



## 2010-11 Enrollment Projections

TO: Richard A. La Salle, Superintendent of Schools, Timberlane, NH SAU#55  
FROM: Donald G. Kennedy, Ed.D., Demographic Specialist  
DATE: November 18, 2010  
RE: Enrollment Projections

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We are pleased to send you the enclosed documents displaying the past, present, and projected enrollments for the Timberlane School District SAU#55. We have used the figures given to us by the district and we assume that the method of collecting the enrollment data has been consistent from year to year.

The district has not requested NESDEC projections since the 2007-08, thus three school years have elapsed since the last forecast. This fall's K-12 enrollments, however, are quite close to the NESDEC enrollment projection totals from fall of 2007 (in Atkinson 1,026 students projected v. 1,005 actual; in Danville, 873 pupils forecast v. 843 actual; in Plaistow, 1,240 projected v. 1,246 enrolled; and in Sandown, 1,115 forecast v. 1,095 enrolled). The differences in projected v. enrolled were generally similar at the elementary, middle, and high school levels.

The two factors at work which will have the greatest effect upon future enrollments are: a decrease in the number of births to Timberlane residents and, to a lesser degree, b. decreased in-migration (related to the real estate slowdown). In the decade from 1995-2004, Atkinson averaged 68 births per year; more recently (and expected over the next 6-7 years) are about 35-52 births annually; in Danville the decade-long average was 56 annual births v. 36-40 at present; in Plaistow, the average was 98 births v. 64-74 at present; and in Sandown there were an average of 73 births per year v. 41-65 currently. Thus the decline in births is quite similar from town-to-town.

The relationship between births in the Timberlane towns and Kindergarten enrollments is displayed on the B-K graph. Because Kindergarten is new to some towns this relationship remains difficult to project into the future,

although it seems to be relatively stable. Note that the Birth-to-Kindergarten graph displays the number of 2, 3, and 4 year-olds not yet in the schools. Grade 1 is expected to be about 45% larger than the previous year's Kindergarten class in Atkinson; 16% larger in Danville; 17% larger in Plaistow; and 10% larger in Sandown...based upon their recent history. Like many nearby districts Timberlane continues to experience enrollment fluctuations of in/out-migration in Grades 1-12. Over the past ten years, there were three years with 1-2% in-migration, five flat years and two years of 2% out-migration (in 2001 and 2008).

K-12 enrollments are forecast to decrease by about 31 Atkinson students annually; by 33 pupils from Danville; by 24 students from Plaistow; and by 29 students annually from Sandown. **For Years #1-3 we can be reasonably certain that the trend will continue; beyond this point is less certain, as New Hampshire is expected to lead New England out of the economic slowdown.** Then, during years #4-10 into the future, the K-12 declines are forecast to diminish, due primarily to small Kindergarten classes replacing the larger groups of graduating high school seniors.

**Will these patterns really last for as long as ten years? Perhaps not.** As soon as the economy and real estate situation improve in the region, additional in-migration may return to Timberlane. Many communities in the region sold during 2008, 2009, and 2010-to-date only about 60-80% as many homes as in 2005-2007. Building permits have slowed in most towns; see the "Additional Data" table below. See the description on Page 4 below regarding "reliability of projections".

As noted above, the number of births is an important variable in projecting future school enrollments, thus changing trends in births can be of special interest. U.S. births steadily increased from 2003 onward, reaching the highest peak in two decades, in 2007. However, U.S. births dropped 2% in 2008 (compared with 2007) and declined by an additional 2.6% in 2009 (compared with 2008). The Pew Research Center analyzed data from 25 states and found that the states hit hardest by the Recession (such as Michigan) had the greatest decline in births. Although additional factors may be involved, during times of substantial and prolonged economic difficulty, persons expecting to lose their employment and/or their homes, may postpone having children. The Pew Center estimates that 14% of Americans aged 18-34 postponed having a child because of the recent recession (2% with incomes above \$75,000 postponed having a child, with higher rates of postponement in lower income brackets).

Among the six New England states, hard-hit Connecticut dropped by 8.6% over the two-year period from 41,684 births in 2007 to 38,083 in 2009; similarly, Rhode Island experienced an 8.1% decline from 12,503 births in 2007 to 11,494 births in 2009; mothers in Vermont gave birth to 6,492 children in 2007

and 6,118 babies in 2009, a 5.8% decline; Maine dropped by 4.7% from 14,177 children in 2007 to 13,506 babies in 2009; New Hampshire experienced a 4.4% decrease from 14,397 births in 2007 compared with only 13,764 children born in 2009; lastly, Massachusetts declined by only 3.9% from 77,731 births in 2007 to 74,643 children born in 2009. Overall, in the 275+ enrollment projections prepared by NESDEC during 2009-10, about 64% of districts were continuing to shrink in enrollment; whereas about 36% of districts appeared to be experiencing flat enrollments or some growth (of 0.5% or more per year) in the K-12 student population. Because of the higher median ages among the New England population, births in the region generally have been declining over the past several years; thus the Recession has accelerated an on-going trend.

If your district has need for further assistance in the area of long range facilities planning, we would urge you to call so that we might discuss our planning services which include our Demographic and Long-Range Enrollment Projection Studies.

We have enclosed suggestions for interpreting the printout and a brief description of the modified cohort survival methodology used in preparing the projections. As always, we would be delighted to hear from you regarding ways in which we might make the enrollment forecasts more useful to you. Please don't hesitate to call or email us at [ep@nesdec.org](mailto:ep@nesdec.org). Best wishes for the school year.

# Analyzing Your Enrollment

## Historical Public Enrollments

1. After the "YEAR" column can be found the "BIRTHS" column. The number of births to residents for each of eleven years is displayed. Note any trends, e.g., have births been decreasing? increasing? leveling off? Kindergarten and Grade 1 enrollments are normally quite responsive to these fluctuations.
2. Look down the K and 1 columns and note the direction of the trend. This affords a comparison of these classes over a ten-year period. Add the K and Grade 1 enrollments of the first school year recorded, and compare them with the sum of the current K and Grade 1 enrollments.
3. Take the first K class and follow it diagonally to trace its movement to Grade 1, 2, etc. up to its current 10th grade status. This comparison (which can be accomplished for other classes also) gives some measure of the effects of migration in your school district. If a sixth grade class today is larger than it was as a K class six years ago, then in-migration has probably occurred; if it is smaller, then out-migration has probably occurred.
4. Compare each K class with the previous year's graduating class. Note which is larger and by what amount one surpasses the other. Larger graduating classes generally reflect declining enrollments; larger K classes generally indicate increasing enrollments.
5. In the "Grade Combinations" section, note the trends of elementary, middle school/junior high, and high school enrollments. A significant and consistent trend in these summaries usually results in the corresponding trend for projected enrollments. If enrollments are leveling off in the elementary grades after a period of decline, then the secondary enrollments might be expected to continue to decline for several years until the leveling off experience has had time to take hold at the secondary grades.

## Enrollment Projections

1. Note the trends exhibited in the total K-12 (or 1-12) projection for the next five years as well as the

projections for various grade combinations. The trends on this page should generally exhibit a continuation of the trends mentioned above for historical enrollments, although the rate of change may be quite different.

2. Look at the births in the most recent years and note whether the trend is up, down, or level.
3. Make similar comparisons as appropriate on this page as were suggested for the "Historical Public Enrollments" page.

### **PROJECTION METHODOLOGY**

The cohort survival technique is the most frequently used method of preparing enrollment forecasts. NESDEC uses that technique, but modifies it in order to move away from forecasts which are wholly computer or formula driven. Such modification permits the incorporation of important, current town-specific information into the generation of the enrollment forecasts. Basically, percentages are calculated from the historical enrollment data to determine a reliable percentage of increase or decrease in enrollment between any two grades. For example, if 100 students enrolled in Grade 1 in 2009-10, increased to 104 students in Grade 2 in 2010-11, the percentage of survival would have been 104% or a ratio of 1.04. Such ratios are calculated between each pair of grades or years in school over several recent years.

After study and analysis of the historical ratios and based upon a reasonable set of assumptions regarding births, migration rates, retention rates, etc., ratios most indicative of future growth patterns are determined for each pair of grades. The ratios thus selected are applied to the present enrollment statistics for a pre-determined number of years. The ratios used are the key factors in the reliability of the projections, given the validity of the data at the starting point. The strength of the ratios lies in the fact that each ratio encompasses collectively the variables that account for increases or decreases in the size of a grade enrollment as it moves on to the next grade. Each ratio represents the cumulative effect of the following factors:

1. Real estate turnover and new residential construction;
2. Migration, in or out, of the schools;
3. Drop-outs, transfers, etc.;
4. Births to residents;
5. Retention in the same grade.

## **RELIABILITY OF ENROLLMENT PROJECTIONS**

Projections can serve as useful guides to school administrators for educational planning. In this regard, the projections are generally most reliable when they are closest in time to the current year. Projections six to ten years out may serve as a guide to future enrollments, and are useful for facility planning purposes. However, they should be viewed as subject to change given the possibility for change in the underlying assumptions/trends.

Projections based upon **the children already in the district** (the current K-12 population only) will be the most reliable; the second level of reliability will be for those children already **born into the community but not yet old enough to be in school**. The least reliable category is the group for which an estimate must be made **to predict the number of births**, thereby adding an additional variable. See these three multi-colored groupings on the “Projected Enrollment” slide/page.

**How often do the actual enrollments closely match the NESDEC projections?** The research literature reports the closest that enrollment forecasters are likely to come to actual enrollments is about 1% variance per year-from-the-known-data. That is, a 1% variance from projection-to-actual “one-year-out” into the future (2% variance “two-years-out” ... 10% variance “ten-years-out”). NESDEC reaches this “highest possible” standard in about 90% of cases. When our NESDEC variance is greater, the reasons often are one of the following: a. imbedded/intervening “hidden” variables (examples: a parochial school closed or other students returned from non-public schools, a charter school opened, the Kindergarten program changed entrance age or to extended/full-day, the high school toughened its course credit/graduation requirements, the District set new attendance boundaries for elementary schools, or the District had well-publicized budget/referendum difficulties); b. the District size was below 500 students, thus subject to fluctuations; or c. the District has not done enrollment projections on an annual basis.

Annual updates allow for early identification of recent changes in historical trends. When the actual enrollment in a grade is significantly different (high or low) from the projected number, it is important (yet difficult) to determine whether this is a one-year aberration or whether a new trend may be starting. **In light of this, NESDEC urges all school districts to have updated enrollment forecasts developed by NESDEC each October.** This service is available at no cost to affiliated school districts.

## Using This Information Electronically

If you would like to extract the information contained in this report for your own documents or presentations, you can use Adobe Acrobat reader to convert the desired information to a “snapshot,” which can be inserted into PowerPoint slides, Word documents, etc. Because the snapshot tool creates a graphic, the image is not editable.

### Steps for Using The Snapshot Tool in Adobe Acrobat Reader 8.0:

1. Click on Tools Menu;
2. Choose “Select & Zoom;”
3. Choose “Snapshot Tool;”
4. Click and drag around the text, chart, and/or graphics that you would like to capture: your selection will be copied to the clipboard automatically;
5. Click in the document where you would like the information to appear;\*
6. Give Paste command.

If you have an earlier version of Adobe Acrobat and these instructions don't work for you, contact your tech support person, or NESDEC and we will try to assist you. Telephone (508)481-9444 or [ep@nesdec.org](mailto:ep@nesdec.org). Ask for Peggy, Don, or Carol.

\*You may paste your snapshot onto a PowerPoint slide, onto an Excel sheet, or even into a graphics program to save as a separate graphic file (in .jpg or other format), so that it is available for inserting into future documents.

