	6,462	6,465	6,634	6,702	6,772	6,784	6,806
MIDDLE SCHOOL TOTAL 6th to 8th	2,970	3,300	Reside/Attend	2,579	2,707	2,693	2,732					
			Reside	2,646	2,749	2,805	2,829	2,941	3,108	3,185	3,294	3,342
			Attend	2,646	2,749	2,805	2,829	2,941	3,108	3,185	3,294	3,342
HIGH SCHOOL TOTAL 9th to 12th	4,008	4,334	Reside/Attend	2,706	2,943	2,990	3,281					
			Reside	3,088	3,277	3,436	3,592	3,707	3,780	3,881	3,948	4,107
			Attend	3,088	3,277	3,436	3,592	3,707	3,780	3,881	3,948	4,107
DISTRICT TOTALS PK to 12th	14,509	16,612	Reside/Attend	10,633	11,379	11,643	11,995					
			Reside	11,543	12,256	12,703	12,886	13,282	13,590	13,838	14,026	14,255
			Attend	11,543	12,256	12,703	12,886	13,282	13,590	13,838	14,026	14,255

Source: RSP & Associates, LLC - February 2024

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are shown with Attend Projections

Note 4: The Enrollment Model assumes ES(PK-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2023/24 boundary

Note 6: School capacity provided by the District

Note 7: Reside is based on the student home address

Note 8: Attend is based on which facility the student attends

Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

School Utilization Legend

- Over Operational Capacity
- Over Operational & Maximum Capacity

Feeder School Legend

- Cheney MS and West Fargo HS
- Heritage MS and Horace HS
- Liberty MS and Sheyenne HS

Projection Observation and Conclusion

Enrollment at all levels is expected to increase:



District-wide enrollment to increase by 1,369 students in five years totaling 14,255 students



Elementary School enrollment to increase by 341 students in five years totaling 6,806 student



Middle School enrollment to increase by 513 students in five years totaling 3,342 students



High School enrollment to increase by 515 students in five years totaling 4,107 students

Potential Over-Capacity Challenges (reside or attend):

- Brooks Harbor Elementary
- Horace Elementary (over max. in 2026/27 to 2028/29)
- Independence Elementary (over max. in 2026/26 to 2028/29)
- Legacy Elementary
- Osgood Elementary
- Heritage Middle School (over max. capacity 2027/28 to 2028/29)
- Liberty Middle School (over max. capacity 2025/26 to 2028/29)
- Horace High School (over max. capacity 2027/28 to 2028/29)
- Sheyenne High School (over max. capacity 2025/26 to 2028/29)

Driving forces of enrollment forecast:



2023/24 Student population

Indicators:

- Largest classes in history and enrollment growth of 180+ student this years
- Larger kindergarten classes than senior classes



Development Activity

Indicators:

- Increasing multi-family yield rates as more units are bought online
- 2020 to 2023 building trends and the potential growth in southern areas of the district



Student Movement Trends

Indicators:

- Cohort growth year to year
- Regreening of subdivisions as neighborhoods increase in student count
- Neighborhoods increasing in number of kindergarten students



Next Steps

Moving Forward

Next Steps

Key Considerations

Key Considerations



Projected Enrollment

- District to increase by about 1,369 students in the next five years to total 14,255 students
- Elementary enrollment to increase to 6,806 students by 2028/29
- Middle School enrollment to increase to 3,342 students by 2028/29
- High School enrollment to increase to 4,107 students by 2028/29

The district should expect capacity challenges in one of the next five years at (schools over max capacity):

- Horace, Independence, Legacy, and Osgood Elementary Schools
- Heritage and Liberty Middle Schools
- Horace and Sheyenne High Schools

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 Cass County (continue to monitor)... *see page 17*
2. Size of outgoing senior class (larger) compared to the incoming Kindergarten and PK classes (smaller)... *see page 18*
3. Migration trends (Out-Migration increased this year)... *see page 20*
4. Development trends and timing of identified projects (production potential next ten years)... *see pages 35-37*



Appendix

Community Demographics

Intra-transfer Tables

Student Density Maps

Demographics Summary



Percent Change of Annual Rate

2000 to 2010: 5.32%
2010 to 2020: 4.60%
2020 to 2023: 1.79%
2023 to 2028: 0.98%



Percent Change of Annual Rate of
Housing Inventory

2000 to 2010: 5.54%
2010 to 2020: 4.59%
2020 to 2023: 2.20%
2023 to 2028: 1.02%



Income

Percent Change of Income per
Capita

2023: \$46,112
2028: \$52,533
2023 to 2028: 2.64%



Workforce

Unemployment Rate

2.64% as of July 2023

Source: US Census BAO
Note: Data includes all person residing in the district boundary

Observations:

- Population growth is still likely in the future, but at slower rate than previous years.
- Housing growth is projected to continue increasing the next five years
- Income in the district is forecasted to increase by over 2.6% the next five years
- Unemployment in the district is less than the state of North Dakota

Demographics

Demographic Overview	West Fargo Public Schools	Fargo Public Schools	Bismarck Public Schools	City of Fargo	City of West Fargo	Cass County	State of North Dakota
Unemployment Rate	1.1%	1.8%	1.3%	1.8%	0.7%	1.4%	1.7%
Average Household Size	2.36	2.15	2.35	2.14	2.50	2.27	2.32
Median Age	33.3	34.4	39.1	33.4	34.9	34.2	38.9
Total Population	80,502	100,080	97,859	132,054	40,523	193,405	793,128
Median Household Income	\$78,555	\$56,885	\$72,130	\$57,170	\$89,086	\$67,402	\$67,741
Total Housing Units	36,268	48,912	42,585	65,223	16,990	90,408	381,858
Owner Occupied Housing	18,062	22,054	27,691	27,556	10,025	44,092	205,671
Renter Occupied Housing	15,789	22,113	12,136	31,477	6,114	38,729	124,339
Vacancy Rate	6.7%	9.7%	6.5%	9.5%	5.0%	8.4%	13.6%

Race/Ethnicity	West Fargo Public Schools	Fargo Public Schools	Bismarck Public Schools	City of Fargo	City of West Fargo	Cass County	State of North Dakota
White	79.2%	80.6%	85.1%	77.8%	84.5%	80.9%	81.4%
Black	8.3%	6.7%	2.4%	8.7%	4.7%	7.0%	3.4%
American Indian/Alaskan	1.2%	1.5%	4.3%	1.5%	1.1%	1.3%	4.8%
Asian	3.3%	3.1%	1.0%	3.8%	2.0%	3.0%	1.6%
Pacific Islander	0.0%	0.1%	0.4%	0.1%	0.0%	0.0%	0.1%
Other Race	0.3%	0.3%	0.2%	0.3%	0.2%	0.3%	0.2%
Two or More Races	4.1%	4.1%	3.3%	4.1%	4.3%	4.1%	4.0%
Hispanic	3.6%	3.5%	3.3%	3.8%	3.2%	3.5%	4.4%

Source: U.S. Census, ESRI BAO

Notes:

- Demographic attribute information for West Fargo Public Schools is similar to Cities of Fargo and West Fargo
- The Median Age is the lowest in the West Fargo Public Schools when compared to the other geographies
- The Unemployment Rate is lower than the State of North Dakota (estimates from 2023 from the US Census)
- The Median Household Income is second highest in West Fargo Public Schools when compared to the other geographies

Employment Information

Employment	West Fargo Public Schools	Fargo Public Schools	Bismarck Public Schools	City of Fargo	City of West Fargo	Cass County	State of North Dakota
2023 Agriculture/Mining (SIC01-14)	1.1%	0.8%	1.3%	0.8%	1.5%	1.0%	3.8%
2023 Construction (SIC15-17)	6.9%	3.7%	4.9%	3.9%	11.2%	5.1%	5.1%
2023 Manufacturing (SIC20-39)	6.9%	5.9%	2.1%	5.9%	9.7%	6.5%	5.7%
2023 Transportation (SIC40-47)	3.2%	2.4%	3.2%	2.5%	4.3%	3.0%	3.6%
2023 Communication (SIC48)	0.5%	1.8%	0.6%	1.4%	0.3%	1.2%	1.1%
2023 Utility (SIC49)	0.4%	0.2%	5.5%	0.2%	0.8%	0.3%	1.5%
2023 Wholesale Trade (SIC50-51)	6.0%	5.7%	4.3%	5.2%	9.3%	5.9%	5.1%
2023 Home Improvement (SIC52)	2.6%	1.1%	1.4%	1.5%	3.9%	1.7%	1.5%
2023 General Merchandise (SIC53)	3.4%	0.1%	2.2%	1.5%	2.0%	1.5%	1.6%
2023 Food Stores (SIC54)	2.3%	2.2%	1.6%	2.1%	3.6%	2.2%	2.4%
2023 Auto Dealer/Gas Station (SIC55)	3.8%	1.8%	1.8%	2.8%	1.5%	2.6%	2.6%
2023 Apparel/Accessory (SIC56)	1.6%	0.1%	0.7%	0.7%	0.8%	0.7%	0.5%
2023 Furniture/Home Furnishings (SIC57)	1.2%	0.4%	1.0%	0.7%	1.0%	0.7%	0.6%
2023 Eating & Drinking (SIC58)	9.1%	5.4%	6.9%	6.9%	7.9%	6.8%	6.2%
2023 Miscellaneous Retail (SIC59)	3.6%	2.0%	2.5%	2.9%	1.6%	2.7%	2.3%
2023 Banks (SIC60-61)	1.6%	2.1%	1.7%	2.0%	1.4%	1.9%	1.7%
2023 Securities Broker (SIC62)	0.5%	0.7%	0.6%	0.7%	0.2%	0.6%	0.5%
2023 Insurance (SIC63-64)	5.6%	1.2%	2.6%	3.4%	0.9%	3.0%	1.7%
2023 Real Estate/Holding (SIC65-67)	2.9%	2.1%	2.0%	2.6%	1.1%	2.3%	2.1%
2023 Hotel/Lodging (SIC70)	3.1%	0.6%	1.3%	1.6%	2.7%	1.6%	1.6%
2023 Auto Services (SIC75)	1.4%	1.0%	1.4%	1.1%	1.6%	1.3%	1.2%
2023 Movie/Amusement (SIC78-79)	1.2%	3.0%	1.2%	2.4%	0.8%	2.2%	2.6%
2023 Health Services (SIC80)	11.2%	18.9%	15.3%	17.6%	2.6%	15.2%	12.8%
2023 Legal Services (SIC81)	0.5%	1.0%	0.7%	0.8%	0.4%	0.8%	0.6%
2023 Education/Library (SIC82)	3.4%	12.2%	6.1%	8.5%	8.4%	8.7%	8.9%
2023 Other Service (SIC72-89SEL)	13.9%	18.6%	15.0%	16.6%	17.8%	16.6%	15.8%
2023 Government (SIC91-97)	1.4%	4.3%	11.6%	3.2%	2.0%	3.1%	6.3%
2023 Unclassified Establishments (SIC99)	0.8%	0.7%	0.4%	0.7%	0.8%	0.7%	0.6%

Source; U.S. Census and Esri BAO

Notes:

- Highest percentage of in Other Service (13.93%)
- When compared to all neighboring geographies, West Fargo Public Schools has a greater percentage of working in Eating and Drinking (9.06%) and lower percentage of working in Government (1.44%)

Attend enrollment by Grade 2024/25

Updated 04/04/24

ATTEND

2024/25 School Year

School	Operational Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Early Childhood Center	240	181														181
Eastwood Elementary	460		72	67	67	58	72	70								406
Harwood Elementary	184		16	13	17	13	15	17								91
L E Berger Elementary	460		52	55	64	63	57	64								355
South Elementary	414		67	67	62	68	58	71								393
Westside Elementary	483		69	67	67	64	64	67								398
Willow Park Elementary	552		83	76	70	72	90	78								469
Cheney Middle School	1,080								350	345	320					1,015
West Fargo High School	1,395											327	351	347	353	1,378
Brooks Harbor Elementary	575		98	94	87	99	83	99								560
Freedom Elementary	552		85	75	94	87	84	82								507
Independence Elementary	529		93	93	98	110	83	98								575
Osgood Elementary	552		86	96	96	98	87	79								542
Meadowlark Elementary	460		55	42	58	70	72	70								367
Liberty Middle School	1,080								397	383	344					1,124
Sheyenne High School	1,395											382	392	324	351	1,449
Aurora Elementary	506		59	54	71	53	61	60								358
Deer Creek Elementary	506		62	64	72	64	60	62								384
Horace Elementary	552		101	85	94	88	87	85								540
Legacy Elementary	506		93	95	73	93	76	78								508
Heritage Middle School	810								268	269	265					802
Horace High School	1,050											235	230	206	153	824
DISTRICT TOTALS	14,509	181	1,091	1,043	1,090	1,100	1,049	1,080	1,015	997	929	944	976	892	895	13,282

