



Planning for the Future

Hillsboro Public Schools

2020/21 Enrollment Analysis

August 2021 Updated September 2021

Discussion Points

Part 1 | Enrollment



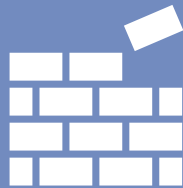
**Maps: Planning Areas &
Attendance Areas**

**Sophisticated Forecast
Model (SFM)**

**Past Enrollment and
Change**

Baseline Maps and Data

Part 2 | Development



**Population, Development,
& Enrollment Trends**

Yield Rate of Students

Maps and Data

Part 3 | Projections



**Past, Current, & Future
Enrollment**

Building Projections

Part 4 | Next Steps



Next Steps

Demographics

Who is RSP?

Who are we?

A professional educational planning firm with expertise in multiple disciplines

What is our experience? We have over...

20 years of planning experience;

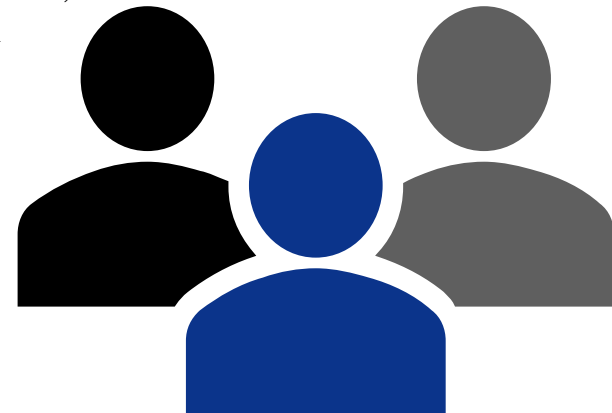
80 years of education experience; and

20 years of GIS experience

What do we do?

Project enrollment with projection accuracy of 97% or greater


We have served over 130 client in 11 states – Arkansas, Iowa, Illinois, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Oklahoma, and Wisconsin



Expectations



Thank you to Hillsboro Public Schools, Trill County, City of Hillsboro, USGS, ND GIS Hub, Census Bureau/Esri for making this happen!

 **Key Points** | How is this analysis a planning tool for making decisions?

Project Timeline | ensures student data is as close as possible to the Official Count allowing RSP to forecast enrollment at parcel level geography

Findings | RSP is not focused on supporting or contradicting any past internal or outsourced studies

Study | utilizes different data to drive the analysis needed for the RSP Statistical Forecast Model (SFM)

Enrollment Change | is influenced by many different variables including (but not limited to) birth rate, demographics, types of development, and/or housing affordability data

COVID-19 | the pandemic is closely monitored by RSP and the institutional/personal choices surrounding it to ensure good school planning

Study | does NOT provide specific information about which site would be best suited for a new facility

Analysis | based on the same grade configuration and educational programming the school district has for their students

Projections | is not a science – like life, some assumptions happen that may lead to greater enrollment while others toward a smaller enrollment

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



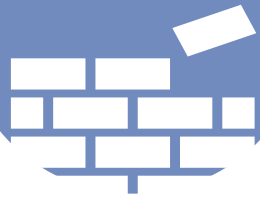
Part One

Enrollment



100,000 Foot Perspective

Development



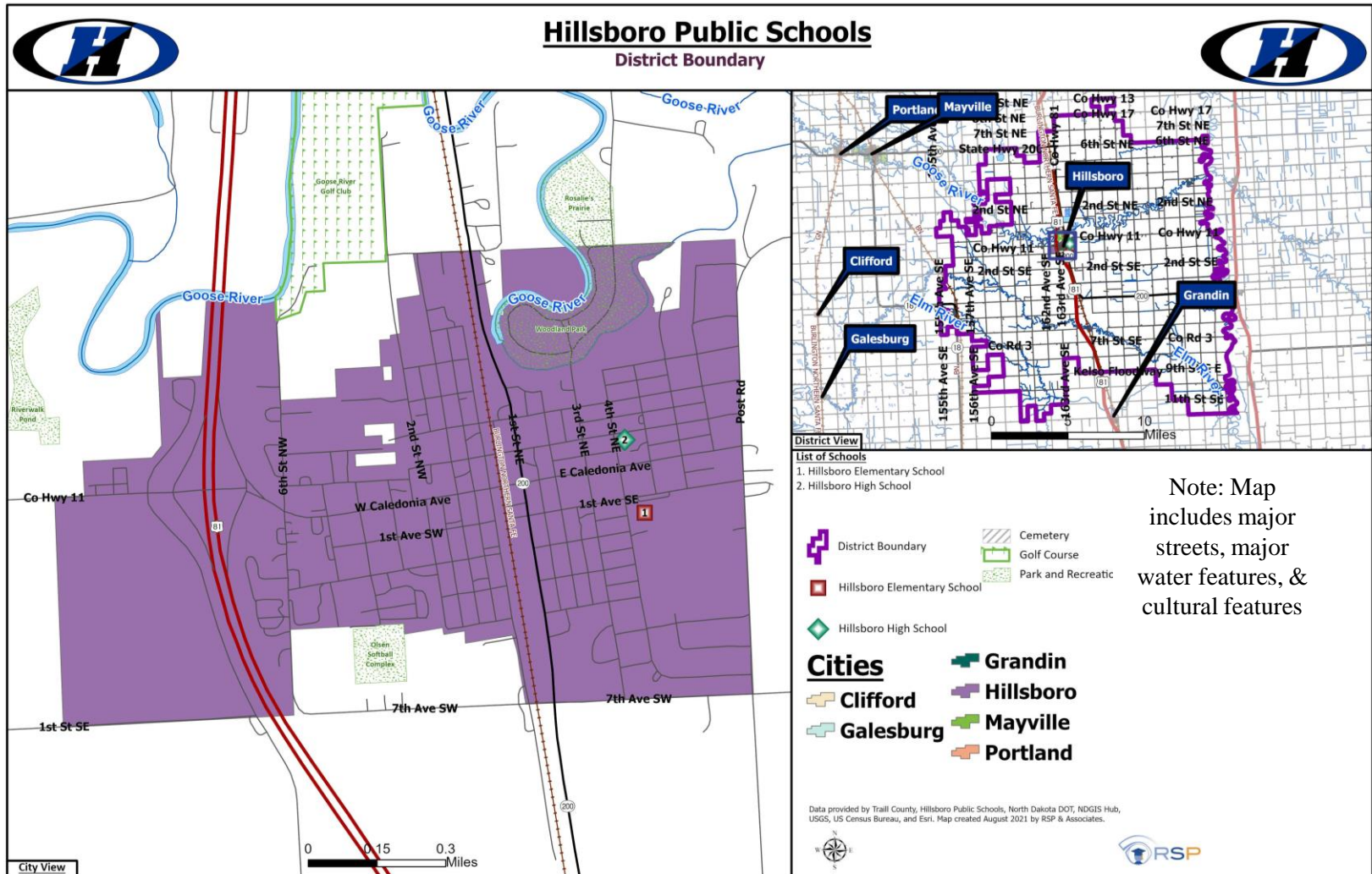
- Hillsboro has the potential for an increase in new residential development
- Limited residential housing stock impacts the ability for new families to move to the community
- There are 229 potential units to be built in 5 years – most of these units are likely to be single-family homes, but some could be townhomes
- It is not yet known how many units will be built in any given year

Enrollment



- Enrollment will be stable
- Most classes will likely be smaller than 40 students
- Potential for enrollment to start to increase by the end of the 5-year projections
- The capacity of the building will be important to analyze to determine if the educational programming will be able to completely address enrollment change

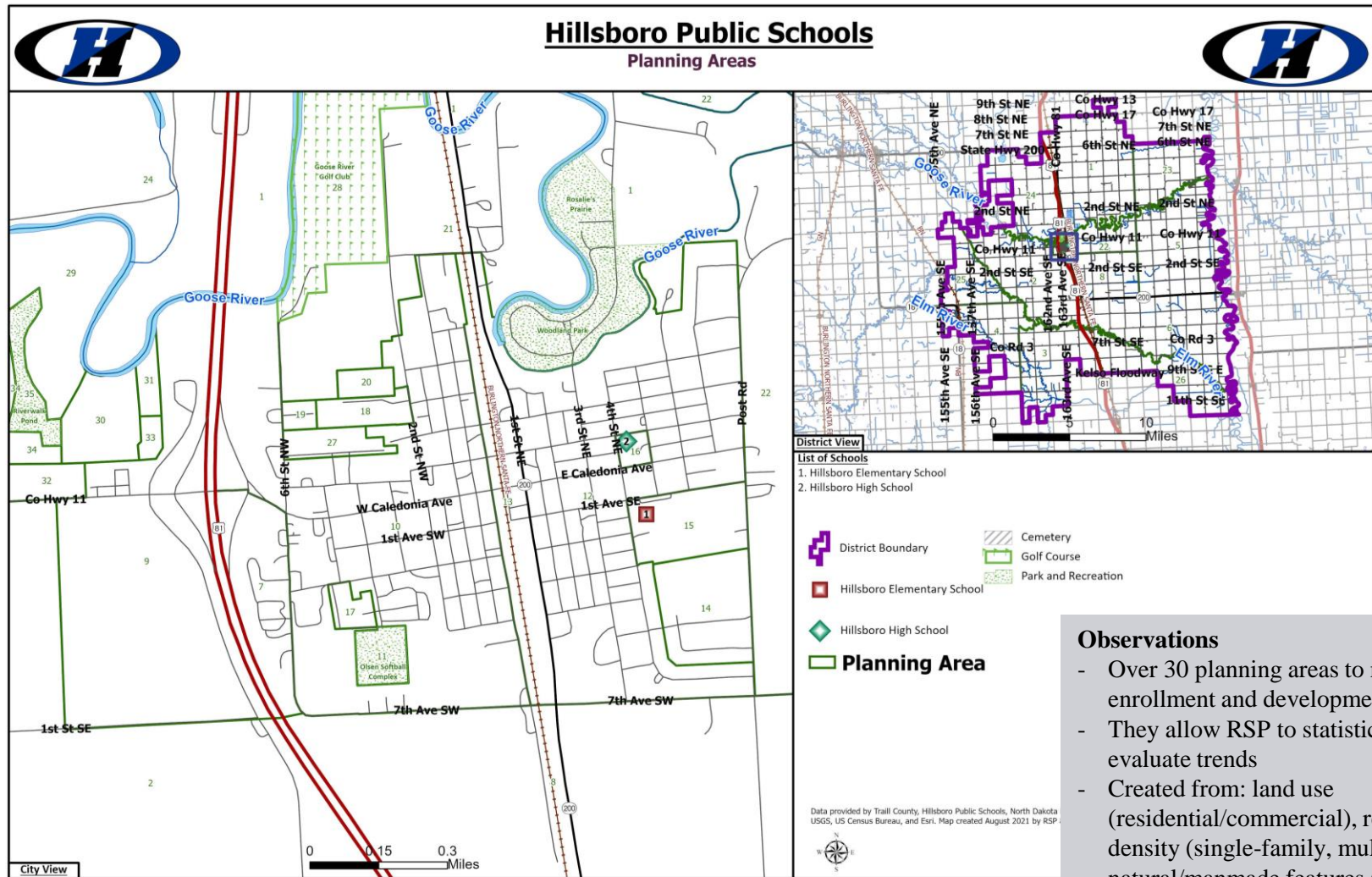
District Boundary



District Boundary: **Purple Line**

Municipality Limits: **Clifford, Galesburg, Grandin, Hillsboro, Mayville, & Portland**