# Timberlane SAU#55, NH Historical Enrollment

School District: Timberlane SAU#55, NH

11/18/10

Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1995	301	2000-01	86	71	369	366	365	393	385	361	357	378	309	294	271	233	0	4152	4238
1996	314	2001-02	50	90	334	366	364	364	392	379	363	359	366	304	277	259	32	4249	4299
1997	314	2002-03	66	82	354	335	371	370	366	397	397	370	346	365	300	268	34	4355	4421
1998	325	2003-04	53	85	374	363	338	370	376	373	416	411	366	345	361	315	31	4524	4577
1999	285	2004-05	25	84	362	390	380	346	391	377	382	419	413	368	346	369	50	4677	4702
2000	301	2005-06	31	88	336	364	375	376	355	382	394	385	418	402	363	347	55	4640	4671
2001	288	2006-07	75	67	341	324	364	376	367	354	383	393	379	411	413	388	0	4560	4635
2002	285	2007-08	111	253	285	346	328	355	387	363	360	392	392	363	406	430	0	4660	4771
2003	278	2008-09	47	258	302	279	324	329	345	371	360	371	365	372	367	396	0	4439	4486
2004	248	2009-10	74	215	300	310	289	326	330	351	371	355	363	352	372	382	0	4316	4390
2005	254	2010-11	76	218	265	296	301	290	336	327	348	371	341	369	353	374	0	4189	4265

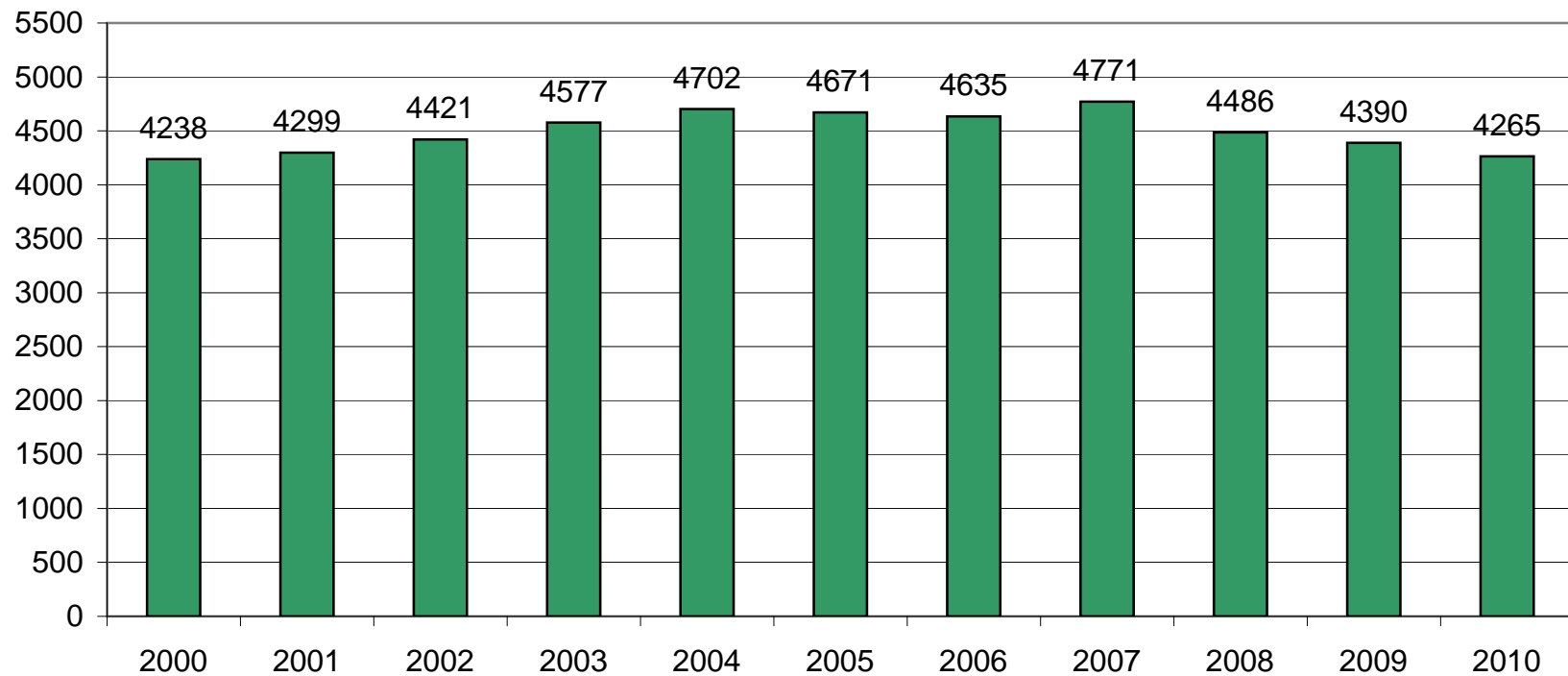
Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2000-01	2035	1949	2310	3045	1481	1096	735	1842	1107
2001-02	1960	1910	2289	3011	1493	1101	722	1928	1206
2002-03	1944	1878	2275	3042	1530	1164	767	2046	1279
2003-04	1959	1906	2279	3106	1576	1200	827	2214	1387
2004-05	1978	1953	2330	3131	1569	1178	801	2297	1496
2005-06	1925	1894	2276	3055	1516	1161	779	2309	1530
2006-07	1914	1839	2193	2969	1497	1130	776	2367	1591
2007-08	2065	1954	2317	3069	1502	1115	752	2343	1591
2008-09	1884	1837	2208	2939	1447	1102	731	2231	1500
2009-10	1844	1770	2121	2847	1407	1077	726	2195	1469
2010-11	1782	1706	2033	2752	1382	1046	719	2156	1437

Historical Percentage Changes			
Year	K-12	Diff.	%
2000-01	4152	0	0.0%
2001-02	4249	97	2.3%
2002-03	4355	106	2.5%
2003-04	4524	169	3.9%
2004-05	4677	153	3.4%
2005-06	4640	-37	-0.8%
2006-07	4560	-80	-1.7%
2007-08	4660	100	2.2%
2008-09	4439	-221	-4.7%
2009-10	4316	-123	-2.8%
2010-11	4189	-127	-2.9%
<b>K-12 Change</b>		<b>37</b>	<b>0.9%</b>



# Timberlane SAU#55, NH Historical Enrollment

**PK-12, 2000-2010**



# Timberlane SAU#55, NH Projected Enrollment

School District: Timberlane SAU#55, NH

11/18/2010

Enrollment Projections By Grade*																				
Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	254		2010-11	76	218	265	296	301	290	336	327	348	371	341	369	353	374	0	4189	4265
2006	240		2011-12	78	213	269	266	292	303	292	333	326	350	355	334	372	360	0	4065	4143
2007	243		2012-13	80	216	257	271	263	293	305	289	331	330	335	348	336	379	0	3953	4033
2008	200		2013-14	82	176	259	259	267	264	294	301	288	335	317	329	350	343	0	3782	3864
2009	179		2014-15	84	158	212	262	256	270	265	291	300	291	321	310	331	357	0	3624	3708
2010	223	(est.)	2015-16	86	197	190	214	258	258	272	263	290	304	280	315	312	338	0	3491	3577
2011	217	(est.)	2016-17	88	193	237	191	212	260	260	267	262	293	290	274	317	319	0	3375	3463
2012	212	(est.)	2017-18	90	188	232	238	190	214	262	256	268	265	281	283	276	325	0	3278	3368
2013	206	(est.)	2018-19	92	182	226	234	236	191	216	259	256	270	256	275	285	282	0	3168	3260
2014	208	(est.)	2019-20	94	183	218	228	232	238	192	213	259	259	256	251	276	291	0	3096	3190
2015	213	(est.)	2020-21	96	188	220	220	226	234	240	189	213	262	248	250	252	281	0	3023	3119

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	1782	1706	2033	2752	1382	1046	719	2156	1437
2011-12	1713	1635	1968	2644	1301	1009	676	2097	1421
2012-13	1685	1605	1894	2555	1255	950	661	2059	1398
2013-14	1601	1519	1820	2443	1218	924	623	1962	1339
2014-15	1507	1423	1714	2305	1147	882	591	1910	1319
2015-16	1475	1389	1652	2246	1129	857	594	1839	1245
2016-17	1441	1353	1620	2175	1082	822	555	1755	1200
2017-18	1414	1324	1580	2113	1051	789	533	1698	1165
2018-19	1377	1285	1544	2070	1001	785	526	1624	1098
2019-20	1385	1291	1504	2022	923	731	518	1592	1074
2020-21	1424	1328	1517	1992	904	664	475	1506	1031

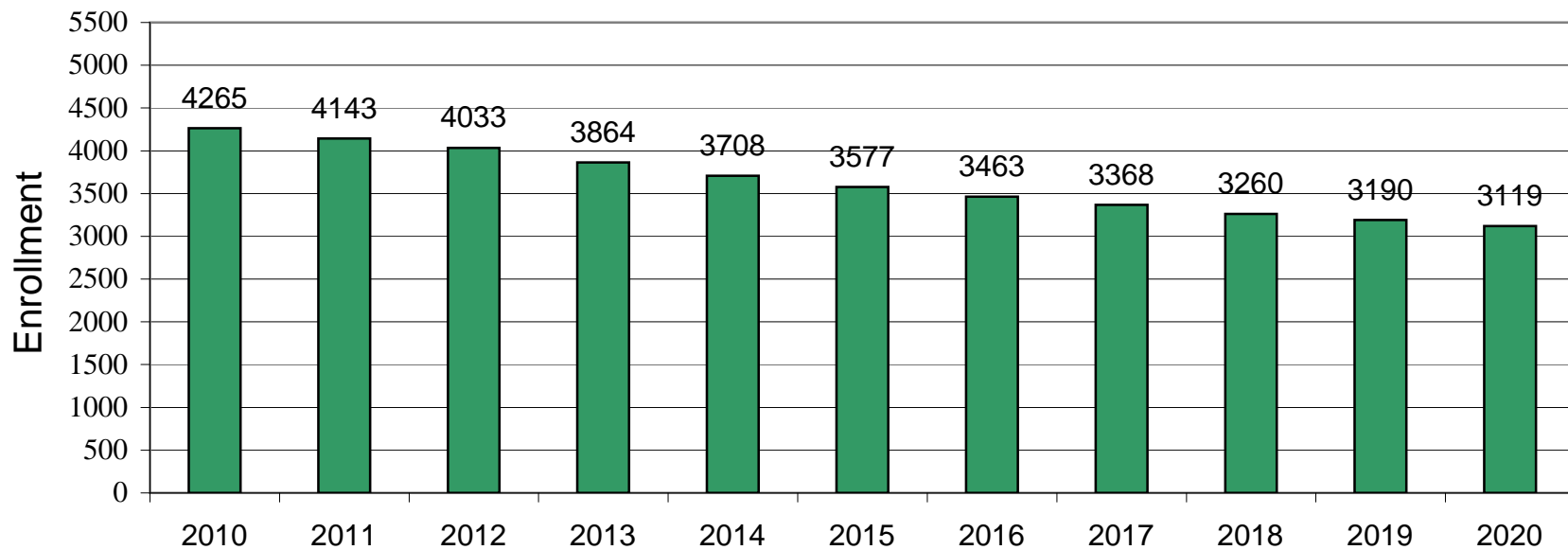
Projected Percentage Changes			
Years	K-12	Diff.	%
2010-11	4189	0	0.0%
2011-12	4065	-124	-3.0%
2012-13	3953	-112	-2.8%
2013-14	3782	-171	-4.3%
2014-15	3624	-158	-4.2%
2015-16	3491	-133	-3.7%
2016-17	3375	-116	-3.3%
2017-18	3278	-97	-2.9%
2018-19	3168	-110	-3.4%
2019-20	3096	-72	-2.3%
2020-21	3023	-73	-2.4%
<b>K-12 Change</b>		<b>-1166</b>	<b>-27.8%</b>

See "Reliability of Enrollment Projections" section of accompanying letter.

Projections are more reliable for Years 1-5 in the future than for Years 6 and beyond.

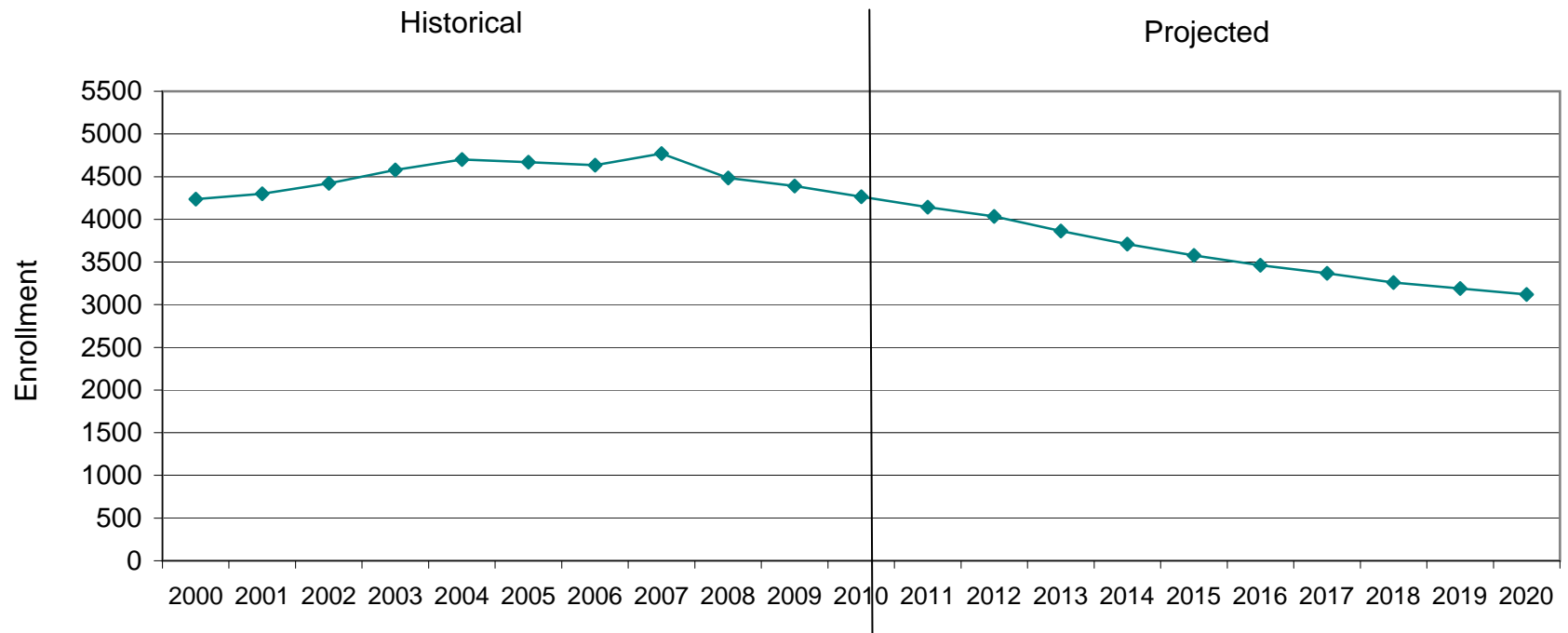
# Timberlane SAU#55, NH Projected Enrollment

