

MASSACHUSETTS SCHOOL BUILDING AUTHORITY

NAUSET REGIONAL SCHOOL DISTRICT  
NAUSET REGIONAL HIGH SCHOOL  
DESIGN ENROLLMENT CERTIFICATION

As a result of a collaborative analysis with the Massachusetts School Building Authority (the "MSBA") of enrollment projections and space capacity needs for the proposed project at the Nauset Regional High School, the Nauset Regional School District hereby acknowledges and agrees that the design of the proposed project at the Nauset Regional High School shall be based on an enrollment of no more than 905 students in grades 9-12. The Nauset Regional School District further acknowledges and agrees that, pursuant to 963 CMR 2.00 *et seq.*, the MSBA shall determine the square feet per student space allowance and total square footage for a high school serving 905 students in grades 9-12. The Nauset Regional School District acknowledges and agrees that it has no right or entitlement to any particular design enrollment, square feet per student space allowance, or total square footage and that it has no right or entitlement to a design enrollment any greater than 905 students for the Nauset Regional High School, and further acknowledges and agrees that it shall not bring any claim or action, legal or equitable, against the MSBA, or any of its officers or employees, for the purpose of obtaining an increase in the design enrollment of the Nauset Regional High School that it has acknowledged and agreed to herein. The Nauset Regional School District further acknowledges and agrees that, among other things, the design enrollment, square feet per student space allowance, and total square footage of the Nauset Regional High School shall be subject to the approval of the MSBA's Board and that the final approval of a proposed project at the Nauset Regional High School shall be within the sole discretion of the MSBA's Board.

The undersigned, for themselves and the Nauset Regional School District, hereby certify that they have read and understand the contents of this Design Enrollment Certification and that each of the above statements is true, complete and accurate. The undersigned also hereby certify that they have been duly authorized by the appropriate governmental body to execute this Certification on behalf of the Nauset Regional School District and to bind the Nauset Regional School District to its terms.

Thomas Conrod  
Chief Executive Officer

November 8, 2017  
Date

Thomas Conrod  
Superintendent of Schools

November 8, 2017  
Date

[Signature]  
Duly Authorized Representative of School  
Committee

November 8, 2017  
Date

# MSBA Enrollment Projection – Nauset Regional School District

## Historic Enrollment Data (DESE)

YEAR	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12	K-5	6-8	9-12
1993-94	5	301	265	258	245	271	251	276	261	241	215	258	193	172	3,207	1,591	778	838
1994-95	31	263	306	269	266	254	279	261	289	259	227	214	246	174	3,307	1,637	809	861
1995-96	44	224	280	300	279	264	248	243	239	262	247	226	216	245	3,273	1,595	744	934
1996-97	55	232	245	281	297	280	270	213	251	230	265	241	211	203	3,219	1,605	694	920
1997-98	65	220	243	251	290	298	278	233	226	232	256	256	224	205	3,212	1,580	691	941
1998-99	63	211	231	245	255	303	300	231	247	229	241	247	257	220	3,217	1,545	707	965
1999-00	48	209	211	234	255	268	308	255	250	248	261	248	236	237	3,220	1,485	753	982
2000-01	0	176	207	215	237	258	269	273	272	251	302	232	240	220	3,152	1,362	796	994
2001-02	84	189	171	202	219	236	257	212	267	257	293	245	234	200	2,982	1,274	736	972
2002-03	80	184	181	177	207	219	241	232	238	269	316	258	241	213	2,976	1,209	739	1,028
2003-04	71	178	185	168	177	211	218	217	233	235	308	288	234	239	2,891	1,137	685	1,069
2004-05	71	163	180	189	167	179	217	187	217	235	278	288	272	240	2,812	1,095	639	1,078
2005-06	84	161	161	182	191	169	172	185	196	216	279	257	282	264	2,715	1,036	597	1,082
2006-07	69	174	159	166	185	189	164	139	191	192	273	253	268	275	2,628	1,037	522	1,069
2007-08	64	155	173	163	160	187	191	155	153	190	259	250	256	263	2,555	1,029	498	1,028
2008-09	59	158	152	176	162	161	191	173	183	156	240	265	241	257	2,515	1,000	512	1,003
2009-10	71	164	157	158	185	168	161	180	193	190	212	262	267	227	2,524	993	563	968
2010-11	64	149	161	162	157	179	166	156	202	193	252	203	261	254	2,495	974	551	970
2011-12	83	144	155	164	162	159	182	169	192	207	250	255	196	252	2,487	966	568	953
2012-13	68	174	144	155	166	164	159	186	197	202	244	251	254	206	2,502	962	585	955
2013-14	53	158	174	147	151	172	169	175	205	194	247	243	257	258	2,550	971	574	1,005
2014-15	55	150	163	171	147	147	166	169	192	195	217	245	244	250	2,456	944	556	956
2015-16	65	148	152	159	175	144	150	169	179	193	242	214	261	243	2,429	928	541	960
2016-17	55	155	152	152	162	176	150	159	183	193	219	237	217	251	2,406	947	535	924

