

MUNICH SCHOOL DISTRICT

#19

Long Term Demographic Plan

March 8, 2022 NDCC 15.1-07-26

Purpose of Presentation

15.1-07-26. School district demographics - Long-term planning process.

1. Between January first and June thirtieth of every even-numbered year, the board of each school district shall invite the public to participate in a planning process addressing the effects that demographics might have on the district in the ensuing three-year and five-year periods, and specifically addressing potential effects on:
 - a. Academic and extracurricular programs;
 - b. Instructional and administrative staffing;
 - c. Facility needs and utilization; and
 - d. District tax levies.
2. At the conclusion of the planning process, the board shall prepare a report, publish a notice in the official newspaper of the district indicating that the report is available, and make the report available upon request. This is the beginning, and could be the end of the planning process.

Where are we Now???



☐ Following Data is from the 2020-2022 School year.

District	k	1-6	7-8	9-12	Total	Teachers FTE	Other Licensed	Admin	Total Licensed	student/ Teacher	Cost/Pupil
Kensal 19	6	17	5	1	29	4.7	0.3	0.8	5.8	6.17	\$25,289.41
Edmore 2	1	14	3	13	31	7.9	0.4	1.7	10	3.92	\$36,326.47
Zeeland 4	2	14	4	14	34	8.7	0.5	0.8	10	3.91	\$29,683.85
St Thomas 43	3	17	5	9	34	7.8	0.8	1.3	9.9	4.36	\$28,809.93
Fordville-Lankin 5	2	20	4	14	40	9.3	0.5	1.2	11	4.30	\$29,126.04
Starkweather 44	8	30	11	13	62	9.5	0.4	1	11	6.53	\$19,723.71
Bowbells 14	8	30	11	16	65	12.5	0.3	1	13.7	5.20	\$20,192.30
Wing 28	2	32	9	28	71	12.2	1	1.8	15	5.82	\$19,480.27
Selfridge 8	6	32	8	27	73	13.2	0.4	2	15.6	5.53	\$25,650.05
Newburg-United 54	10	43	10	18	81	12.4	0.6	2	15	6.53	\$22,000.93
Munich 19	6	40	11	24	81	14	1.6	1.5	17.1	5.79	\$22,291.61
Finley-Sharon 19	9	41	10	23	83	16.3	0.7	2	19	5.09	\$26,915.55
McClusky 19	4	47	16	25	92	11.8	1.3	1.5	14.5	7.80	\$17,604.20
Gackle-Streeter 56	5	58	7	23	93	16.2	0.8	1.4	18.3	5.74	\$17,749.87
Montpelier 14	9	43	14	32	98	14.4	1.5	1.9	17.8	6.81	\$13,619.13
Burke Central 36	10	44	22	24	100	13.1	0.5	0.9	14.5	7.63	\$19,587.48
Fairmount 18	9	49	13	42	113	12.5	0.5	1.5	14.5	9.04	\$17,119.76
Leeds 6	9	54	18	36	117	15	1.2	0.8	17	7.80	\$15,983.59
Scranton 33	11	57	20	37	125	15.3	2	1.8	19	8.17	\$17,578.33
Litchville-Marion 46	15	67	19	25	126	14.5	0.5	2.1	17	8.69	\$19,766.14
Strasburg 15	9	44	20	53	126	14	2	1	17	9.00	\$13,534.12
Maddock 9	4	61	23	41	129	13.1	1.6	1.3	16	9.85	\$15,168.84
Kulm 7	10	52	24	43	129	15.7	1.3	2.7	19.6	8.22	\$18,452.48
Hazleton-Moffit-Braddock 6	13	53	28	37	131	14.8	0.4	1.9	17	8.85	\$14,253.72
Westhope 17	9	71	23	33	136	16.9	2.6	1.5	21	8.05	\$15,717.32
Glen Ullin 48	7	63	25	42	137	15.1	0.9	2	18	9.07	\$16,188.71
Pingree-Buchanan 10	13	68	22	34	137	14.1	1.3	2.2	17.5	9.72	\$13,224.52
Ashley 9	10	53	27	48	138	16.6	1.6	1.9	20	8.31	\$15,083.52
Rolette 29	9	58	30	50	147	16.8	1.6	1.6	20	8.75	\$14,693.63

Ideal Student-Teacher Ratio

- Although this information is not on the previous slide, schools such as Devils Lake and Rugby have a student-teacher ratio of approximately 13:1.
- What is ideal? That is a hard question to answer.