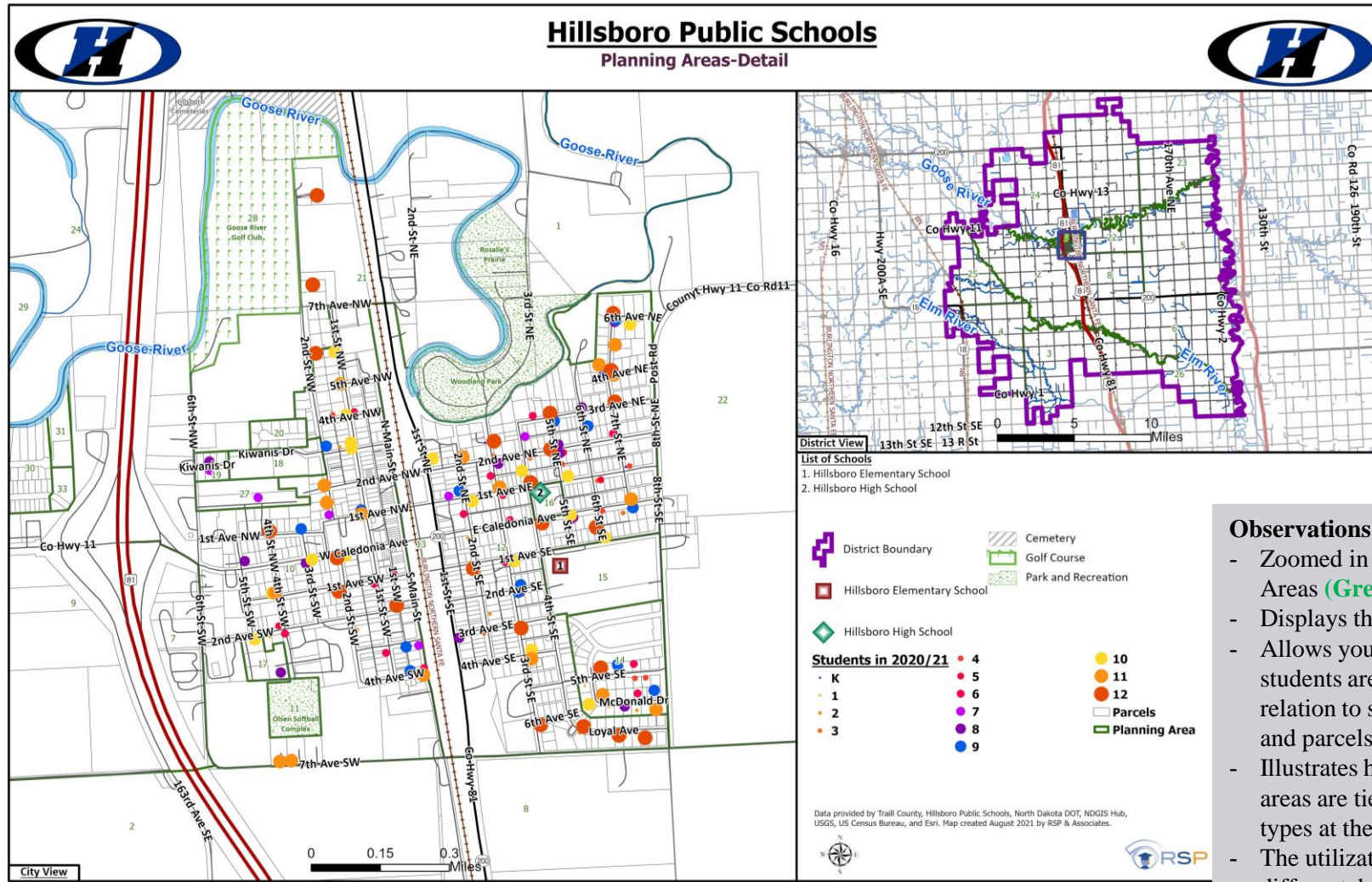
Planning Areas



Observations

- Over 30 planning areas to monitor enrollment and development
- They allow RSP to statistically evaluate trends
- Created from: land use (residential/commercial), residential density (single-family, multi-family), natural/manmade features (rivers, streets, railroads), attendance areas, & district boundaries

Detailed Planning Areas



Observations

- Zoomed in view of Planning Areas (Green Line)
- Displays the power of GIS data
- Allows you to see where students are located by grade in relation to streets, subdivisions, and parcels
- Illustrates how the planning areas are tied to development types at the parcel level
- The utilization of many different data sets provides a more robust analysis of the district trends

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

Sophisticated Forecast Model

Over 30 Planning Areas are statistically analyzed in the District

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.



RSP Sophisticated Forecast Model Details

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)
- estimate 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)

Birth Information

Trail County ND Live Births and Hillsboro Public Schools Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2006	95			2011/12	23	24.2%
2007	100	5	5.3%	2012/13	38	38.0%
2008	98	-2	-2.0%	2013/14	34	34.7%
2009	91	-7	-7.1%	2014/15	41	45.1%
2010	91	0	0.0%	2015/16	30	33.0%
2011	103	12	13.2%	2016/17	27	26.2%
2012	89	-14	-13.6%	2017/18	41	46.1%
2013	100	11	12.4%	2018/19	31	31.0%
2014	94	-6	-6.0%	2019/20	30	31.9%
2015	93	-1	-1.1%	2020/21	35	37.6%
2016	108	15	16.1%	2021/22	37	
2017	91	-17	-15.7%	2022/23	32	
2018	87	-4	-4.4%	2023/24	30	
2019	93	6	6.9%	2024/25	32	
2020	100	7	7.5%	2025/26	35	
3-Year Average	93.3	3.00				
3-Year Weighted Average	95.5	4.83				

Source: North Dakota Department of Health Division of Vital Records & Hillsboro Public Schools

Projections based on 3-year weighted average of % kdg of live births(34.6%)

Quick Facts:

This data tracks the number of live births and the corresponding number of kindergarten students five years later.

It only includes Kindergarten students located in Traill County.

Traill County Live Birth data is from January 1st to December 31st of each year

Observations

- Number of live births in Traill County was 5.26% greater in 2020 than 2006
- Hillsboro Public Schools has a range of 24.2% to 46.1% of County live births five years later
- The number of Kindergarten students five years later is one variable to understand the transiency of a community
- Largest increase year to year since 2016
- Last 3-year weighted average of percent kindergarteners to live births (34.6%) is a decrease from the previous 3 years (37.28%)

Enrollment by Grade

Updated September 2021

Enrollment By Grade														K-12		
Year	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change	% Change
2011/12	29	33	24	27	37	36	30	31	27	41	27	27	23	392	392	
2012/13	42	33	35	25	29	39	37	33	30	30	38	28	28	427	35	8.9%
2013/14	35	38	34	35	24	33	40	35	31	31	27	41	27	431	4	0.9%
2014/15	44	35	41	35	37	26	36	38	36	34	33	26	39	460	29	6.7%
2015/16	31	44	34	41	35	42	23	38	40	34	33	32	23	450	-10	-2.2%
2016/17	32	33	43	34	40	34	40	28	36	41	33	35	29	458	8	1.8%
2017/18	44	35	30	46	41	40	36	45	28	37	43	34	37	496	38	8.3%
2018/19	32	39	33	30	46	41	40	38	49	31	39	44	27	489	-7	-1.4%
2019/20	31	33	42	32	29	44	38	38	37	44	31	37	42	478	-11	-2.2%
2020/21	39	31	34	43	34	33	44	37	38	38	47	31	37	486	8	1.7%
2021/22	38	42	36	32	43	34	34	42	38	41	39	47	31	497	11	2.3%

Source: Hillsboro Public Schools (Updated 2021/22 Data Provided September 2021)

Observations

- Smallest Class in 2020/21: 11th grade and 1st grade with 31 students
- Largest Class in 2020/21: 10th grade with 47 students
- Kindergarten Enrollment: Minimal increase from 2011
 - 10-year growth: 10 students
 - Largest increase is from 2011/12-2012/13 of 13 students
- District-Wide Enrollment: Small increase in 10 years
 - 10-year growth: 94 students
 - Largest increase is from 2016/17-2017/2018 of 38 students
 - Largest decrease was in 2019/20 (loss of 11 students)

Cohort Student Observation

Updated September 2021

Enrollment Grade Change

From	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	K-12	
														Change	% Change
2011/12	13	4	2	1	2	2	1	3	-1	3	-3	1	1	35	8.9%
2012/13	-7	-4	1	0	-1	4	1	-2	-2	1	-3	3	-1	4	0.9%
2013/14	9	0	3	1	2	2	3	-2	1	3	2	-1	-2	29	6.7%
2014/15	-13	0	-1	0	0	5	-3	2	2	-2	-1	-1	-3	-10	-2.2%
2015/16	1	2	-1	0	-1	-1	-2	5	-2	1	-1	2	-3	8	1.8%
2016/17	12	3	-3	3	7	0	2	5	0	1	2	1	2	38	8.3%
2017/18	-12	-5	-2	0	0	0	0	2	4	3	2	1	-7	-7	-1.4%
2018/19	-1	1	3	-1	-1	-2	-3	-2	-1	-5	0	-2	-2	-11	-2.2%
2019/20	8	0	1	1	2	4	0	-1	0	1	3	0	0	8	1.7%
2020/21	-1	3	5	-2	0	0	1	-2	1	3	1	0	0	11	2.3%
3-Yr Avg	2.0	1.3	3.0	-0.7	0.3	0.7	-0.7	-1.7	0.0	-0.3	1.3	-0.7	-0.7	2.7	0.6%
3-Yr Weighted	2.0	1.7	3.3	-0.8	0.5	1.0	0.0	-1.7	0.3	1.0	1.5	-0.3	-0.3	6.3	1.3%

