



HOPKINTON, MASSACHUSETTS

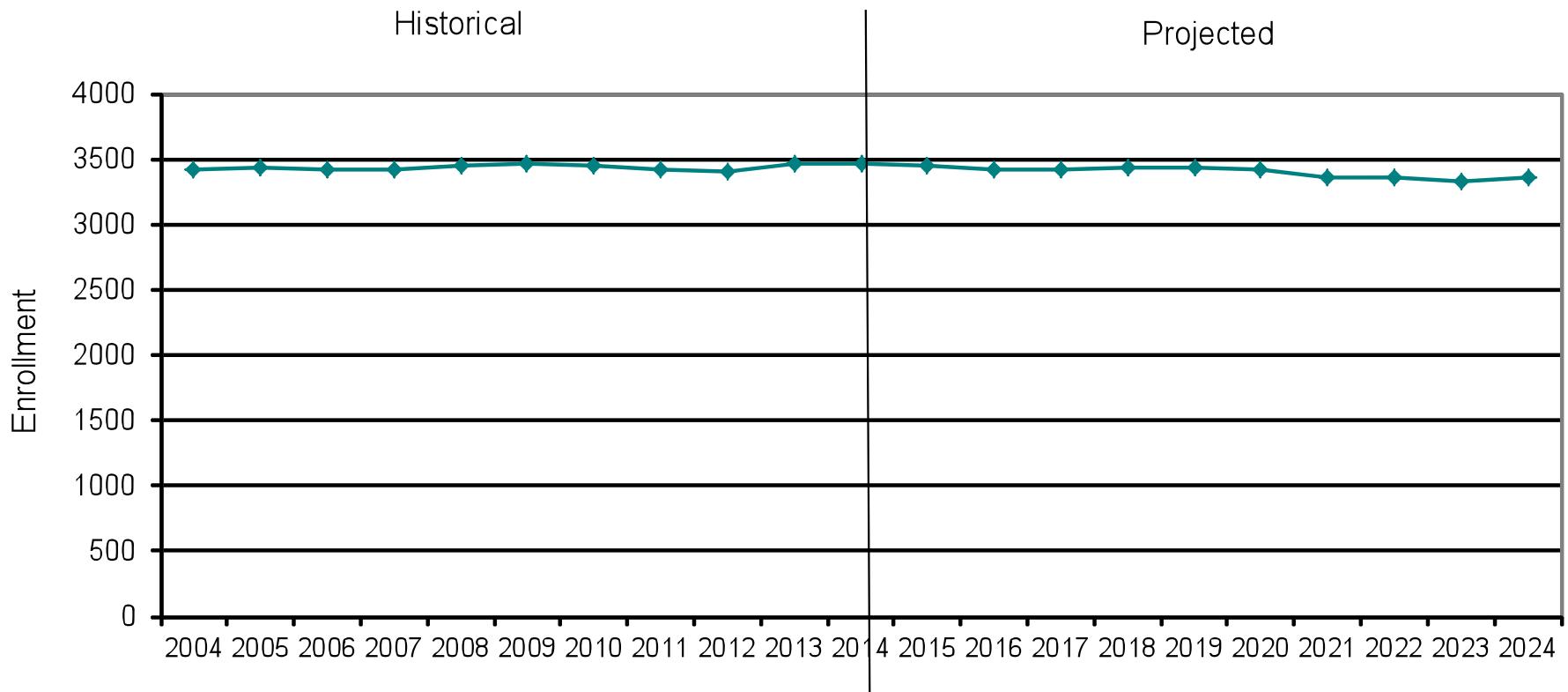
Enrollment Projections

Donald G. Kennedy, Ed.D.