Academic Programs on Campus (High School)

Graduation Required Units	Discipline		Units Currently Offered
4	English		4
3	Math		4
3	Science		4
	*must have Physical Science and Biology		
	OR One unit of Biology, Chemistry, and Physics		
1	Physical Education		Can earn up to 4
	*either 1 unit of PE OR 1/2 unit of Health		
	and 1/2 unit of PE		
3 from any of the following	Foreign Language		0
	Native American Languages		0
	Fine Arts		Can earn up to 4
	CTE		8
In addition, other opportunities are supported through the Center for Distance Education			
5 additional Units			
22 total units required			

Extra- and Co-Curricular Activities

Instrumental Music	
Vocal Music	
TSA	
Student Council	
Football	Langdon
Volleyball	Langdon
Boys and Girls Basketball	Langdon
Boys and Girls Track and Field	Langdon
Boys and Girls Cross Country	Langdon
Boys Baseball	Langdon
Girls Softball	Langdon
Boys and Girls Golf	Langdon

Like Size Schools

(Mill Levy Data-2020-2021)

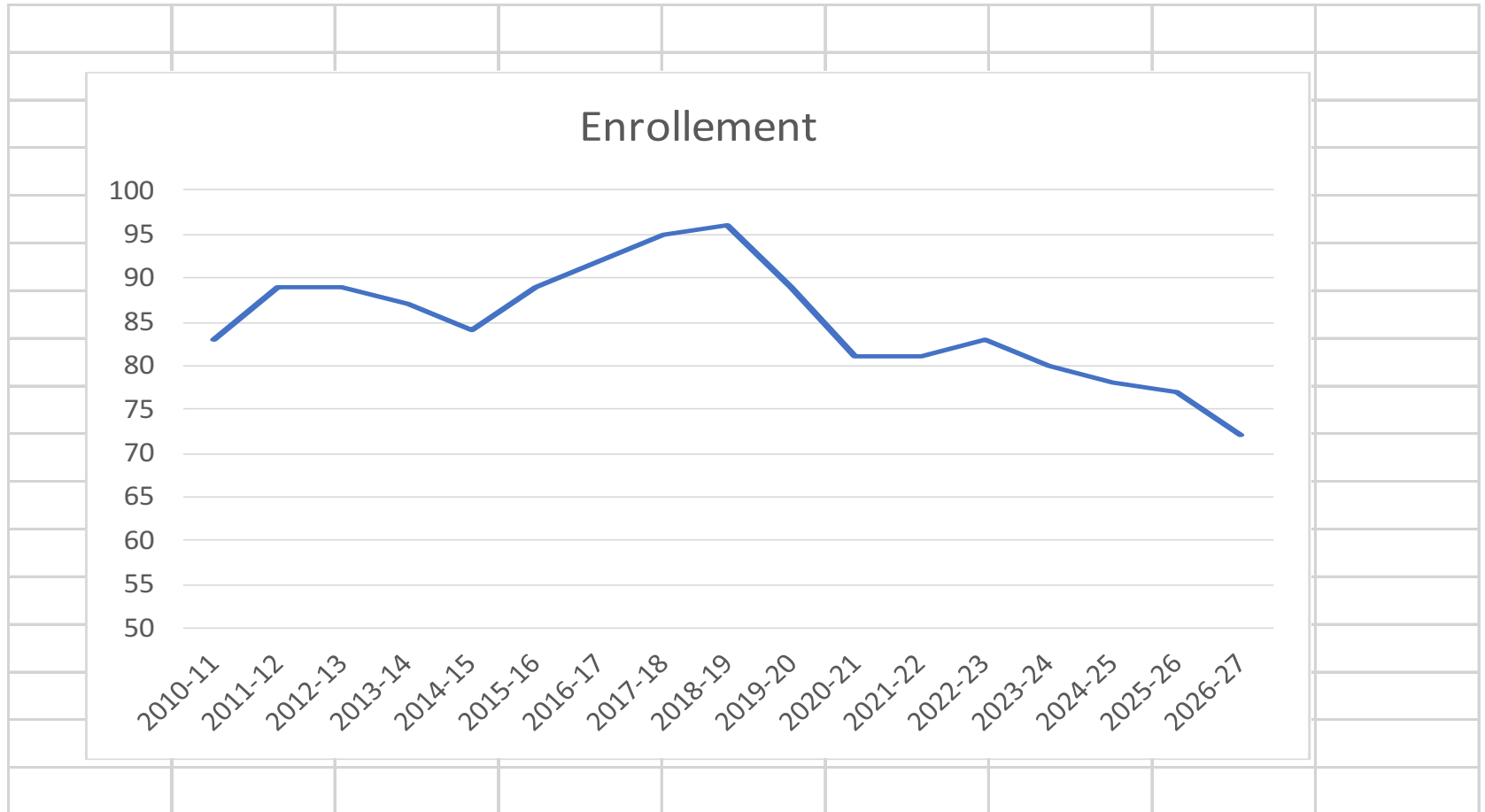
Dname	TAXVAL	GFLevy	Misc	SpReserve	Building	Sinking	TotalLevy	LOCREV	% of Tax Val
Kensal 19	5,648,981	53.89	12.00	-	10.00	-	75.89	\$302,396	5.35%
Edmore 2	9,647,697	90.00	-	-	-	-	90.00	\$922,711	9.56%
Zeeland 4	5,275,312	69.84	9.98	-	3.99	-	83.81	\$404,708	7.67%
St Thomas 43	6,283,352	80.37	8.04	-	-	-	88.41	\$607,642	9.67%
Fordville-Lankin 5	6,116,174	69.29	4.95	2.47	3.46	-	80.17	\$462,390	7.56%
Starkweather 44	6,362,076	67.49	7.94	2.99	2.99	-	81.41	\$496,618	7.81%
Bowbells 14	8,223,905	59.96	-	0.61	-	-	60.57	\$522,199	6.35%
