

**2012-13 Enrollment Update**

# **Rye City School District**

**Enrollment Analysis  
and  
Enrollment Projections**

**2013 - 2022**

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November 2012

TABLE 1  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE  
 K-12 ENROLLMENT TRENDS 2007 - 2012

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
-----										
BIRTHS 5 YRS. PREVIOUS	227	236	231	216	221	232	208	199	175	198
-----										
GRADES										
K	232	261	236	227	237	247	249	249	247	242
1					248	229	260	267	264	263
2					247	236	228	268	269	262
3					272	259	227	245	273	273
4					259	274	260	232	256	271
5					242	250	271	273	232	248
6					213	242	251	276	274	216
7					228	208	246	244	275	264
8					237	227	207	239	237	274
9					210	234	238	196	233	231
10					209	206	233	239	198	234
11					189	206	210	227	234	201
12					174	190	204	209	230	221
-----										
K-4 TOT					1263	1245	1224	1261	1309	1311
K-5 TOT					1505	1495	1495	1534	1541	1559
5-8 TOT					920	927	975	1032	1018	1002
6-8 TOT					678	677	704	759	786	754
9-12 TOT					782	836	885	871	895	887
K-12 TOT					2965	3008	3084	3164	3222	3200
-----										
SP. ED.					11	12	13	11	13	10
-----										
TOT ENROLL					2976	3020	3097	3175	3235	3210
-----										
CHANGE						44	77	78	60	-25
% CHANGE						1.5	2.5	2.5	1.9	-.8
-----										
2008 - 2012 FIVE YEAR AVERAGE % ENROLLMENT CHANGE =						1.5%	47 STUDENTS			AVERAGE CHANGE/YEAR
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TABLE 2  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE  
 MIGRATION (SURVIVAL) RATIOS  
 GRADE-BY-GRADE AND AVERAGE MIGRATION RATIOS

	2007 TO 2008	2008 TO 2009	2009 TO 2010	2010 TO 2011	2011 TO 2012	MR 5 YR AVERAGE	AVE	FORECAST LOW	MR HIGH	MR 3 YR WTD	MR 2 YR WTD
B - K	See Table 3										
K - 1	.966	1.053	1.072	1.060	1.065	1.043	1.064	1.060	1.065	1.065	1.064
1 - 2	.952	.996	1.031	1.007	.992	.996	.996	.992	1.004	1.004	.996
2 - 3	1.049	.962	1.075	1.019	1.015	1.024	1.020	1.015	1.024	1.026	1.016
3 - 4	1.007	1.004	1.022	1.045	.993	1.014	1.013	.993	1.014	1.015	1.006
4 - 5	.965	.989	1.050	1.000	.969	.995	.993	.977	.995	.993	.977
5 - 6	1.000	1.004	1.018	1.004	.931	.991	.990	.949	.991	.970	.949
6 - 7	.977	1.017	.972	.996	.964	.985	.985	.972	.985	.976	.972
7 - 8	.996	.995	.972	.971	.996	.986	.990	.984	.990	.984	.990
8 - 9	.987	1.048	.947	.975	.975	.986	.975	.970	.986	.970	.975
9 - 10	.981	.996	1.004	1.010	1.004	.999	1.006	.999	1.006	1.006	1.006
10 - 11	.986	1.019	.974	.979	1.015	.995	1.000	.995	1.006	.996	1.006
11 - 12	1.005	.990	.995	1.013	.944	.990	.990	.976	1.000	.976	.962

Table 3  
 COMPUTATION OF K/BIRTH RATIOS  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE

School Year	Actual K Enrollment	Births 5 Yrs. Previous	K/Birth Ratios
2003	232	227	1.0220
2004	261	236	1.1059
2005	236	231	1.0216
2006	227	216	1.0509
2007	237	221	1.0724
Five-year Average			1.0546
2008	247	232	1.0647
2009	249	208	1.1971
2010	249	199	1.2513
2011	247	175	1.4114
2012	242	198	1.2222
Five-year Average			1.2293
Average K/Birth Ratios			
	4 Yr Ave (09-12)		1.2705
	3 Yr Ave (10-12)		1.2950
	2 Yr Ave (11-12)		1.3168
	3 Yr Wtd (10-12)		1.2901
	2 Yr Wtd (11-12)		1.2695
	Current Year		1.2222

Table 4  
 PROJECTED KINDERGARTEN ENROLLMENT  
 2013 - 2022  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE

School Year	Births 5 Yrs Previous	Average Forecast 1.3168	Low Forecast 1.295	High Forecast 1.4114
2013	156	205	202	220
2014	134	185	174	189
2015	152	200	197	215
2016	161	212	208	227
2017	165	217	214	233
2018		220	215	235
2019		220	215	235
2020		225	220	235
2021		225	220	235
2022		225	220	235