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Reside enrollment by Grade 2024/25

Updated 04/04/24

RESIDE

2024/25 School Year

School	Operational Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Early Childhood Center	240	181														181
Eastwood Elementary	460		71	66	62	57	68	70								394
Harwood Elementary	184		16	13	18	14	15	17								93
L E Berger Elementary	460		56	59	66	60	55	63								359
South Elementary	414		64	64	56	62	59	71								376
Westside Elementary	483		68	66	65	62	60	65								386
Willow Park Elementary	552		85	78	74	77	98	80								492
Cheney Middle School	1,080								349	344	319					1,012
West Fargo High School	1,395											329	353	339	344	1,365
Brooks Harbor Elementary	575		96	92	83	96	84	101								552
Freedom Elementary	552		82	72	95	88	83	81								501
Independence Elementary	529		97	97	105	110	85	92								586
Osgood Elementary	552		90	100	96	105	88	78								557
Meadowlark Elementary	460		55	42	58	70	72	70								367
Liberty Middle School	1,080								405	391	346					1,142
Sheyenne High School	1,395											364	374	315	300	1,353
Aurora Elementary	506		61	56	71	58	62	65								373
Deer Creek Elementary	506		57	59	70	64	58	61								369
Horace Elementary	552		102	86	95	85	88	90								546
Legacy Elementary	506		91	93	76	92	74	76								502
Heritage Middle School	810								261	262	264					787
Horace High School	1,050											251	246	223	213	933
DISTRICT TOTALS	14,509	181	1,091	1,043	1,090	1,100	1,049	1,080	1,015	997	929	944	976	892	895	13,282

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Reside enrollment by Grade 2025/26

Updated 04/04/24

RESIDE

2025/26 School Year

School	Operational Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Early Childhood Center	240	182														182
Eastwood Elementary	460		70	69	68	61	58	69								395
Harwood Elementary	184		17	16	13	18	14	14								92
L E Berger Elementary	460		65	54	59	65	60	55								358
South Elementary	414		52	62	66	58	64	62								364
Westside Elementary	483		58	67	66	65	61	59								376
Willow Park Elementary	552		82	81	73	72	77	100								485
Cheney Middle School	1,080								361	349	342					1,052
West Fargo High School	1,395											320	330	337	335	1,322
Brooks Harbor Elementary	575		86	90	90	83	95	83								527
Freedom Elementary	552		77	81	74	98	90	82								502
Independence Elementary	529		103	102	100	109	115	88								617
Osgood Elementary	552		99	96	98	97	103	87								580
Meadowlark Elementary	460		58	55	43	58	71	74								359
Liberty Middle School	1,080								429	408	395					1,232
Sheyenne High School	1,395											350	367	368	314	1,399
Aurora Elementary	506		60	60	55	69	53	62								359
Deer Creek Elementary	506		60	56	54	72	62	61								365
Horace Elementary	552		107	112	96	107	94	98								614
Legacy Elementary	506		91	94	93	79	93	77								527
Heritage Middle School	810								292	262	270					824
Horace High School	1,050											272	257	240	228	997
DISTRICT TOTALS	14,509	182	1,085	1,095	1,048	1,111	1,110	1,071	1,082	1,019	1,007	943	959	959	919	13,590

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Reside enrollment by Grade 2026/27

Updated 04/04/24

RESIDE

2026/27 School Year

School	Operational Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Early Childhood Center	240	181														181
Eastwood Elementary	460		66	69	71	67	61	60								394
Harwood Elementary	184		15	17	16	13	18	14								93
L E Berger Elementary	460		56	63	54	58	64	59								354
South Elementary	414		55	50	64	70	58	67								364
Westside Elementary	483		58	57	67	65	63	61								371
Willow Park Elementary	552		84	79	77	71	72	78								461
Cheney Middle School	1,080								354	364	348					1,066
West Fargo High School	1,395											342	322	312	333	1,309
Brooks Harbor Elementary	575		100	80	87	89	83	94								533
Freedom Elementary	552		79	76	83	76	100	88								502
Independence Elementary	529		110	106	104	102	113	115								650
Osgood Elementary	552		93	105	95	99	95	102								589
Meadowlark Elementary	460		55	57	55	42	58	71								338
Liberty Middle School	1,080								419	432	412					1,263
Sheyenne High School	1,395											396	351	357	365	1,469
Aurora Elementary	506		59	59	58	54	64	52								346
Deer Creek Elementary	506		58	59	52	56	70	65								360
Horace Elementary	552		119	114	120	105	116	103								677
Legacy Elementary	506		99	93	94	96	81	96								559
Heritage Middle School	810								297	290	269					856
Horace High School	1,050											275	277	249	243	1,044
DISTRICT TOTALS	14,509	181	1,106	1,084	1,097	1,063	1,116	1,125	1,070	1,086	1,029	1,013	952	935	981	13,838

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Reside enrollment by Grade 2027/28

Updated 04/04/24

RESIDE

2027/28 School Year

School	Operational Capacity	Grade														Total
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	
Early Childhood Center	240	187														187
Eastwood Elementary	460		66	65	69	70	67	62								399
Harwood Elementary	184		18	15	17	17	13	18								98
L E Berger Elementary	460		52	54	63	53	57	64								343
South Elementary	414		51	53	52	68	71	60								355
Westside Elementary	483		60	57	57	67	64	63								368
Willow Park Elementary	552		80	81	75	75	70	73								454
Cheney Middle School	1,080								335	355	362					1,052
West Fargo High School	1,395											349	344	307	308	1,308
Brooks Harbor Elementary	575		90	94	78	87	89	83								521
Freedom Elementary	552		87	80	80	87	78	100								512
Independence Elementary	529		108	113	108	106	106	113								654
Osgood Elementary	552		93	99	104	96	98	94								584
Meadowlark Elementary	460		57	54	57	54	42	58								322
Liberty Middle School	1,080								477	423	436					1,336
Sheyenne High School	1,395											415	397	345	354	1,511
Aurora Elementary	506		61	58	58	56	50	63								346
Deer Creek Elementary	506		59	58	55	54	55	74								355
Horace Elementary	552		122	123	119	126	110	121								721
Legacy Elementary	506		94	101	93	96	97	84								565
Heritage Middle School	810								315	296	295					906
Horace High School	1,050											274	280	266	251	1,071
DISTRICT TOTALS	14,509	187	1,098	1,105	1,085	1,112	1,067	1,130	1,127	1,074	1,093	1,038	1,024	934	952	14,026

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Reside enrollment by Grade 2028/29

Updated 04/04/24

RESIDE

2028/29 School Year

School	Operational Capacity	Grade															
		PK	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	
Early Childhood Center	240	192														192	
Eastwood Elementary	460		67	65	66	68	70	70								406	
Harwood Elementary	184		16	18	16	18	17	13								98	
L E Berger Elementary	460		56	50	54	62	53	57								332	
South Elementary	414		50	49	55	55	69	75								353	
Westside Elementary	483		55	59	57	57	66	64								358	
Willow Park Elementary	552		81	77	76	73	75	72								454	
Cheney Middle School	1,080									336	338	355				1,029	
West Fargo High School	1,395												362	350	328	304	1,344
Brooks Harbor Elementary	575		95	84	91	78	87	89								524	
Freedom Elementary	552		86	87	84	83	90	77								507	
Independence Elementary	529		102	111	113	109	110	106								651	
Osgood Elementary	552		94	99	97	105	95	97								587	
Meadowlark Elementary	460		53	56	54	56	54	43								316	
Liberty Middle School	1,080									453	480	427				1,360	
Sheyenne High School	1,395												436	415	390	342	1,583
Aurora Elementary	506		59	60	57	56	52	50								334	
Deer Creek Elementary	506		65	58	54	57	53	58								345	
Horace Elementary	552		131	127	129	126	132	116								761	
Legacy Elementary	506		102	95	100	95	97	99								588	
Heritage Middle School	810									338	314	301				953	
Horace High School	1,050												299	279	270	269	1,117
DISTRICT TOTALS	14,509	192	1,112	1,095	1,103	1,098	1,120	1,086	1,127	1,132	1,083	1,098	1,046	1,006	957	14,255	

Source: RSP & Associates, LLC - February 2024

Over Operational Capacity

Planning Areas – Aerial Map

Map Details

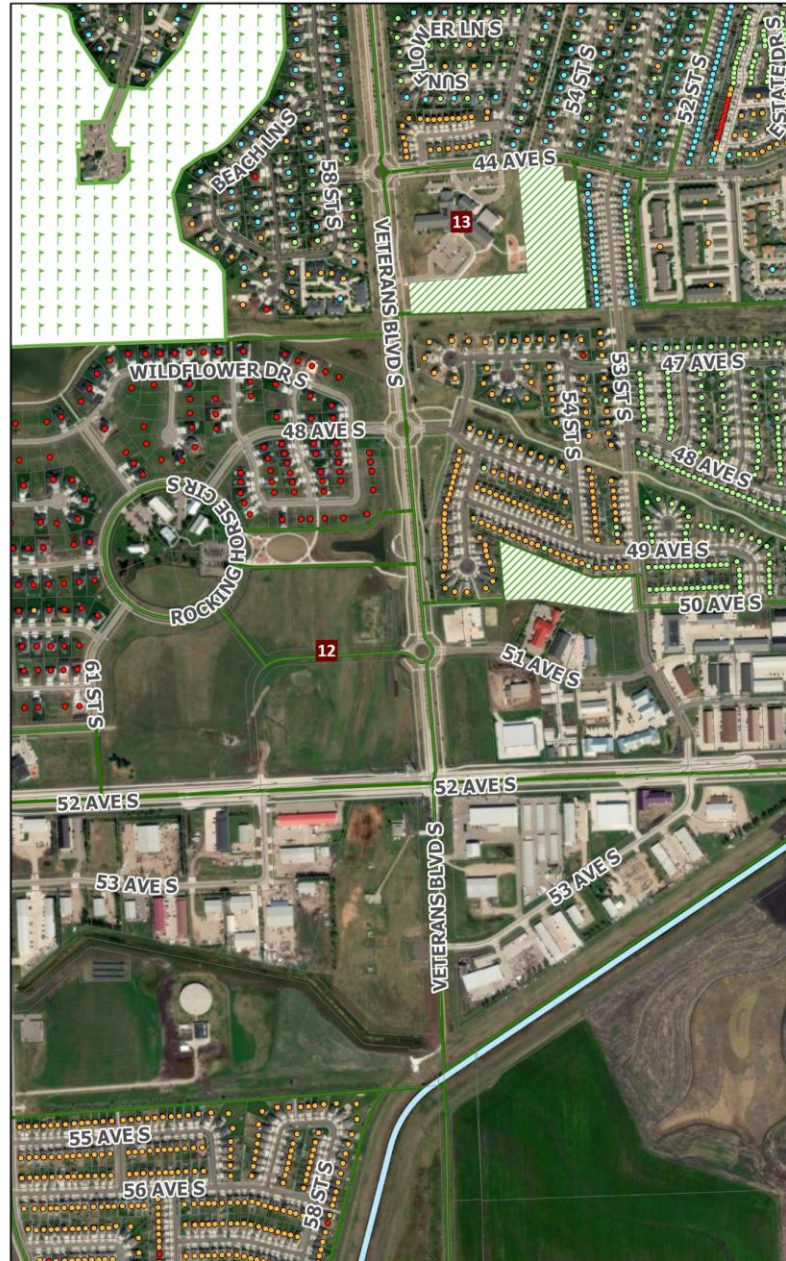
- There are over **450** planning areas RSP monitors (green)
- Planning areas are created by RSP using:
 - Land Use (Residential, Commercial, Industrial)
 - Residential Density (Single-Family, Mobile Home, Duplex, Apartment)
 - Natural Features (Rivers, Creeks)
 - Manmade Features (Railroad, Streets)
 - School Attendance Areas