# MSBA Enrollment Projection – Nauset Regional School District

## Historic Birth Data (MA Department of Public Health)

Maternal Age	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
10-14 Yrs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Yrs	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	6	5	0	0	0	0
20-24 Yrs	28	33	32	31	23	16	19	7	19	25	0	8	9	10	15	19	13	17	22	16	15	10	15	21	10	7
25-29 Yrs	74	69	57	49	57	45	24	42	27	25	38	24	32	31	32	23	34	27	45	35	33	20	36	29	29	11
30-34 Yrs	77	60	69	70	55	65	46	68	47	58	39	44	52	46	60	50	47	28	65	37	31	37	35	48	42	34
35-39 Yrs	43	35	37	28	35	29	25	24	23	33	42	28	35	39	26	25	39	32	34	21	18	26	27	17	16	21
40-44 Yrs	0	0	0	0	0	5	0	0	0	0	0	0	0	5	7	5	7	5	0	8	5	0	0	0	0	0
Total Births	242	219	206	206	188	184	138	168	147	157	148	131	151	153	161	147	166	125	179	139	135	136	134	144	116	113

## Female Population Data

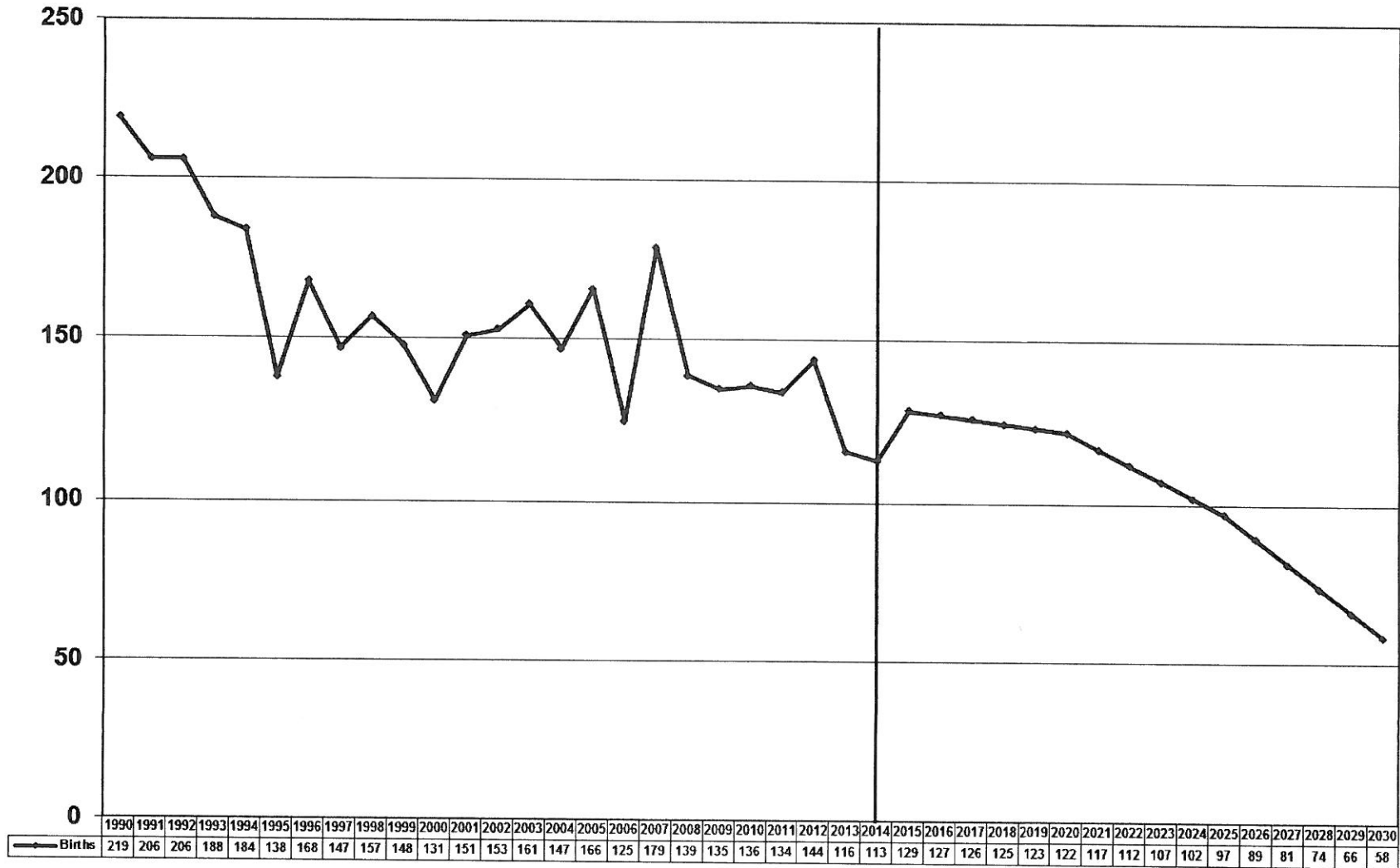
Maternal Age	US Census Data			U Mass Donohue Institute				2012-2014 Avg Fertility Rate
	1990	2000	2010	2015	2020	2025	2030	
10-14 Yrs	545	728	480	426	392	350	325	0.00%
15-19 Yrs	468	599	513	282	247	228	193	0.00%
20-24 Yrs	461	335	372	323	85	54	36	4.74%
25-29 Yrs	657	400	386	423	367	139	108	7.22%
30-34 Yrs	826	574	359	441	470	405	171	13.35%
35-39 Yrs	846	826	407	391	469	494	423	6.12%
40-44 Yrs	843	995	657	436	427	496	511	0.00%
Total Females	11,262	13,061	12,501	12,164	11,890	11,439	10,806	1.01%

## Birth Projections

Maternal Age	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
10-14 Yrs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 Yrs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24 Yrs	15	13	11	9	6	4	4	3	3	3	3	2	2	2	2	2
25-29 Yrs	31	30	29	28	27	26	23	20	17	13	10	10	9	9	8	8
30-34 Yrs	59	60	60	61	62	63	61	59	58	56	54	48	42	35	29	23
35-39 Yrs	24	25	26	27	28	29	29	29	30	30	30	29	29	28	27	26
40-44 Yrs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	129	127	126	125	123	122	117	112	107	102	97	89	81	74	66	58