Source: Hillsboro Public Schools (Updated 2021/22 Data Provided September 2021)

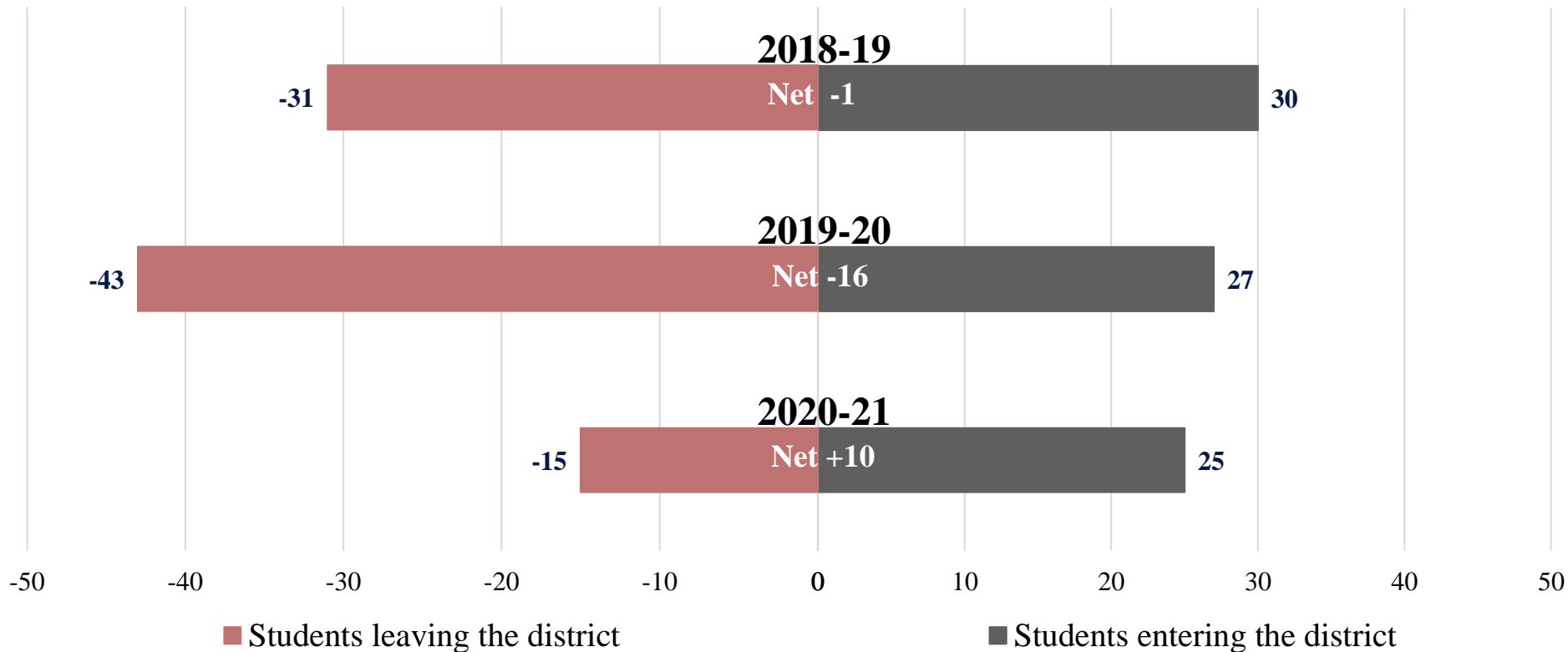
Observations

- There was a positive cohort change overall from 2019/20 – 2020/21
- The largest average class **increase** on 3-year average was **7th to 8th** of **1 student**
- The largest average class **decrease** on 3-year average was **11th to 12th** of **3 students**

Out – Migration

In – Migration

District Totals



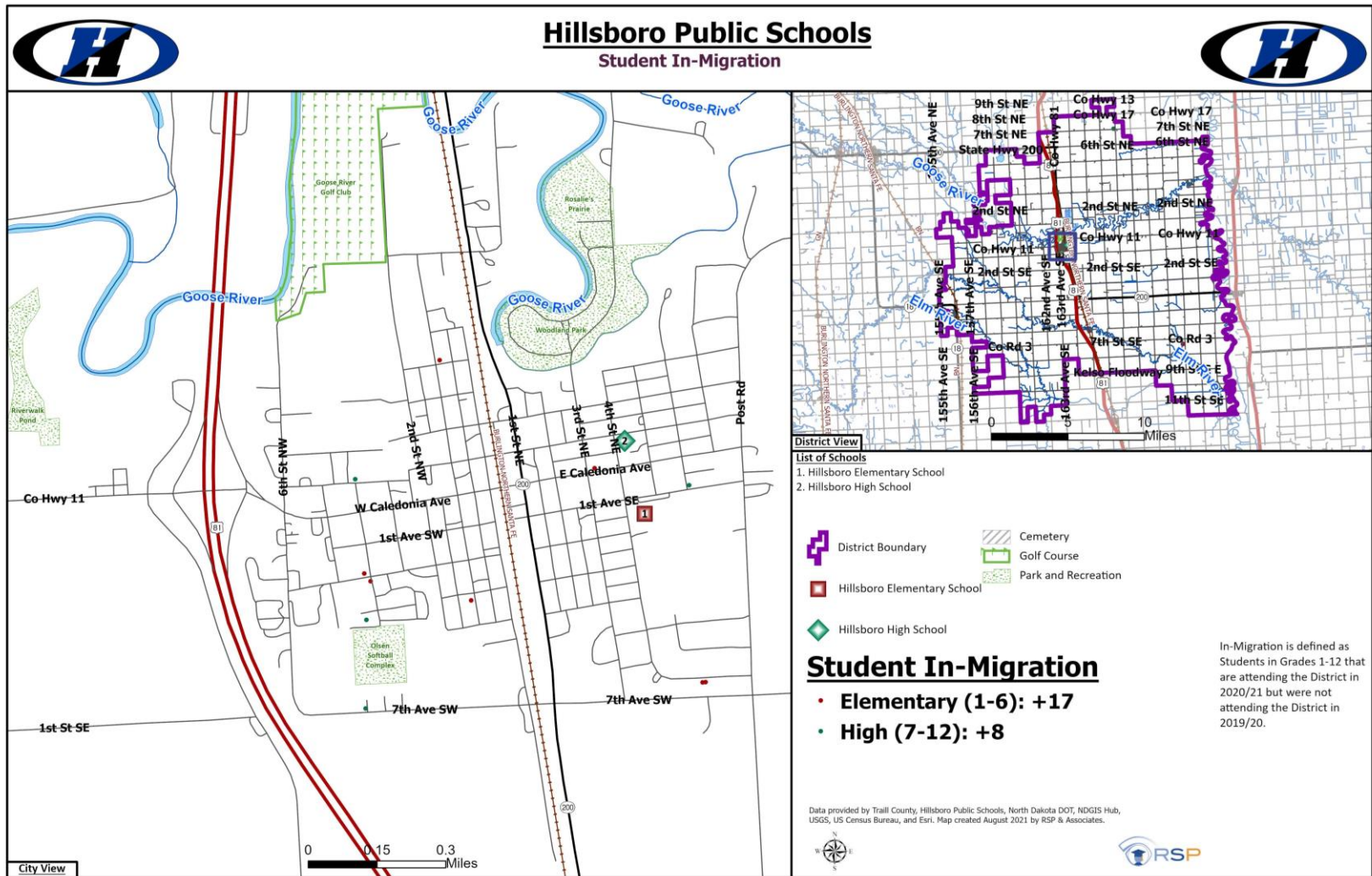
Definition: students attending the district in 2019/20 who were in Kindergarten – 11th grade that did not attend in 2020/21 as 1st – 12th graders

A negative net total indicates the propensity to have a future decreasing student enrollment

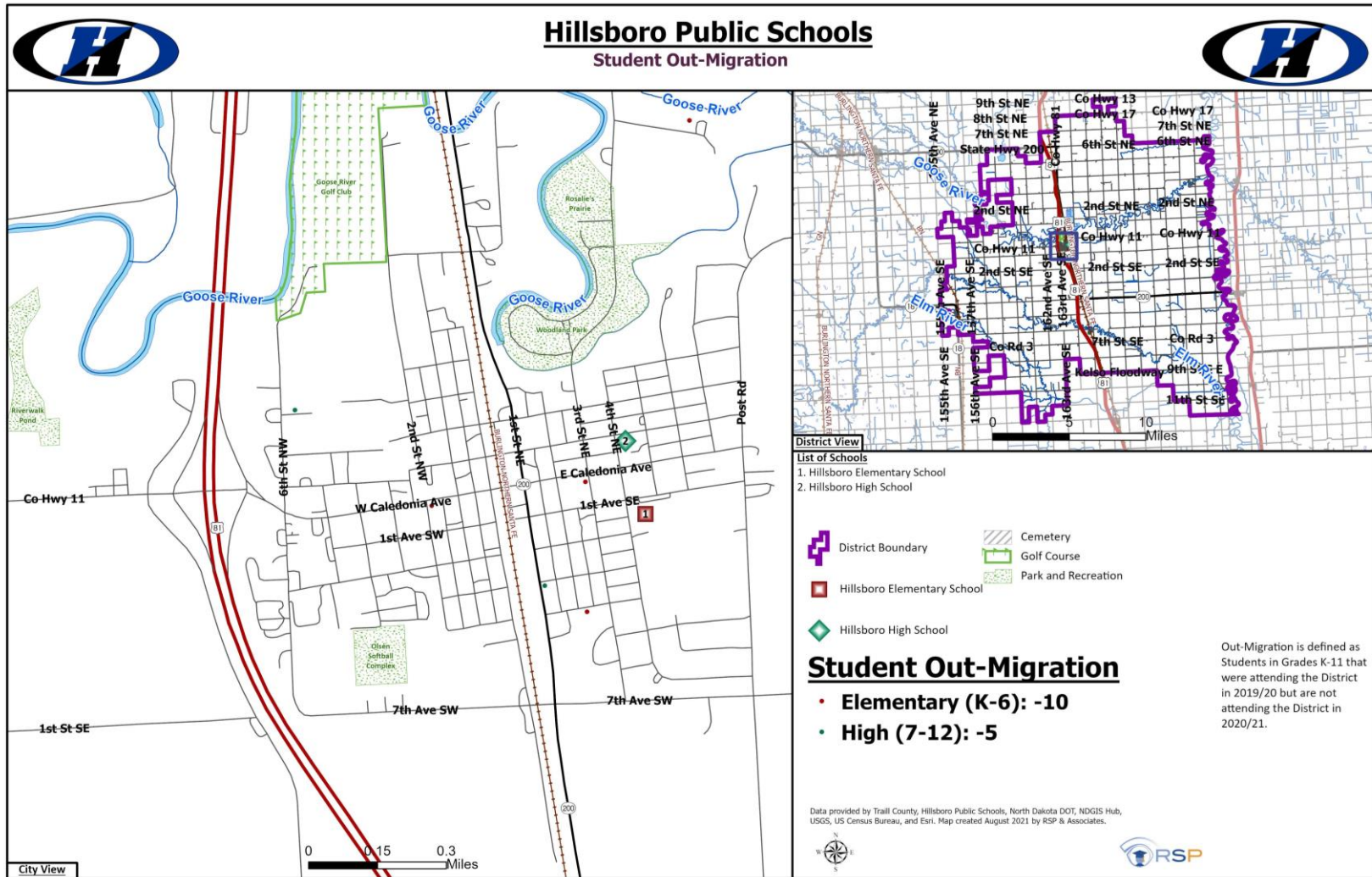
Definition: students in 2020/21 who are in 1st – 12th grade that were not attending the district in 2019/20 as Kindergarten – 11th grade