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



West Fargo Public Schools Planning Areas-Detail



- | | |
|---------------------------|-----------------------|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| Elementary Schools | 14. South |
| 2. Aurora | 15. Westside |
| 3. Brooks Harbor | 16. Willow Park |
| 4. Deer Creek | Middle Schools |
| 5. Eastwood | 17. Cheney |
| 6. Freedom | 18. Heritage |
| 7. Harwood | 19. Liberty |
| 8. Horace | High Schools |
| 9. Independence | 21. Shyenney |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| District Boundary | High School |
| Pre-K | Golf Course |
| Elementary School | Park |
| Middle School | |
| Year Built | 2010 to 2015 |
| Before 2000 | After 2015 |
| 2000 to 2005 | Planning Areas |
| 2005 to 2010 | Parcels |



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Planning Areas – Aerial Map

Map Details

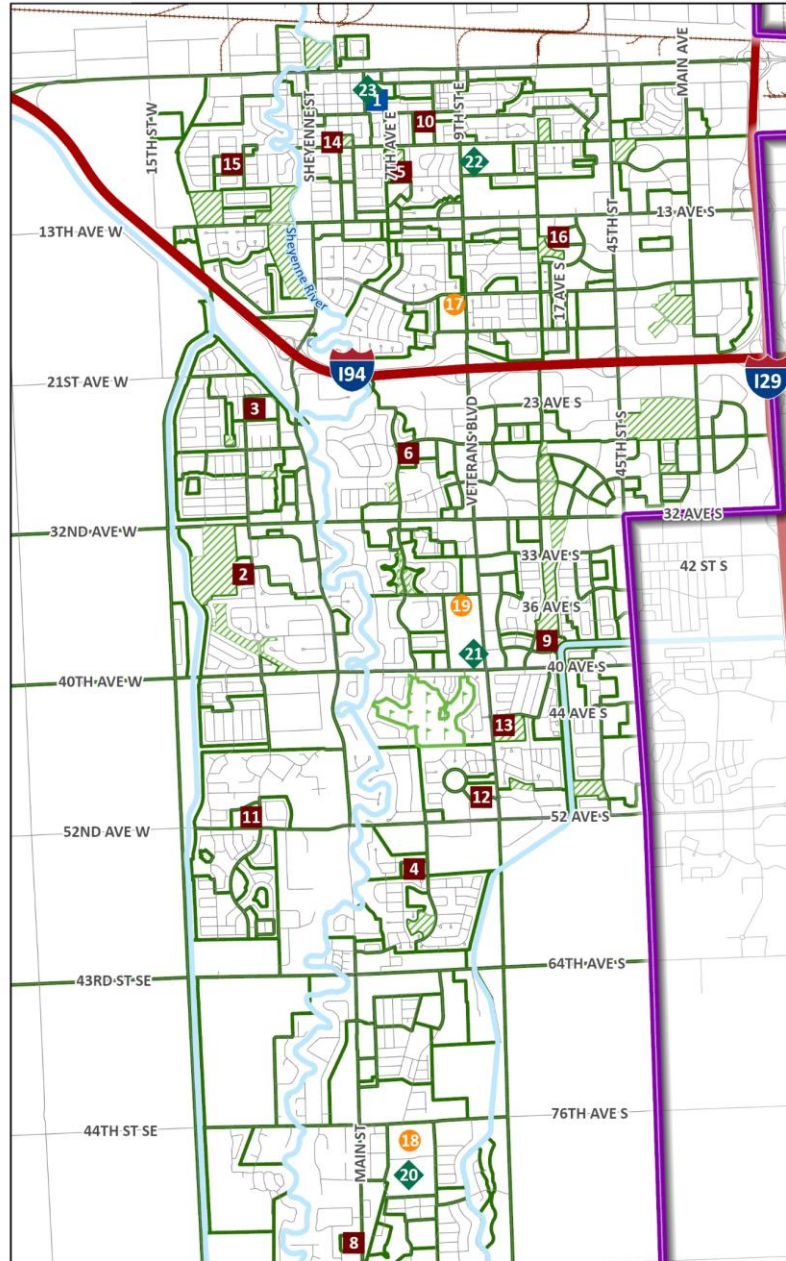
- There are over **450** planning areas RSP monitors (green)
- Planning areas are created by RSP using:
 - Land Use (Residential, Commercial, Industrial)
 - Residential Density (Single-Family, Mobile Home, Duplex, Apartment)
 - Natural Features (Rivers, Creeks)
 - Manmade Features (Railroad, Streets)
 - School Attendance Areas

Notes

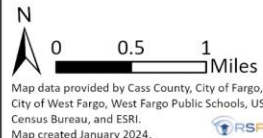
Statistically analyzing data with this number of geographic based polygons will provide a deeper context to how change is happening resulting in a reliable tool to make credible planning decisions. Each planning area had a different outlook based on indicators such as value of housing, square footage of housing unit, when the housing product was constructed, as well as access to amenities such as shopping, parks, trails, and roads



West Fargo Public Schools Planning Areas



- List of Schools**
- | | |
|---------------------------|------------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South Center |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Legend:**
- District Boundary
 - ◆ Pre-K
 - ◆ Elementary School
 - Middle School
 - ◆ High School
 - ◆ Golf Course
 - ▨ Park
 - ▭ Planning Areas



K-5th Count Change Map

Map Details

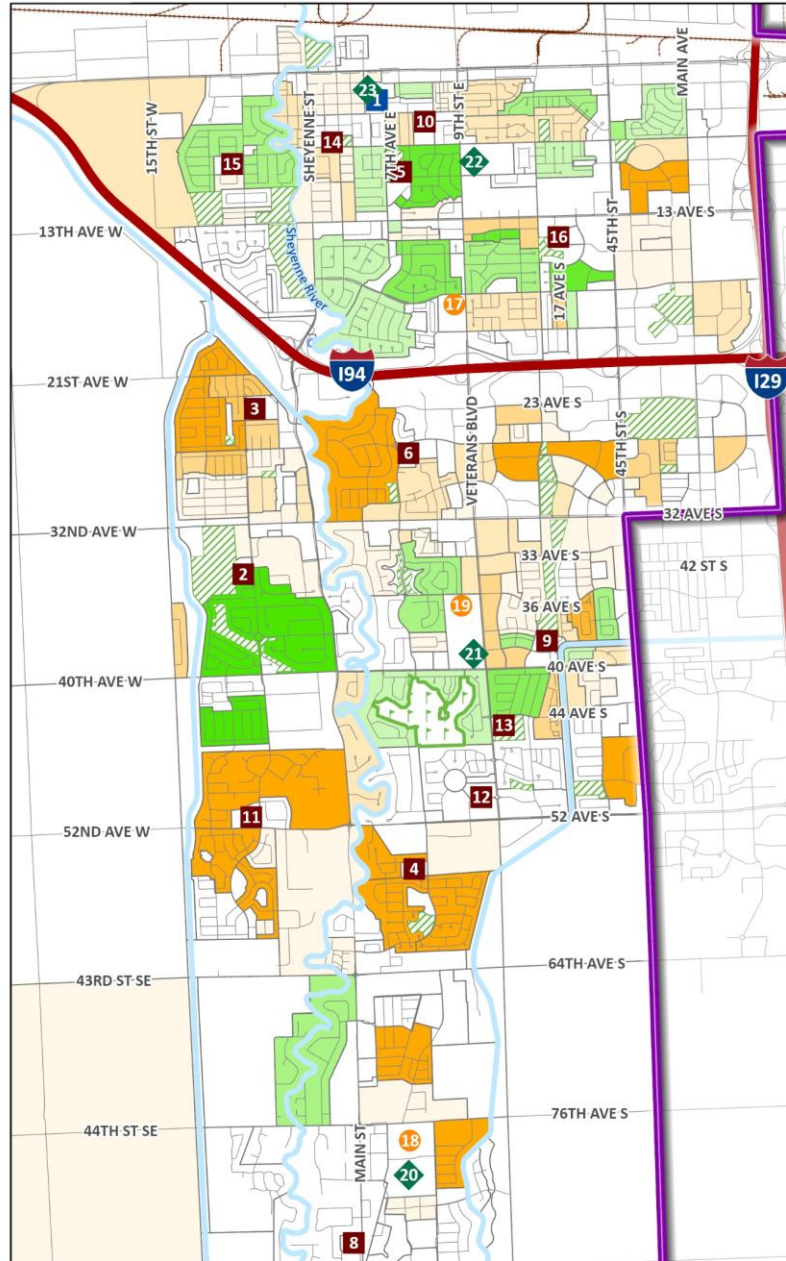
- Depicts student movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.



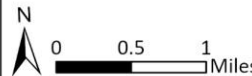
West Fargo Public Schools Student Count Change from 2019/20 to 2023/24 in Grades K-5



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- ◆ High School
 - ◆ Golf Course
 - ◆ Park



Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

6-8th Count Change Map

Map Details

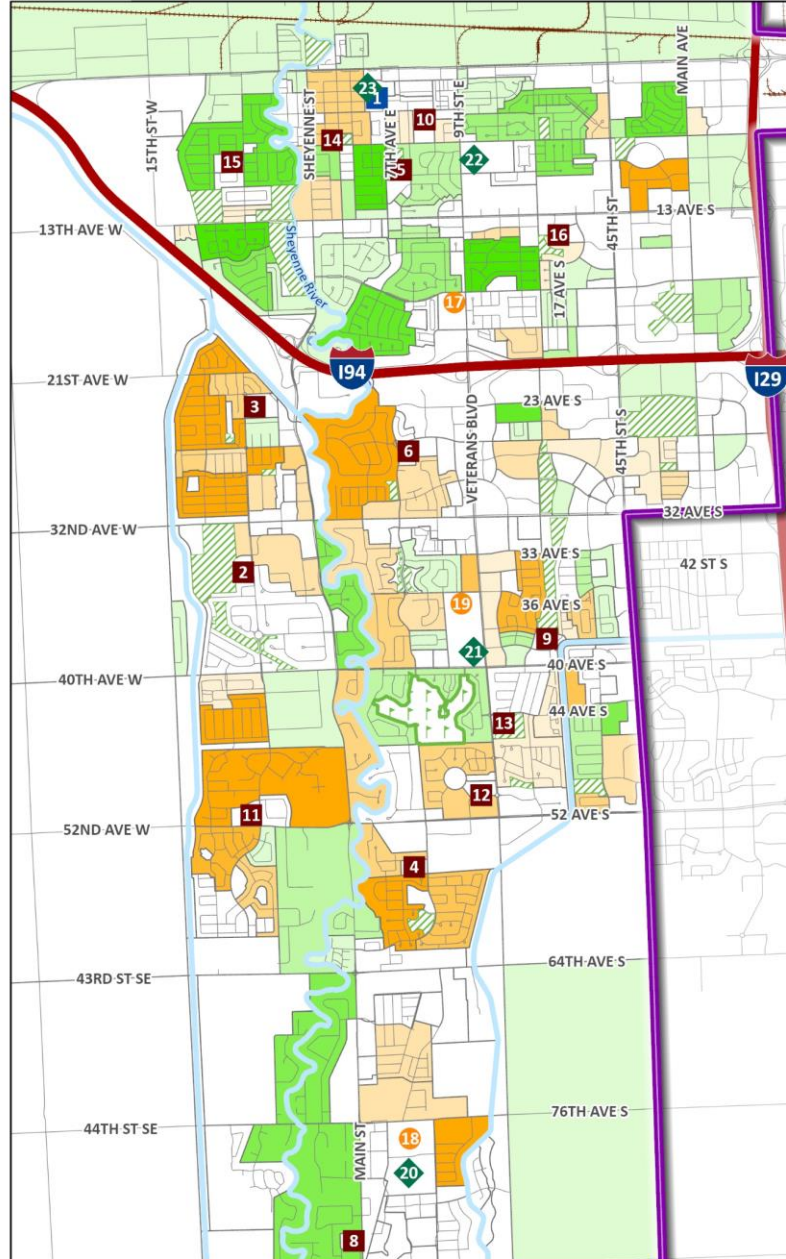
- Depicts student movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.



