

# **FRANKLIN PUBLIC SCHOOLS ENROLLMENT PROJECTIONS**

## **INTRODUCTION**

Enrollment forecasting and demographic analysis are two of the basic components utilized in school planning and construction. Forecasting is the projection of specified future events within a certain time frame based upon available, if often incomplete, information. The future event in this case being long-range student enrollments in the Franklin Public Schools.

Demographic analysis is the process used to examine the environmental context of the school district that may affect student enrollment. As in most cases birth data, in-out migration, rate of building, available building lots and future development are all instrumental in establishing the demographics of a community.

The cohort survival method is the basic method utilized in this projection to analyze enrollment trends and subsequent results. It is the most frequently utilized method of enrollment forecasting. In the cohort survival method, the number of students is calculated based on the survival rates of students as they move from one grade to the next and is upgraded as actual enrollment data becomes available. The result is a linear forecast projected from the last data point. The cohort survival technique of forecasting provides a limited assessment of future enrollments, but when combined with the demographic data noted above, together they provide a more balanced and accurate projection of anticipated enrollments.

To accomplish this we reviewed data and spoke to Town and School Officials who supplied data that enabled us to draw significant conclusions relative to future school enrollments and school space needs in the Franklin. The accuracy of these projections can only be determined by comparing them with actual enrollments as the future evolves.

Merrimack Education Center  
 Long Range Enrollment Projections  
 For the Franklin Public Schools  
 May 8, 2006

**Table VI**  
**FRANKLIN SCHOOL ENROLLMENTS (cohort survival only)**

Year	PreK	Kind	Gr. 1	Gr. 2	Gr. 3	Gr. 4	Actual					Gr. 10	Gr. 11	Gr. 12	Total	
							Gr. 5	Gr. 6	Gr. 7	Gr. 8	Gr.9					
1989-90	26	311	286	306	264	280	254	257	251	240	206	223	193	222	3319	
1990-91	31	368	325	290	311	275	293	260	258	250	204	198	228	200	3491	
1991-92	56	358	388	322	292	313	272	302	265	249	223	197	184	229	3650	
1992-93	72	378	386	376	326	293	318	276	296	258	201	202	196	187	3765	
1993-94	80	384	403	386	387	330	293	321	274	298	220	196	210	197	3979	
1994-95	76	413	427	398	391	390	340	301	337	280	254	207	209	199	4222	
1995-96	87	456	404	413	383	376	389	338	298	341	270	236	207	200	4398	
1996-97	92	445	484	405	420	402	383	395	349	313	307	226	228	196	4645	
1997-98	84	480	457	487	410	426	406	390	385	345	262	268	228	227	4855	
1998-99	104	504	483	452	481	413	426	401	382	383	272	259	261	209	5030	
1999-00	119	486	491	480	452	471	420	411	396	376	322	270	248	240	5182	
2000-01	162	545	471	482	488	436	476	423	402	393	311	322	265	239	5415	
2001-02	156	501	553	471	483	479	434	489	428	398	335	306	320	256	5609	
2002-03	155	477	500	534	468	476	469	426	468	426	371	330	295	316	5711	
2003-04	156	507	480	494	542	458	478	472	416	470	382	360	318	293	5826	
2004-05	211	461	489	484	487	541	468	486	467	420	415	372	363	303	5967	
2005-06	196	517	476	493	484	499	539	479	487	476	382	398	359	351	6136	
							Projected									
2006-07	185	557	518	476	493	484	502	548	474	492	427	370	390	349	6265	
2007-08	187	535	558	519	476	493	487	510	542	479	441	413	362	379	6381	
2008-09	191	553	536	559	519	476	496	495	504	548	430	427	404	352	6490	
2009-10	191	552	563	537	562	520	479	504	490	510	492	416	418	392	6626	
2010-11	188	552	553	553	537	565	524	487	498	495	457	476	407	406	6698	
2011-12	189	544	553	554	556	538	574	532	482	503	444	442	466	395	6772	
2012-13	188	547	545	554	554	549	542	583	526	487	451	430	433	452	6841	
2013-14	186	544	548	546	554	555	546	551	577	532	457	437	428	420	6881	
2014-15	186	538	545	549	546	555	559	544	545	583	477	450	428	419	6924	
2015-16	184	538	539	546	549	547	559	568	538	551	523	462	434	416	6954	

- Notes: 1) Enroll. data 1990-91 through 01-02 obtained from information submitted by the Franklin Public Schools to the DOE a/o Oct.1  
 2) From 2002-03 through 2004-05 enrollment data is from the DOE Student Information Management System  
 3) Enrollment data for 2005-06 supplied by the Franklin Public Schools

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**Table VI (cont'd.)**  
**FRANKLIN SCHOOL ENROLLMENTS (cont'd.) (cohort survival only)**

Year	Actual			Total	Chng. Yr./Yr.	%Chng.Yr./Yr.
	PK-5	MS 6 - 8	HS 9 - 12			
1989-90	1727	748	844	3319		
1990-91	1893	768	830	3491	172	5.18%
1991-92	2001	816	833	3650	159	4.55%
1992-93	2149	830	786	3765	115	3.15%
1993-94	2263	893	823	3979	214	5.68%
1994-95	2435	918	869	4222	243	6.11%
1995-96	2508	977	913	4398	176	4.17%
1996-97	2631	1057	957	4645	247	5.62%
1997-98	2750	1120	985	4855	210	4.52%
1998-99	2863	1166	1001	5030	175	3.60%
1999-00	2919	1183	1080	5182	152	3.02%
2000-01	3060	1218	1137	5415	233	4.50%
2001-02	3077	1315	1217	5609	194	3.58%
2002-03	3079	1320	1312	5711	102	1.82%
2003-04	3115	1358	1353	5826	115	2.01%
2004-05	3141	1373	1453	5967	141	2.42%
2005-06	3204	1442	1490	6136	169	2.83%
			<b>Projected</b>			
2006-07	3215	1514	1536	6265	129	2.10%
2007-08	3255	1531	1595	6381	116	1.85%
2008-09	3330	1547	1613	6490	109	1.71%
2009-10	3404	1504	1718	6626	136	2.10%
2010-11	3472	1480	1746	6698	72	1.09%
2011-12	3508	1517	1747	6772	74	1.10%
2012-13	3479	1596	1766	6841	69	1.02%
2013-14	3479	1660	1742	6881	40	0.58%
2014-15	3478	1672	1774	6924	43	0.62%
2015-16	3462	1657	1835	6954	30	0.43%