TABLE 5  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE  
 K-12 ENROLLMENT PROJECTION 2013 - 2022 -- AVERAGE FORECAST

	FORECAST MR	ACT ENR 2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
-----												
BIRTHS 5 YRS. PREVIOUS		198	156	134	152	161	165					
-----												
GRADES												
K	1.317	242	205	185	200	212	217	220	220	225	225	225
1	1.064	263	257	219	197	213	226	231	234	234	239	239
2	.996	262	262	256	218	196	212	225	230	233	233	238
3	1.020	273	267	267	262	222	200	216	229	235	238	238
4	1.013	271	277	271	271	265	225	203	219	232	238	241
5	.993	248	269	275	269	269	263	223	201	218	231	236
6	.990	216	246	266	272	266	266	261	221	199	215	228
7	.985	264	213	242	262	268	262	262	257	218	196	212
8	.990	274	261	211	239	260	265	260	259	254	216	194
9	.975	231	267	255	205	233	253	258	253	253	248	210
10	1.006	234	232	269	256	207	235	255	260	255	254	249
11	1.000	201	234	232	269	256	207	235	255	260	255	254
12	.990	221	199	232	230	266	254	205	232	252	257	252
-----												
K-4 TOT		1311	1269	1198	1147	1108	1080	1095	1133	1159	1173	1182
K-5 TOT		1559	1538	1473	1416	1377	1343	1318	1334	1377	1404	1418
5-8 TOT		1002	989	993	1043	1062	1056	1005	938	889	858	871
6-8 TOT		754	720	719	774	794	793	782	737	671	627	635
9-12 TOT		887	933	988	961	962	949	953	1000	1020	1014	966
K-12 TOT		3200	3190	3179	3150	3133	3085	3053	3071	3068	3045	3018
-----												
SP. ED.		10	10	10	10	10	10	10	10	10	10	10
-----												
TOT ENROLL		3210	3200	3189	3160	3143	3095	3063	3081	3078	3055	3028
-----												
CHANGE			-10	-11	-29	-17	-48	-32	18	-4	-22	-27
% CHANGE			-.3	-.3	-.9	-.5	-1.5	-1.0	.6	-.1	-.7	-.9
-----												
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=					-.7%	-23	STUDENTS	AVERAGE	CHANGE/YEAR		
2018 - 2022 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=					-.4%	-13	STUDENTS	AVERAGE	CHANGE/YEAR		
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TABLE 6  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE  
 K-12 ENROLLMENT PROJECTION 2013 - 2022 -- LOW FORECAST

	FORECAST MR	ACT ENR 2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
-----												
BIRTHS 5 YRS. PREVIOUS		198	156	134	152	161	165					
-----												
GRADES												
K	1.295	242	202	174	197	208	214	215	215	220	220	220
1	1.060	263	257	214	184	209	221	226	228	228	233	233
2	.992	262	261	254	212	182	207	219	225	226	226	231
3	1.015	273	266	265	258	216	185	210	223	228	229	229
4	.993	271	271	264	263	256	214	184	209	221	226	228
5	.977	248	265	265	258	257	251	209	180	204	216	221
6	.949	216	235	251	251	245	244	238	199	171	193	205
7	.972	264	210	229	244	244	238	237	231	193	166	188
8	.984	274	260	207	225	240	240	234	233	227	190	163
9	.970	231	266	252	200	218	233	233	227	226	221	184
10	.999	234	231	266	252	200	218	233	233	227	226	220
11	.995	201	233	230	264	250	199	217	232	232	226	225
12	.976	221	196	227	224	258	244	194	212	226	226	220
-----												
K-4 TOT		1311	1256	1171	1114	1072	1041	1055	1099	1123	1135	1142
K-5 TOT		1559	1521	1436	1372	1329	1292	1264	1278	1327	1351	1363
5-8 TOT		1002	970	951	979	986	973	918	843	795	765	777
6-8 TOT		754	705	687	721	729	722	709	663	591	549	556
9-12 TOT		887	926	974	940	927	895	878	904	911	899	850
K-12 TOT		3200	3152	3097	3034	2985	2909	2850	2845	2829	2799	2769
-----												
SP. ED.		10	10	10	10	10	10	10	10	10	10	10
-----												
TOT ENROLL		3210	3162	3107	3044	2995	2919	2860	2855	2839	2809	2779
-----												
CHANGE			-48	-55	-63	-49	-76	-58	-5	-16	-30	-30
% CHANGE			-1.5	-1.7	-2.0	-1.6	-2.5	-2.0	-.2	-.6	-1.1	-1.1
-----												
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=					-1.9%						
2018 - 2022 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=					-1.0%						
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TABLE 7  
 RYE CITY SCHOOL DISTRICT -- 2012/13 UPDATE  
 K-12 ENROLLMENT PROJECTION 2013 - 2022 -- HIGH FORECAST