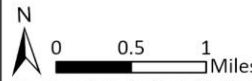
West Fargo Public Schools Student Count Change from 2019/20 to 2023/24 in Grades 6-8



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Pre-K
 - Elementary School
 - Middle School
 - High School
 - Golf Course
 - Park



Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

9-12th Count Change Map

Map Details

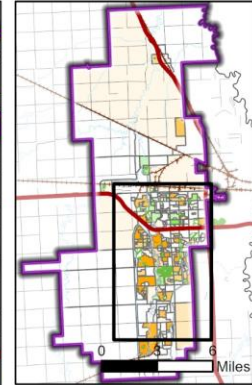
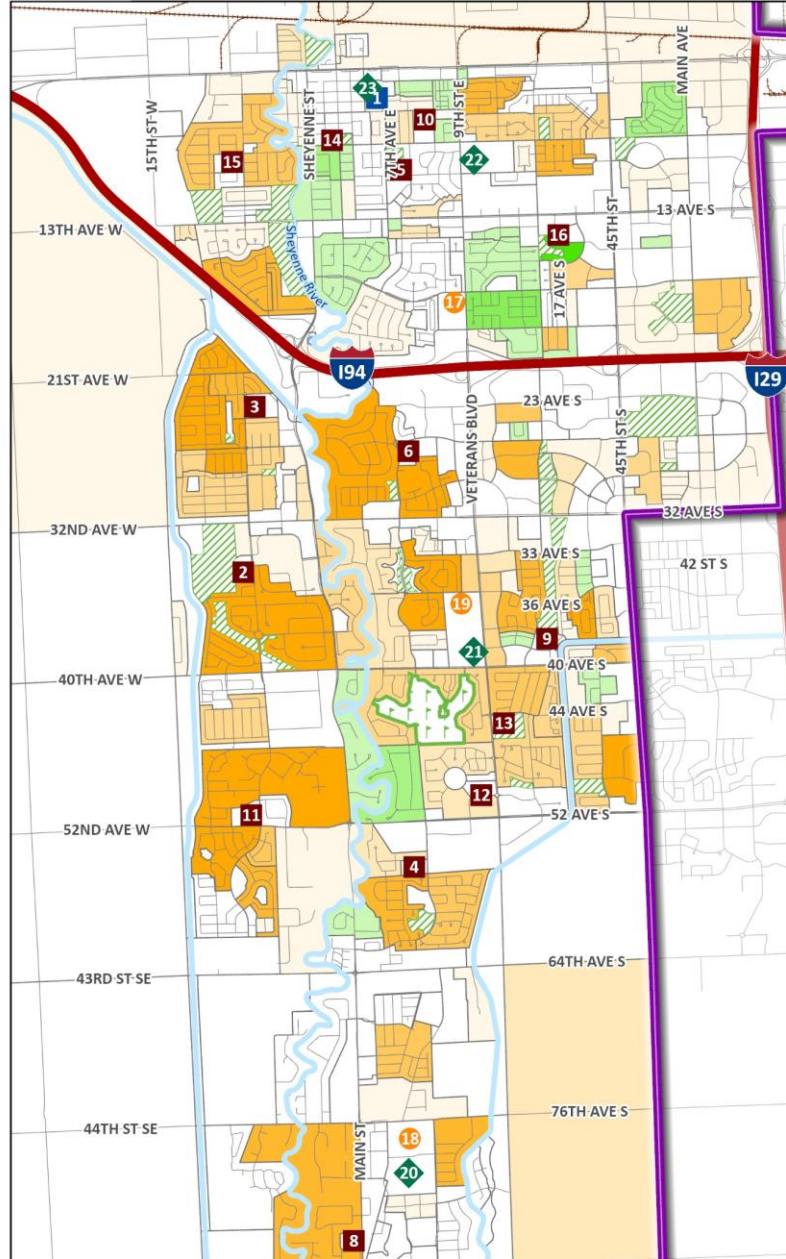
- Depicts student movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.



West Fargo Public Schools Student Count Change from 2019/20 to 2023/24 in Grades 9-12



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Pre-K
 - Elementary School
 - Middle School
 - High School
 - Golf Course
 - Park



Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

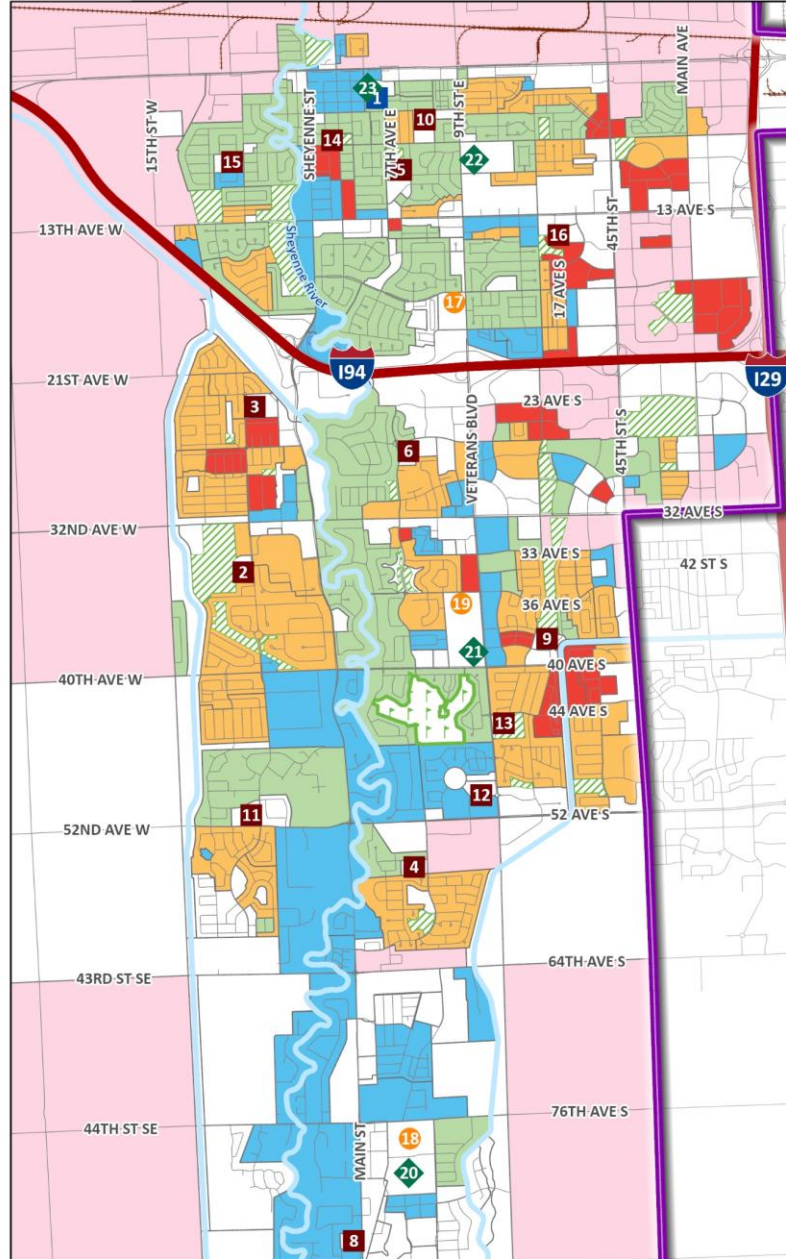
2023/24 Student Density Map

Map Details:

- Shows students density by planning area in 2023/24
 - **Pink: 1 to 25 students**
 - **Blue: 26 to 500 students**
 - **Green: 501 to 1,000 students**
 - **Orange: 1,001 to 1,750 students**
 - **Red: over 1,750 students**



West Fargo Public Schools 2023/24 Student Density in Grades K-12



- List of Schools**
- | | |
|---------------------------|------------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South Center |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- District Boundary
 - Pre-K
 - Elementary School
 - Middle School
 - High School
 - Golf Course
 - Park
- Student Density**
- 0
 - 1 to 25
 - 26 to 500
 - 501 to 1,000
 - 1,001 to 1,750
 - > 1,750

Student Density is the number of students per square mile within each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

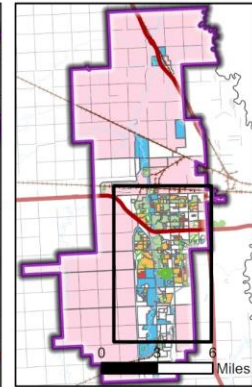
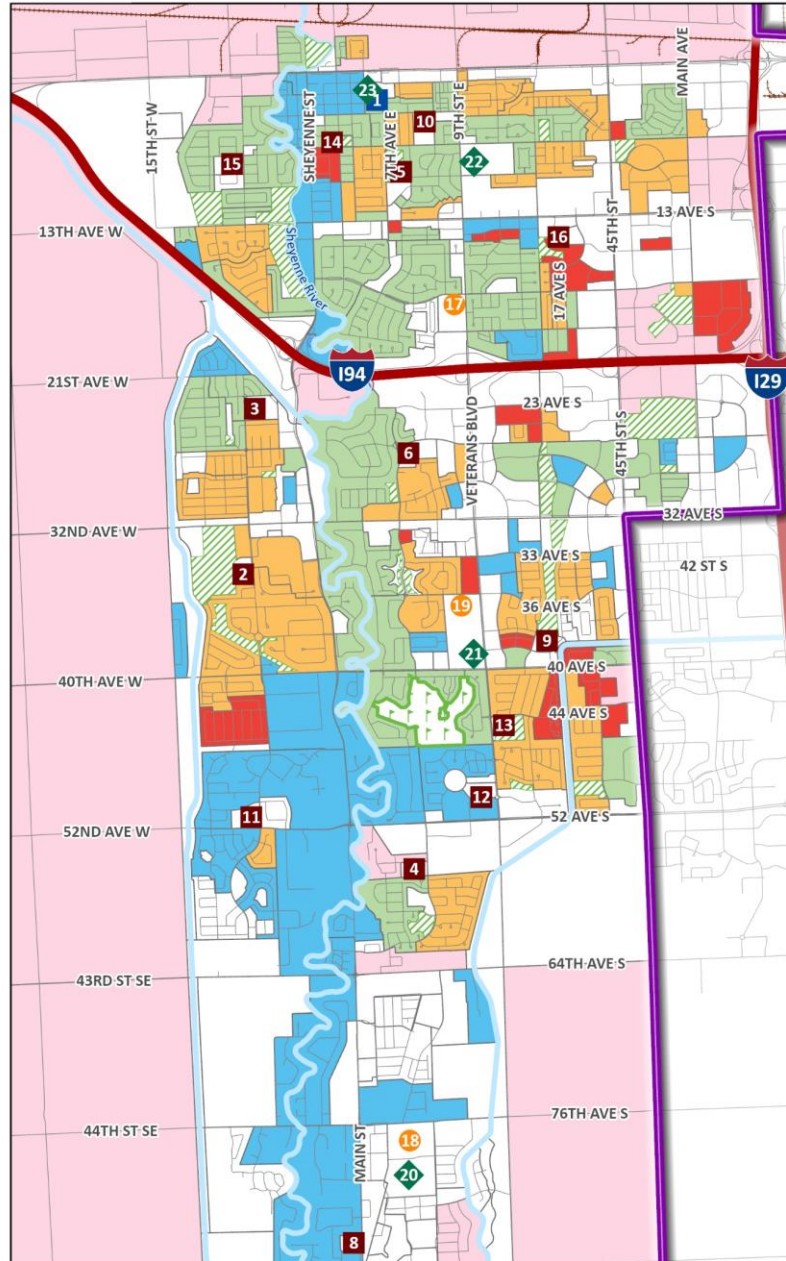
2019/20 Student Density Map

Map Details:

- Shows students density by planning area in 2019/20
 - **Pink: 1 to 25 students**
 - **Blue: 26 to 500 students**
 - **Green: 501 to 1,000 students**
 - **Orange: 1,001 to 1,750 students**
 - **Red: over 1,750 students**



West Fargo Public Schools 2019/20 Student Density in Grades K-12



- List of Schools**
- | | |
|---------------------------|------------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South Center |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
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| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |

- Elementary Schools**
- Pre-K
 - Elementary School
 - Middle School
- High Schools**
- High School
 - Golf Course
 - Park

- Student Density**
- 0
 - 1 to 25
 - 26 to 500
 - 501 to 1,000
 - 1,001 to 1,750
 - > 1,750

Student Density is the number of students per square mile within each Planning Area.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Student Density Change Map