PK-12 TO 2020 Based On Data Through School Year 2010-11

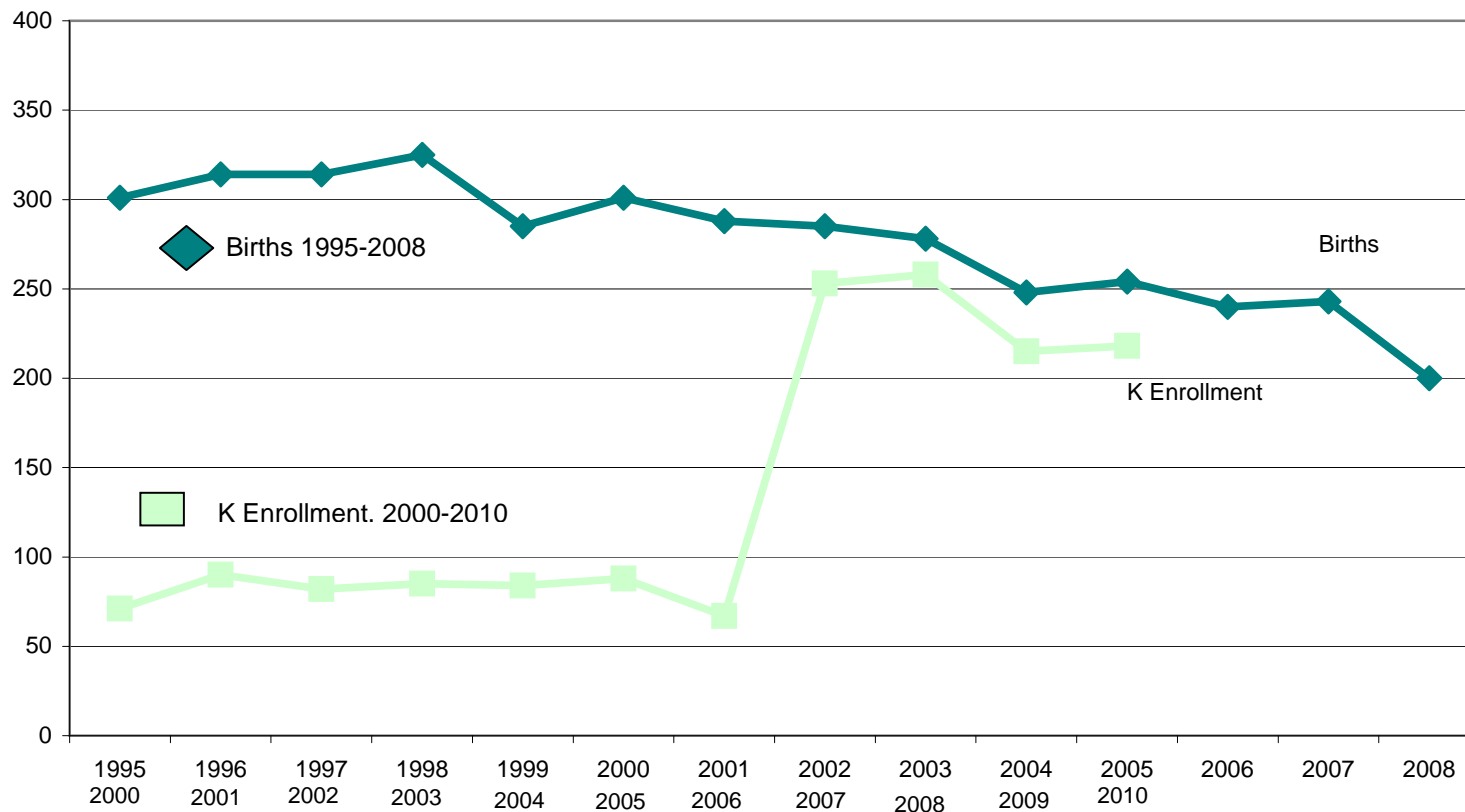


# Timberlane SAU#55, NH Historical & Projected Enrollment

**PK-12, 2000-2020**



# Timberlane SAU#55 Birth-to-Kindergarten Relationship



# Atkinson, NH Timberlane Historical Enrollment

School District: Atkinson, NH Timberlane #55

11/18/10

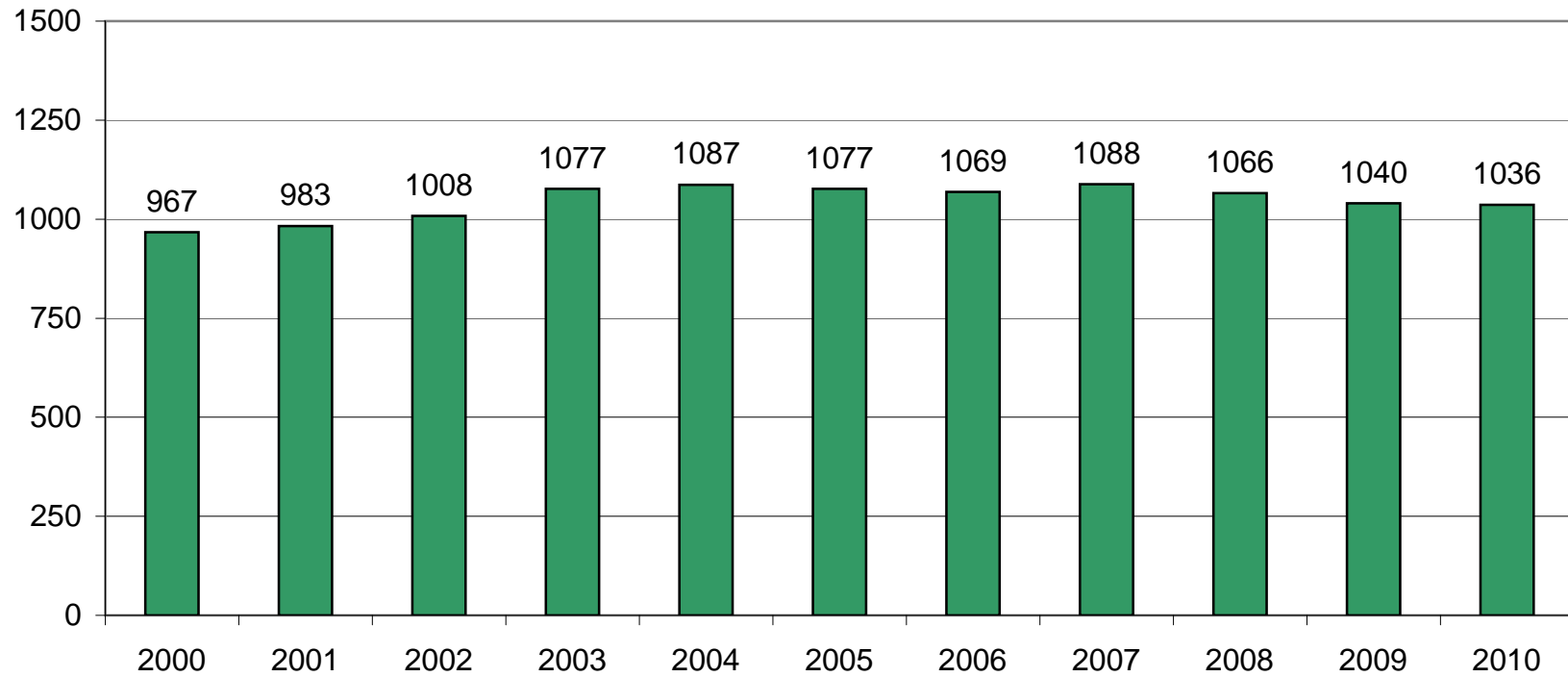
Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1995	64	2000-01	0	0	95	89	87	81	93	95	75	91	72	73	67	49	0	967	967
1996	70	2001-02	0	0	95	90	86	78	82	86	96	76	85	73	70	66	0	983	983
1997	57	2002-03	0	0	83	92	90	87	81	87	101	99	68	80	76	64	0	1008	1008
1998	75	2003-04	0	0	108	85	93	97	91	83	91	107	96	65	84	77	0	1077	1077
1999	68	2004-05	0	0	85	107	90	95	101	86	83	87	101	98	67	87	0	1087	1087
2000	78	2005-06	0	0	88	91	104	95	97	97	81	83	88	93	91	69	0	1077	1077
2001	71	2006-07	0	0	79	88	88	104	92	96	99	80	76	78	94	95	0	1069	1069
2002	73	2007-08	0	55	72	75	86	91	102	91	89	102	79	77	78	91	0	1088	1088
2003	67	2008-09	0	63	89	67	76	88	91	100	94	90	84	71	76	77	0	1066	1066
2004	54	2009-10	27	32	74	87	69	79	83	91	97	85	80	81	74	81	0	1013	1040
2005	63	2010-11	31	62	50	75	88	71	83	75	94	96	76	83	82	70	0	1005	1036

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2000-01	445	445	540	706	354	261	166	427	261
2001-02	431	431	517	689	340	258	172	466	294
2002-03	433	433	520	720	368	287	200	488	288
2003-04	474	474	557	755	372	281	198	520	322
2004-05	478	478	564	734	357	256	170	523	353
2005-06	475	475	572	736	358	261	164	505	341
2006-07	451	451	547	726	367	275	179	522	343
2007-08	481	481	572	763	384	282	191	516	325
2008-09	474	474	574	758	375	284	184	492	308
2009-10	451	424	515	697	356	273	182	498	316
2010-11	460	429	504	694	348	265	190	501	311

Historical Percentage Changes			
Year	K-12	Diff.	%
2000-01	967	0	0.0%
2001-02	983	16	1.7%
2002-03	1008	25	2.5%
2003-04	1077	69	6.8%
2004-05	1087	10	0.9%
2005-06	1077	-10	-0.9%
2006-07	1069	-8	-0.7%
2007-08	1088	19	1.8%
2008-09	1066	-22	-2.0%
2009-10	1013	-53	-5.0%
2010-11	1005	-8	-0.8%
<b>K-12 Change</b>		<b>38</b>	<b>3.9%</b>

# Atkinson, NH Timberlane Historical Enrollment

**PK-12, 2000-2010**



# Atkinson, NH Timberlane Projected Enrollment

School District: Atkinson, NH Timberlane #55

11/18/2010

Enrollment Projections By Grade*																				
Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	63		2010-11	31	62	50	75	88	71	83	75	94	96	76	83	82	70	0	1005	1036
2006	52		2011-12	32	44	90	49	76	91	71	80	76	92	84	74	84	82	0	993	1025
2007	45		2012-13	33	38	64	88	50	78	91	68	81	75	81	82	75	84	0	955	988
2008	44		2013-14	34	37	55	62	89	52	78	87	69	80	66	79	83	75	0	912	946
2009	35		2014-15	35	29	54	54	63	92	52	75	88	68	70	64	80	83	0	872	907
2010	48	(est.)	2015-16	36	40	42	53	55	65	92	50	76	87	60	68	65	80	0	833	869
2011	45	(est.)	2016-17	37	38	58	41	54	57	65	88	51	75	76	59	69	65	0	796	833
2012	43	(est.)	2017-18	38	36	55	56	42	56	57	62	89	50	66	74	60	69	0	772	810
2013	43	(est.)	2018-19	39	36	52	54	57	43	56	55	63	88	44	64	75	60	0	747	786
2014	43	(est.)	2019-20	40	36	52	51	55	59	43	54	56	62	77	43	65	75	0	728	768
2015	44	(est.)	2020-21	41	37	52	51	52	57	59	41	55	55	54	75	44	65	0	697	738

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	460	429	504	694	348	265	190	501	311
2011-12	453	421	501	669	319	248	168	492	324
2012-13	442	409	477	633	315	224	156	478	322
2013-14	407	373	460	609	314	236	149	452	303
2014-15	379	344	419	575	283	231	156	453	297
2015-16	383	347	397	560	305	213	163	436	273
2016-17	350	313	401	527	279	214	126	395	269
2017-18	340	302	364	503	258	201	139	408	269
2018-19	337	298	353	504	262	206	151	394	243
2019-20	336	296	350	468	215	172	118	378	260
2020-21	349	308	349	459	210	151	110	348	238

Projected Percentage Changes			
Years	K-12	Diff.	%
2010-11	1005	0	0.0%
2011-12	993	-12	-1.2%
2012-13	955	-38	-3.8%
2013-14	912	-43	-4.5%
2014-15	872	-40	-4.4%
2015-16	833	-39	-4.5%
2016-17	796	-37	-4.4%
2017-18	772	-24	-3.0%
2018-19	747	-25	-3.2%
2019-20	728	-19	-2.5%
2020-21	697	-31	-4.3%
<b>K-12 Change</b>		<b>-308</b>	<b>-30.6%</b>

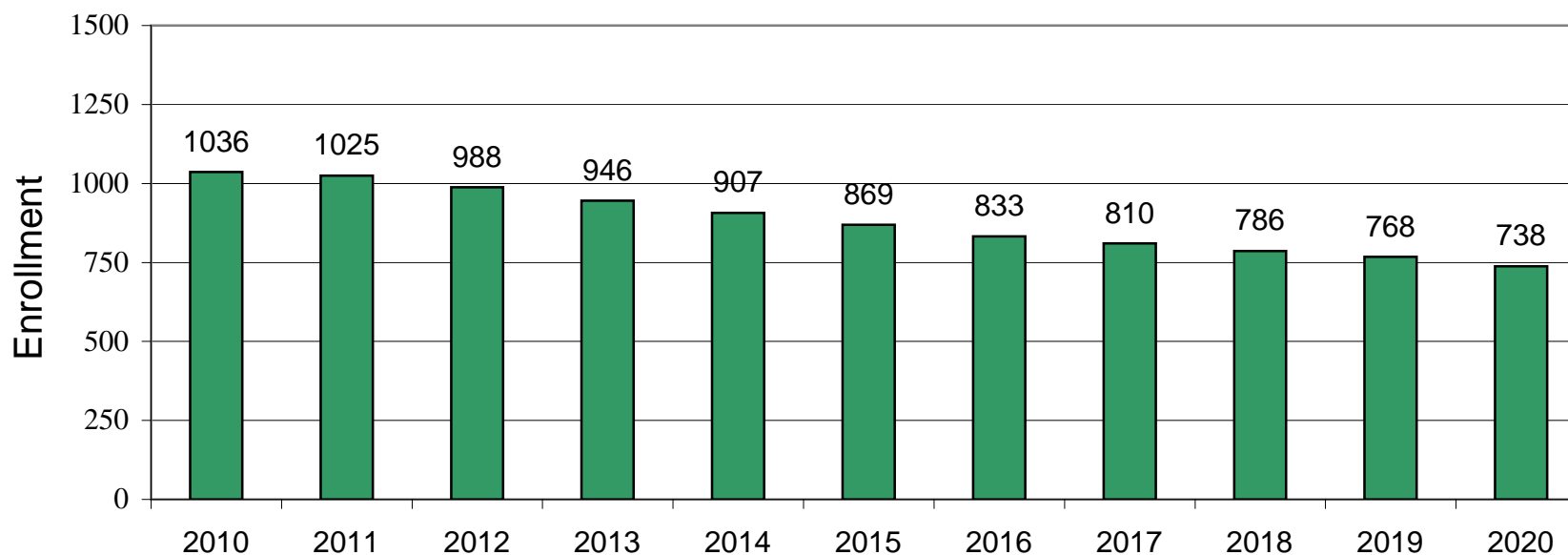
See "Reliability of Enrollment Projections" section of accompanying letter.