November 13, 2014

Hopkinton, MA Historical & Projected Enrollment

PK-12, 2004-2024



ASSUMPTIONS FOR PROJECTIONS

- “NET MOVE-IN’S” TO KINDERGARTEN WILL AGAIN RISE INTO THE 50 - 70 RANGE
- IN-MIGRATION IS RETURNING TO LEVELS EXPERIENCED A DECADE AGO
- BIRTHS EVENTUALLY WILL INCREASE AS IN-MIGRATION OF NEW FAMILIES OCCURS
- QUALITY OF LIFE IN HOPKINTON AND ITS SCHOOLS CONTINUE AS A MAJOR “DRAW”
- NOTE: TEN-YEAR PROJECTION MAY BE EXCEEDED, PROVIDED THE ECONOMIC RECOVERY IS SUSTAINED

Hopkinton, MA Historical Enrollment

School District: Hopkinton, MA Provisional "mid-range"

10/25/2014

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
1999	200	2004-05	67	227	296	297	300	267	281	277	271	244	252	213	227	203	0	3355	3422
2000	227	2005-06	68	233	244	294	299	305	263	283	271	269	231	246	206	226	0	3370	3438
2001	233	2006-07	66	233	256	239	298	296	298	261	278	271	254	226	242	202	0	3354	3420
2002	222	2007-08	52	233	245	258	242	297	291	293	262	275	251	260	226	240	0	3373	3425
2003	215	2008-09	61	231	250	249	269	252	297	283	295	263	256	258	262	226	0	3391	3452
2004	180	2009-10	64	199	274	253	255	273	254	287	282	293	249	264	254	261	0	3398	3462
2005	182	2010-11	51	231	228	284	254	261	276	250	290	282	288	244	257	258	0	3403	3454
2006	172	2011-12	48	179	248	234	298	257	266	268	252	295	270	290	237	272	0	3366	3414
2007	166	2012-13	46	200	200	259	245	305	260	261	264	258	294	286	289	244	0	3365	3411
2008	138	2013-14	54	192	225	214	266	255	305	265	261	274	268	294	286	300	0	3405	3459
2009	133	2014-15	48	216	227	241	224	274	266	307	271	267	266	268	293	294	0	3414	3462

Historical Enrollment in Grade Combinations									
Year	K-1	2-3	4-5	K-5	K-8	6-8	7-8	7-12	9-12
2004-05	523	597	548	1668	2460	792	515	1410	895
2005-06	477	593	568	1638	2461	823	540	1449	909
2006-07	489	537	594	1620	2430	810	549	1473	924
2007-08	478	500	588	1566	2396	830	537	1514	977
2008-09	481	518	549	1548	2389	841	558	1560	1002
2009-10	473	508	527	1508	2370	862	575	1603	1028
2010-11	459	538	537	1534	2356	822	572	1619	1047
2011-12	427	532	523	1482	2297	815	547	1616	1069
2012-13	400	504	565	1469	2252	783	522	1635	1113
2013-14	417	480	560	1457	2257	800	535	1683	1148
2014-15	443	465	540	1448	2293	845	538	1659	1121

Historical Percentage Changes			
Year	K-12	Diff.	%
2004-05	3355	0	0.0%
2005-06	3370	15	0.4%
2006-07	3354	-16	-0.5%
2007-08	3373	19	0.6%
2008-09	3391	18	0.5%
2009-10	3398	7	0.2%
2010-11	3403	5	0.1%
2011-12	3366	-37	-1.1%
2012-13	3365	-1	0.0%
2013-14	3405	40	1.2%
2014-15	3414	9	0.3%
Change		59	1.8%

Hopkinton, MA Projected Enrollment

School District: Hopkinton, MA Provisional "mid-range"

10/25/2014

See also "Provisional high-side"

