

2019-2029

Assumptions

Historic Enrollment Trends:

Births:

estimated for the years 2020 to 2025.
computed for Decennial Census years (2000
year average of births (to alleviate data
- female population age 15-44. These
population data points were the basis

New Hampshire has been declining
number of minority births in Nashua has
over the past 10 years— in 2010 there
s representing 30% of all births and in
minority births equating to 37% of all

rising within minority populations and
mating births are less significant than
when planning for school facilities, the
own to be slightly higher than they have

Assumptions (continued)

Net Migration

The Projections

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Alternative 1: Grade Progression Ratio

Projected Enrollment by Grade - Progression Ratio Method

Birth Year	Births	School Year	PK	1	2	3	4	5	6	7	8	9	10	11	Subtotal			Ann. Change		
															12	PK-12	K-12	#	%	
15	976	2020-21	350	750	749											11,178	10,835			
16	1,054	2021-22	350	809	746	750										11,142	10,792	(43)		1.4%
17	964	2022-23	350	740	805	747	748									11,084	10,734	(58)		1.5%
18	946	2023-24	350	726	787	805	740	744								10,961	10,611	(123)		1.1%
19	883	2024-25	350	678	723	738	798	741	741							10,783	10,433	(178)		1.6%
2020	1,031		350	791	724	724	731	719	738	741						10,634	10,284	(149)		1.4%
2021	1,025		350	788	675	717	732	796	679	679						10,542	10,192	(92)		1.4%
2022	1,020		350	788	675	717	732	796	679	679						10,467	10,117	(75)		0.7%
2023	1,015		350	788	675	717	732	796	679	679	685					10,351	10,001	(116)		1.1%
2024	1,009		350	788	675	717	732	796	679	679	683					10,235	9,885	(116)		1.1%
			350	788	675	717	732	796	679	679	736	679	679	798		10,107	9,757	(128)		1.3%

Assumptions:

events:

projected births

significantly from one year
 consistent demographic
 reported in birth rates or
 ct.
 demographic or policy shifts

Alternative 2: Grade Progression Ratio with Increasing Net Migration

Project Year	Enrollment by Grade - PK		Enrollment Ratio Method		Subtotal			Ann. Change		
	Birth	School	1	2	12	PK-12	K-12	#	%	
900	878	879	777	817	755	1,037	803	781	11,178	10,835
830	901	877	808	850	736	788	793	759	11,155	10,805
812	831	900	806	850	807	1,086	851	749	11,109	10,759
	813	832	829	850	801	880	770	804	11,009	10,659
		814	767	803	821	1,022	842	728	10,852	10,502
			752	772	675	1,024	806	797	10,734	10,384
1,031			350	757	732	1,054	731	800	10,670	10,320
1,015			350		707	979	717	733	10,625	10,275
1,010			350		33	963	670	719	10,538	10,188
1,015			350		30	780	783	672	10,461	10,111
1,019			350		76	777	779	785	10,367	10,017

on existing births

Based on

projected births

Assumptions.

Enrollment based on the most recent trends in enrollment levels; home, charter, and private schools.

- Grade progression ratios can vary significantly from year to year.
- The grade progression ratio assumes that past enrollment trends in private charter and homeschooling will continue into the future.

Comments:

Enrollment ratios can vary significantly from year to year. The grade progression ratio assumes that past enrollment trends in private charter and homeschooling will continue into the future.

Enrollment in grades 2 through 5 is based on those grades. Recent trends in enrollment in 0th grade are more than accounted for by the assumptions. Additional net migration is allowed to the City.

Alternative 3: Cohort Component Method

Projected Enrollment by Grade - Progression Ratio Method

Year	PK	K-12	Subtotal	Ann. Change #	Ann. Change %	School		10	11	12
						PK	K-12			
2019	745	10,669	11,025							
2020	742	10,492	10,842	(177)	-1.6%					
2021	743	10,433	10,783	(59)	-0.5%					
2022	743	10,247	10,597	(186)	-1.7%					
2023	733	10,009	10,359	(238)	-2.2%					
2024	802	9,891	10,241	(118)	-1.1%					
2025	719	9,843	10,193	(48)	-0.5%					
2026	720	9,806	10,156	(37)	-0.4%					
2027	720	9,832	10,182	26	0.3%					
2028	715	9,854	10,204	22	0.2%					
2029	709	9,869	10,219	15	0.1%					

projected births

Assumptions:

Caveats:

is best suited for short term

Additional construction is difficult
 building permit may be issued,
 unit will be built or that it will
 children.

larger grade progression shifts
 : number of students that are
 nt totals.