Projections are more reliable for Years 1-5 in the future than for Years 6 and beyond.



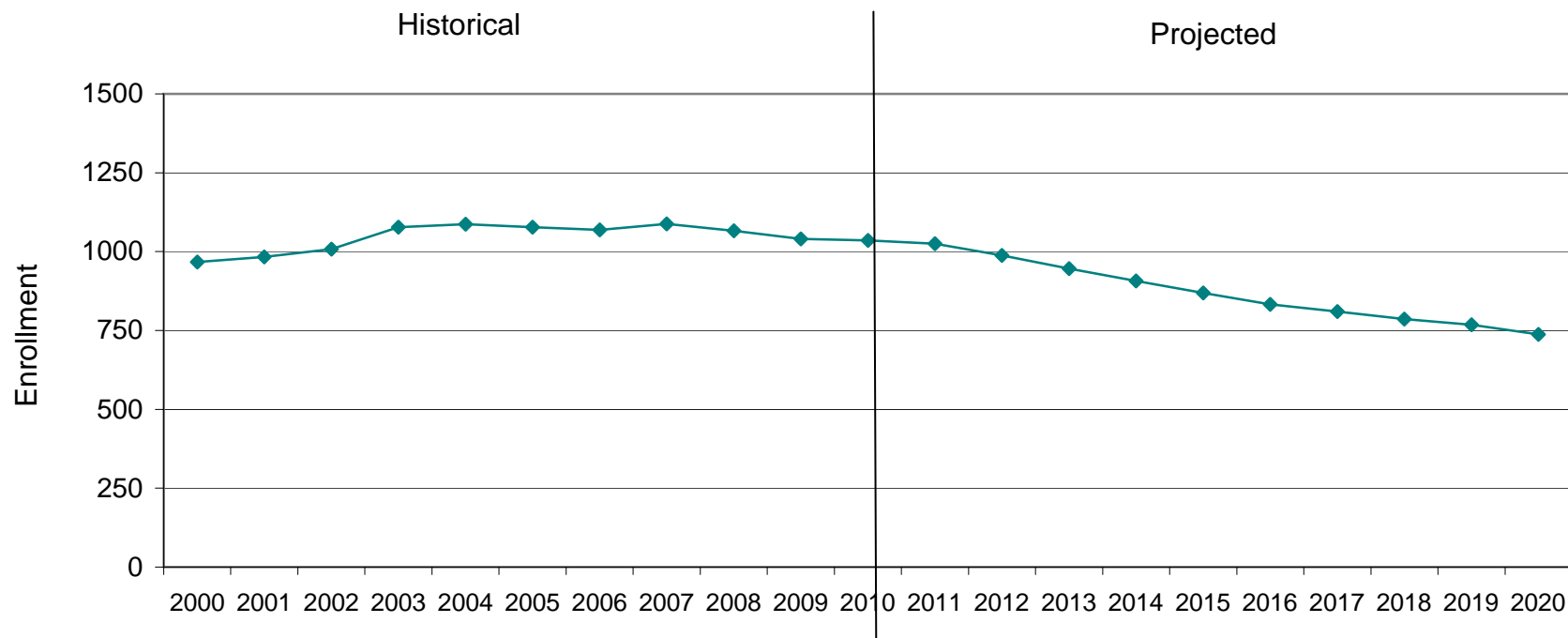
# Atkinson, NH Timberlane Projected Enrollment

PK-12 TO 2020 Based On Data Through School Year 2010-11

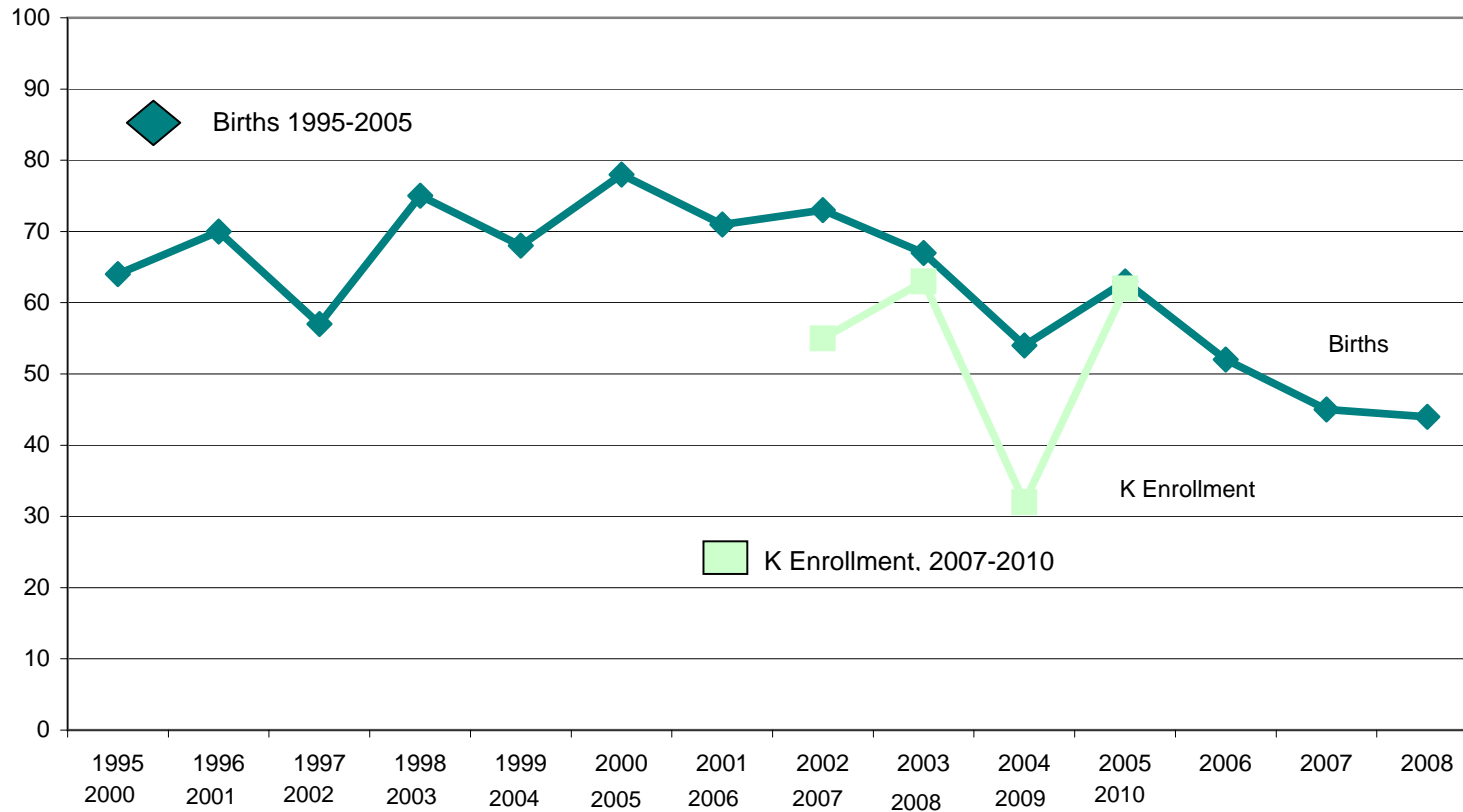


# Atkinson, NH Timberlane Historical & Projected Enrollment

### PK-12, 2000-2020



# Atkinson, NH Birth-to-Kindergarten Relationship



# Atkinson, NH Timberlane Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2000	42	45
2006	6	0
2007	7	0
2008	0	0
2009	7	0
2010	5 to date	0

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2000	0	0
2006-07	0	0
2007-08	0	0
2008-09	0	0
2009-10	0	0
2010-11	0	0

Source: HUD and Building Department

Residents in Non-Public Independent and Parochial Schools (Regular Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

K-12 Home-Schooled Students	
2010	10

K-12 Residents Enrolled in Charter or Magnet Schools	
2010	0

K-12 SpEd Outplaced Students	
2010	5

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2010	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

# Danville, NH Timberlane Historical Enrollment

School District: Danville, NH Timberlane SAU#55

11/18/10

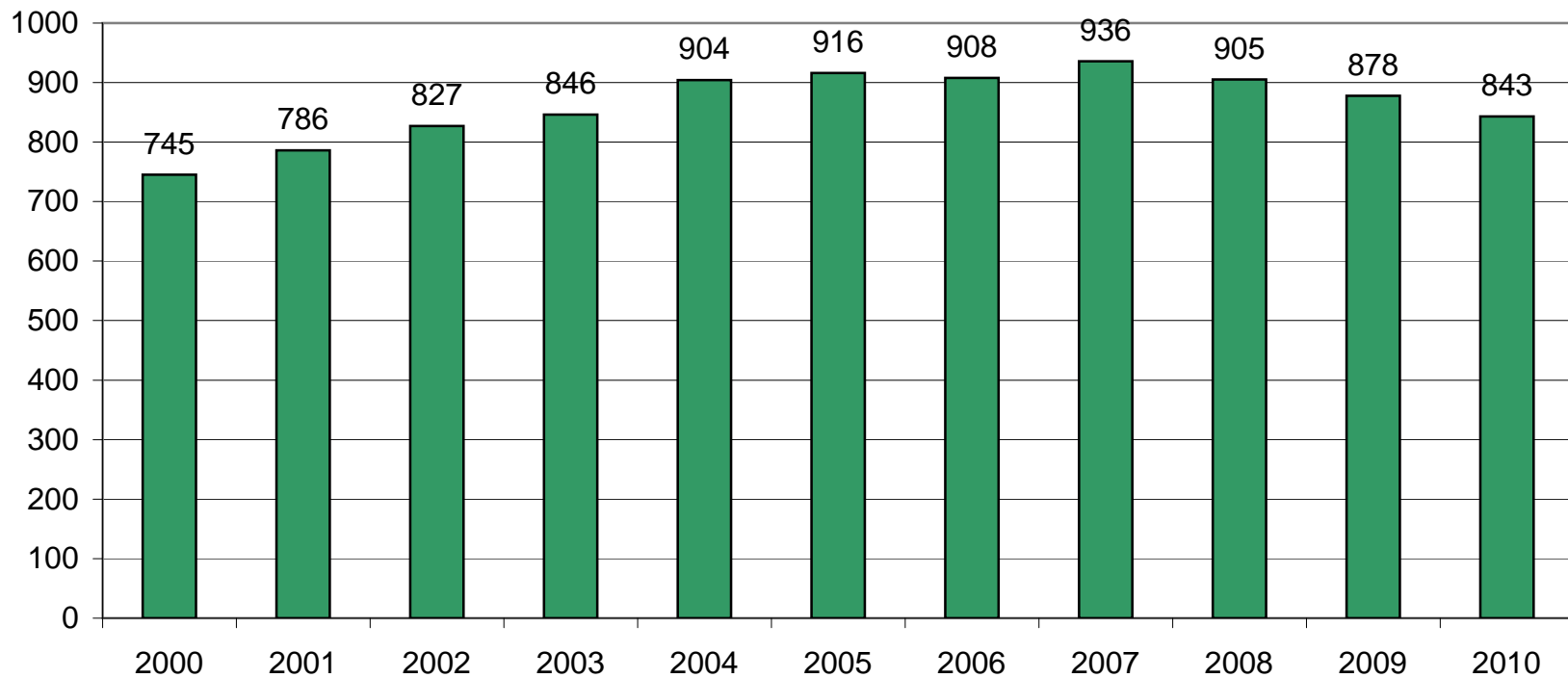
Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1995	50	2000-01	0	0	61	83	60	78	71	54	74	68	61	45	44	46	0	745	745
1996	58	2001-02	0	0	56	64	79	64	83	71	54	74	68	58	42	41	32	786	786
1997	52	2002-03	0	0	73	55	71	79	63	86	71	54	73	71	54	43	34	827	827
1998	80	2003-04	0	0	64	70	52	67	81	69	90	78	52	74	67	51	31	846	846
1999	63	2004-05	0	0	75	69	73	55	71	86	73	88	78	52	72	62	50	904	904
2000	48	2005-06	0	0	68	73	69	72	56	72	95	70	87	77	51	71	55	916	916
2001	63	2006-07	0	0	87	65	75	74	73	60	71	98	71	91	83	60	0	908	908
2002	44	2007-08	0	46	63	86	65	74	75	73	61	69	92	68	84	80	0	936	936
2003	63	2008-09	0	56	54	62	85	65	71	70	70	62	66	92	68	84	0	905	905
2004	41	2009-10	0	51	61	56	67	86	64	71	67	71	60	63	88	73	0	878	878
2005	35	2010-11	0	22	62	58	55	64	84	67	67	69	71	62	65	97	0	843	843