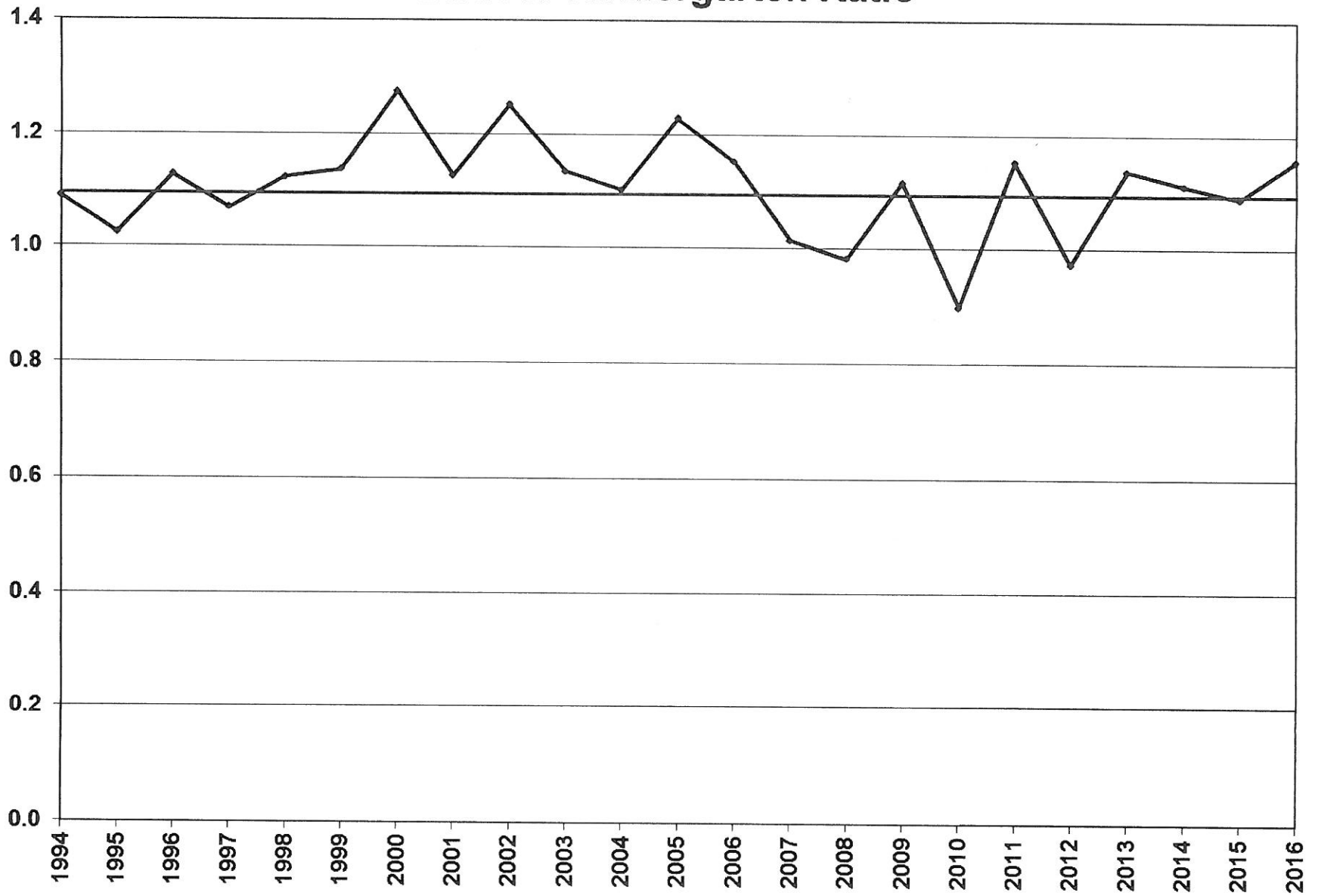
# MSBA Enrollment Projection – Nauset Regional School District