A positive net total indicates an increase in enrollment and the possible addition of educational services.

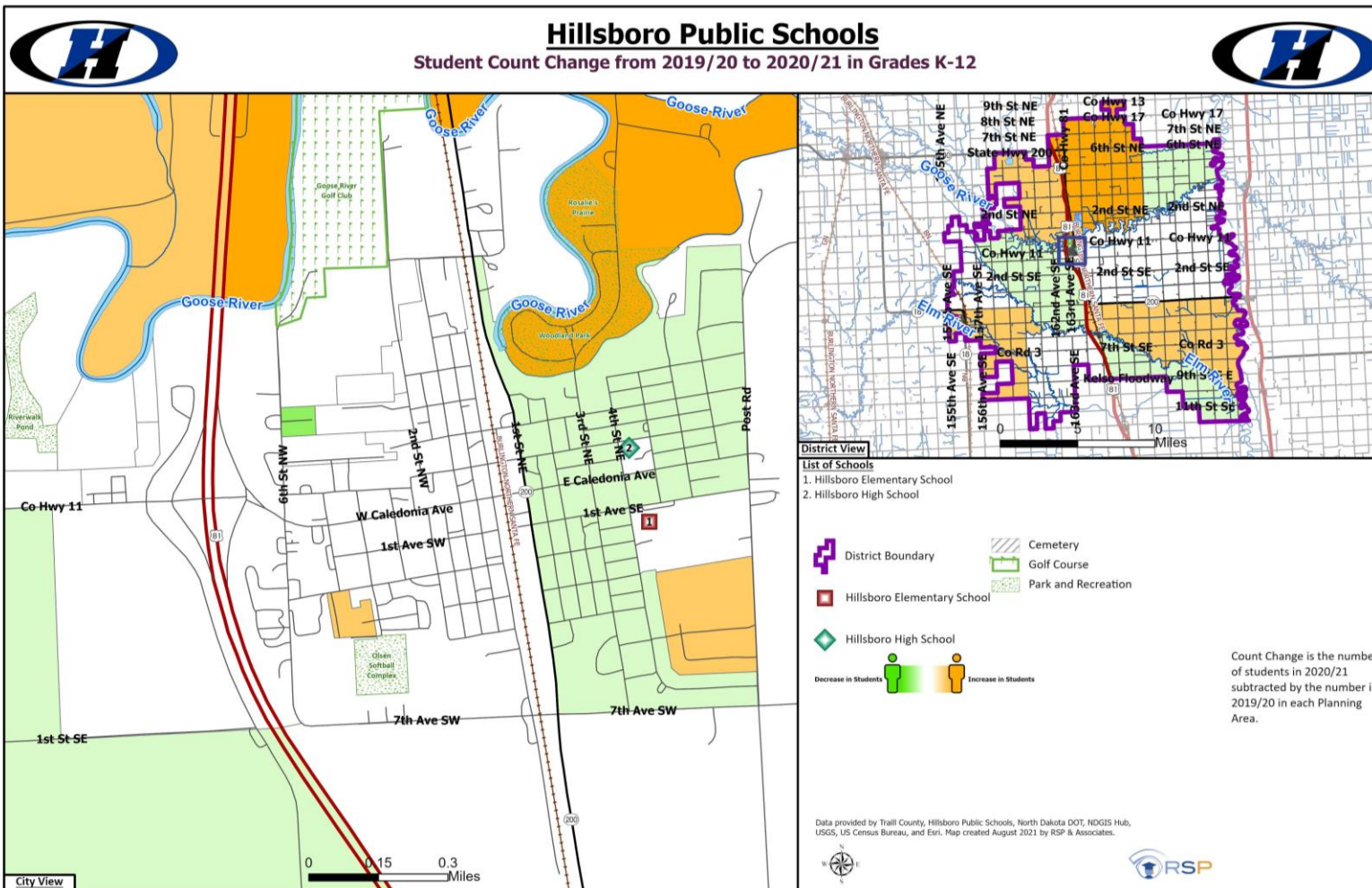
Student In-Migration



Student Out-Migration



Student Count Change

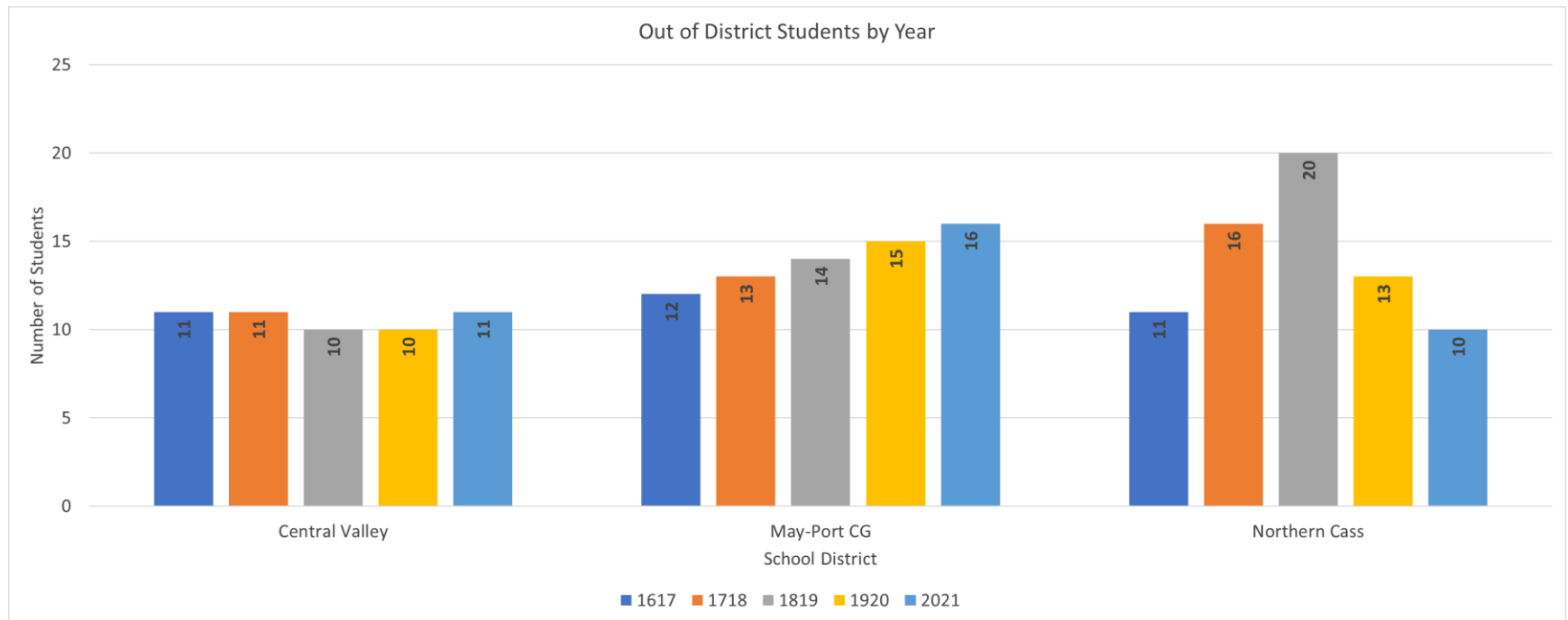


- Depicts student movement at each Planning Area from **2019/20 to 2020/21**
- **Orange** areas experienced an increase year to year, **Green** areas experienced a decrease, **White** areas had no net change of students between **year to year**

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.