	FORECAST MR	ACT ENR 2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
-----												
BIRTHS 5 YRS. PREVIOUS		198	156	134	152	161	165					
-----												
GRADES												
K	1.411	242	220	189	215	227	233	235	235	235	235	235
1	1.065	263	258	234	201	228	242	248	250	250	250	250
2	1.004	262	264	259	235	202	229	243	249	251	251	251
3	1.024	273	268	270	265	241	207	235	249	255	257	257
4	1.014	271	277	272	274	269	244	210	238	252	259	261
5	.995	248	270	275	271	273	267	243	209	237	251	257
6	.991	216	246	267	273	268	270	265	241	207	235	249
7	.985	264	213	242	263	269	264	266	261	237	204	231
8	.990	274	261	211	240	261	266	262	264	258	235	202
9	.986	231	270	258	208	236	257	262	258	260	255	232
10	1.006	234	232	272	259	209	238	258	264	259	261	256
11	1.006	201	235	234	273	261	210	239	260	266	261	263
12	1.000	221	201	235	234	273	261	210	239	260	266	261
-----												
K-4 TOT		1311	1287	1225	1191	1168	1156	1171	1221	1244	1252	1255
K-5 TOT		1559	1557	1500	1461	1441	1423	1414	1430	1481	1503	1512
5-8 TOT		1002	990	995	1047	1070	1068	1036	975	940	925	939
6-8 TOT		754	720	720	776	798	801	793	766	703	674	682
9-12 TOT		887	939	999	974	979	966	970	1021	1045	1043	1012
K-12 TOT		3200	3216	3219	3211	3218	3190	3177	3217	3229	3220	3206
-----												
SP. ED.		10	10	10	10	10	10	10	10	10	10	10
-----												
TOT ENROLL		3210	3226	3229	3221	3228	3200	3187	3227	3239	3230	3216
-----												
CHANGE			16	3	-8	6	-28	-12	40	12	-9	-14
% CHANGE			.5	.1	-.2	.2	-.9	-.4	1.2	.4	-.3	-.4
-----												
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=						-.1%					
2018 - 2022 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=						.1%					
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TABLE 8  
MIDLAND ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT TRENDS 2007 - 2012

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
BIRTHS 5 YRS. PREVIOUS	221	232	208	199	175	198
GRADES						
K	86	101	82	93	87	81
1	90	84	112	78	99	87
2	81	86	79	108	81	103
3	108	85	80	86	112	81
4	98	109	91	82	88	111
5	91	91	111	97	78	87
K-5 TOT	554	556	555	544	545	550
SP. ED.	8	4	5	3	3	3
K-5 TOT ENROLL	562	560	560	547	548	553
CHANGE		-2	0	-13	1	5
% CHANGE		-.4	.0	-2.3	.2	.9
2008 - 2012 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE =						- .3%
STUDENTS AVERAGE CHANGE/YEAR =						-2

TABLE 9  
MILTON ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT TRENDS 2007 - 2012

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
BIRTHS 5 YRS. PREVIOUS	221	232	208	199	175	198
GRADES						
K	66	64	78	63	68	66
1	58	63	62	80	66	71
2	62	58	70	67	76	60
3	68	66	57	72	63	72
4	54	68	64	58	74	58
5	56	58	69	67	60	70
K-5 TOT	364	377	400	407	407	397
SP. ED.	0	4	8	8	7	7
K-5 TOT ENROLL	364	381	408	415	414	404
CHANGE		17	27	7	-1	-10
% CHANGE		4.7	7.1	1.7	-.2	-2.4
2008 - 2012 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE =						2.2%
STUDENTS AVERAGE CHANGE/YEAR =						8



TABLE 10  
OSBORN ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT TRENDS 2007 - 2012

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
BIRTHS 5 YRS. PREVIOUS	221	232	208	199	175	198	
GRADES							
K	85	82	89	93	92	95	
1	100	82	86	109	99	105	
2	104	92	79	93	112	99	
3	96	108	90	87	98	120	
4	107	97	105	92	94	102	
5	95	101	91	109	94	91	
K-5 TOT	587	562	540	583	589	612	
SP. ED.	3	4	0	0	3	0	
K-5 TOT ENROLL	590	566	540	583	592	612	
CHANGE		-24	-26	43	9	20	
% CHANGE		-4.1	-4.6	8.0	1.5	3.4	
2008 - 2012 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE						=	.8%
STUDENTS AVERAGE CHANGE/YEAR						=	4