Map Details

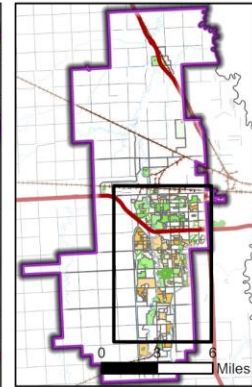
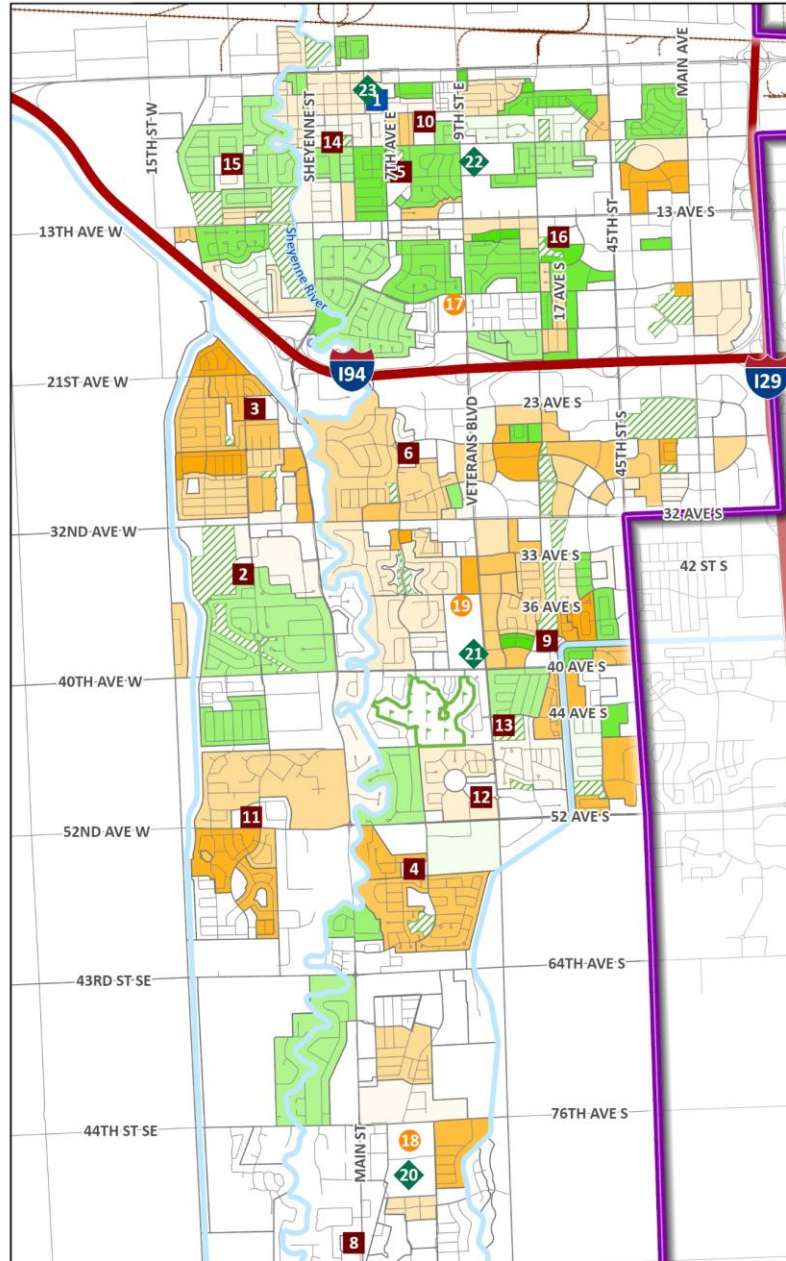
- Depicts student density movement at each Planning Area from **2019/20** to **2023/24**
- **Orange:** student increase year to year
- **Green:** student decrease year to year
- **White:** no net change of students

Notes:

New developments have a greater propensity to have more students in future years. Current colors do not indicate area will continue to increase or decrease. Each of these planning areas are fluid with respect to change – the visual shown is a snapshot: Areas shown as increasing will not always increase just like areas shown as decreasing will not always decrease.



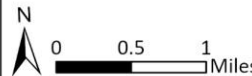
West Fargo Public Schools Student Density Change from 2019/20 to 2023/24 in Grades K-12



- List of Schools**
- | | |
|---------------------------|-----------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- ◆ High School
 - ◆ Golf Course
 - ◆ Park



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 Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

Kindergarten Count Map

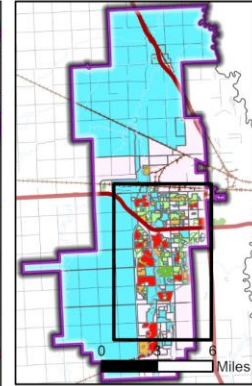
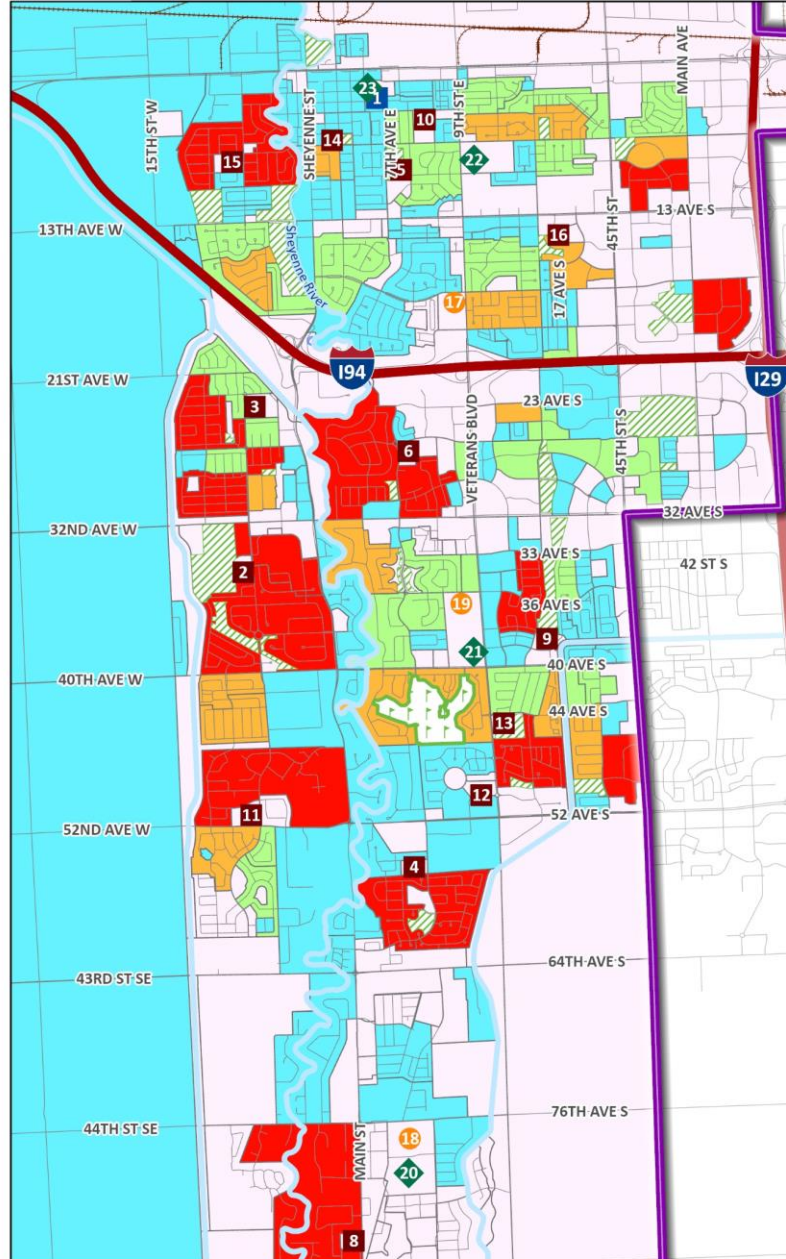


West Fargo Public Schools 2019/20 to 2023/24 Kindergarten Count



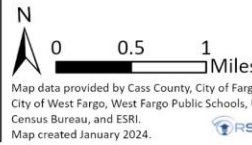
Map Details:

- Shows 5-year average kindergarten student count by planning area
 - **Pink:** 0 Kdg students
 - **Teal:** less than 5 Kdg students
 - **Green:** 6 to 19 Kdg students
 - **Orange:** 11 to 15 Kdg students
 - **Red:** over 15 Kdg students



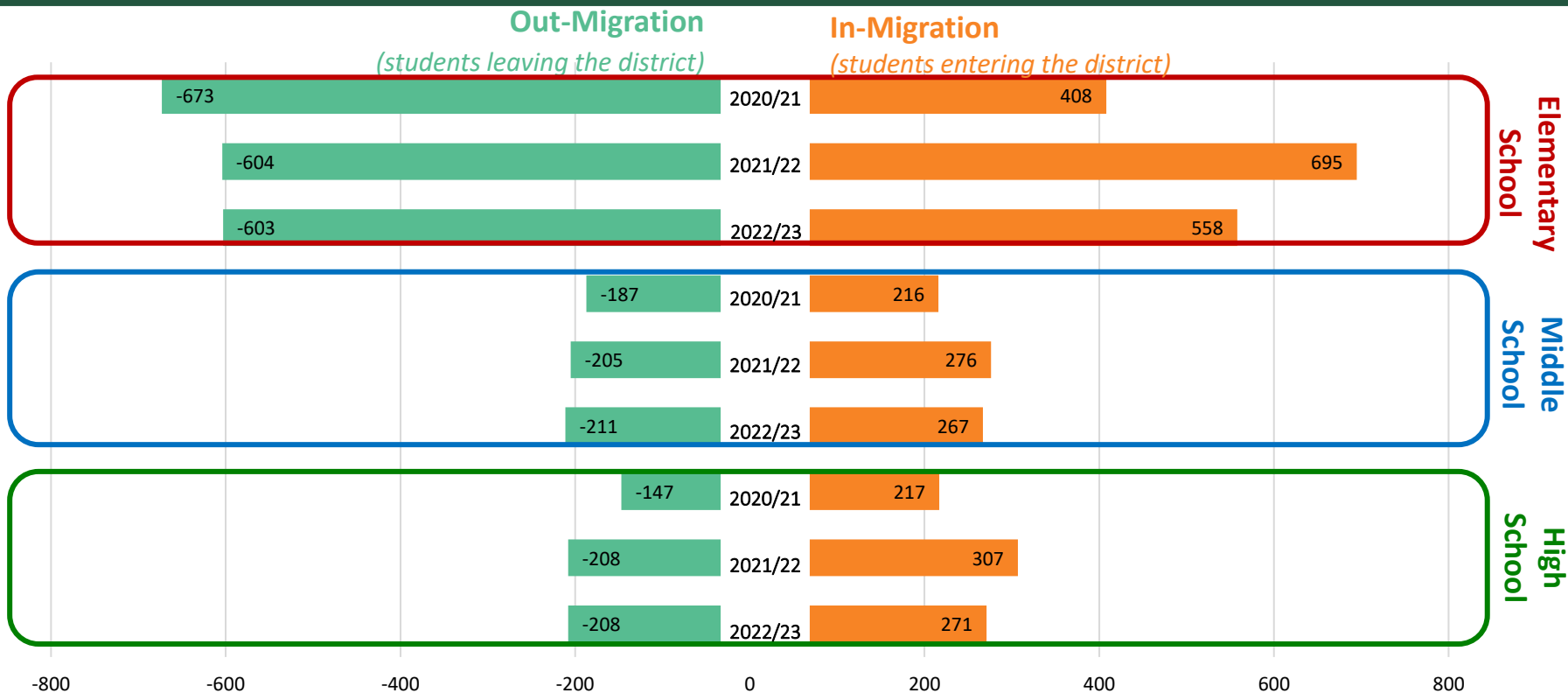
- List of Schools**
- | | |
|---------------------------|------------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South Center |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Shyenne |
| 11. Legacy | 22. West Fargo |
| 12. Community | 23. Community |
- Elementary Schools**
- Middle Schools**
- High Schools**
- Legend:**
- ▭ District Boundary
 - ▭ Pre-K
 - ▭ Elementary School
 - ▭ Middle School
 - ▭ High School
 - ▭ Golf Course
 - ▭ Park
- Number of K Students**
- ▭ 0
 - ▭ < 5
 - ▭ 6 to 19
 - ▭ 11 to 15
 - ▭ > 15

Kindergarten Count is the average number of total K students within each Planning Area in a five year period.



Main Takeaway: Kindergarten count of students along the western side of the district near Aurora and Freedom elementary schools

2020/21 to 2022/23 Student Migration Trend



Source: West Fargo Public Schools and RSP

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 current year.