Out of District Students (Totals)



Source: Hillsboro Public Schools, RSP & Associates LLC, and North Dakota Department of Public Instruction

Definition

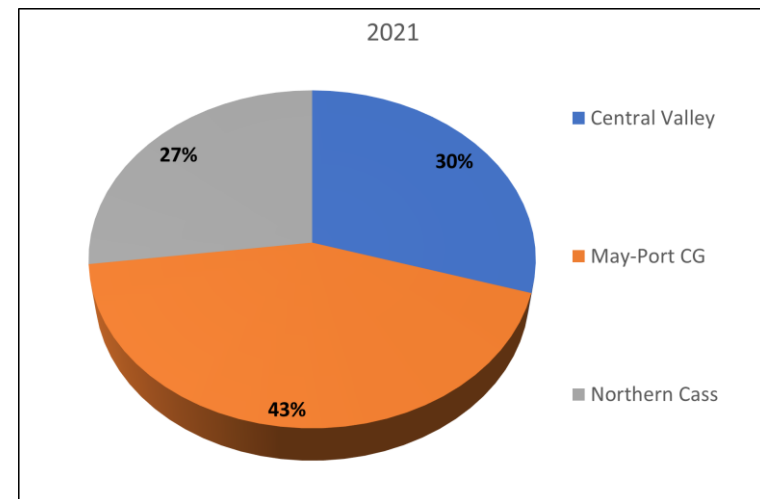
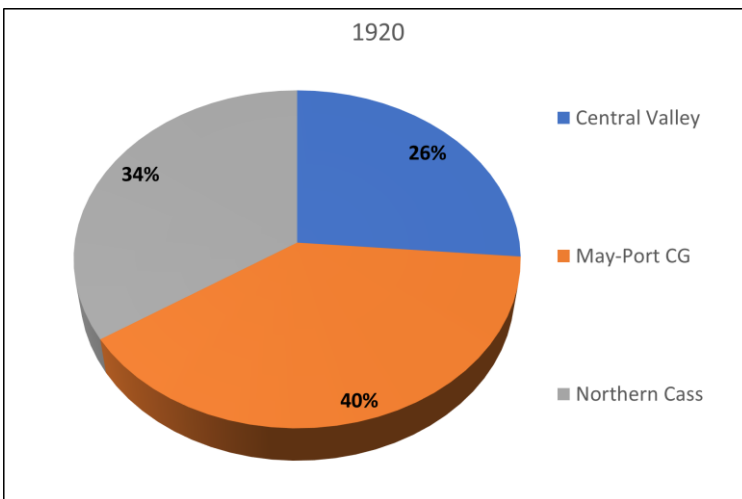
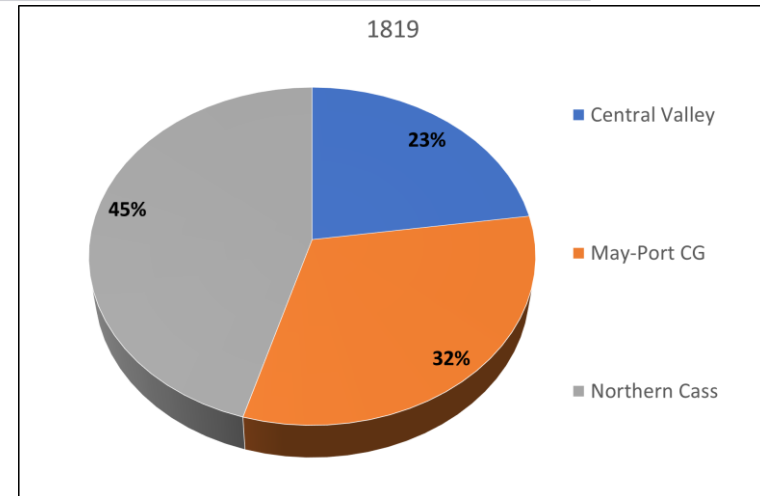
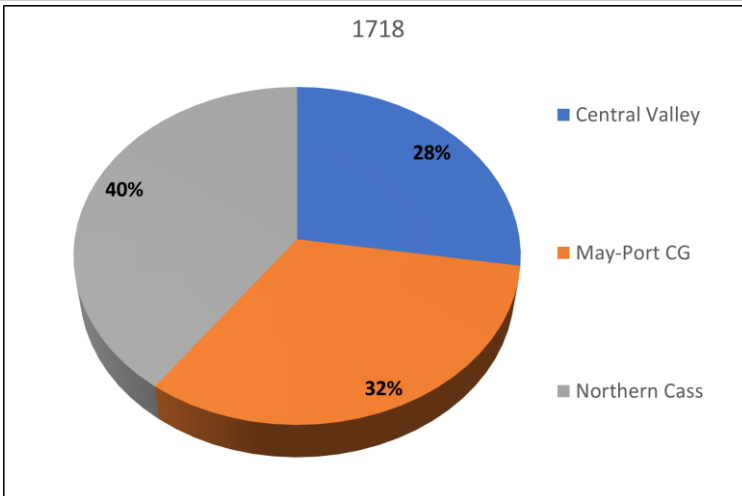
- This shows the number of students who attend the district but live outside of the district boundary
- This analysis used school districts that had at least 10 students for one of the years
- This analysis looks at K-12 grade students

Observation

- The number of students in these five years has ranged from 34 to 44.
- 2018-19 had the most out of district students

Out of District Students (%)

Source: Hillsboro Public Schools, RSP & Associates LLC, and North Dakota Department of Public Instruction



Source: Hillsboro Public Schools, RSP & Associates LLC, and North Dakota Department of Public Instruction

- This shows the percentage of out of district students by school district
- On average, most students have come from May-Port (36%) and Northern Cass (36%).

Enrollment Observation

The following are some general enrollment observations...

RSP & Associates monitors 30 planning areas for demographic, development, and enrollment data sets

Direct correlation between women in child-bearing ages (15-59) and where children (0-4) reside

- Last 3-year weighted average of percent kindergarteners to live births (34.6%) is a decrease from the previous 3 years (37.28%)

Enrollment tends to increase from grade to grade each year at each level

- Large increases happen from 8th to 9th grade
- Large decreases happen from KDG to 1st grade
- Out of District student have come from May-Port (36%) and Northern Cass (36%).

Enrollment tends to increase minimally from grade to grade

- Hillsboro saw a Small increase in 10 years; 10-year growth: 94 students
- Largest increase is from 2016/17-2017/2018 of 38 students
- Largest decrease was in 2019/20 (loss of 11 students)

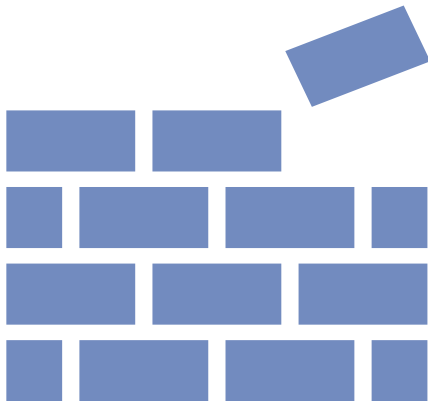
There was a positive cohort change overall from 2019/20 – 2020/21

- The largest average class increase on 3-year average was 7th to 8th of 1 student
- The largest average class decrease on 3-year average was 11th to 12th of 3 students