Enrollment Projections 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
2009	133		2014-15	48	216	227	241	224	274	266	307	271	267	266	268	293	294	0	3414	3462
2010	119		2015-16	50	180	248	241	251	231	279	267	308	279	268	271	267	302	0	3392	3442
2011	124		2016-17	52	187	207	263	251	259	235	280	268	317	280	273	270	276	0	3366	3418
2012	127		2017-18	54	192	215	220	274	259	264	236	281	276	318	286	272	279	0	3372	3426
2013	128	(est.)	2018-19	56	194	221	228	229	283	264	265	237	289	277	324	285	281	0	3377	3433
2014	126	(est.)	2019-20	58	191	223	235	237	236	288	265	266	244	290	282	323	294	0	3374	3432
2015	125	(est.)	2020-21	60	189	220	237	244	244	240	289	266	274	245	296	281	333	0	3358	3418
2016	126	(est.)	2021-22	62	190	217	234	247	252	248	241	290	274	275	250	295	290	0	3303	3365
2017	126	(est.)	2022-23	64	191	219	230	243	255	257	249	242	298	275	280	249	304	0	3292	3356
2018	126	(est.)	2023-24	66	191	220	233	239	251	260	258	250	249	299	280	279	257	0	3266	3332
2019	126	(est.)	2024-25	68	190	220	234	242	247	256	261	259	257	250	305	279	288	0	3288	3356

*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	K-1	2-3	4-5	K-5	K-8	6-8	7-8	7-12	9-12
2014-15	443	465	540	1448	2293	845	538	1659	1121
2015-16	428	492	510	1430	2284	854	587	1695	1108
2016-17	394	514	494	1402	2267	865	585	1684	1099
2017-18	407	494	523	1424	2217	793	557	1712	1155
2018-19	415	457	547	1419	2210	791	526	1693	1167
2019-20	414	472	524	1410	2185	775	510	1699	1189
2020-21	409	481	484	1374	2203	829	540	1695	1155
2021-22	407	481	500	1388	2193	805	564	1674	1110
2022-23	410	473	512	1395	2184	789	540	1648	1108
2023-24	411	472	511	1394	2151	757	499	1614	1115
2024-25	410	476	503	1389	2166	777	516	1638	1122

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.

Projected Percentage Changes			
Year	K-12	Diff.	%
2014-15	3414	0	0.0%
2015-16	3392	-22	-0.6%
2016-17	3366	-26	-0.8%
2017-18	3372	6	0.2%
2018-19	3377	5	0.1%
2019-20	3374	-3	-0.1%
2020-21	3358	-16	-0.5%
2021-22	3303	-55	-1.6%
2022-23	3292	-11	-0.3%
2023-24	3266	-26	-0.8%
2024-25	3288	22	0.7%
Change	-126	-3.7%	

Hopkinton, MA Projected Enrollment

School District: Hopkinton, MA Provisional "high-side"

See also "provisional mid-range"

10/25/2014

Enrollment Projections 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
2009	133		2014-15	48	216	227	241	224	274	266	307	271	267	266	268	293	294	0	3414	3462
2010	119		2015-16	50	188	248	241	251	231	279	267	308	279	268	271	267	302	0	3400	3450
2011	124		2016-17	52	196	216	263	251	259	235	280	268	317	280	273	270	276	0	3384	3436
2012	127		2017-18	54	201	225	229	274	259	264	236	281	276	318	286	272	279	0	3400	3454
2013	128	(est.)	2018-19	56	203	231	239	238	283	264	265	237	289	277	324	285	281	0	3416	3472
2014	126	(est.)	2019-20	58	199	233	245	249	245	288	265	266	244	290	282	323	294	0	3423	3481
2015	125	(est.)	2020-21	60	197	229	247	255	257	249	289	266	274	245	296	281	333	0	3418	3478
2016	126	(est.)	2021-22	62	199	227	243	257	263	262	250	290	274	275	250	295	290	0	3375	3437
2017	126	(est.)	2022-23	64	200	229	241	253	265	268	263	251	298	275	280	249	304	0	3376	3440
2018	126	(est.)	2023-24	66	200	230	243	251	261	270	269	264	258	299	280	279	257	0	3361	3427
2019	126	(est.)	2024-25	68	199	230	244	253	259	266	271	270	271	259	305	279	288	0	3394	3462

*Projections should be updated on an annual basis.

