

ROBBINSDALE AREA SCHOOLS ISD#281

ENROLLMENT PROJECTIONS

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COVID-19 AFFECTS

- Affects of Pandemic
 - Robbinsdale Area Schools
 - Kindergarten capture rate fell and has not returned to pre-Pandemic levels
 - Students shifted to other education options
 - Home school numbers increased
 - Open enrollment out and charter school enrollment increased but may not be Pandemic related

CHANGE IN OTHER EDUCATION OPTIONS

Year	Nonpublic	Home School	Open Out	Charters
2014-15	1,379	273	1,620	961
2019-20	1,279	291	1,932	1,530
2020-21	1,223	371	2,043	1,520
2024-25	716	305	2,219	1,827

PROJECTION ENVIRONMENT

- Low fertility
 - Fertility below replacement (2.11 children per woman at the end of childbearing). Minnesota at 1.75 in 2022 and falling
 - Number of births decreasing in U.S. and Minnesota
 - Fertility varies by race/ethnicity; urban/rural
- Population aging
 - Housing mix different; more apartments, condos, and townhomes. Unit types with few school age children per unit
 - Smaller percentage of households have children

PROJECTION ENVIRONMENT

- Less mobility
 - U.S. fewer than 10 percent (8.4 percent) moved last year
 - Was 20 per cent per year since WWII
 - Mobility creates demand for housing
- Immigration from abroad slowed
 - Minnesota was very dependent on immigration for population growth in the past 25 years
- Minnesota population back to pattern of net out migration
 - Losing young adults—affects number of births
- Slow population growth
- Competition for students increasing in Minnesota

KEY FINDINGS

- **From 2014-15 to 2024-25**
 - **Robbinsdale Area Schools K-12 enrollment decreased by 1,916 students or -15.7 percent**
 - **“Perfect Enrollment Storm”**
 - **The district’s resident school age population decreased by 1,529 or -10.1 percent**
 - **Increased competition for students**
 - **Robbinsdale Area Schools had a net loss of 2,307 students to other public options in 2024-25**
 - **Robbinsdale Area Schools’ market share declined from 70.0 percent to 62.5 percent**
 - **Resident K-12 enrollment decreased by 2,092 students or -19.7 percent**
 - **Nonresidents make up 17.0 percent of total enrollment in 2024-25**

KEY FINDINGS

- **Hennepin and Suburban Hennepin County births decreased from 2008 to 2024**
- **Robbinsdale Area Schools experienced natural decrease every year in the past 10 years, which depresses enrollment growth**
- **Robbinsdale Area Schools experienced net *in* migration 6 out of the past 10 years. Net in migration in past 3 years**

EDUCATION CHOICES

2023-24

	Minnesota	Robbinsdale Area Schools
Nonpublic settings	10.5%	10.1%
Traditional schools	7.5%	7.9%
Home schools	3.0%	2.2%
Public Options		
Open enrollment	9.3%	
In		16.6%
Out		14.3%
Charter schools	7.2%	13.2%
Capture Rate	72.6%	62.5%

K-12 ENROLLMENT

Year	Total	Resident	Nonresident
2014-15	12,169	10,601	1,568
2015-16	12,499	10,611	1,888
2016-17	12,326	10,328	1,998
2017-18	12,014	10,068	1,946
2018-19	11,968	9,965	2,003
2019-20	11,814	9,910	1,904
2020-21	11,257	9,355	1,902
2021-22	10,855	9,069	1,786
2022-23	10,453	8,793	1,660
2023-24	10,213	8,508	1,705
2024-25	10,253	8,509	1,744

COMPONENTS OF K-12 ENROLLMENT CHANGE

Fall to Fall	Total		Natural Increase/Decrease	Net Migration
	#	%		
2014 to 2015	330	2.7%	-199	529
2015 to 2016	-173	-1.4%	-240	67
2016 to 2017	-312	-2.5%	-179	-133
2017 to 2018	-46	-0.4%	-141	95
2018 to 2019	-154	-1.3%	-139	-15
2019 to 2020	-557	-4.7%	-333	-224
2020 to 2021	-402	-3.6%	-299	-103
2021 to 2022	-402	-3.7%	-424	22
2022 to 2023	-240	-2.3%	-366	126
2023 to 2024	40	0.4%	-224	264
Total	-1,916	---	-2,544	628