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2000-01	353	353	407	549	267	196	142	338	196
2001-02	346	346	417	545	282	199	128	337	209
2002-03	341	341	427	552	274	211	125	366	241
2003-04	334	334	403	571	318	237	168	412	244
2004-05	343	343	429	590	318	247	161	425	264
2005-06	338	338	410	575	293	237	165	451	286
2006-07	374	374	434	603	302	229	169	474	305
2007-08	409	409	482	612	278	203	130	454	324
2008-09	393	393	463	595	273	202	132	442	310
2009-10	385	385	456	594	273	209	138	422	284
2010-11	345	345	412	548	287	203	136	431	295

Historical Percentage Changes			
Year	K-12	Diff.	%
2000-01	745	0	0.0%
2001-02	786	41	5.5%
2002-03	827	41	5.2%
2003-04	846	19	2.3%
2004-05	904	58	6.9%
2005-06	916	12	1.3%
2006-07	908	-8	-0.9%
2007-08	936	28	3.1%
2008-09	905	-31	-3.3%
2009-10	878	-27	-3.0%
2010-11	843	-35	-4.0%
<b>K-12 Change</b>	<b>98</b>		<b>13.2%</b>

# Danville, NH Timberlane Historical Enrollment

PK-12, 2000-2010



# Danville, NH Timberlane Projected Enrollment

School District: Danville, NH Timberlane SAU#55

11/18/2010

Enrollment Projections By Grade*																				
Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	35		2010-11	0	22	62	58	55	64	84	67	67	69	71	62	65	97	0	843	843
2006	38		2011-12	0	35	26	61	59	54	62	85	64	68	67	71	62	69	0	783	783
2007	40		2012-13	0	37	41	26	62	58	53	63	81	65	66	67	71	66	0	756	756
2008	34		2013-14	0	31	43	41	26	61	56	54	60	83	63	66	67	75	0	726	726
2009	35		2014-15	0	32	36	43	42	26	59	57	51	61	81	63	66	71	0	688	688
2010	36	(est.)	2015-16	0	34	37	36	44	42	25	60	54	52	59	81	63	70	0	657	657
2011	37	(est.)	2016-17	0	34	39	37	37	44	41	25	57	55	51	59	81	67	0	627	627
2012	36	(est.)	2017-18	0	34	39	39	38	37	43	41	24	58	54	51	59	86	0	603	603
2013	36	(est.)	2018-19	0	33	39	39	40	38	36	43	39	24	57	54	51	62	0	555	555
2014	36	(est.)	2019-20	0	33	38	39	40	40	37	36	41	40	23	57	54	54	0	532	532
2015	36	(est.)	2020-21	0	33	38	38	40	40	39	37	34	42	39	23	57	57	0	517	517

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	345	345	412	548	287	203	136	431	295
2011-12	297	297	382	514	279	217	132	401	269
2012-13	277	277	340	486	262	209	146	416	270
2013-14	258	258	312	455	253	197	143	414	271
2014-15	238	238	295	407	228	169	112	393	281
2015-16	218	218	278	384	191	166	106	379	273
2016-17	232	232	257	369	178	137	112	370	258
2017-18	230	230	271	353	166	123	82	332	250
2018-19	225	225	268	331	142	106	63	287	224
2019-20	227	227	263	344	154	117	81	269	188
2020-21	228	228	265	341	152	113	76	252	176

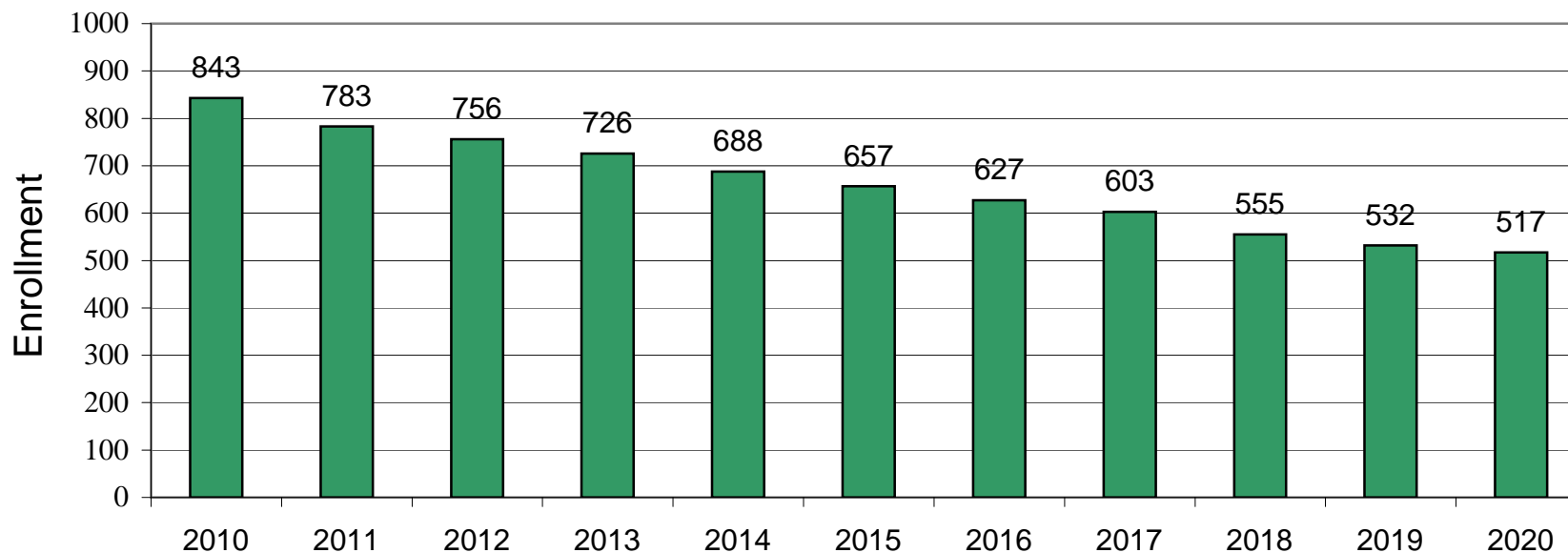
Projected Percentage Changes			
Years	K-12	Diff.	%
2010-11	843	0	0.0%
2011-12	783	-60	-7.1%
2012-13	756	-27	-3.4%
2013-14	726	-30	-4.0%
2014-15	688	-38	-5.2%
2015-16	657	-31	-4.5%
2016-17	627	-30	-4.6%
2017-18	603	-24	-3.8%
2018-19	555	-48	-8.0%
2019-20	532	-23	-4.1%
2020-21	517	-15	-2.8%
<b>K-12 Change</b>		<b>-326</b>	<b>-38.7%</b>

See "Reliability of Enrollment Projections" section of accompanying letter.

Projections are more reliable for Years 1-5 in the future than for Years 6 and beyond.

# Danville, NH Timberlane Projected Enrollment

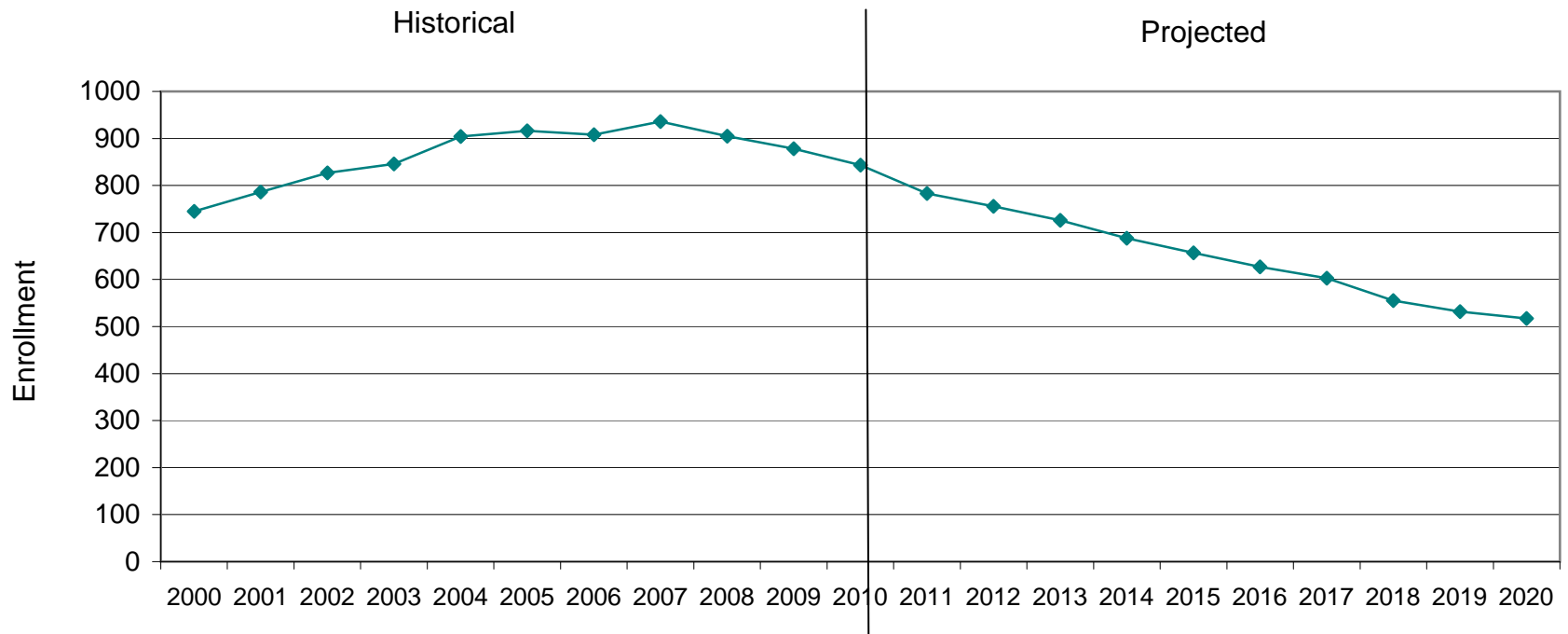
PK-12 TO 2020 Based On Data Through School Year 2010-11



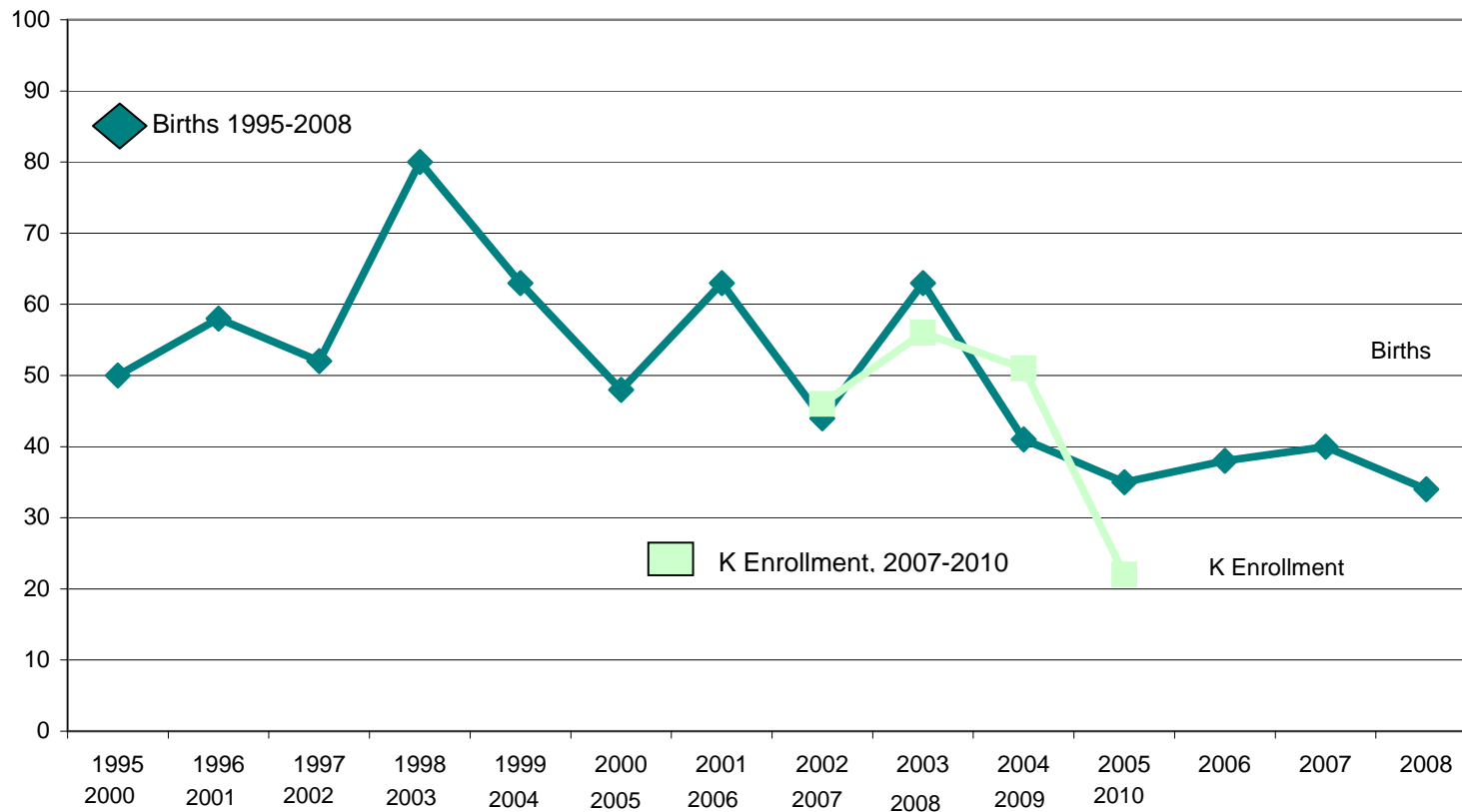


# Danville, NH Timberlane Historical & Projected Enrollment

PK-12, 2000-2020



# Danville, NH Birth-to-Kindergarten Relationship



# Danville, NH Timberlane Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2000	23	0
2006	4	
2007	12	
2008	0	0
2009	3	4
2010	6 to date	1 to date