## Births



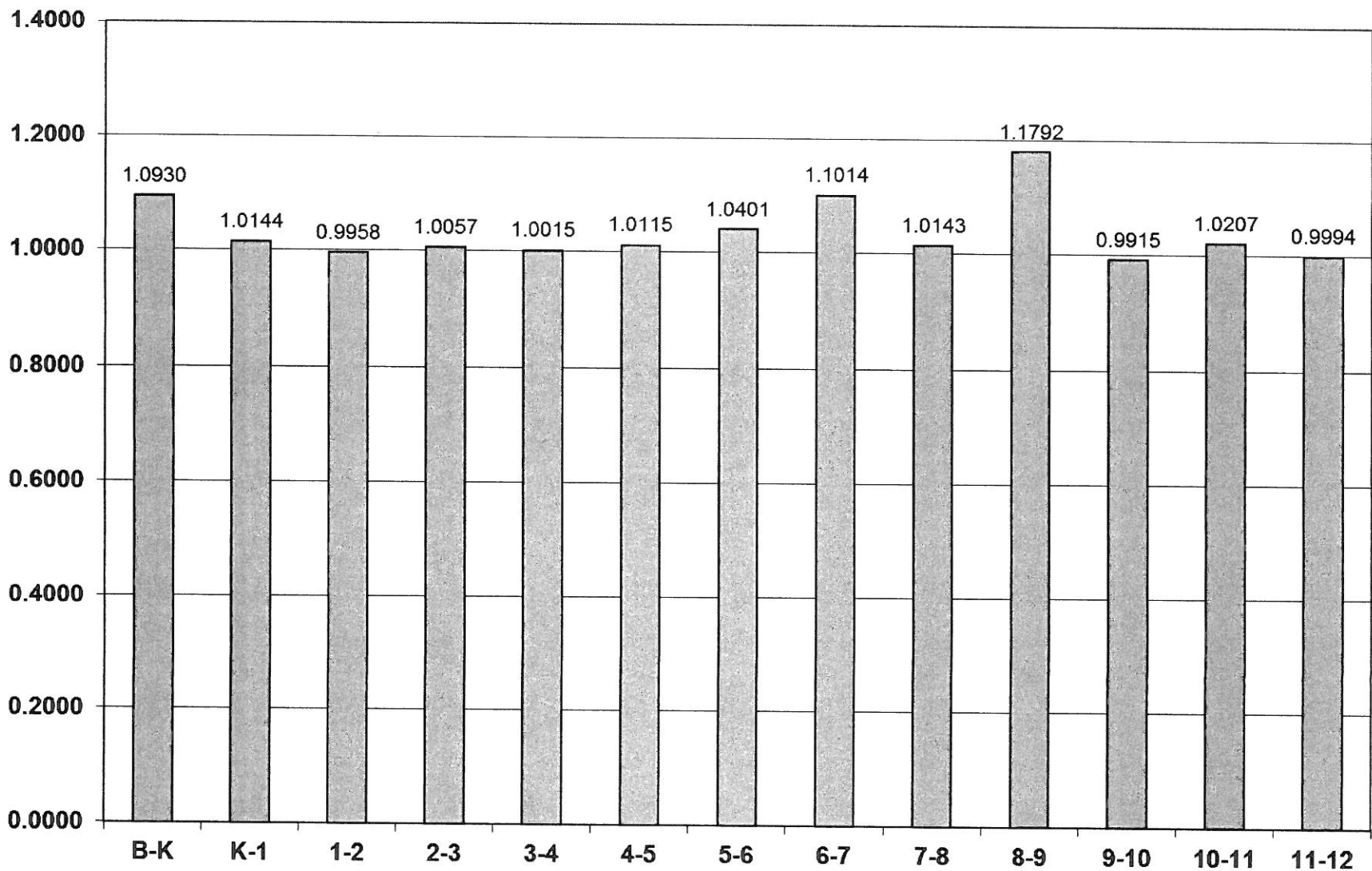
# MSBA Enrollment Projection – Nauset Regional School District