TABLE 11  
K/BIRTH RATIOS AND ESTIMATED K ENROLLMENTS  
BY ELEMENTARY ATTENDANCE AREAS

School Year	Midland		Milton		Osborn		Total K/Enroll
	K Enr	Ratio	K Enr	Ratio	K Enr	Ratio	
2008	101	.409	64	.259	82	.332	247
2009	82	.329	78	.313	89	.357	249
2010	93	.373	63	.253	93	.373	249
2011	87	.352	68	.275	92	.372	247
2012	81	.335	66	.273	95	.393	242
5 YR AVE		.360		.275		.366	
WTD AVE		.340		.270		.390	
Projected Kindergarten Enrollment							
2013	70		55		80		205
2014	63		50		72		185
2015	68		54		78		200
2016	72		57		83		212
2017	74		59		85		217
2018	75		59		86		220
2019	75		59		86		220
2020	77		61		88		225
2021	77		61		88		225
2022	77		61		88		225

NOTE: CALCULATIONS BASED ON THE AVERAGE PROJECTION, SEE TABLE 5.

TABLE 12

MIDLAND ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT PROJECTION 2013 - 2022

	FORECAST MR	ACT ENR 2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
-----												
GRADES												
K	.340	81	70	63	68	72	74	75	75	77	77	77
1	1.016	87	82	71	64	69	73	75	76	76	78	78
2	1.040	103	90	86	74	67	72	76	78	79	79	81
3	1.020	81	105	92	87	75	68	73	78	80	81	81
4	1.007	111	82	106	93	88	76	68	74	78	80	81
5	.991	87	110	81	105	92	87	75	68	73	77	80
-----												
K-5 TOT		550	539	499	491	463	450	443	449	463	473	478
SP. ED.		3	3	3	3	3	3	3	3	3	3	3
-----												
K-5 TOT ENR		553	542	502	494	466	453	446	452	466	476	481
-----												
CHANGE			-11	-41	-8	-28	-13	-7	5	15	10	5
% CHANGE			-1.9	-7.5	-1.5	-5.7	-2.8	-1.5	1.2	3.3	2.1	1.1
-----												
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE =						-3.9%						
STUDENTS AVERAGE CHANGE/YEAR =						-20						
-----												

TABLE 13

MILTON ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT PROJECTION 2013 - 2022

	FORECAST MR	ACT ENR 2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
-----												
GRADES												
K	.270	66	55	50	54	57	59	59	59	61	61	61
1	1.045	71	69	57	52	56	60	62	62	62	64	64
2	.951	60	68	66	55	50	54	57	59	59	59	61
3	.959	72	58	65	63	52	48	51	54	56	56	56
4	.987	58	71	57	64	62	52	47	51	54	55	55
5	1.000	70	58	71	57	64	62	52	47	51	54	55
-----												
K-5 TOT		397	378	366	345	342	334	328	331	342	349	353
SP. ED.		7	7	7	7	7	7	7	7	7	7	7
-----												
K-5 TOT ENR		404	385	373	352	349	341	335	338	349	356	360
-----												
CHANGE			-19	-12	-21	-3	-8	-6	4	10	7	4
% CHANGE			-4.7	-3.2	-5.7	-.8	-2.2	-1.8	1.2	3.1	1.9	1.1
-----												
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE =						-3.3%						
STUDENTS AVERAGE CHANGE/YEAR =						-13						
-----												

TABLE 14

OSBORN ELEMENTARY ATTENDANCE AREA -- 2012/13 UPDATE  
K-5 ENROLLMENT PROJECTION 2013 - 2022

	FORECAST	ACT ENR											
	MR	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
-----													
GRADES													
K	.390	95	80	72	78	83	85	86	86	88	88	88	
1	1.130	105	107	90	81	88	94	96	97	97	99	99	
2	1.007	99	106	108	91	82	89	94	97	98	98	100	
3	1.071	120	106	113	116	97	88	95	101	104	105	105	
4	1.051	102	126	111	119	122	102	92	100	106	109	110	
5	.998	91	102	126	111	119	121	102	92	100	106	109	
-----													
K-5 TOT		612	627	621	596	591	579	566	573	593	605	611	
SP. ED.		0	0	0	0	0	0	0	0	0	0	0	
-----													
K-5 TOT ENR		612	627	621	596	591	579	566	573	593	605	611	
-----													
CHANGE			15	-6	-25	-5	-12	-13	7	20	12	6	
% CHANGE			2.5	-1.0	-4.0	-.9	-2.0	-2.3	1.2	3.4	2.1	1.0	
-----													
2013 - 2017 FIVE-YEAR AVERAGE % ENROLLMENT CHANGE	=						-1.1%						
STUDENTS AVERAGE CHANGE/YEAR	=						-7						
-----													