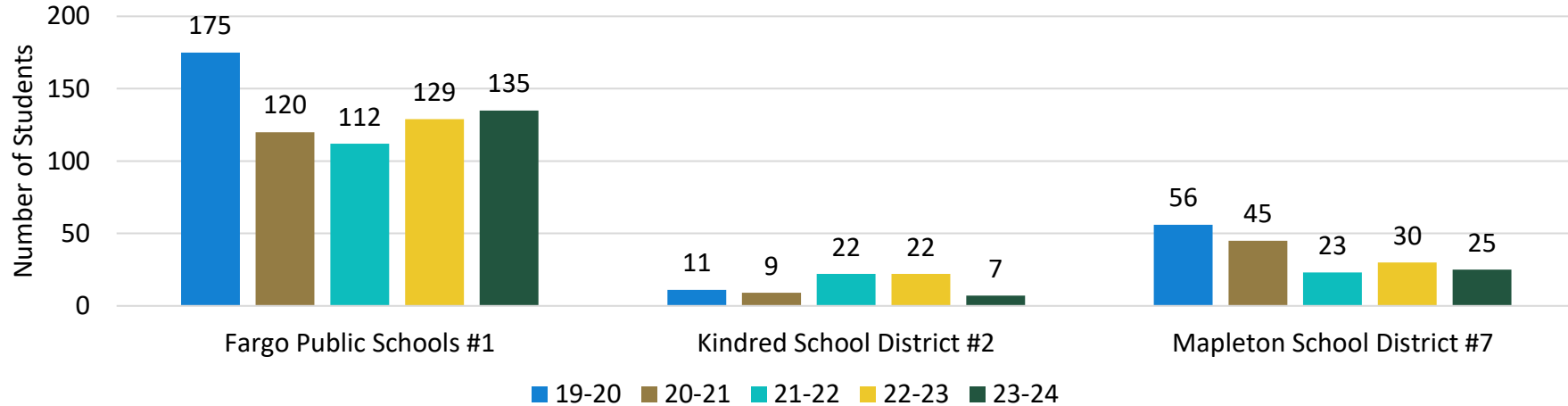
In-Migration: Shows number of students in grade 1st to 12th that are attending the District in the current year, but were not attending the District in the previous year.

Observations

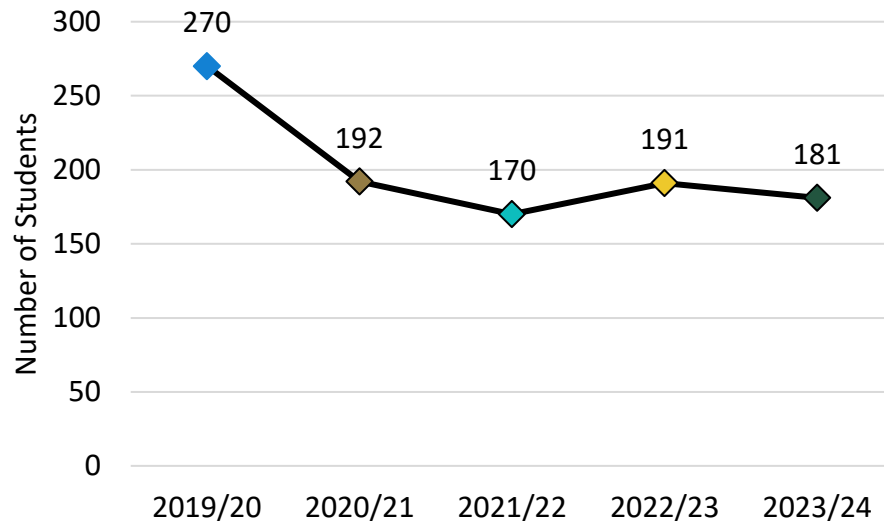
- 2020/21 lost 1,007 students and gained 841 students; **NET: -166**
- 2021/22 lost 1,017 students and gained 1,278 students; **NET: +261**
- 2022/23 lost 1,022 students and gained 1,096 students; **NET: +74**

Out of District Student Analysis

Out of District Students by Residing School District (top 3)



Total Out of District Students per Year



Observations:

- Currently there are 181 West Fargo students residing outside of the district boundary
- The number of out of district students has been generally decreasing year to year
- Fargo Public Schools tends to contribute the largest share of out of district students per year

Methodology Note: Analysis includes the number of students RSP has geocoded residing out of the district boundary. It may not align with district totals of out-of-district transfers, but provides count of students with addresses outside of the district at the time of Official Count provided data.

Source: West Fargo Public Schools and RSP

Intra-District Transfer Table

ES (K-5)	Attend														
	Aurora	Brooks Harbor	Deer Creek	Eastwood	Freedom	Harwood	Horace	Independence	L E Berger	Legacy	Osgood	South	Westside	Willow Park	Attend Total
Reside															
Aurora	0	1	5	1	4	0	0	3	0	6	1	1	0	0	22
Brooks Harbor	3	0	1	0	2	0	0	4	2	1	0	2	1	0	16
Deer Creek	0	3	0	0	0	0	1	11	0	5	6	0	2	0	28
Eastwood	0	1	0	0	0	0	1	1	4	0	0	3	3	14	27
Freedom	2	2	2	1	0	0	0	6	0	3	1	4	1	2	24
Harwood	0	0	0	1	0	0	0	0	0	0	1	0	1	0	3
Horace	0	0	4	0	1	0	0	1	0	5	1	1	0	0	13
Independence	0	6	7	4	12	0	0	0	1	0	1	2	0	2	35
L E Berger	0	3	0	5	0	0	0	2	0	0	0	4	5	4	23
Legacy	0	2	3	0	0	0	3	0	0	0	1	1	0	1	11
Osgood	0	4	12	0	0	0	0	6	1	0	0	0	1	1	25
South	0	0	0	5	2	0	0	0	2	0	0	0	10	0	19
Westside	1	0	1	1	0	0	0	0	6	0	0	3	0	0	12
Willow Park	3	0	0	20	3	1	1	0	4	0	0	12	4	0	48
Grand Total	9	22	35	38	24	1	6	34	20	20	12	33	28	24	306

Elementary | Example: Aurora ES has 22 students transferring out of the boundary and 9 students transferring in from other schools.

- Willow Park has the most transferring out (-48) and largest net loss (-24)
- Eastwood has the most transferring in (+38), but Westside has the largest net gain (+16)

Middle School | Example: Cheney MS has 15 students transferring out of the boundary and 18 students transferring in from other schools.

- Liberty MS has the most transferring in (+41)
- Liberty MS has the most transferring out (-44)
Note: Possible in-district transfer in Heritage/Liberty instead of going to new boundary

MS (6-8)	Attend			
	Cheney	Heritage	Liberty	Attend Total
Reside				
Cheney	0	7	8	15
Heritage	5	0	33	38
Liberty	13	31	0	44
Grand Total	18	38	41	97

HS (9-12)	Attend			
	Horace	Sheyenne	West Fargo	Attend Total
Reside				
Horace	0	199	14	213
Sheyenne	34	0	40	74
West Fargo	9	15	0	24
Grand Total	43	214	54	311

High School | Example: Horace HS has 213 students transferring out of the boundary and 43 student transferring in from other schools.

- Horace HS has the most transferring out (-213) and largest net loss (-170)
- Sheyenne HS has the most transferring in (+214) and largest net gain (+140)

Note: Horace now serves 9th,10th, 11th & 12th grade this year

Source: West Fargo Public Schools and RSP

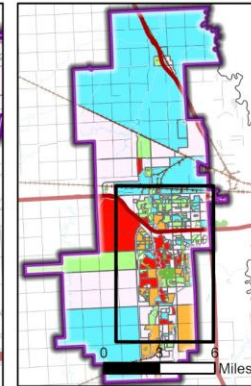
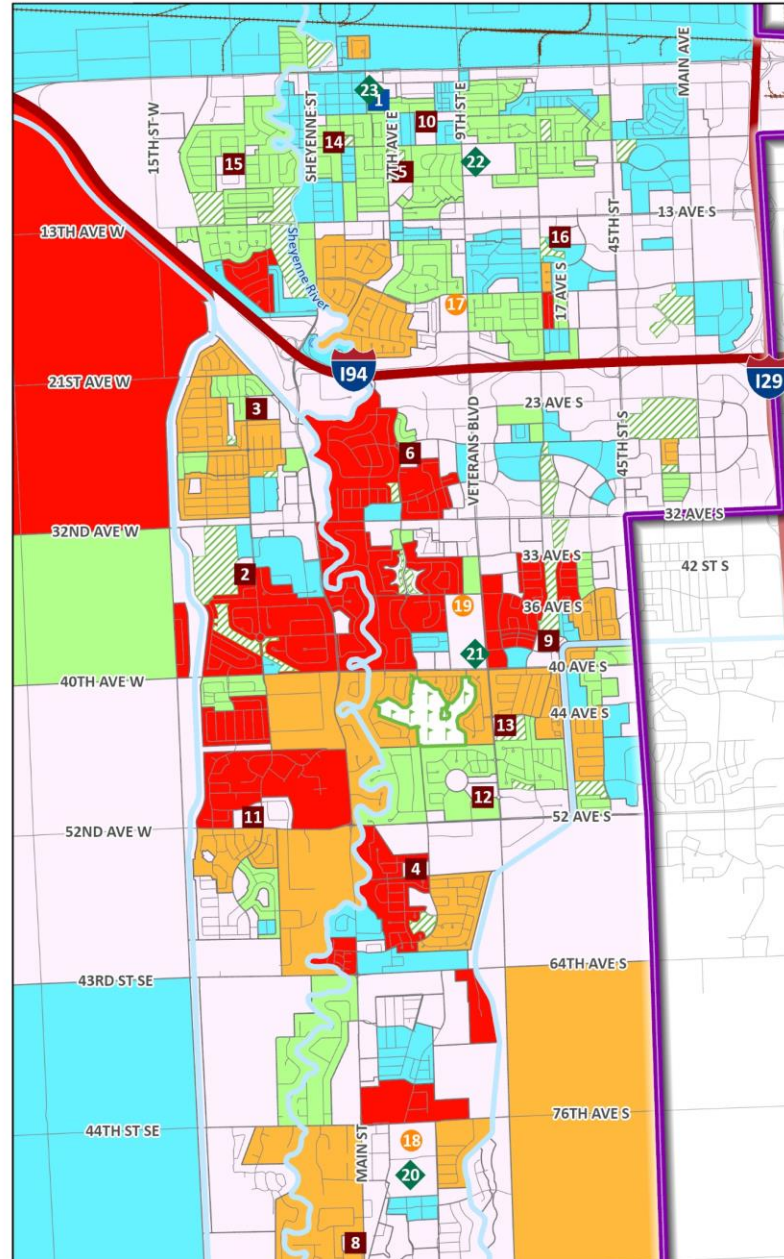
Yield Rate Analysis Map

Map Details:

- Map correlates with Yield Rate Analysis Tables on pages 29-30
- Visual shows the difference of yield rate by planning areas
- Map does not differentiate between single-family and multi-family – all residential units are utilized in this analysis



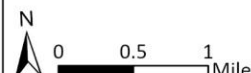
West Fargo Public Schools Yield Rate



- List of Schools**
- | | |
|---------------------------|------------------|
| 1. Early Childhood Center | 12. Meadowlark |
| 2. Aurora | 13. Osgood |
| 3. Brooks Harbor | 14. South Center |
| 4. Deer Creek | 15. Westside |
| 5. Eastwood | 16. Willow Park |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | 20. Horace |
| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Legend:**
- District Boundary
 - Pre-K
 - Elementary School
 - Middle School
 - ◆ High School
 - Golf Course
 - Park

- Yield Rate**
- | | |
|------------|------------|
| ■ < 10 | ■ 30 to 50 |
| ■ 10 to 30 | ■ 50 to 70 |
| ■ > 70 | |

Year built data is provided by Cass County, The City of Fargo, & West Fargo Assessor's offices. Yield Rate displayed by planning area. Yield Rate describes the number of K-12 students for every 100 units.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