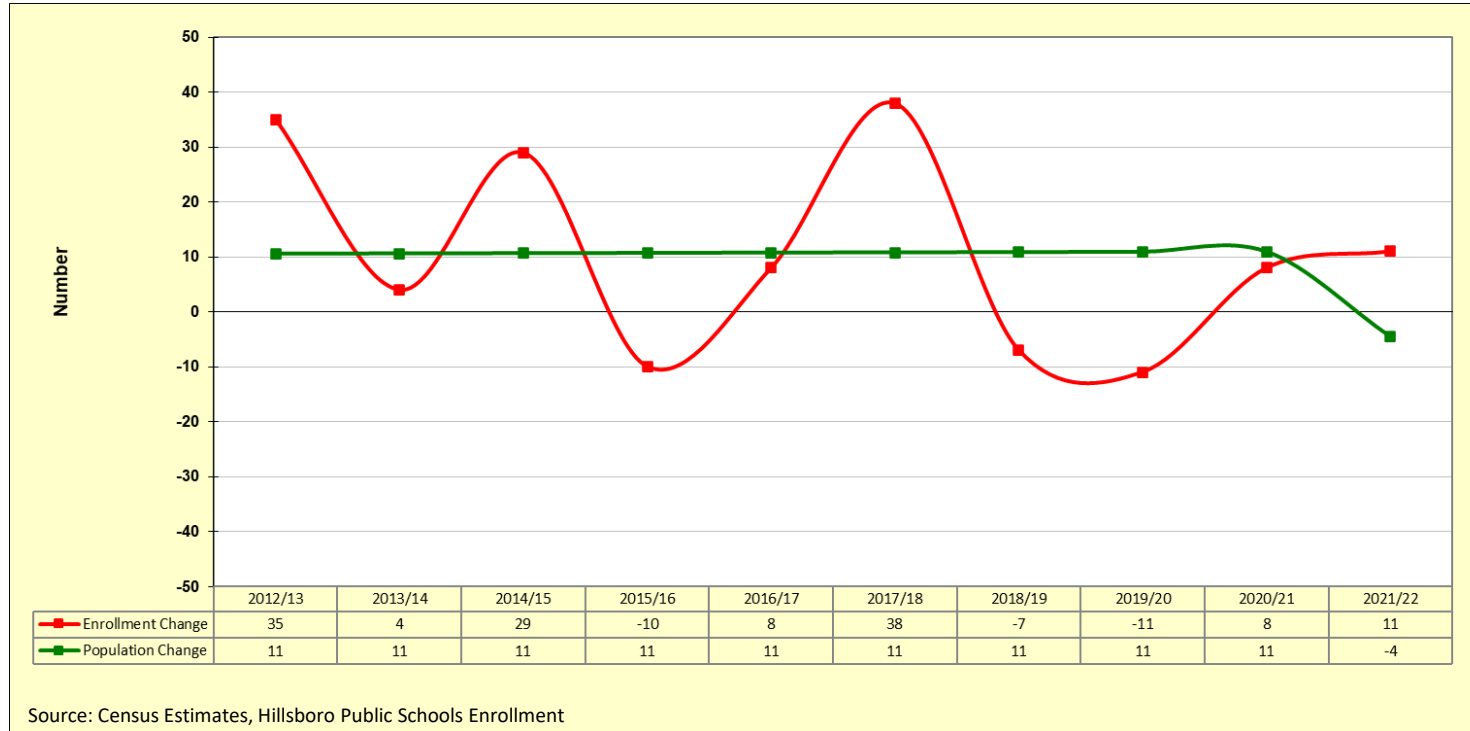
Part Two

Development



Population, Development, and Enrollment

Updated September 2021



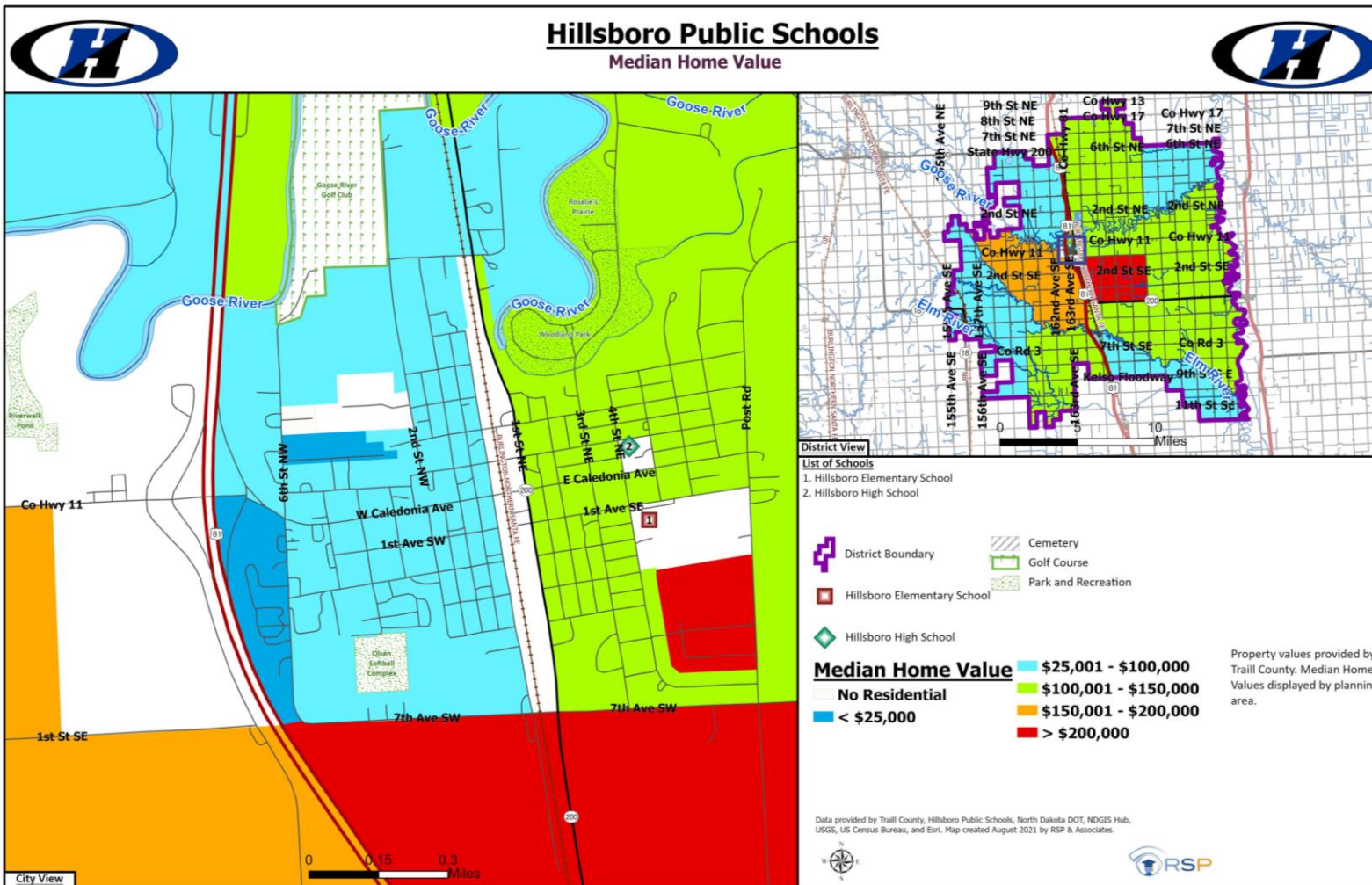
Observations

- Census data indicates an increasing population (annual increase to be 2.46%).
- Minimal building activity – new development will change that outlook
- Student enrollment has varied year to year (7 Years of growth)

Notes

- Households moving into the District could be influenced by emerging post-COVID trends
- With the increase in the housing inventory over the next five years there should be more new students in those areas
- Older areas of the community have the propensity having varying subdivision life cycles

Median Home Value

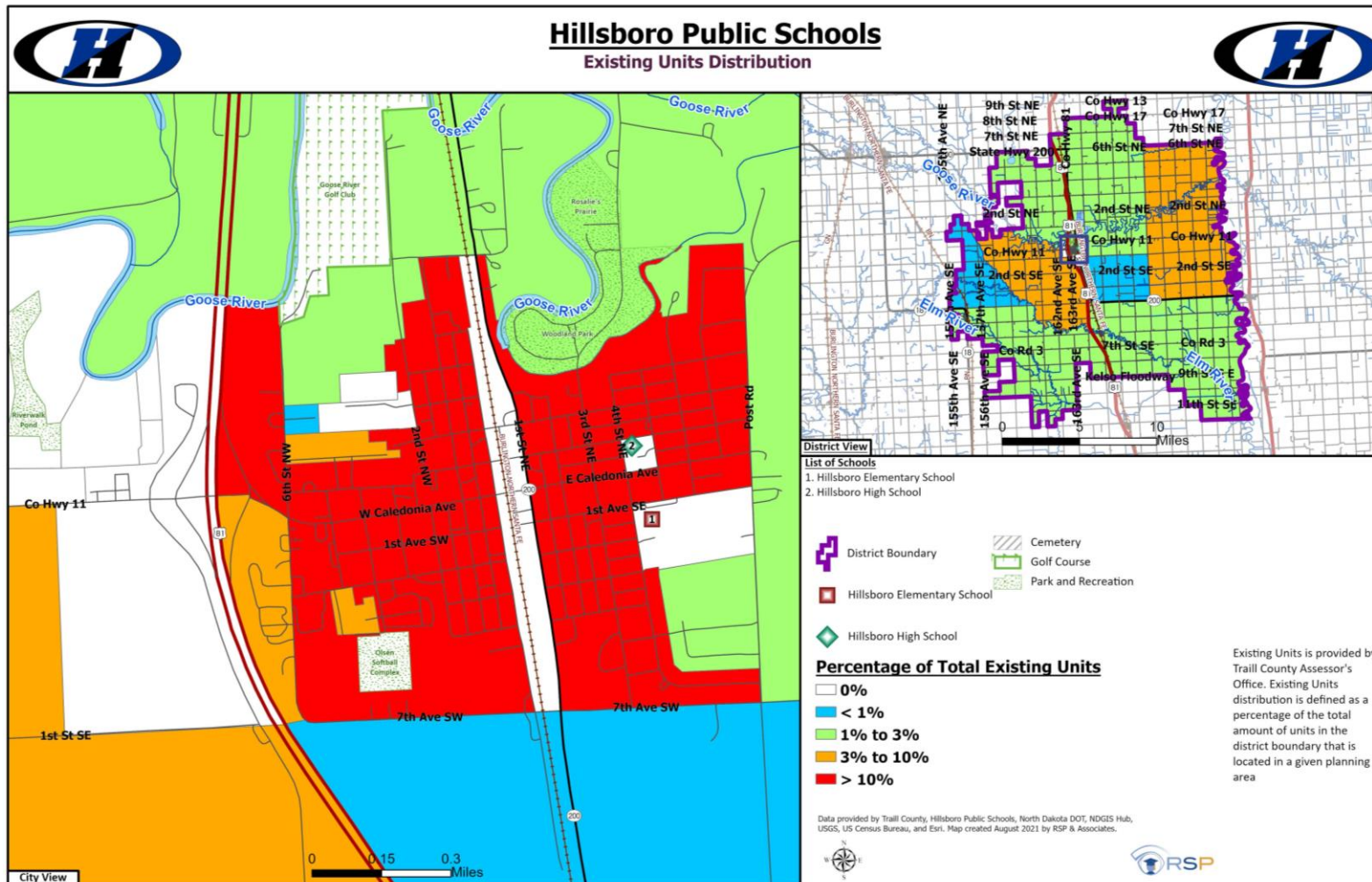


Based on assessed Home Value as provided and maintained by the county assessor's office

Home values correlated to socio-economic status – new areas tend to be the least affordable

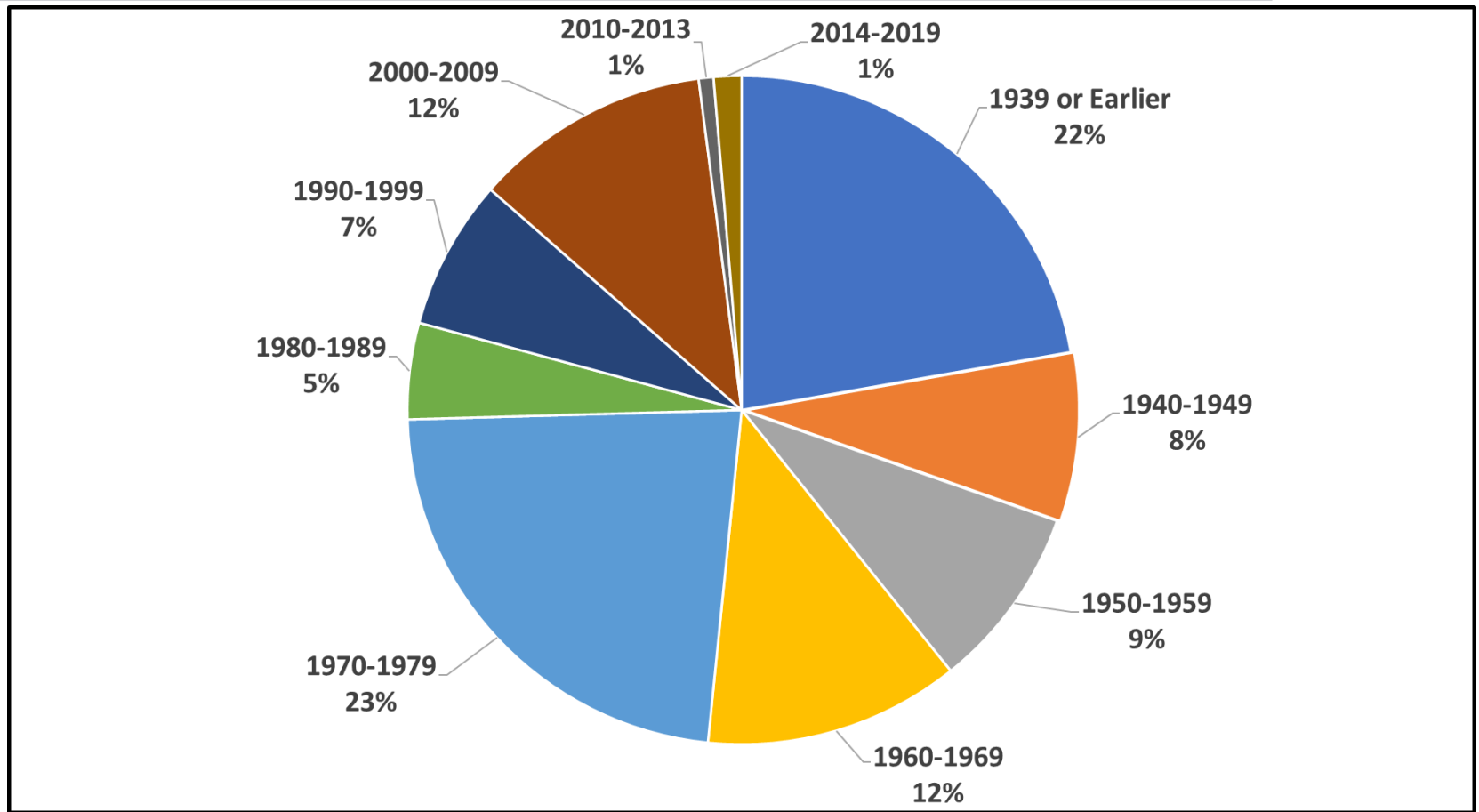
Areas shaded in **Orange** and **Red** have the greatest Median Home Value, **Blue** represents the greatest affordability