## Birth to Kindergarten Ratio





### Grade-to-Grade Ratios - 5 Yr Average



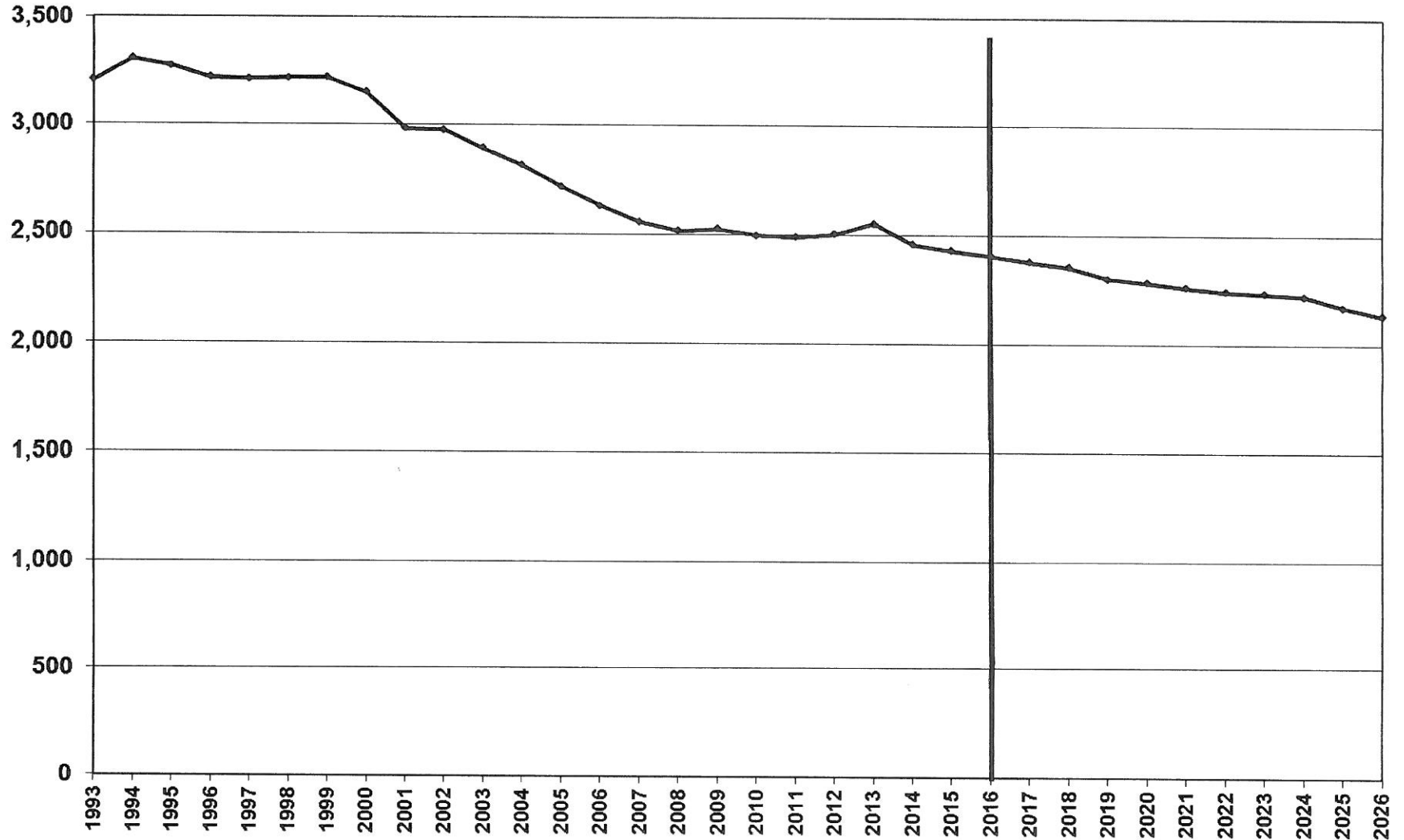
# MSBA Enrollment Projection – Nauset Regional School District