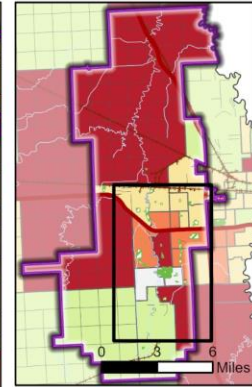
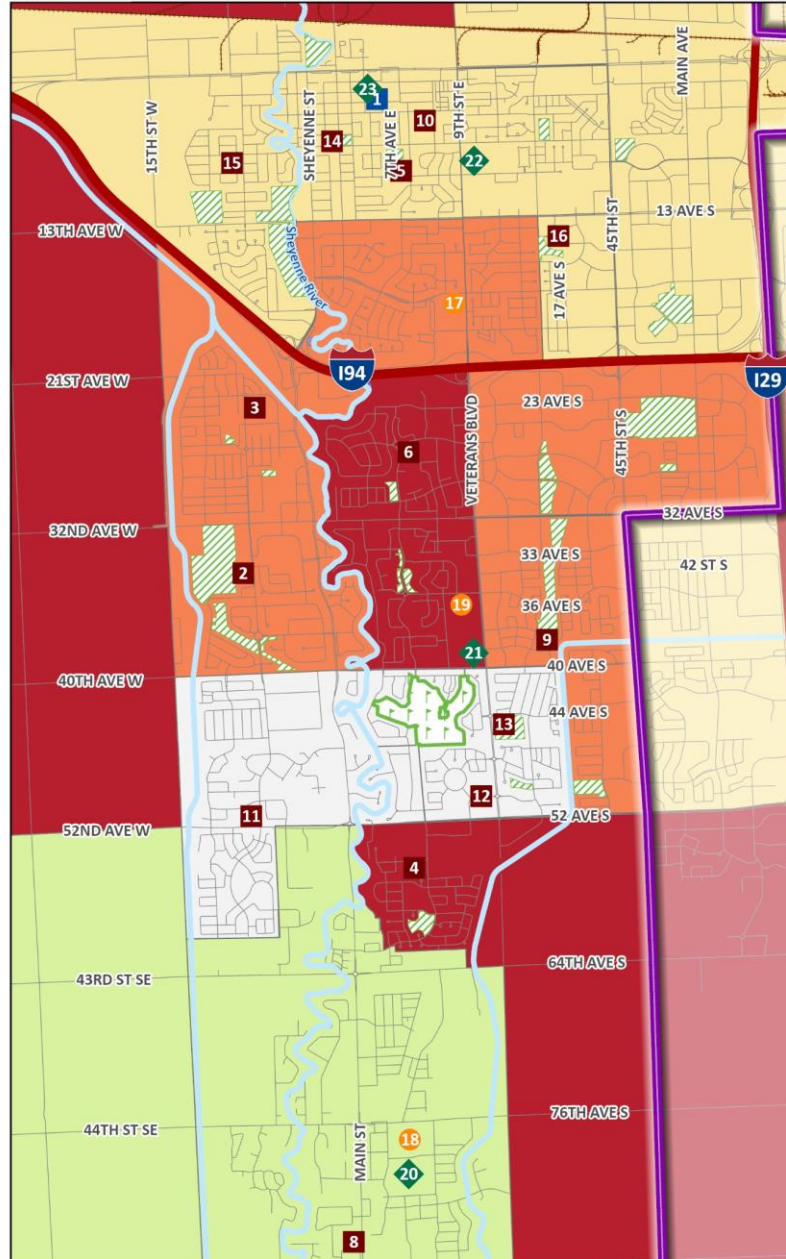
2021 Median Rent Map (census tract)

Map Details

- Depicts median rent as of 2021 by census tract
 - **Red:** Areas of least affordable rent
 - **Yellow/Gray:** Areas of most affordable rent

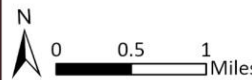


West Fargo Public Schools 2021 Median Rent



- List of Schools**
- | | |
|---------------------------|-----------------------|
| 1. Early Childhood Center | 13. Meadowlark |
| 2. Aurora | 14. South |
| 3. Brooks Harbor | 15. Westside |
| 4. Deer Creek | 16. Willow Park |
| 5. Eastwood | Middle Schools |
| 6. Freedom | 17. Cheney |
| 7. Harwood | 18. Heritage |
| 8. Horace | 19. Liberty |
| 9. Independence | High Schools |
| 10. L E Berger | 20. Horace |
| 11. Legacy | 21. Sheyenne |
| | 22. West Fargo |
| | 23. Community |
- Legend:**
- District Boundary
 - Pre-K
 - Elementary School
 - Middle School
 - ◆ High School
 - Golf Course
 - Park
- 2021 Median Rent**
- \$ 0
 - < \$500
 - \$500 to \$700
 - \$700 to \$900
 - \$900 to \$1,100
 - > \$1,100

Data is provided by ACS 5-Year Estimates. These estimates are released in the end of the following calendar year. The median rent is displayed by census tract.



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

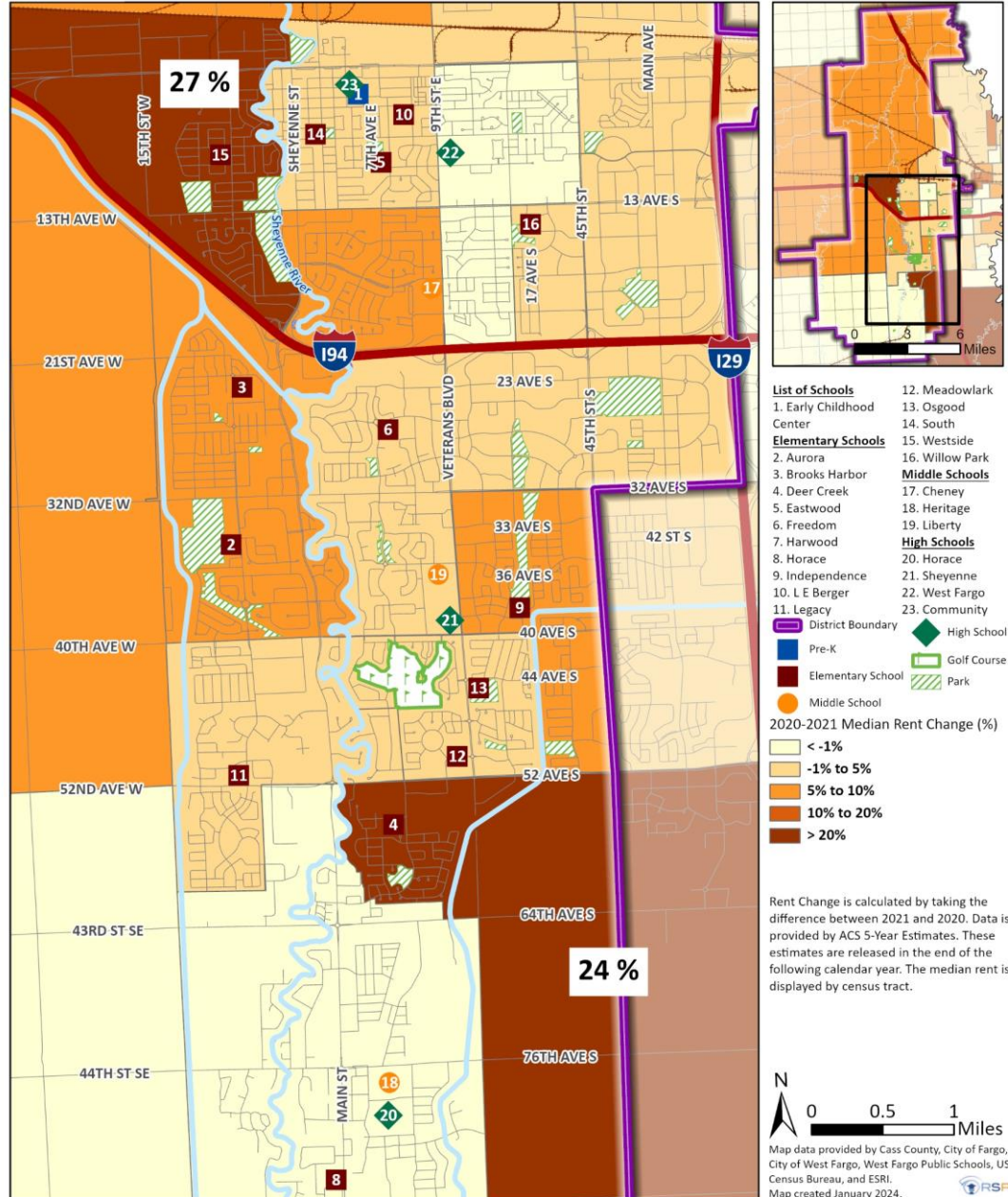
1 Year Rent Change Map (census tract)

Map Details

- Depicts median rent change from 2020 to 2021
 - **Brown:** Areas where rent change increased the most
 - **Yellow:** Areas where rent change increased the least



West Fargo Public Schools 2020-2021 Median Rent Change



Southern Potential Units

Map Details

- Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input
 - **Green:** identifies current development
 - **Yellow:** identifies 5-year potential developments
 - **Purple:** identifies 10-year potential developments

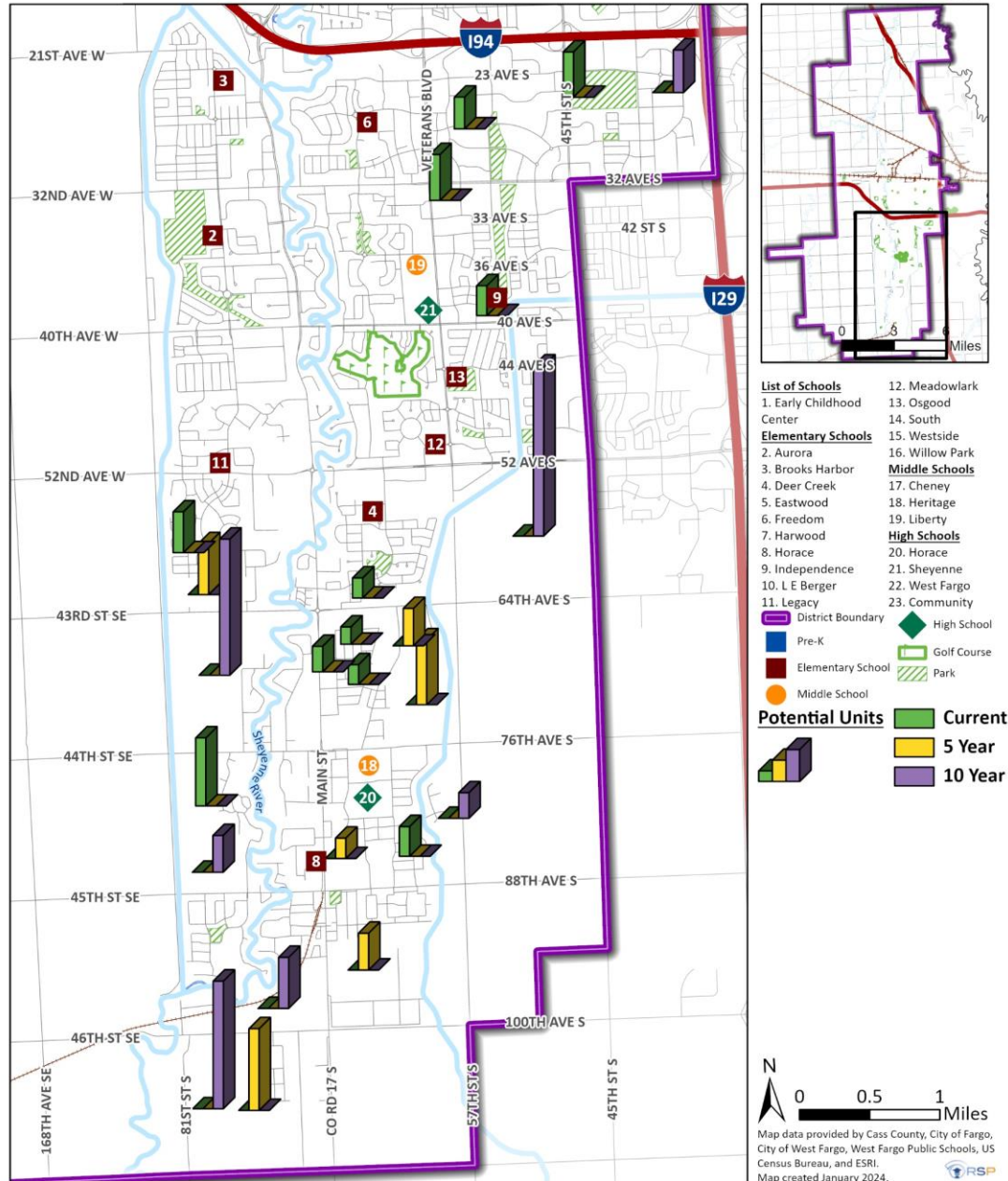
Notes

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.

Main Takeaway: Potential residential growth in the district is more located on the south side of the district near the City of Horace. The flood diversion project has potential to increase development once completed.