Existing Units



- This map shows by planning area the percentage of total existing units in relation to the overall number of units in the school district.
- The city limits represent more than 10% of the total amount of units in the district.
- Other areas with high number of total existing units are West of Hwy 81 and South of 2nd St NE.
- Areas with lowest number of total existing units is South of 7th Ave SW & East of Hwy 81

Year Built Distribution



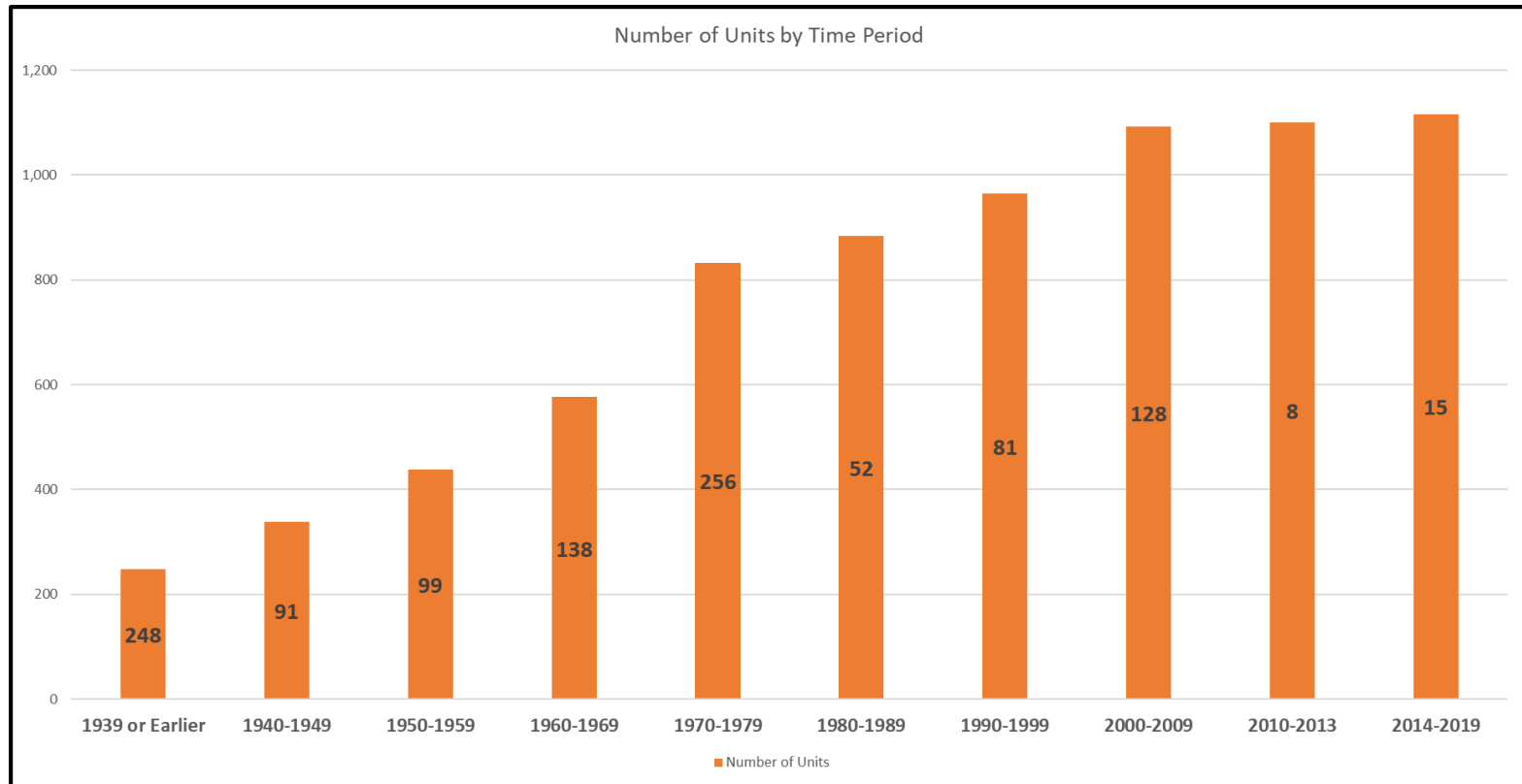
Definition

- Chart has been created to illustrate the Distribution of units by year built
- Year built based on ESRI BAO (2019 American Community Survey)

Observation

- Majority of the units were built before 1980 (74%)

Units by Year Built



Definition

- Table has been created to illustrate the number of units by year built
- Year built based on ESRI BAO (2019 American Community Survey)
- Bold numbers located in each column is the number of units that were built in this period.

Observation

- The average number of units built per year from 2010 to 2019 (2.3 per year) is much lower than from 2000 to 2009 (12.8 per year)
- The average year for all units built was 1969

Developments (Current and Future)

RSP Plan Area Name	Type	Growth Area	Existing Units	Potential Units	Acres
Riverwalk Phase 1 Townhomes	TH	Current	0	10	4.66
Riverwalk SF Phase 1	SF	Current	0	43	19.45
Jordahl Future Multi-Family	MF	5 Year	0	36	4.86
Riverwalk Low Density	SF	5 Year	0	73	64.69
Riverwalk Medium Density Residential	TH	5 Year	0	67	16.29
Current Total			0	53	
5 Year Total			0	176	
All Total			0	229	

Source: Traill County, ND and City of Hillsboro, ND

Definition

- Table has been created to illustrate the type and amount of potential development
- Type is the potential residential that will be built

Observations

- The growth area shows how the developable areas have a timing variable associated with which assists in forecasting future student enrollment
- There are **229** units that could be built
- The speed in which any developments are built are influenced by who owns the property, access to infrastructure, and economic indicators
- 5 Year are based on acreage and/or plats

Key

SF = Single-Family

MU = Mixed-Use

AG = Agriculture

VAC = Vacant Land

Rural = Rural

MF = Multi-Family

TH = Town Homes

MHP = Mobile Home Park

Development Observation

The following are some general development observations...

- Population and development have maintained throughout the years without any drastic growth or decline
- There are 229 potential units to be built that could increase population and enrollment
 - The majority of this develop is single-family homes
 - 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



Part Three

Enrollment Projections



Projection Notes

Past Enrollment and Projections are shown three ways:

1. Reside (Based on where a student Resides in relation to the district boundary)
2. Attend (Based on both a student residing in the district and attending and students not residing in the district attending)
3. Out of District (Students who do not reside in the district boundary but attend)

Other Items

- Enrollment Grade Configuration in Student Forecast Model (K-6, 7-12)
- Open enrollment trends are assumed to follow District policy and follow similar trends as the last few years
- Projection accuracy is limited by the number of years of student data which matches the State enrollment
- Out of District trends are assumed to follow District policy and will continue like those trends during the projection
- Integrated potential outcomes as a result of COVID-19 that relate to a slowdown in new housing starts and challenges with the economy as it adapts to the “New Normal”

Projection View

Hillsboro Public Schools Enrollment Projections By School (Based on Student Reside and Out Of District Attend)

School	Student Location	Past School Enrollment			Projections Based on Attend					
		2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
Hillsboro Elementary K to 6th	Out of District	20	18	20	18	18	17	16	18	
	Reside	241	231	238	232	230	235	231	250	
	Attend	261	249	258	250	248	252	247	268	
Hillsboro Secondary School 7th to 12th	Out of District	24	20	17	20	17	14	15	16	
	In District	204	209	211	213	216	207	212	209	
	Attend	228	229	228	233	233	221	227	225	
ELEMENTARY TOTAL K to 6th	Out of District	20	18	20	18	18	17	16	18	
	In District	241	231	238	232	230	235	231	250	
	Attend	261	249	258	250	248	252	247	268	
SECONDARY TOTAL 7th to 12th	Out of District	24	20	17	20	17	14	15	16	
	In District	204	209	211	213	216	207	212	209	
	Attend	228	229	228	233	233	221	227	225	
DISTRICT TOTALS K to 12th	Out of District	44	38	37	38	35	31	31	34	
	In District	445	440	449	445	446	442	443	459	
	Attend	489	478	486	483	481	473	474	493	
Elementary Change (K-6)			-12	9	-8	-2	4	-5	21	10
Secondary Change (7-12)			1	-1	5	0	-12	6	-2	-3
District Change (K-12)			-11	8	-3	-2	-8	1	19	10
Elementary % Change (K-6)			-4.6%	3.6%	-3.1%	-0.8%	1.6%	-2.0%	8.5%	3.9%
Secondary % Change (7-12)			0.4%	-0.4%	2.2%	0.0%	-5.2%	2.7%	-0.9%	-1.3%
District % Change (K-12)			-2.2%	1.7%	-0.6%	-0.4%	-1.7%	0.2%	4.0%	1.4%

Source: RSP & Associates, LLC - August 2021

Next Five Years (2021/22 through 2025/26)

- District stable (+1.4%) (-1.7% to +4.0% a year)
- Elementary increases by about 10 students (+3.9%) (-3.1% to +8.5% a year)
- Secondary decreases by about 5 students (-1.3%) (-5.2% to +2.7% a year)
- Growth is dependent upon out of district trends and proposed new development being built
- Economic factors must also remain positive for the I-29 corridor area ensuring residential activity in the district
- In 2020/21 COVID-19 appears to have limited statistical impact