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2000	0	0
2006-07	0	0
2007-08	0	0
2008-09	0	0
2009-10	0	0
2010-11	0	0

Source: HUD and Building Department

Residents in Non-Public Independent and Parochial Schools (Regular Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

K-12 Home-Schooled Students	
2010	15

K-12 Residents Enrolled in Charter or Magnet Schools	
2010	0

K-12 SpEd Outplaced Students	
2010	6

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2010	1

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

# Plaistow, NH Timberlane Historical Enrollment

School District: Plaistow, NH Timberlane SAU#55

11/18/10

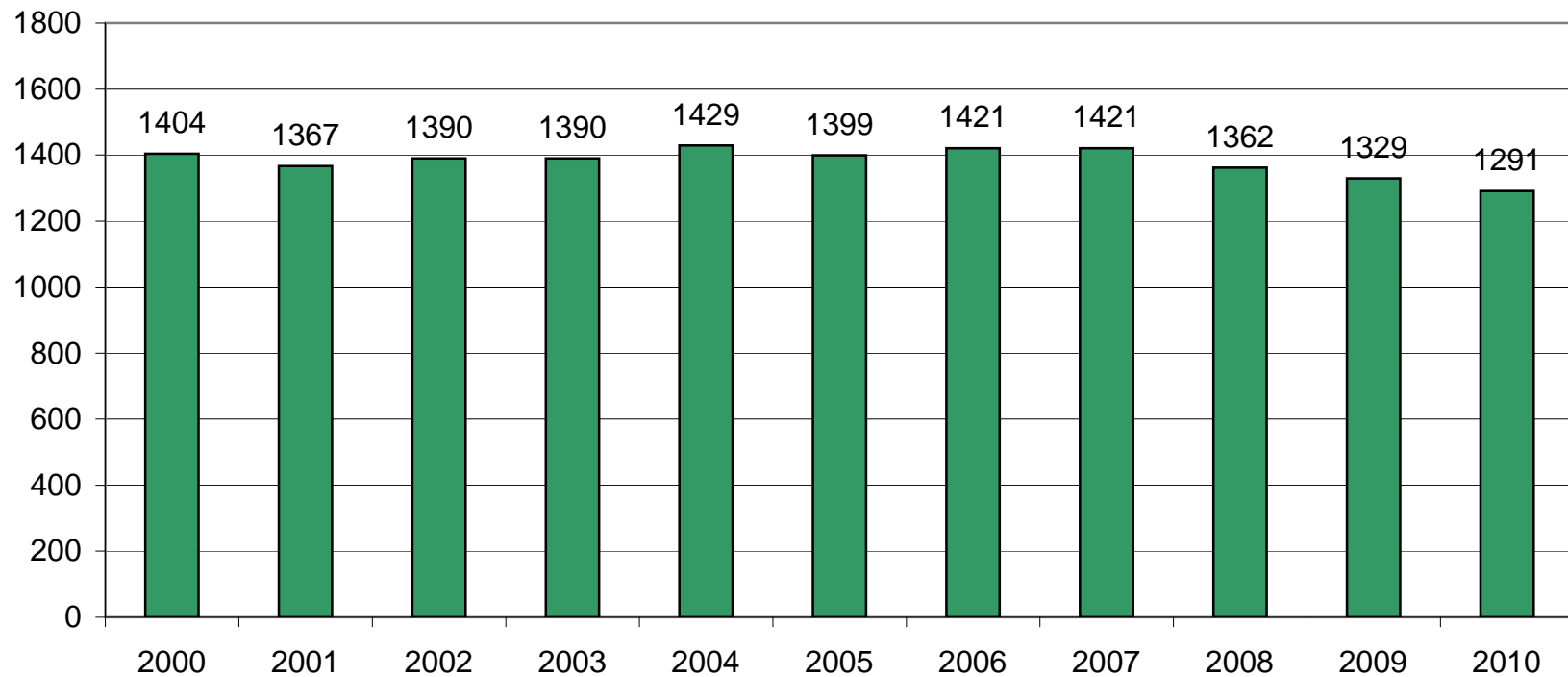
Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1995	113	2000-01	86	0	123	95	123	116	130	131	114	119	103	98	94	72	0	1318	1404
1996	110	2001-02	50	0	108	125	97	124	110	126	123	108	115	104	95	82	0	1317	1367
1997	120	2002-03	66	0	104	113	117	99	124	111	129	123	104	117	96	87	0	1324	1390
1998	96	2003-04	53	0	118	106	115	115	94	121	114	130	121	102	112	89	0	1337	1390
1999	91	2004-05	25	0	121	125	112	118	117	93	128	120	136	117	102	115	0	1404	1429
2000	91	2005-06	31	0	96	117	114	105	119	116	104	129	119	133	115	101	0	1368	1399
2001	89	2006-07	75	0	88	92	119	109	102	117	118	105	120	119	130	127	0	1346	1421
2002	96	2007-08	53	69	73	96	94	106	114	97	121	121	108	114	120	135	0	1368	1421
2003	81	2008-09	47	72	79	67	87	91	104	114	100	122	125	114	115	125	0	1315	1362
2004	88	2009-10	47	75	89	78	68	85	92	113	120	104	118	120	106	114	0	1282	1329
2005	77	2010-11	45	69	84	89	77	71	89	89	112	121	98	121	120	106	0	1246	1291

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2000-01	673	587	718	951	494	364	233	600	367
2001-02	614	564	690	921	467	357	231	627	396
2002-03	623	557	668	920	487	363	252	656	404
2003-04	601	548	669	913	459	365	244	668	424
2004-05	618	593	686	934	458	341	248	718	470
2005-06	582	551	667	900	468	349	233	701	468
2006-07	585	510	627	850	442	340	223	719	496
2007-08	605	552	649	891	453	339	242	719	477
2008-09	547	500	614	836	440	336	222	701	479
2009-10	534	487	600	824	429	337	224	682	458
2010-11	524	479	568	801	411	322	233	678	445

Historical Percentage Changes			
Year	K-12	Diff.	%
2000-01	1318	0	0.0%
2001-02	1317	-1	-0.1%
2002-03	1324	7	0.5%
2003-04	1337	13	1.0%
2004-05	1404	67	5.0%
2005-06	1368	-36	-2.6%
2006-07	1346	-22	-1.6%
2007-08	1368	22	1.6%
2008-09	1315	-53	-3.9%
2009-10	1282	-33	-2.5%
2010-11	1246	-36	-2.8%
<b>K-12 Change</b>		<b>-72</b>	<b>-5.5%</b>

# Plaistow, NH Timberlane Historical Enrollment

**PK-12, 2000-2010**



# Plaistow, NH Timberlane Projected Enrollment

School District: Plaistow, NH Timberlane SAU#55

11/18/2010

Enrollment Projections By Grade*																				
Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	77		2010-11	45	69	84	89	77	71	89	89	112	121	98	121	120	106	0	1246	1291
2006	77		2011-12	46	68	81	84	87	77	72	89	91	114	119	99	119	121	0	1221	1267
2007	86		2012-13	47	76	79	81	83	87	78	72	91	93	112	120	97	120	0	1189	1236
2008	64		2013-14	48	56	89	79	80	83	88	78	74	93	91	113	118	98	0	1140	1188
2009	68		2014-15	49	60	65	89	78	80	84	88	80	75	91	92	111	119	0	1112	1161
2010	74	(est.)	2015-16	50	65	70	65	87	78	81	84	90	82	74	92	90	112	0	1070	1120
2011	74	(est.)	2016-17	51	65	76	70	64	87	79	81	86	92	80	75	90	91	0	1036	1087
2012	73	(est.)	2017-18	52	64	76	76	69	64	88	79	83	88	90	81	73	91	0	1022	1074
2013	71	(est.)	2018-19	53	62	75	76	75	69	65	88	81	85	86	91	79	74	0	1006	1059
2014	72	(est.)	2019-20	54	63	72	75	75	75	70	65	90	83	83	87	89	80	0	1007	1061
2015	73	(est.)	2020-21	55	64	74	72	74	75	76	70	67	92	81	84	85	90	0	1004	1059

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	524	479	568	801	411	322	233	678	445
2011-12	515	469	558	763	366	294	205	663	458
2012-13	531	484	556	740	334	256	184	633	449
2013-14	523	475	553	720	333	245	167	587	420
2014-15	505	456	544	699	327	243	155	568	413
2015-16	496	446	530	702	337	256	172	540	368
2016-17	492	441	522	700	338	259	178	514	336
2017-18	489	437	516	687	338	250	171	506	335
2018-19	475	422	510	676	319	254	166	496	330
2019-20	484	430	495	668	308	238	173	512	339
2020-21	490	435	505	664	305	229	159	499	340

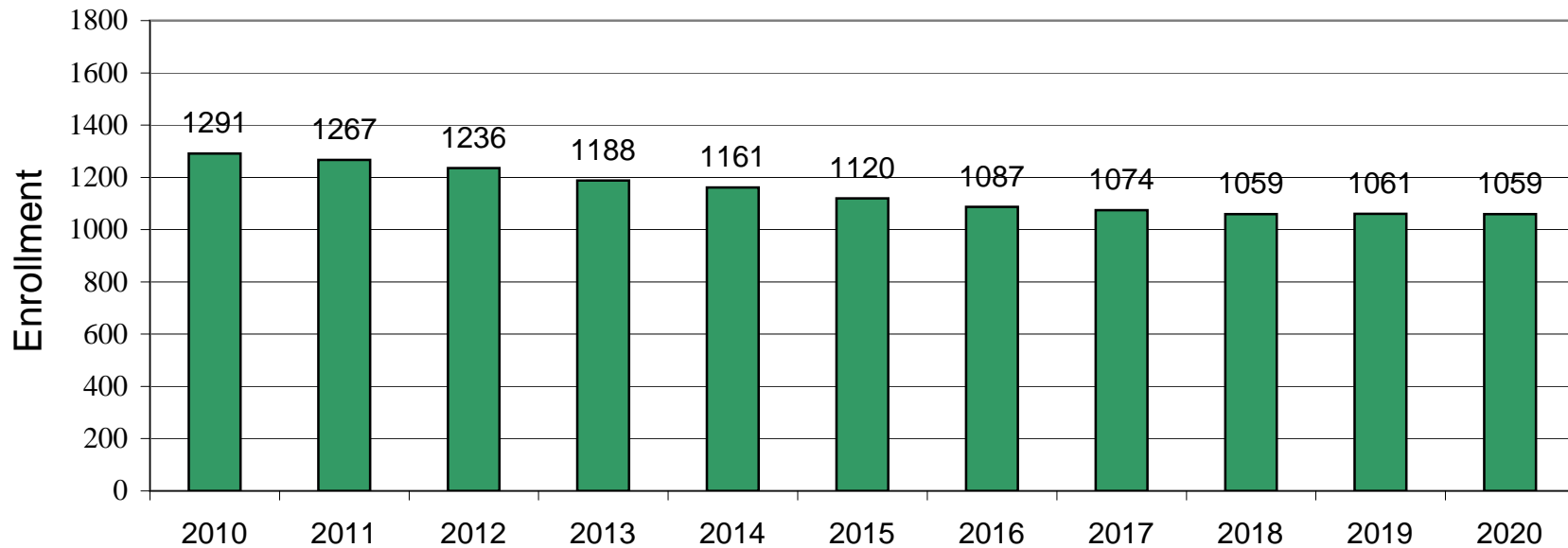
Projected Percentage Changes			
Years	K-12	Diff.	%
2010-11	1246	0	0.0%
2011-12	1221	-25	-2.0%
2012-13	1189	-32	-2.6%
2013-14	1140	-49	-4.1%
2014-15	1112	-28	-2.5%
2015-16	1070	-42	-3.8%
2016-17	1036	-34	-3.2%
2017-18	1022	-14	-1.4%
2018-19	1006	-16	-1.6%
2019-20	1007	1	0.1%
2020-21	1004	-3	-0.3%
<b>K-12 Change</b>		<b>-242</b>	<b>-19.4%</b>

See "Reliability of Enrollment Projections" section of accompanying letter.

Projections are more reliable for Years 1-5 in the future than for Years 6 and beyond.