West Fargo Public Schools Potential Units



Northern Growth Areas

Map Details

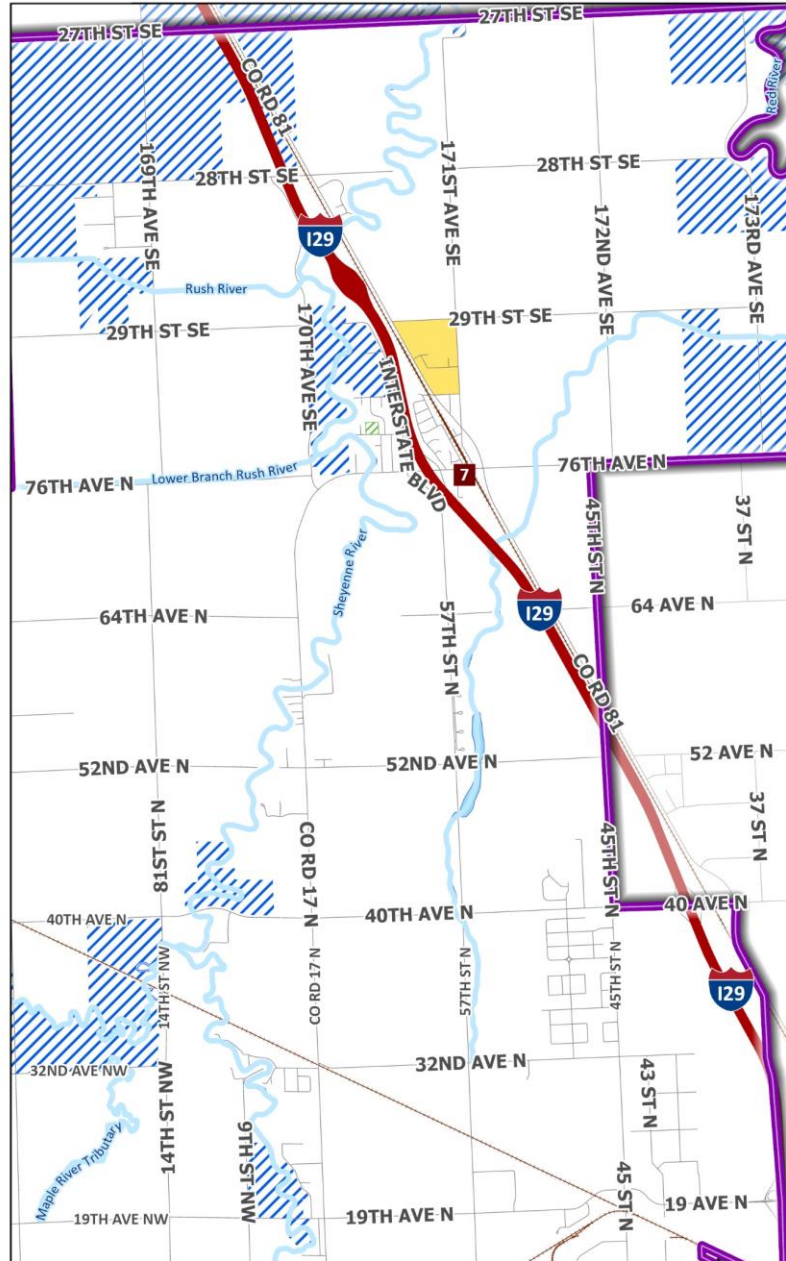
- Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input
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 - **Purple:** identifies 10-year potential developments

Notes

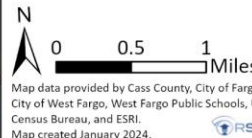
The market demand and property owners desire to build guides the timing and type of development. Some growth areas may require infrastructure improvements. There is no guarantee any of these growth areas will develop or that other areas not shown as a growth area will develop.



West Fargo Public Schools Growth Areas



List of Schools	
1. Early Childhood Center	12. Meadowlark
2. Aurora	13. Osgood
3. Brooks Harbor	14. South
4. Deer Creek	15. Westside
5. Eastwood	16. Willow Park
6. Freedom	17. Cheney
7. Harwood	18. Heritage
8. Horace	19. Liberty
9. Independence	20. Horace
10. L E Berger	21. Sheyenne
11. Legacy	22. West Fargo
	23. Community
District Boundary	High School
Pre-K	Golf Course
Elementary School	Park
Middle School	5 Year
F-M Area Diversion Project	10 Year
Future School Site	
Growth Areas	
	Current



Central Growth Areas

Map Details

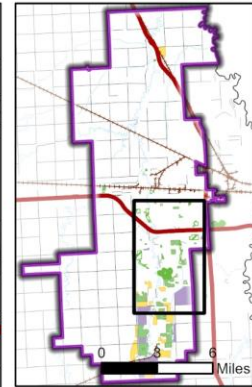
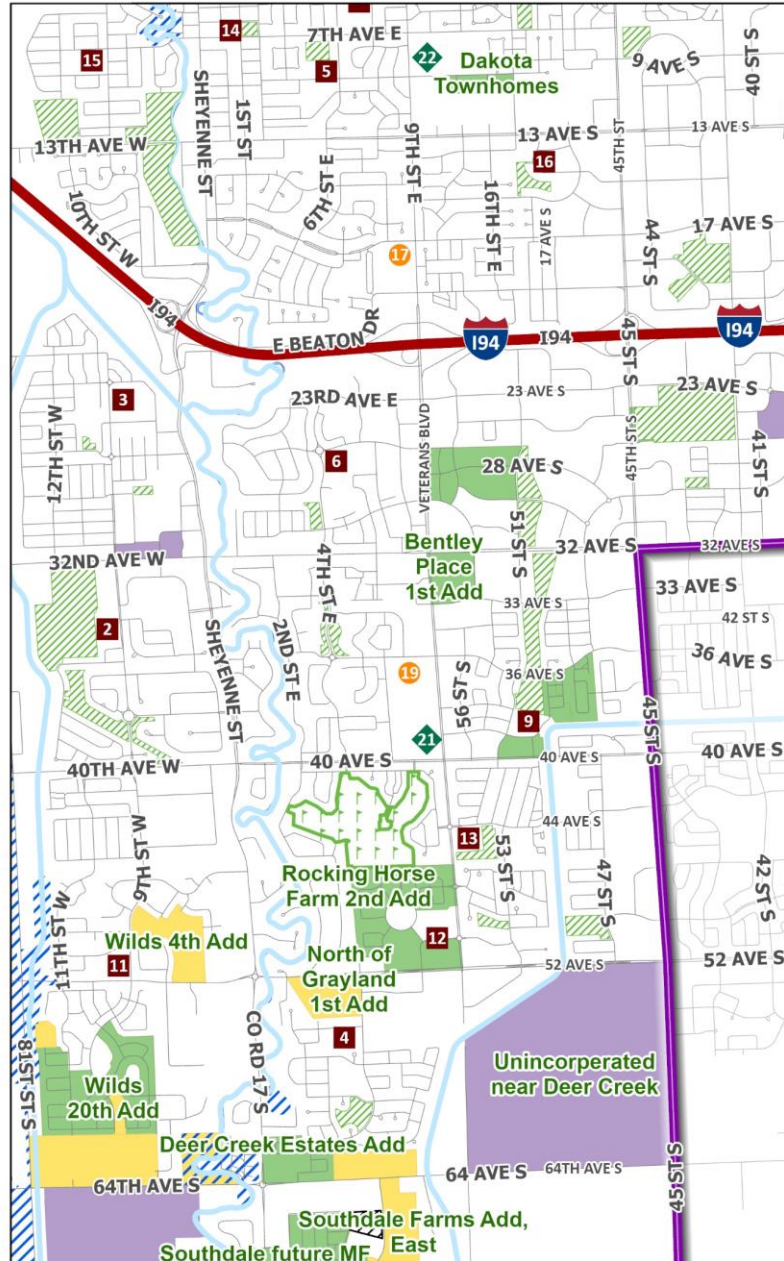
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 - **Purple:** identifies 10-year potential developments

Notes

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.



West Fargo Public Schools Growth Areas



- | | |
|--|---|
| List of Schools | 12. Meadowlark |
| 1. Early Childhood Center | 13. Osgood |
| 2. Aurora | 14. South |
| 3. Brooks Harbor | 15. Westside |
| 4. Deer Creek | 16. Willow Park |
| 5. Eastwood | 17. Cheney |
| 6. Freedom | 18. Heritage |
| 7. Harwood | 19. Liberty |
| 8. Horace | 20. Horace |
| 9. Independence | 21. Shyenene |
| 10. L E Berger | 22. West Fargo |
| 11. Legacy | 23. Community |
| Elementary Schools | Middle Schools |
| High Schools | |
| <ul style="list-style-type: none"> ▭ District Boundary ▭ Pre-K ▭ Elementary School ▭ Middle School ▭ F-M Area Diversion Project ▭ Future School Site | <ul style="list-style-type: none"> ▭ High School ▭ Golf Course ▭ Park ▭ 5 Year ▭ 10 Year |



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Map created January 2024.

Southern Growth Areas

Map Details

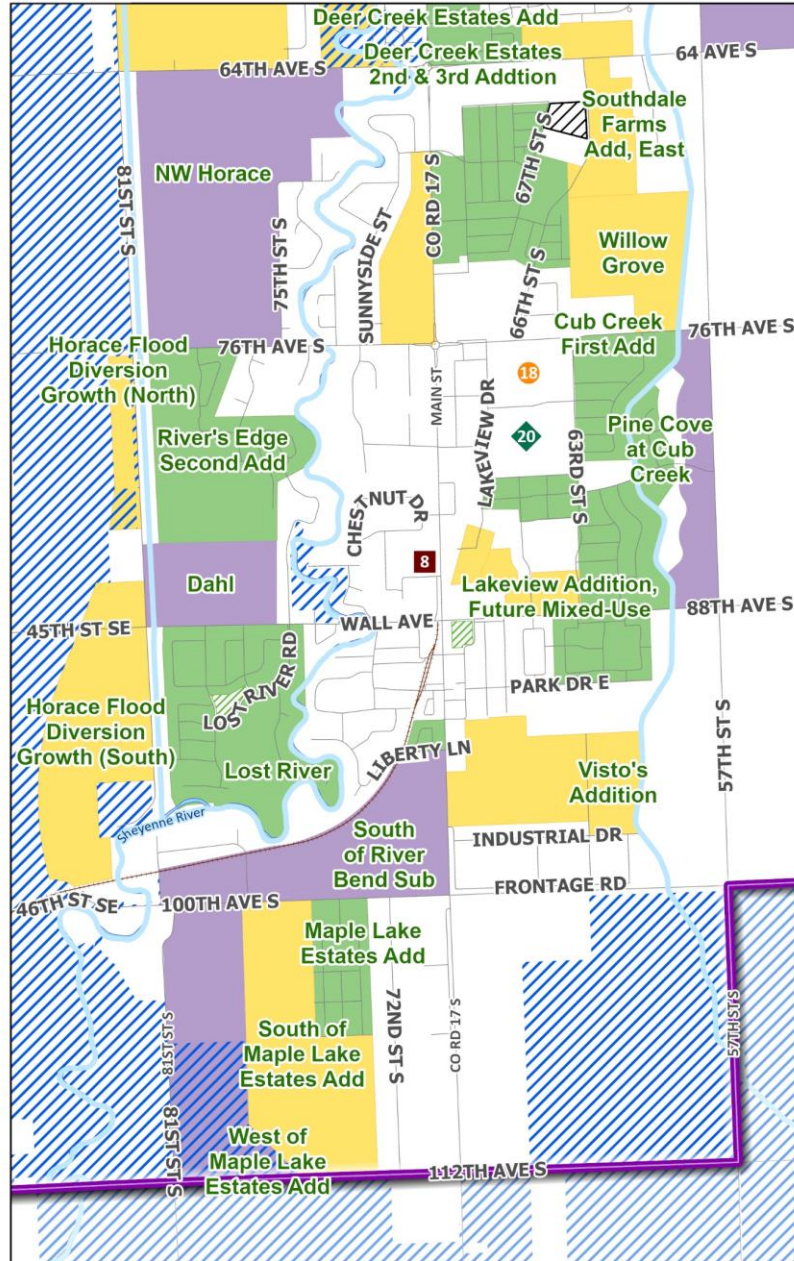
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Notes

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.



West Fargo Public Schools Growth Areas



- List of Schools**
- | | |
|---------------------------|-----------------|
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| 10. L E Berger | 21. Sheyenne |
| 11. Legacy | 22. West Fargo |
| | 23. Community |
- Legend:**
- District Boundary
 - Pre-K
 - Elementary School
 - Middle School
 - ▨ F-M Area Diversion Project
 - ▨ Future School Site
 - Growth Areas: Current (Green), 5 Year (Yellow), 10 Year (Purple)
 - ◆ High School
 - Golf Course
 - ▨ Park



Map data provided by Cass County, City of Fargo, City of West Fargo, West Fargo Public Schools, US Census Bureau, and ESRI.
Map created January 2024.

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