 Based on an estimate of births

 Based on children already born

 Based on students already enrolled

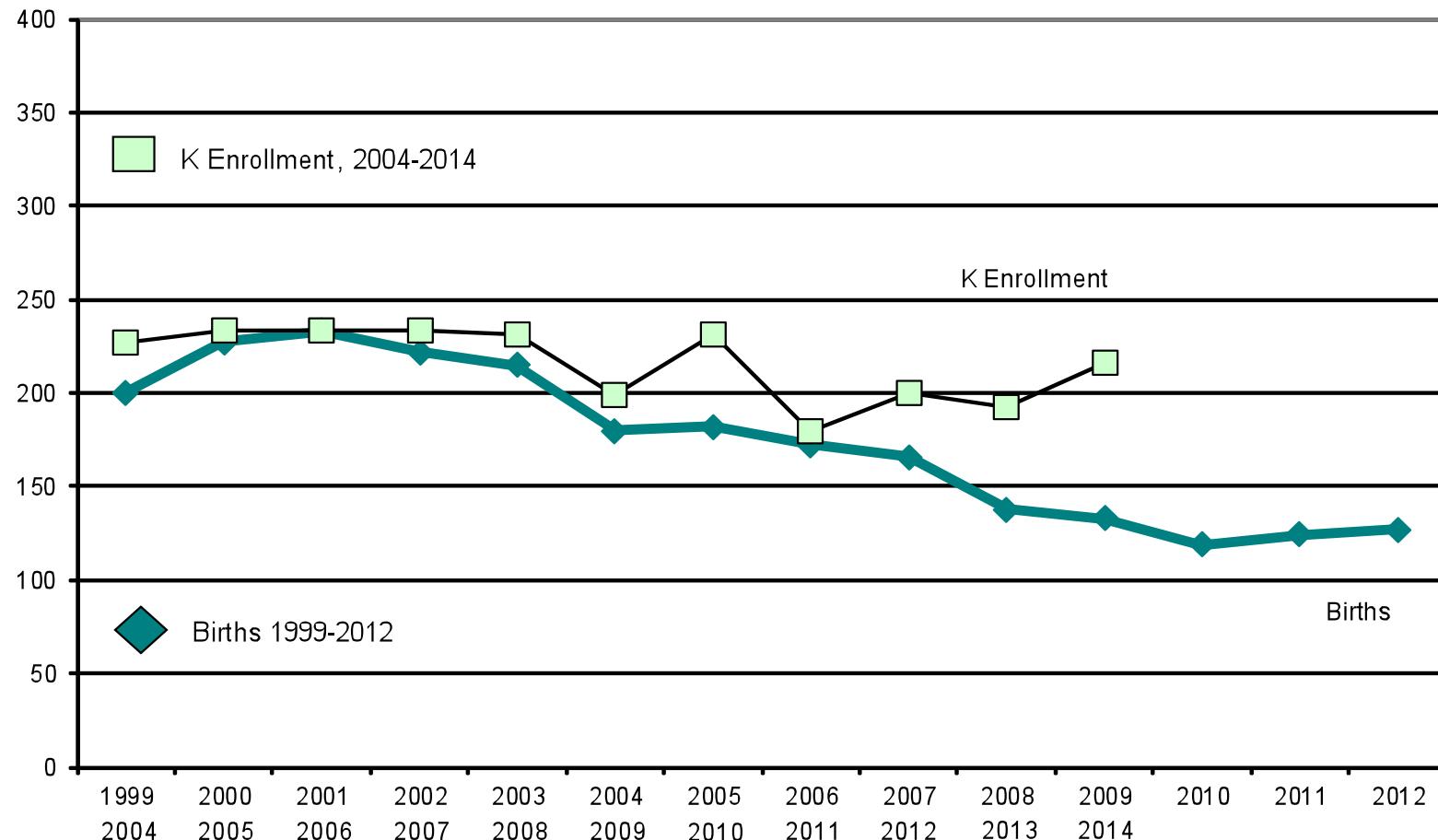
Projected Enrollment in Grade Combinations*									
Year	K-1	2-3	4-5	K-5	K-8	6-8	7-8	7-12	9-12
2014-15	443	465	540	1448	2293	845	538	1659	1121
2015-16	436	492	510	1438	2292	854	587	1695	1108
2016-17	412	514	494	1420	2285	865	585	1684	1099
2017-18	426	503	523	1452	2245	793	557	1712	1155
2018-19	434	477	547	1458	2249	791	526	1693	1167
2019-20	432	494	533	1459	2234	775	510	1699	1189
2020-21	426	502	506	1434	2263	829	540	1695	1155
2021-22	426	500	525	1451	2265	814	564	1674	1110
2022-23	429	494	533	1456	2268	812	549	1657	1108
2023-24	430	494	531	1455	2246	791	522	1637	1115
2024-25	429	497	525	1451	2263	812	541	1672	1131

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.