Wing 28	5,324,490	60.18	3.78	-	10.03	-	73.99	\$453,933	8.53%
Selfridge 8	4,284,556	34.77	-	-	4.97	-	39.74	\$215,903	5.04%
Newburg-United 54	10,091,795	59.77	-	-	6.98	-	66.75	\$672,336	6.66%
Munich 19	13,211,430	62.47	3.00	3.00	5.00	-	73.47	\$844,196	6.39%
Munich 19 2021-2022	13,115,413	64.26	3.00	2.00	4.00	-	73.26	\$842,796	6.43%
Finley-Sharon 19	11,520,771	70.00	5.00	-	10.00	-	85.00	\$878,920	7.63%
McClusky 19	6,681,397	60.32	2.99	2.99	10.00	-	76.30	\$430,882	6.45%
Gackle-Streeter 56	11,880,223	66.86	7.98	2.99	-	-	77.83	\$925,703	7.79%
Montpelier 14	7,090,431	66.57	-	-	1.99	-	68.56	\$439,109	6.19%
Burke Central 36	11,395,846	63.62	2.33	3.01	10.27	-	79.23	\$795,667	6.98%
Fairmount 18	6,469,487	69.85	11.97	2.99	9.98	-	96.59	\$565,066	8.73%
Leeds 6	12,392,551	68.00	9.24	2.91	4.86	8.88	93.89	\$977,857	7.89%
Scranton 33	9,218,350	63.59	11.82	2.94	9.85	-	88.20	\$742,563	8.06%
Litchville-Marion 46	17,476,123	65.08	6.58	-	-	-	71.66	\$1,359,769	7.78%
Strasburg 15	9,220,748	62.00	-	-	5.00	29.50	96.50	\$714,042	7.74%
Maddock 9	10,665,660	79.92	11.88	1.00	9.99	-	102.79	\$885,966	8.31%
Kulm 7	11,658,027	63.33	4.52	-	8.66	31.74	108.25	\$897,457	7.70%
Hazelton-Moffitt-Braddock	11,405,395	61.37	-	-	3.57	-	64.94	\$729,248	6.39%
Westhope 17	8,648,427	63.45	3.02	-	10.73	37.84	115.04	\$734,572	8.49%
Glen Ullin 48	12,427,200	63.84	10.89	-	-	-	74.73	\$1,317,926	10.61%
Pingree-Buchanan 10	9,418,291	70.00	-	3.00	5.84	-	89.46	\$745,821	7.92%
Ashley 9	9,588,755	63.62	-	-	1.56	-	65.18	\$664,414	6.93%
Rolette 29	6,835,537	67.88	12.00	3.00	20.00	-	102.88	\$579,159	8.47%