By Grade Projections

Updated September 2021

Enrollment By Grade														K-12		
Year	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change	% Change
2011/12	29	33	24	27	37	36	30	31	27	41	27	27	23	392	392	
2012/13	42	33	35	25	29	39	37	33	30	30	38	28	28	427	35	8.9%
2013/14	35	38	34	35	24	33	40	35	31	31	27	41	27	431	4	0.9%
2014/15	44	35	41	35	37	26	36	38	36	34	33	26	39	460	29	6.7%
2015/16	31	44	34	41	35	42	23	38	40	34	33	32	23	450	-10	-2.2%
2016/17	32	33	43	34	40	34	40	28	36	41	33	35	29	458	8	1.8%
2017/18	44	35	30	46	41	40	36	45	28	37	43	34	37	496	38	8.3%
2018/19	32	39	33	30	46	41	40	38	49	31	39	44	27	489	-7	-1.4%
2019/20	31	33	42	32	29	44	38	38	37	44	31	37	42	478	-11	-2.2%
2020/21	39	31	34	43	34	33	44	37	38	38	47	31	37	486	8	1.7%
2021/22	38	42	36	32	43	34	34	42	38	41	39	47	31	497	11	2.3%
Proj 2021/22	36	39	31	34	43	34	33	44	37	37	39	45	31	483	-3	-2.8%
Proj 2022/23	34	36	39	31	34	42	32	33	44	36	38	37	45	481	-2	-0.4%
Proj 2023/24	36	35	37	39	31	34	40	34	33	43	37	37	37	473	-8	-1.7%
Proj 2024/25	37	37	36	37	39	31	30	43	34	33	44	36	37	474	1	0.2%
Proj 2025/26	49	38	38	36	37	40	30	34	43	35	34	43	36	493	19	4.0%

PAST
FUTURE

Source: Hillsboro Public Schools (Updated 2021/22 Data Provided September 2021)

Chart Take Away...

- The potential to have smaller than 40 students in a grade indicates the challenges for enrollment to exceed 500 students
- As the larger grades naturally cohort smaller or graduate, enrollment growth potential is more challenging if more grades are likely to be less than 40 students (By Grade matches the projection totals on previous page)
- New growth areas speed at which they are built could result in higher projections
- Proj 2021/22 is K-12 Projected Change comparing Past 2020/21 to Projected 2021/22



Part Four

Next Steps



Next Steps

Updated September 2021

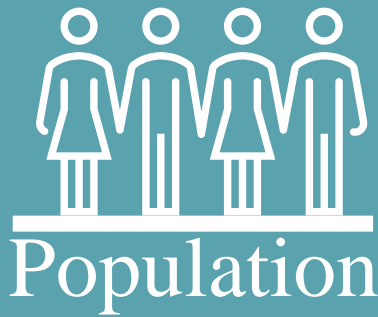
The following items will assist the District advance its educational goals...

- **Utilize** the enrollment projections to assist with planning for staff need for the following school year
 - District administration and the Board of Education further study the enrollment, demographic, and development information presented
- **Analyze** Spring kindergarten round-up and follow development plans and building permit data to understand future enrollment
- **Evaluate** the Out of District acceptance policies to ensure those number of students do not negatively impact educational programming in the building
- **Monitor** the new growth residential opportunities to ensure that potential positive enrollment is in line with the projections
- **Examine** utilization opportunities by Administration to improve the student education experiences
- Continue **to make decisions** and **communicate** that information to the community so they can understand how educational opportunities will support College and Career successful students

RSP Enrollment forecasting is based on the best-known information at the time of the study

- RSP has integrated into its analysis the instructional modality (In-Person, Hybrid, Virtual/Online) options a district may choose based on the analysis of all the school districts RSP has worked with in the 2020/21 school year
- The analysis is presented as neutral toward how the District determined the student learning experience and does not seek to influence decisions that would minimize creating and maintaining healthy environments for all who come to each school, but does provide information to plan for the potential impact of that decision in areas such as staffing or building need

Demographics | Hillsboro Public Schools



Percent Change of Annual Rate

2000-2010: -0.22%
2010-2021: 0.44%
2021-2026: -0.43%



Percent Change of Annual Rate of Housing Inventory

2000-2010: 0.43%
2010-2021: 0.64%
2021-2026: 0.23%



Percent Change of Income per Capita

2021: \$35,658
2026: \$38,837
2021-2026: 1.72%



Unemployment Rate

2020: 3.5%

Notes:

- Overall, the District is experiencing an **increase** in population and housing at a higher rate than the previous ten years
- Overall, the District will experience a **decrease** in population and a slight increase in housing
- In a growing community housing and population should have a correlation and, on the surface, indicate a general housing supply/demand
 - The type of residential unit is not known in these numbers or how affordable the units are so more analysis is required
- Income is projected to **increase** over 1.7 percent by 2025
- Unemployment is **lower** than the State of North Dakota (Estimate are from July 2021 from the US Census)

Demographic Consideration

	Hillsboro Public Schools	May-Port CG School District	City of Hillsboro	Traill County, ND	North Dakota
Unemployment Rate	3.5%	2.8%	5.2%	3.0%	4.1%
Average Household Size	2.31	2.17	2.27	2.25	2.29
Median Age	43.9	44.3	42.0	44.4	38.5
Total Population	2,516	3,666	1,687	8,145	783,161
Median Household Income	\$65,926	\$61,714	\$56,663	\$65,415	\$63,433
Total Housing Units	1,213	1,804	816	3,943	379,256
Owner Occupied Housing	756	1,026	463	2,433	207,913
Renter Occupied Housing	319	551	267	1,056	123,931
Vacancy Rate	11.4%	12.6%	10.5%	11.5%	12.5%

	Hillsboro Public Schools	May-Port CG School District	City of Hillsboro	Traill County, ND	North Dakota
White	89.5%	90.5%	86.6%	91.0%	84.2%
Black	0.1%	1.7%	0.1%	0.8%	3.0%
American Indian/Alaskan	1.8%	1.3%	2.3%	1.3%	5.2%
Asian	0.9%	0.5%	1.1%	0.6%	1.6%
Pacific Islander	0.0%	0.0%	0.0%	0.0%	0.1%
Other Race	0.0%	0.0%	0.1%	0.0%	0.1%
Two or More Races	1.4%	2.9%	1.8%	2.1%	2.1%
Hispanic	6.3%	3.1%	7.9%	4.1%	3.9%

Source: U.S. Census, ESRI BAO

Demographics Information

- Average Household size, Median Age, and Vacancy Rate is higher than City of Hillsboro
- Hillsboro Public Schools Average Household Size is higher when compared to the other geographies
- Hillsboro has very similar demographics when compared to the City of Hillsboro
- Hillsboro Median Household Income is 3.93% higher than the State of North Dakota
- Hillsboro Vacancy Rate is the second lowest when compared to the other geographies
- Estimates are from July 2021 from the US Census

Employment Information

Employment	Hillsboro Public Schools	May-Port CG School District	City of Hillsboro	Traill County, ND	North Dakota
2021 Agriculture/Mining (SIC01-14) Employees	4.5%	0.8%	2.5%	2.5%	3.9%
2021 Construction (SIC15-17) Employees	1.1%	5.4%	1.2%	4.2%	5.4%
2021 Manufacturing (SIC20-39) Employees	24.6%	1.1%	2.2%	12.8%	5.7%
2021 Transportation (SIC40-47) Employees	4.6%	9.0%	3.6%	7.1%	3.5%
2021 Communication (SIC48) Employees	0.0%	0.4%	0.0%	0.2%	1.1%
2021 Utility (SIC49) Employees	0.8%	0.0%	0.3%	0.3%	0.9%
2021 Wholesale Trade (SIC50-51) Employees	8.7%	6.9%	5.6%	7.8%	5.3%
2021 Home Improvement (SIC52) Employees	1.0%	1.4%	1.5%	1.4%	1.6%
2021 General Merchandise (SIC53) Employees	0.6%	0.5%	0.9%	0.4%	1.6%
2021 Food Stores (SIC54) Employees	1.7%	4.1%	2.7%	2.7%	1.9%
2021 Auto Dealer/Gas Station (SIC55) Employees	2.1%	2.0%	2.2%	2.4%	2.8%
2021 Apparel/Accessory (SIC56) Employees	0.2%	0.0%	0.3%	0.1%	0.6%
2021 Furniture/Home Furnishings (SIC57) Employees	0.0%	0.1%	0.0%	0.0%	1.3%
2021 Eating & Drinking (SIC58) Employees	2.6%	6.1%	3.7%	4.3%	6.1%
2021 Miscellaneous Retail (SIC59) Employees	0.8%	4.0%	1.3%	2.4%	2.6%
2021 Banks (SIC60-61) Employees	2.7%	4.1%	4.3%	3.3%	1.8%
2021 Securities Broker (SIC62) Employees	0.0%	0.9%	0.0%	0.5%	0.4%
2021 Insurance (SIC63-64) Employees	0.7%	1.9%	1.0%	1.2%	1.9%
2021 Real Estate/Holding (SIC65-67) Employees	0.8%	1.2%	1.0%	0.8%	2.0%
2021 Hotel/Lodging (SIC70) Employees	0.4%	0.7%	0.6%	0.5%	1.7%
2021 Auto Services (SIC75) Employees	0.6%	0.3%	0.9%	0.3%	1.3%
2021 Movie/Amusement (SIC78-79) Employees	0.8%	2.2%	1.3%	1.4%	2.4%
2021 Health Services (SIC80) Employees	14.2%	23.7%	22.4%	18.6%	12.6%
2021 Legal Services (SIC81) Employees	1.0%	0.7%	1.6%	0.7%	0.6%
2021 Education/Library (SIC82) Employees	8.1%	8.8%	12.8%	9.8%	8.4%
2021 Other Service (SIC72-89SEL) Employees	7.8%	10.8%	12.0%	8.7%	15.8%
2021 Government (SIC91-97) Employees	8.4%	1.9%	13.2%	4.5%	6.0%
2021 Unclassified Establishments (SIC99) Employees	1.1%	0.9%	0.6%	1.0%	0.6%

Source: U.S. Census and Esri BAO

Employment Information

- This table provides the type of employment a person has based on the geography of each column
- Highest percentage of employees are in Manufacturing (24.6%)
- When compared to all neighboring geographies, Hillsboro Public Schools has a greater percentage of employees working in Manufacturing (24.6%) and a lower percentage of employees working in Eating and Drinking (2.6%)
- Estimates are from July 2021 from the US Census

Notes

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