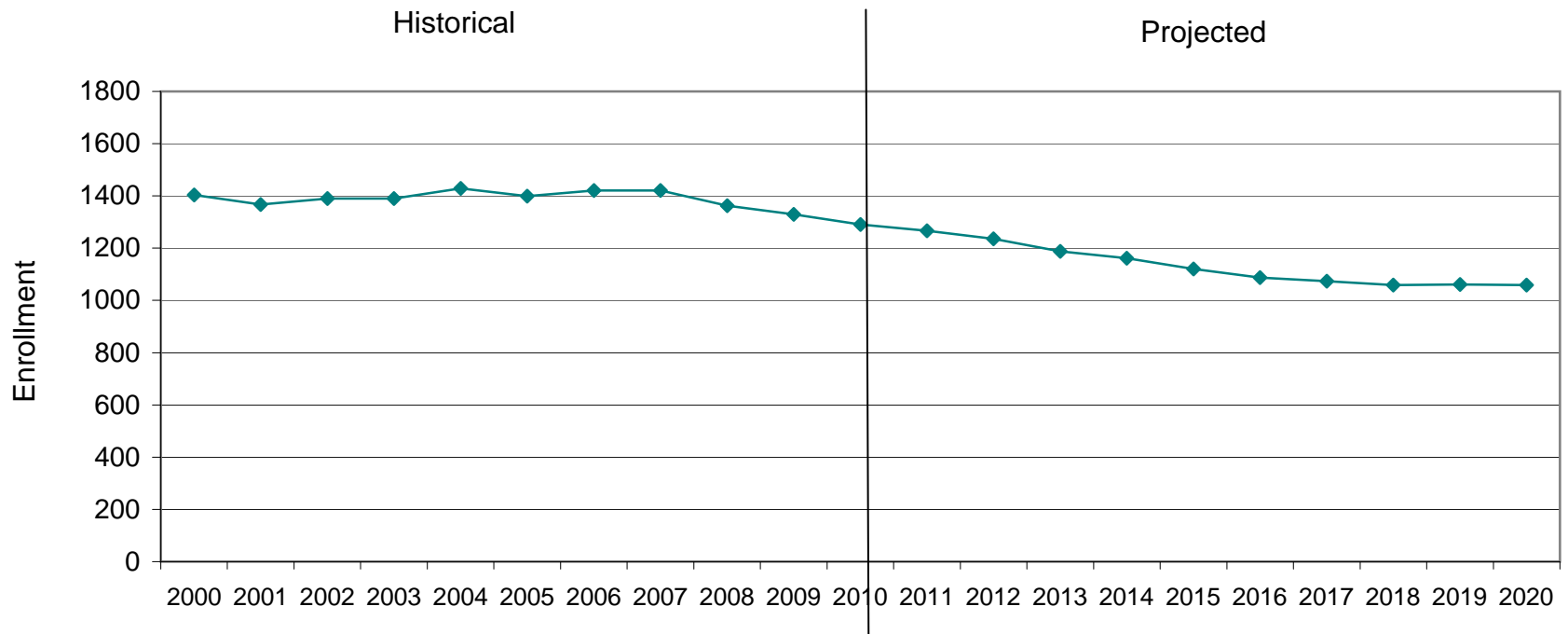
# Plaistow, NH Timberlane Projected Enrollment

PK-12 TO 2020 Based On Data Through School Year 2010-11



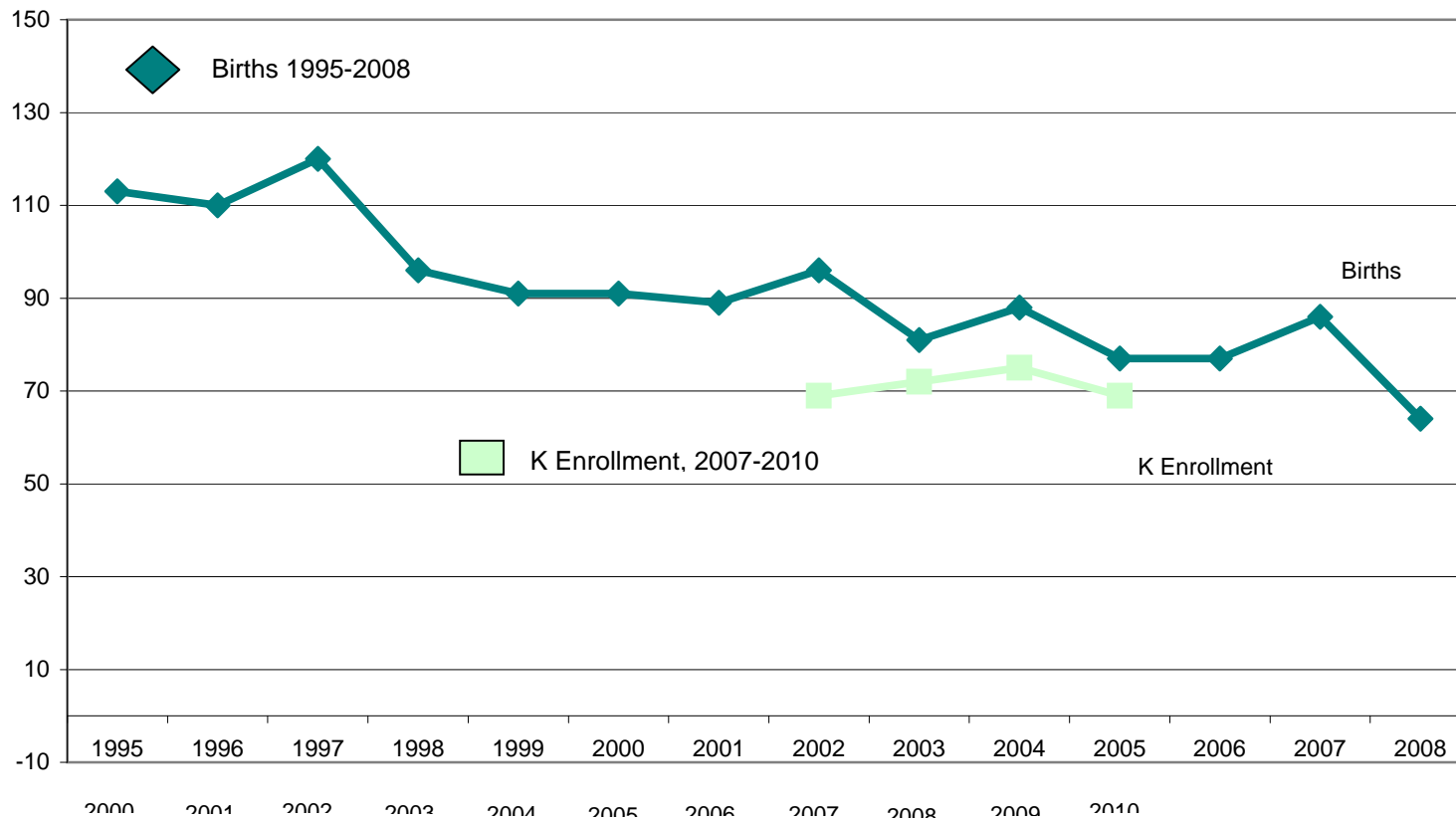
# Plaistow, NH Timberlane Historical & Projected Enrollment

**PK-12, 2000-2020**





# Plaistow, NH Birth-to-Kindergarten Relationship





# Plaistow, NH Timberlane Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2000	16	0
2006	3	
2007	2	0
2008	0	0
2009	0	0
2010	0	0

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2000-01	0	0
2006-07	0	0
2007-08	0	0
2008-09	0	0
2009-10	0	0
2010-11	0	0

Source: HUD and Building Department

Residents in Non-Public Independent and Parochial Schools (Regular Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

K-12 Home-Schooled Students	
2010	29

K-12 Residents Enrolled in Charter or Magnet Schools	
2010	0

K-12 SpEd Outplaced Students	
2010	4

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2010	12

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

# Sandown, NH Timberlane Historical Enrollment

School District: Sandown, NH Timberlane SAU#55

11/18/10

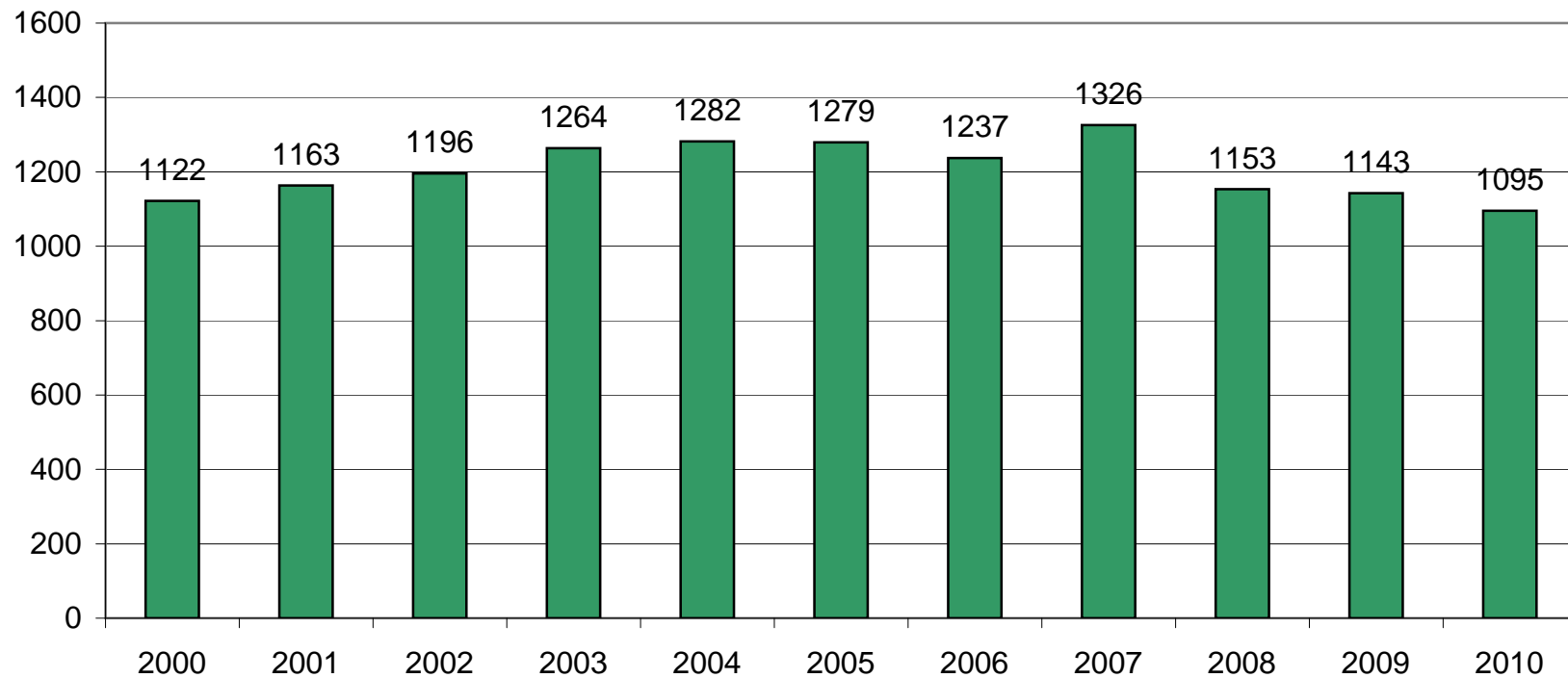
Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1995	74	2000-01	0	71	90	99	95	118	91	81	94	100	73	78	66	66	0	1122	1122
1996	76	2001-02	0	90	75	87	102	98	117	96	90	101	98	69	70	70	0	1163	1163
1997	85	2002-03	0	82	94	75	93	105	98	113	96	94	101	97	74	74	0	1196	1196
1998	74	2003-04	0	85	84	102	78	91	110	100	121	96	97	104	98	98	0	1264	1264
1999	63	2004-05	0	84	81	89	105	78	102	112	98	124	98	101	105	105	0	1282	1282
2000	84	2005-06	0	88	84	83	88	104	83	97	114	103	124	99	106	106	0	1279	1279
2001	65	2006-07	0	67	87	79	82	89	100	81	95	110	112	123	106	106	0	1237	1237
2002	72	2007-08	58	83	77	89	83	84	96	102	89	100	113	104	124	124	0	1268	1326
2003	67	2008-09	0	67	80	83	76	85	79	87	96	97	90	95	108	110	0	1153	1153
2004	65	2009-10	0	57	76	89	85	76	91	76	87	95	105	88	104	114	0	1143	1143
2005	79	2010-11	0	65	69	74	81	84	80	96	75	85	96	103	86	101	0	1095	1095

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2000-01	564	564	645	839	366	275	194	477	283
2001-02	569	569	665	856	404	287	191	498	307
2002-03	547	547	660	850	401	303	190	536	346
2003-04	550	550	650	867	427	317	217	614	397
2004-05	539	539	651	873	436	334	222	631	409
2005-06	530	530	627	844	397	314	217	652	435
2006-07	504	504	585	790	386	286	205	652	447
2007-08	570	512	614	803	387	291	189	654	465
2008-09	470	470	557	750	359	280	193	596	403
2009-10	474	474	550	732	349	258	182	593	411
2010-11	453	453	549	709	336	256	160	546	386

Historical Percentage Changes			
Year	K-12	Diff.	%
2000-01	1122	0	0.0%
2001-02	1163	41	3.7%
2002-03	1196	33	2.8%
2003-04	1264	68	5.7%
2004-05	1282	18	1.4%
2005-06	1279	-3	-0.2%
2006-07	1237	-42	-3.3%
2007-08	1268	31	2.5%
2008-09	1153	-115	-9.1%
2009-10	1143	-10	-0.9%
2010-11	1095	-48	-4.2%
<b>K-12 Change</b>		<b>-27</b>	<b>-2.4%</b>