Projected Enrollments by Grade

Starting with the Current Year

Grade	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2021-22	4	6	8	6	6	10	12	2	8	4	5	6	4	81
2022-23	6	4	6	8	6	6	10	12	2	8	4	5	6	83
2023-24	3	6	4	6	8	6	6	10	12	2	8	4	5	80
2024-25	4	3	6	4	6	8	6	6	10	12	2	8	4	79
2025-26	2	4	3	6	4	6	8	6	6	10	12	2	8	77
2026-27	2	2	4	3	6	4	6	8	6	6	10	12	2	71

Enrollment 2010-2027



Enrollment and Staffing Projections

	Current	Projected by 2026
K-6 Enrollment	52	27
7-12 Enrollment	28	44
k-6 Staffing	6	?
7-12 Staffing	6	?
Dual Staffing	2-PE and Music	?

Possible Changes in Staffing

- From the Previous Slide, in five years, our High School Population will be larger than it is now. There is no anticipation of reduction of High Staff.
- Also from the Previous Slide, elementary enrollment will be 46% less than current. Of course, this is based on projections for students who are not yet enrolled in school.
- There maybe a need to reduce elementary staff and have more combined grades.

Demographic Changes Affect Academic Programs

In the elementary, the challenge moving forward is to utilize our elementary resources to provide both the proper academic and social atmosphere for the classes if and when they come down to students of 2 or 3 in a class.

Demographic Changes Affect Academic Programs

An area of concern is to maintain “hands-on” opportunities. Whether this be Vocational Education. Agricultural education, or Technical Education. If we lose our lone instructor in those areas, that will then be a challenge.

We are currently supporting a distance welding program, which is always an option.

However, it is the philosophy of Munich Public School that in-person instruction is best.



Extracurricular

For the foreseeable future there will be no change in our extra-curricular offerings.

Demographic Changes Affect on Facility Needs and Utilization (23)

Due to decreased enrollment, classroom space has been changed to utilize our space as effectively as possible.

- In the elementary, a former classroom has been designated as a Science Lab.

- Former Office Space has been re-designated as a sensory room.

District Taxes

Current and projected District Taxes in terms of
Demographic Changes

Demographic Changes Affect on District Tax Levies

-As student enrollment falls, there is a loss of state foundation aid payments. However, every two years, the Legislature does change its funding formula.

Currently, Munich Public Schools is not Levying approximately \$233,000 in local property taxes which could be levied without a special election.

Staffing Conclusion

- ☐ As this presentation has shown, Munich Public School District for the next five years is losing enrollment.
- ☐ It goes without saying that Projecting enrollment is difficult. However, based on past enrollments of Munich, past staffing, and cost per pupil, at the current time, there does not appear to be a justification for any major staff reductions for the next 3 years. If projections hold true, there maybe a need to reduce staff in five years.
- ☐ That being said, if an opportunity arises through staff voluntary leaving, it may be advantageous to investigate not replacing staff that leave.

How long?

- Finally, sometimes the question arises as to the projected longevity of Munich Public School.
- To refer back to the first slides there are five schools in the state which continue to operate with less than half of Munich's Current Enrollment.
- It is difficult to determine what will happen in the future, but the conclusion is that for the foreseeable future, Munich will continue.

THE END!!!

☐ Input???