K-12 ENROLLMENT

Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
K	928	918	865	845	863	895	731	793	705	709	736
1	917	928	893	847	830	854	834	733	780	713	711
2	954	942	907	875	862	806	790	806	711	762	743
3	904	945	944	876	870	823	757	745	791	703	774
4	870	969	1,032	958	888	841	796	720	741	776	708
5	932	862	945	994	949	870	798	728	700	717	747
6	839	1,108	965	884	957	925	798	729	676	706	713
7	901	967	1,002	916	881	955	889	779	748	708	725
8	916	969	945	985	915	858	891	859	756	739	700
9	946	962	958	972	1,019	989	912	973	943	832	831
10	974	936	935	957	951	1,011	989	901	953	953	837
11	971	888	911	901	949	923	980	966	874	935	946
12	1,117	1,105	1,024	1,004	1,034	1,064	1,092	1,123	1,075	960	1,082
Total	12,169	12,499	12,326	12,014	11,968	11,814	11,257	10,855	10,453	10,213	10,253

COHORT SURVIVAL METHOD PROJECTIONS

- Cohort Survival Method
 - Both simple and complex
 - Ages each grade by moving it to the next higher grade in the following year
 - Requires making
 - Kindergarten projections
 - Resident births are a proxy
 - Assumptions about net migration or the survival rates from grade to grade

DISTRICT PROJECTIONS

- Assumptions underlying these projections
 - The decline in resident births in Minnesota, Hennepin County and Suburban Hennepin County will have an effect
 - Suburban Hennepin County's share of Minnesota resident births is not likely to increase significantly
 - Robbinsdale Area Schools' share of Suburban Hennepin County resident births not likely to increase
 - Competition remains at its current percentages

DECLINE IN RESIDENT LIVE BIRTHS

- 2008-2024
 - -14.3% Minnesota
 - -10.0% Suburban Hennepin County
- WHY?
 - Decline in fertility rates
 - Aging of the population

RESIDENT LIVE BIRTHS

Year	Minnesota	Hennepin County	Suburban Hennepin County
2008	72,382	16,566	10,212
2009	70,617	16,344	10,017
2010	68,407	15,955	9,854
2011	68,416	15,943	9,894
2012	68,783	16,345	10,294
2013	69,183	16,584	10,468
2014	69,916	16,770	10,536
2015	69,835	16,829	10,626
2016	69,746	16,485	10,400
2017	68,603	16,333	10,451
2018	67,348	15,844	10,152
2019	66,033	15,430	9,908
2020	63,451	14,835	9,541
2021	64,444	14,722	9,773
2022	64,032	14,474	9,663
2023	61,727	13,841	9,048
2024*	62,036	14,178	9,186

PROJECTED MINNESOTA 0-YEAR OLDS

Year	Projected Number	Adjusted Number
2021	70,274	
2021 Actual	64,444	
2022	64,897	
2022 Actual	64,032	
2023	65,396	
2023 Actual	61,727	
2024	65,895	
2024 Actual*	62,036	
2025	66,195	
2026	66,352	
2027	66,509	
2028	66,666	
2029	66,823	
2030	66,890	

KINDERGARTEN PROJECTIONS

- Projected births (0-year-olds) statewide are very flat
- Hennepin County and Suburban Hennepin County also likely to be flat

KINDERGARTEN AS A PERCENTAGE OF THE SUBURBAN COUNTY KINDERGARTEN POOL

Birth Years	Pool	Percentage	Kindergarten Year
2008; 2009	10,081	9.21%	2014-15
2009; 2010	9,908	9.27%	2015-16
2010; 2011	9,881	8.75%	2016-17
2011; 2012	10,162	8.32%	2017-18
2012; 2013	10,411	8.29%	2018-19
2013; 2014	10,513	8.51%	2019-20
2014; 2015	10,596	6.90%	2020-21
2015; 2016	10,475	7.57%	2021-22
2016; 2017	10,434	6.76%	2022-23
2017; 2018	10,251	6.92%	2023-24
2018; 2019	9,988	7.37%	2024-25
2019; 2020	9,662		2025-26
2020; 2021	9,697		2026-27
2021; 2022	9,699		2027-28
2022; 2023	9,251		2028-29
2023; 2024	9,141		2029-30