Projected Percentage Changes			
Year	K-12	Diff.	%
2014-15	3414	0	0.0%
2015-16	3400	-14	-0.4%
2016-17	3384	-16	-0.5%
2017-18	3400	16	0.5%
2018-19	3416	16	0.5%
2019-20	3423	7	0.2%
2020-21	3418	-5	-0.1%
2021-22	3375	-43	-1.3%
2022-23	3376	1	0.0%
2023-24	3361	-15	-0.4%
2024-25	3394	33	1.0%
Change		-20	-0.6%

Hopkinton, MA Birth-to-Kindergarten Relationship



38 Years of Hopkinton's Birth-to-Kindergarten Experience + 2015-16 Forecast

Birth Year	Hopkinton Births	Kind. Year	# in Kind.	Net "move-in's"	Birth-K Ratio	Birth Year	Hopkinton Births	Kind. Year	# in Kind.	Net "move-in's"	Birth-K Ratio
1972	78	1977-78	84	6	1.08	1991	144	1996-97	203	59	1.41
1973	91	1978-79	102	11	1.12	1992	185	1997-98	233	48	1.26
1974	76	1979-80	107	31	1.41	1993	197	1998-99	233	36	1.18
1975	70	1980-81	98	28	1.40	1994	203	1999-00	240	37	1.18
1976	84	1981-82	118	34	1.40	1995	195	2000-01	231	36	1.18
1977	89	1982-83	88	-1	0.99	1996	220	2001-02	250	30	1.14
1978	111	1983-84	124	13	1.12	1997	229	2002-03	271	42	1.18
1979	117	1984-85	116	-1	0.99	1998	215	2003-04	279	64	1.30
1980	104	1985-86	108	4	1.04	1999	200	2004-05	227	27	1.14
1981	123	1986-87	134	11	1.09	2000	227	2005-06	233	6	1.03
1982	132	1987-88	130	-2	0.98	2001	233	2006-07	233	0	1.00
1983	124	1988-89	150	26	1.21	2002	222	2007-08	233	11	1.05
1984	149	1989-90	168	19	1.13	2003	215	2008-09	231	16	1.07
1985	106	1990-91	161	55	1.52	2004	180	2009-10	199	19	1.11
1986	157	1991-92	154	-3	0.98	2005	182	2010-11	231	49	1.27
1987	143	1992-93	172	29	1.20	2006	172	2011-12	179	7	1.04
1988	162	1993-94	190	28	1.17	2007	166	2012-13	200	34	1.20
1989	149	1994-95	188	39	1.26	2008	138	2013-14	192	54	1.39
1990	191	1995-96	224	33	1.17	2009	133	2014-15	216	83	1.62
New England School Development Council											
11-13-2014											
2010 119 2015-16 180-188 61-69 1.51-1.58											

Hopkinton, MA Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	51	0
2010	37	16
2011	33	4
2012	36	74
2013	59	54
2014	72 to Aug 31	0

Source: HUD and Building Department

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2005-06	28	184
2010-11	29	165
2011-12	30	191
2012-13	29	178
2013-14	27	176
2014-15	20	167

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
9	11	7	8	3	12	4	14	18	24	19	16	22	167	

K-12 Home-Schooled Students	
2014	35

K-12 Residents "Choiced-out" or in Charter or Magnet Schools	
2014	28

K-12 Special Education Outplaced Students	
2014	26

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2014	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.