# Sandown, NH Timberlane Historical Enrollment

PK-12, 2000-2010



# Sandown, NH Timberlane Projected Enrollment

School District: Sandown, NH Timberlane SAU#55

11/18/2010

Enrollment Projections By Grade*																				
Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	79		2010-11	0	65	69	74	81	84	80	96	75	85	96	103	86	101	0	1095	1095
2006	73		2011-12	0	66	72	72	70	81	87	79	95	76	85	90	107	88	0	1068	1068
2007	72		2012-13	0	65	73	76	68	70	83	86	78	97	76	79	93	109	0	1053	1053
2008	58		2013-14	0	52	72	77	72	68	72	82	85	79	97	71	82	95	0	1004	1004
2009	41		2014-15	0	37	57	76	73	72	70	71	81	87	79	91	74	84	0	952	952
2010	65	(est.)	2015-16	0	58	41	60	72	73	74	69	70	83	87	74	94	76	0	931	931
2011	62	(est.)	2016-17	0	56	64	43	57	72	75	73	68	71	83	81	77	96	0	916	916
2012	59	(est.)	2017-18	0	54	62	67	41	57	74	74	72	69	71	77	84	79	0	881	881
2013	57	(est.)	2018-19	0	51	60	65	64	41	59	73	73	73	69	66	80	86	0	860	860
2014	57	(est.)	2019-20	0	51	56	63	62	64	42	58	72	74	73	64	68	82	0	829	829
2015	60	(est.)	2020-21	0	54	56	59	60	62	66	41	57	73	74	68	66	69	0	805	805

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	453	453	549	709	336	256	160	546	386
2011-12	448	448	527	698	337	250	171	541	370
2012-13	435	435	521	696	344	261	175	532	357
2013-14	413	413	495	659	318	246	164	509	345
2014-15	385	385	456	624	309	239	168	496	328
2015-16	378	378	447	600	296	222	153	484	331
2016-17	367	367	440	579	287	212	139	476	337
2017-18	355	355	429	570	289	215	141	452	311
2018-19	340	340	413	559	278	219	146	447	301
2019-20	338	338	396	542	246	204	146	433	287
2020-21	357	357	398	528	237	171	130	407	277

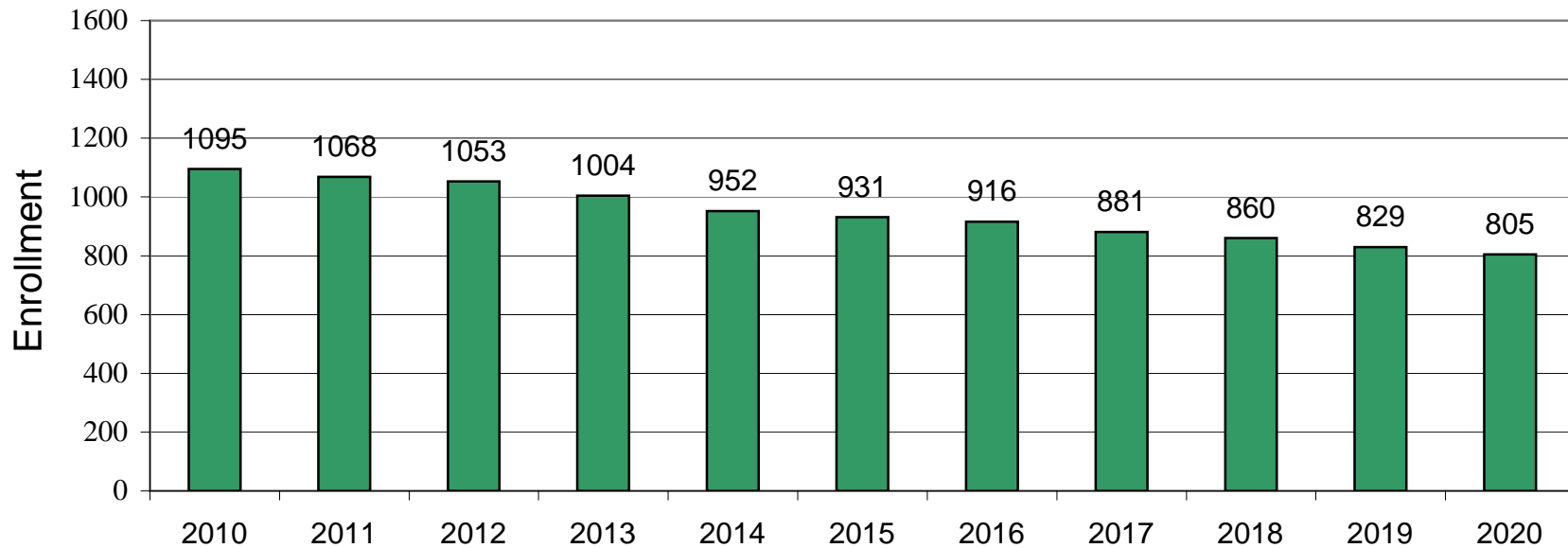
Projected Percentage Changes			
Years	K-12	Diff.	%
2010-11	1095	0	0.0%
2011-12	1068	-27	-2.5%
2012-13	1053	-15	-1.4%
2013-14	1004	-49	-4.7%
2014-15	952	-52	-5.2%
2015-16	931	-21	-2.2%
2016-17	916	-15	-1.6%
2017-18	881	-35	-3.8%
2018-19	860	-21	-2.4%
2019-20	829	-31	-3.6%
2020-21	805	-24	-2.9%
<b>K-12 Change</b>		<b>-290</b>	<b>-26.5%</b>

See "Reliability of Enrollment Projections" section of accompanying letter.

Projections are more reliable for Years 1-5 in the future than for Years 6 and beyond.

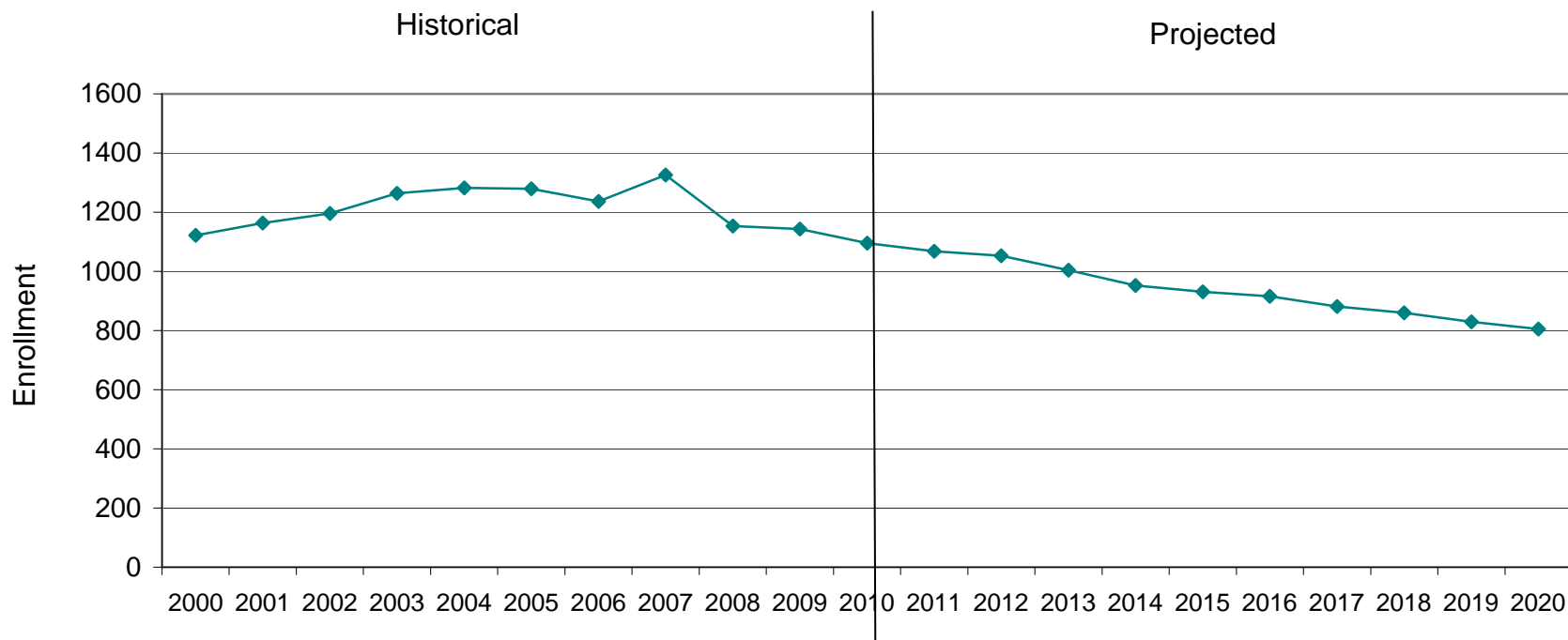
# Sandown, NH Timberlane Projected Enrollment

PK-12 TO 2020 Based On Data Through School Year 2010-11

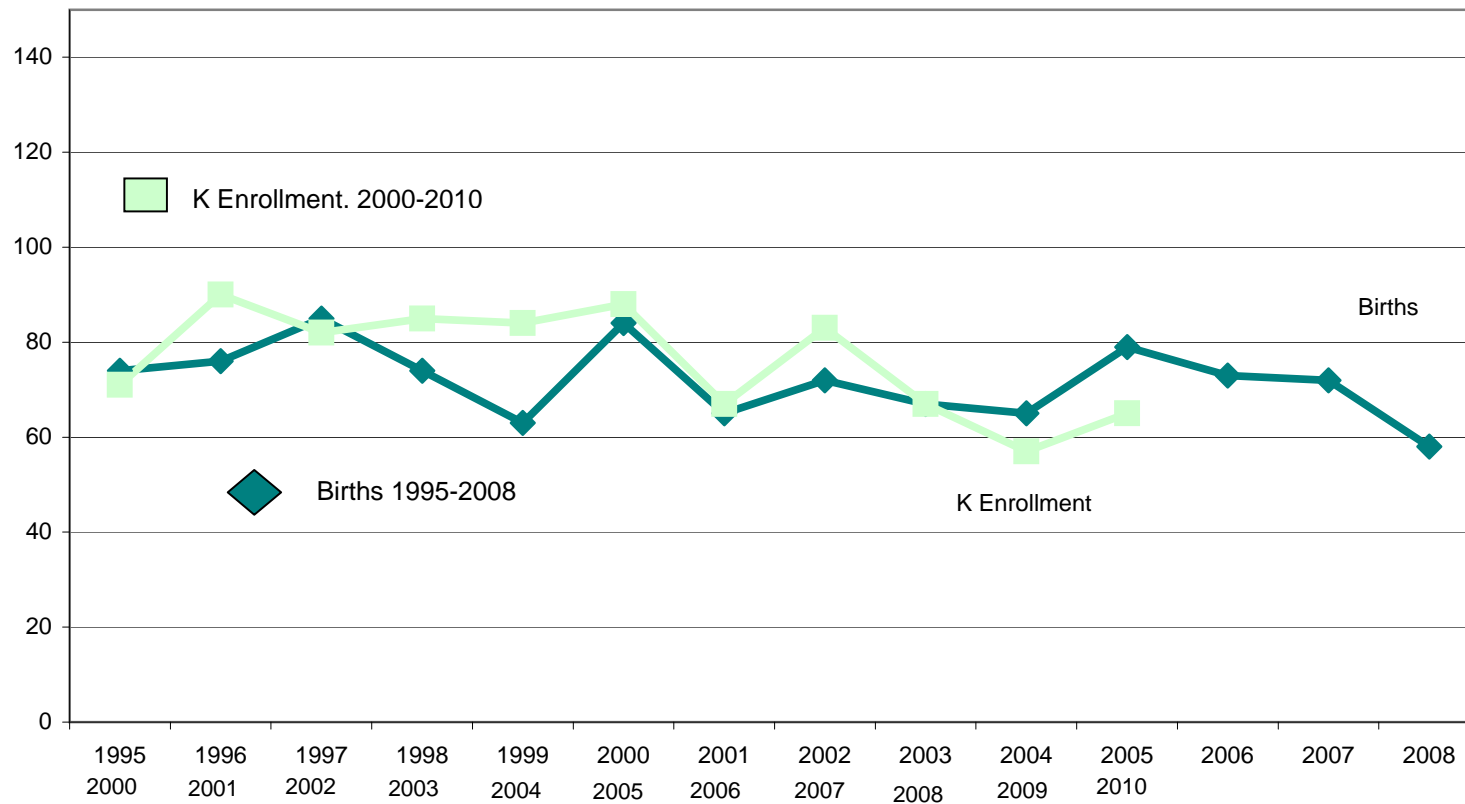


# Sandown, NH Timberlane Historical & Projected Enrollment

### PK-12, 2000-2020



# Sandown, NH Birth-to-Kindergarten Relationship





# Sandown, NH Timberlane #55 Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2000	17	0
2006	19	0
2007	29	0
2008	9	0
2009	19	0
2010	26 to date	0

Source: HUD and Building Department

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2000	0	0
2006-07	0	0
2007-08	0	0
2008-09	0	0
2009-10	0	0
2010-11	0	0

Residents in Non-Public Independent and Parochial Schools (Regular Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

K-12 Home-Schooled Students	
2010	17

K-12 Residents Enrolled in Charter or Magnet Schools	
2010	0

K-12 SpEd Outplaced Students	
2010	7

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2010	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.