KINDERGARTEN PROJECTIONS

- Kindergarten assumptions
 - Kindergarten/birth ratios
 - Low is 7.16% (average of the past four years)
 - High is 7.34% (average of the past six years)
 - Longer-term—2029-30 through 2034-35
 - In past 16 years, Suburban Hennepin County resident births fluctuated but increased from 14.11% of Minnesota resident births to 14.81% of Minnesota resident births
 - Hennepin County births based on 2024 population projections by the Minnesota State Demographic Center for Hennepin County

SUBURBAN HENNEPIN COUNTY KINDERGARTEN POOL

Year	Pool
2024-25	9,988
2025-26	9,662
2026-27	9,697
2027-28	9,699
2028-29	9,251
2029-30	9,141
2030-31	9,116
2031-32	9,068
2032-33	9,045
2033-34	9,018
2034-35	8,985

Bold based on actual births

KINDERGARTEN PROJECTIONS

- In the next ten years, the projected number of kindergarten students is lower than in the past ten years

KINDERGARTEN PROJECTIONS

Year	@7.16%	@7.34%
2024-25	736	736
2025-26	692	709
2026-27	694	712
2027-28	694	712
2028-29	662	679
2029-30	654	671
2030-31	653	669
2031-32	649	666
2032-33	648	664
2033-34	646	662
2034-35	643	659
Total	6,635	6,803
Past ten years 8,060 Kindergarten students		

NET MIGRATION

- Net migration has mostly been positive, especially in the past three years
- There is a consistent net inflow of students at Grade 9 and in the past three years in Grade 7
- Loss of students after Grade 10 is typical in Minnesota
- Inflow at Grade 12 reflects ALC

NET MIGRATION YEAR TO YEAR

Grade	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
K-5	73	19	-91	-2	-119	-244	-176	-71	-57	20
6-8	372	-25	-127	-41	-49	-172	-118	-55	29	7
9-12	84	73	85	138	153	192	191	148	154	237
Total	529	67	-133	95	-15	-224	-103	22	126	264

NET MIGRATION

YEAR TO YEAR

Grade	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24
K to 1	0	-25	-18	-15	-9	-61	2	-13	8	2
1 to 2	25	-21	-18	15	-24	-64	-28	-21	-18	30
2 to 3	-9	2	-31	-5	-39	-49	-45	-14	-8	12
3 to 4	65	87	14	12	-29	-27	-37	-3	-15	5
4 to 5	-8	-24	-38	-9	-18	-43	-68	-20	-24	-29
5 to 6	176	103	-61	-37	-24	-72	-69	-52	6	-4
6 to 7	128	-106	-49	-3	-2	-36	-19	20	32	19
7 to 8	68	-22	-17	-1	-23	-64	-30	-23	-9	-8
8 to 9	46	-11	27	34	74	54	82	84	76	92
9 to 10	-10	-27	-1	-21	-8	0	-11	-19	10	5
10 to 11	-86	-25	-34	-8	-28	-31	-23	-27	-18	-7
11 to 12	134	136	93	133	115	169	143	110	86	147
Total	529	67	-133	95	-15	-224	-103	22	126	264

PROJECTED SURVIVAL RATES

Grade	Low Past Three Years	High Past Two Years
K to 1	0.999	1.007
1 to 2	0.997	1.010
2 to 3	0.996	1.003
3 to 4	0.995	0.994
4 to 5	0.968	0.966
5 to 6	0.977	1.002
6 to 7	1.034	1.037
7 to 8	0.982	0.989
8 to 9	1.108	1.113
9 to 10	0.999	1.009
10 to 11	0.981	0.987
11 to 12	1.123	1.128

EFFECT OF SURVIVAL RATES IN TEN YEARS WITH LOW K ASSUMPTION

Survival Rates	Total	K-5	6-8	9-12
Past 3 Years	8,886	6,847	1,946	3,094
Past 2 Years	9,287	3,917	2,055	3,314

EFFECT OF SURVIVAL RATES IN TEN YEARS

- Difference in survival rates
 - 401 students in total enrollment
 - 70 students K-5 or about 10 students per grade
 - 109 students 6-8 or about 36 students per grade
 - 220 students 9-12 or about 55 students per grade