New England School Development Council

28 Lord Road, Marlborough, MA 01752 Tel: 508-481-9444 www.nesdec.org

HOW WE KNOW WHAT WE THINK WE KNOW:

HOPKINTON DEMOGRAPHIC DATA



Thank you to Elaine Lazarus, Judi Barrett,
and realtors for their kind cooperation

TABLE 3
AGE COHORT DATA - HOPKINTON

AGE	SIZE OF COHORT			MAPC
	1990	2000	2010	
0-4	828	1323	902	620
5-9	793	1391	1352	1034
10-14	639	1156	1576	1126
15-19	511	716	1188	1100
20-24	453	286	508	640
25-34	1566	1462	912	1334
35-44	2079	3074	2377	1939
45-54	1058	2154	3162	2520
55-59	327	545	1015	1465
60-64	275	322	755	1195
65+	662	917	1178	2167
TOTAL:	9,191	13,346	14,925	15,140

TABLE 6B

HOPKINTON BUILDING PERMITS

Year	Units		Year	Units		
	S-F	Multi-		S-F	Duplex	Multi-
1970	19	64	1993	152		10
1971	20	64	1994	190		
1972	80		1995	161		
1973	31		1996	103		
1974	35		1997	95		
1975	37		1998	159		
1976	59		1999	182		
1977	96		2000	129		
1978	105		2001	69		
1979	82		2002	65		
1980	55		2003	49		
1981	52		2004	78		
1982	43		2005	51		
1983	74		2006	51		
1984	86		2007	37		
1985	143		2008	29		
1986	176	36	2009	36		8
1987	175		2010	37	16	
1988	102	5	2011	33		4
1989	70	20	2012	36	2	72
1990	1		2013	11	4	41
1991	24	6	2014	59	10	44
1992	99	32	to Sep 30			

TABLE 6C

HOPKINTON HOUSING SALES

Year	# Single-Family	Median Sales Price Single-Family	# Condo Units
1993	280	\$220,000	54
1994	296	\$240,000	46
1995	216	\$280,000	46
1996	233	\$278,000	59
1997	216	\$275,000	51
1998	259	\$290,000	51
1999	361	\$380,000	47
2000	265	\$385,000	52
2001	203	\$430,000	32
2002	208	\$484,000	46
2003	189	\$475,000	28
2004	243	\$530,000	46
2005	242	\$559,000	44
2006	225	\$645,000	48
2007	207	\$585,000	45
2008	136	\$558,000	34
2009	152	\$485,000	31
2010	156	\$520,000	55
2011	150 (110)	\$519,000	37 (24)
2012	197 (159)	\$535,000	45 (29)
2013	193 (157)	\$520,000	71 (44)
2014	159 to Sep 30	\$550,000	75 to Sep 30

TABLE 7

NUMBER OF K-12 STUDENTS PER DWELLING UNIT

STATE OF MASSACHUSETTS:

	# OF HOUSING UNITS	PUBLIC K-12 ENROLLMENT	K-12 STUDENTS PER UNIT
1990	2,472,711	828,816	0.34
2000	2,621,989	959,655	0.37
2010	2,808,254	926,940	0.33