## Base Enrollment Projections

YEAR	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	K-5	6-8	9-12
1993	301	265	258	245	271	251	276	261	241	215	258	193	172	3,207	1,591	778	838
1994	263	306	269	266	254	279	261	289	259	227	214	246	174	3,307	1,637	809	861
1995	224	280	300	279	264	248	243	239	262	247	226	216	245	3,273	1,595	744	934
1996	232	245	281	297	280	270	213	251	230	265	241	211	203	3,219	1,605	694	920
1997	220	243	251	290	298	278	233	226	232	256	256	224	205	3,212	1,580	691	941
1998	211	231	245	255	303	300	231	247	229	241	247	257	220	3,217	1,545	707	965
1999	209	211	234	255	268	308	255	250	248	261	248	236	237	3,220	1,485	753	982
2000	176	207	215	237	258	269	273	272	251	302	232	240	220	3,152	1,362	796	994
2001	189	171	202	219	236	257	212	267	257	293	245	234	200	2,982	1,274	736	972
2002	184	181	177	207	219	241	232	238	269	316	258	241	213	2,976	1,209	739	1,028
2003	178	185	168	177	211	218	217	233	235	308	288	234	239	2,891	1,137	685	1,069
2004	163	180	189	167	179	217	187	217	235	278	288	272	240	2,812	1,095	639	1,078
2005	161	161	182	191	169	172	185	196	216	279	257	282	264	2,715	1,036	597	1,082
2006	174	159	166	185	189	164	139	191	192	273	253	268	275	2,628	1,037	522	1,069
2007	155	173	163	160	187	191	155	153	190	259	250	256	263	2,555	1,029	498	1,028
2008	158	152	176	162	161	191	173	183	156	240	265	241	257	2,515	1,000	512	1,003
2009	164	157	158	185	168	161	180	193	190	212	262	267	227	2,524	993	563	968
2010	149	161	162	157	179	166	156	202	193	252	203	261	254	2,495	974	551	970
2011	144	155	164	162	159	182	169	192	207	250	255	196	252	2,487	966	568	953
2012	174	144	155	166	164	159	186	197	202	244	251	254	206	2,502	962	585	955
2013	158	174	147	151	172	169	175	205	194	247	243	257	258	2,550	971	574	1,005
2014	150	163	171	147	147	166	169	192	195	217	245	244	250	2,456	944	556	956
2015	148	152	159	175	144	150	169	179	193	242	214	261	243	2,429	928	541	960
2016	155	152	152	162	176	150	159	183	193	219	237	217	251	2,406	947	535	924
2017	157	157	151	153	162	178	156	175	186	228	217	242	217	2,379	958	517	904
2018	127	160	157	152	153	164	185	172	178	219	226	222	242	2,355	913	535	909
2019	124	129	159	157	152	155	171	204	174	209	217	230	221	2,303	876	549	877
2020	141	125	128	160	158	154	161	188	207	206	208	221	230	2,287	866	556	865
2021	139	143	125	129	160	160	160	177	191	244	204	212	221	2,264	856	528	881
2022	138	141	142	125	129	162	166	177	180	225	242	208	212	2,246	837	523	887
2023	136	140	141	143	126	130	168	183	179	212	223	247	208	2,236	816	530	890
2024	135	138	139	141	143	127	136	186	185	211	210	228	247	2,226	823	507	896
2025	133	137	138	140	142	145	132	149	188	219	209	215	227	2,174	835	469	870
2025	128	135	136	138	140	143	151	146	152	222	217	214	215	2,136	820	449	868
10 yr avg	156	158	161	163	166	169	169	188	191	238	243	245	246	2,492	971	548	972
5 yr avg	157	157	157	160	161	159	172	191	195	234	238	247	242	2,469	953	560	959
2 yr avg	152	152	156	169	160	150	164	181	193	231	226	239	247	2,418	938	538	942
5 yr proj	137	143	144	150	157	162	167	183	187	221	214	225	226	2,318	894	537	887
10 yr proj	136	140	142	144	146	152	159	176	182	219	217	224	224	2,261	860	516	885

# MSBA Enrollment Projection – Nauset Regional School District

## Total Enrollment





## Enrollment by Grade Group