K-12 ENROLLMENT PROJECTIONS

- In ten years (2032-33)
 - K-12 enrollment projected to decrease
 - 2023-24 = 10,253
 - 2033-34
 - 8,886 to 9,457 or -13.3% to -7.8%
 - Most of the difference is the result of the migration assumptions, which mainly increases high school enrollment

K-12 ENROLLMENT PROJECTIONS

Year	Low K Low Mig	High K Low Mig	Low K High Mig	High K High Mig
2024-25	10253	10,253	10,253	10,253
2025-26	10,000	10,017	10,065	10,082
2026-27	9,755	9,790	9,880	9,915
2027-28	9,649	9,701	9,830	9,884
2028-29	9,518	9,588	9,748	9,819
2029-30	9,433	9,520	9,709	9,797
2030-31	9,341	9,443	9,655	9,759
2031-32	9,233	9,350	9,585	9,705
2032-33	9,088	9,221	9,452	9,589
2033-34	9,029	9,177	9,413	9,566
2034-35	8,886	9,051	9,287	9,457

K-12 ENROLLMENT PROJECTIONS

	K-5	6-8	9-12	Total
2024-25	4,419	2,138	3,696	10,253
2029-30				
Low K/Low Mig	4,081	2,124	3,228	9,433
High K/Low Mig	4,168	2,124	3,228	9,520
Low K/ High Mig	4,157	2,200	3,351	9,709
High K/High Mig	4,245	2,200	3,351	9,797
2034-35				
Low K/Low Mig	3,847	1,946	3,094	8,886
High K/Low Mig	3,944	1,996	3,112	9,051
Low K/ High Mig	3,917	2,055	3,314	9,287
High K/High Mig	4,016	2,108	3,334	9,457

CHANGE IN ENROLLMENT

- 2025-2029
 - K-5 decreases 174 to 338 from 2024-25 enrollment
 - 6-8 decrease 14 or increases 62 from 2024-25 enrollment
 - 9-12 decreases 345 to 468 from 2024-25 enrollment
- 2034-35
 - K-5 decreases 403 to 572 from 2024-25 enrollment
 - 6-8 decreases 30 to 192 from 2024-25 enrollment
 - 9-12 decreases 362 to 602 from 2024-25 enrollment

K-12 ENROLLMENT PROJECTIONS

What could make these district wide projections

- Too high
 - Projected kindergarten is too high (county kindergarten pool too large; Robbinsdale's capture rate decreases)
 - Fewer nonresident students enroll in the Robbinsdale Area Schools and/or more residents leave the district for their education
- Too low
 - Projected kindergarten is too low (county kindergarten pool too small; Robbinsdale's capture rate increases)
 - More nonresident students enroll in the Robbinsdale Area Schools and/or more residents stay in the district for their education

WHAT ABOUT HOUSING?

- Relationship between housing and K-12 enrollment is complex
 - **Unit type** affects school age child per unit yield
 - Single-family detached units have the highest student yield per unit
 - Newer single-family detached units yield more students per unit than older single-family detached units
 - As single-family detached units sell, student yield usually increases in the new units. In older units, yield is likely to decrease
 - Market value of single-family detached units affect yield. Moderately to higher priced units have higher per unit yield
 - Senior units—no students

YIELD PER UNIT TYPE

- Results of studies in four states—Minnesota, Wisconsin, Illinois, and Colorado
 - **Single family detached K-12 yield varies by school district and by attendance area within school districts**
 - Townhome yield is very consistent across all school districts across states—0.22
 - Apartments yield is very consistent across all school districts across states—0.11 to 0.15
 - Condominiums yield almost no school age children—0.02 to 0.05

NEW HOUSING VERSUS ENROLLMENT

- 2020-2024, 632 additional housing units in the district but only 71 were single-family detached units
- District's school age population declined
 - Other factors at play
 - Decline in births
 - More empty nesters
 - New residents with no school age children

NEW HOUSING VERSUS ENROLLMENT

- 2025-2029, 842 to 890 projected housing units but only 58-61 are single-family detached
- Estimated school age population over five years
 - Townhomes—less than 50
 - Apartments—less than 60
 - Single-family detached—30 to 40
 - **However, these projected students do not automatically translate into additional students**
- **New housing units will not stop enrollment decline**



THANK YOU