2010 Number of Households with individuals under 18: 784,853

2010 Percentage of Households with individuals under 18: 30.8%

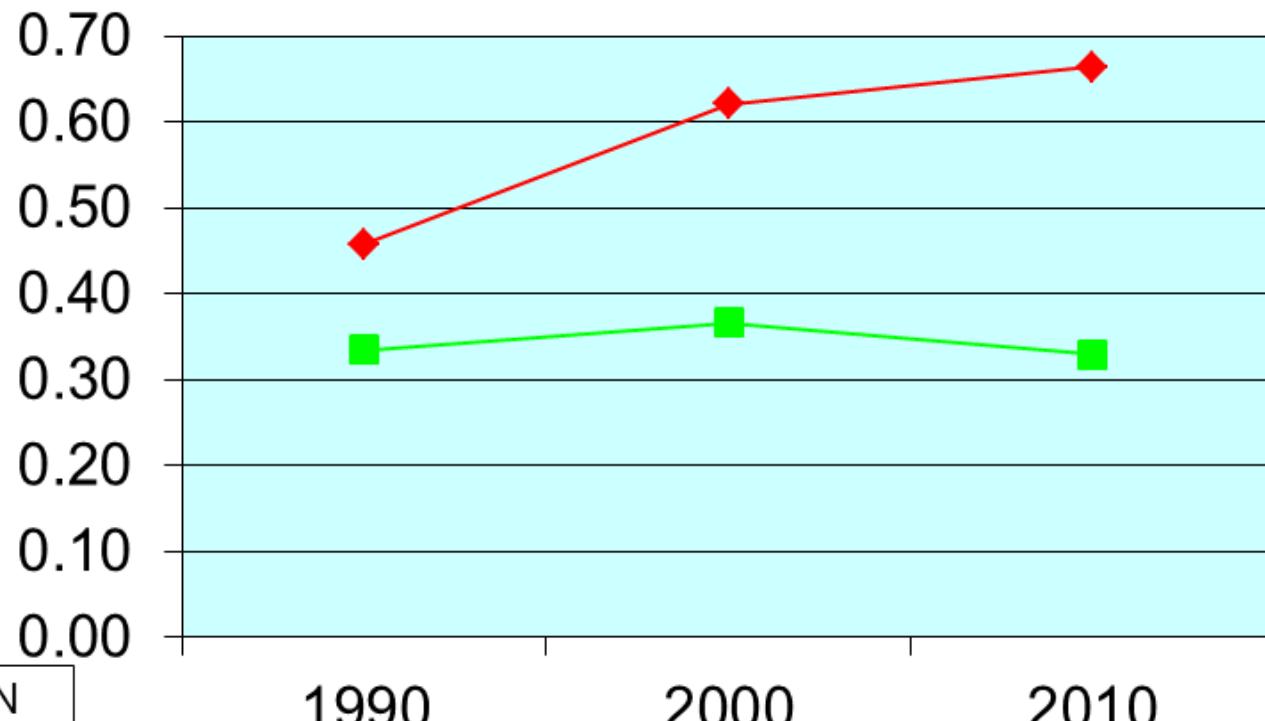
TOWN OF HOPKINTON:

	# OF HOUSING UNITS	PUBLIC K-12 ENROLLMENT	K-12 STUDENTS PER UNIT
1990	3,305	1,514	0.46
2000	4,548	2,825	0.62
2010	5,128	3,403	0.66

2010 Number of Households with individuals under 18: 2,449

2010 Percentage of Households with individuals under 18: 49.4%

K-12 PUBLIC SCHOOL STUDENTS PER HOPKINTON DWELLING UNIT



Hopkinton Variances: Projected v. Actual Enrollment in Kind. & Grades 1-12 total

School Year	Projected Kindergarten	Actual Enrol. Kindergarten	Proj-Actual Variance	Projected Grades 1-12	Actual Enrol. Grades 1-12	Proj-Actual Variance
1995-96	229	224	-5	1839	1816	-23
1996-97	173	203	30	2001	1930	-71
1997-98	231	233	2	2074	2069	-5
1998-99	248	233	-15	2216	2243	27
1999-00	252	240	-12	2383	2396	13
2000-01	230	231	1	2545	2586	41
2001-02	260	250	-10	2725	2727	2
2002-03	266	271	5	2890	2892	2
2003-04	254	279	25	3046	3023	-23
2004-05	240	227	-13	3205	3128	-77
2005-06	268	233	-35	3185	3137	-48
2006-07	240	233	-7	3167	3121	-46
2007-08	228	233	5	3149	3140	-9
2008-09	223	231	8	3121	3160	39
2009-10	187	199	12	3165	3199	34
2010-11	196	231	35	3147	3172	25
2011-12	218	179	-39	3161	3187	26
2012-13	189	200	11	3120	3165	45
2013-14	163	192	29	3173	3213	40
2014-15	187	216	29	3184	3198	14



New England School Development Council

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**BEST WISHES
FROM THE NESDEC
HOPKINTON TEAM**

dkennedy@nesdec.org

