

ONTEORA CENTRAL SCHOOL DISTRICT

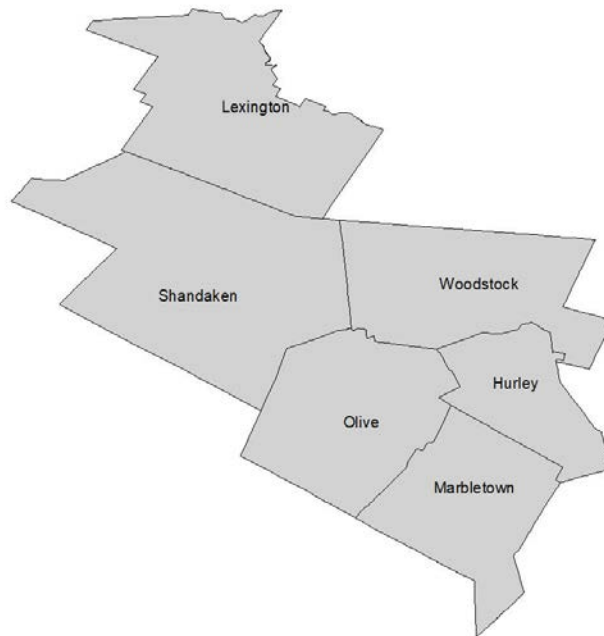
Enrollment Projections *through 2027-28* *Update*

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Introduction

The Onteora Central School District currently comprises of five (5) schools of which two (2) are K-3 elementary schools; one (1) is a 4-6 elementary; one (1) is a middle school housing grades 7 and 8; and a high school housing grades 9-12. The Onteora Central School District serves students from the Towns of Shandaken, Olive and parts of Woodstock, Hurley, Marbletown and Lexington. As of the 2023-24 school year, as per the data provided by the Onteora Central School District, the total enrollment is 1,073 on BEDS Day. Effective 9/1/24, the District will be comprised of four (4) buildings, one (1) K-5, one (1) K-4, one (1) middle school housing grades 6 through 8 and one (1) HS housing grades 9-12. Effective 9/1/25, the District will be comprised of two (2) K-5, one (1) 6-8 MS and one (1) 9-12 HS.



Methodology

This study used the cohort survival method for enrollment projections, which projects future students by grade. The Cohort Survival model is considered very reliable and is utilized by several Departments of Education in their student projections and the U.S. Census Bureau for their reports. The model uses an "aging" concept that moves a group, or cohort, of students into the future and increases or decreases their numbers according to past experience through history. The Cohort Survival methodology relies on historical enrollment and live birth data to capture the effects of in and out-migration, housing changes, and natural trends in population. In essence, the model derives a growth factor or ratio for student survival matriculation to the next grade based upon previous survival numbers to the same grade of students in the district. This model derives the growth factor by applying a non-weighted average survivor rate over a historical period ranging from the previous 2 to 7 years. To account for other external factors that could influence future enrollment, this model allows for an "Additional Adjustment Factor" (entered as a %) to account for the net effect of all known external factors.

Data Sources

1. Enrollment data for the years 2013-14 through 2022-23 was taken from the New York State Department of Education (<http://www.p12.nysed.gov/irs/statistics/enroll-n-staff/home.html>).
2. Live Birth by Zip Codes
3. Historical Live Birth rates and Survival rates

Executive Summary

1. The total enrollment in the Onteora Central School District decreased from 1,392 students in 2013-14 (not including ungraded) to 1,056 in 2023-24. This is a decrease of 336 students or approximately 24%. The enrollment is projected to decrease from the current 1,056 to 961 in 2027-28. This is a decrease of another 95 students or approx. 9%.
2. The enrollment in grades K-3 decreased from 408 students in 2013-14 to 264 in 2023-24. This is a decline of 144 students or approximately 35.3%. The K-3 enrollment looks to increase slightly by 2027-28 (291 in 2027-28).
3. The grade 4-6 enrollment declined from 316 students in 2013-14 to 242 students in 2023-24. This is decrease of 74 students or approximately 23.4%. The 4-6 enrollment is projected to decline to 204 in 2027-28, which is a decrease of another 38 students or approximately 15.7%.
4. The middle school enrollment decreased from 207 in 2013-14 to 148 in 2023-24. This is a decrease 59 students or approximately 28.5%. The 7-8 enrollment is projected to decrease slightly from the current 148 to 145 in 2027-28.
5. The High School enrollment declined from 461 students in 2013-14 to 402 students in 2023-24. This is a decline of 59 students or approximately 12.8%. The High School enrollment is projected to decrease from the current 402 to 321 in 2027-28. This is a decrease of another 81 students or approximately 20.1%.

Table 1: Summary of Enrollment History and Projection K-12

	Enrollment 2013-14	Enrollment 2023-24	# student change	% student change	Enrollment 2027-28	# student change	% student change
K-3	408	264	-144	-35.3%	291	+27	+10.2%
4-6	316	242	-74	-23.4%	204	-38	-15.7%
7-8	207	148	-59	-28.5%	145	-3	- 2.0%
9-12	461	402	-59	-12.8%	321	-81	-20.1%
Total	1392	1056	-336	-24.1%	961	-95	-9.0%

Summary of Enrollment History and Projections for K-5, 6-8 and 9-12

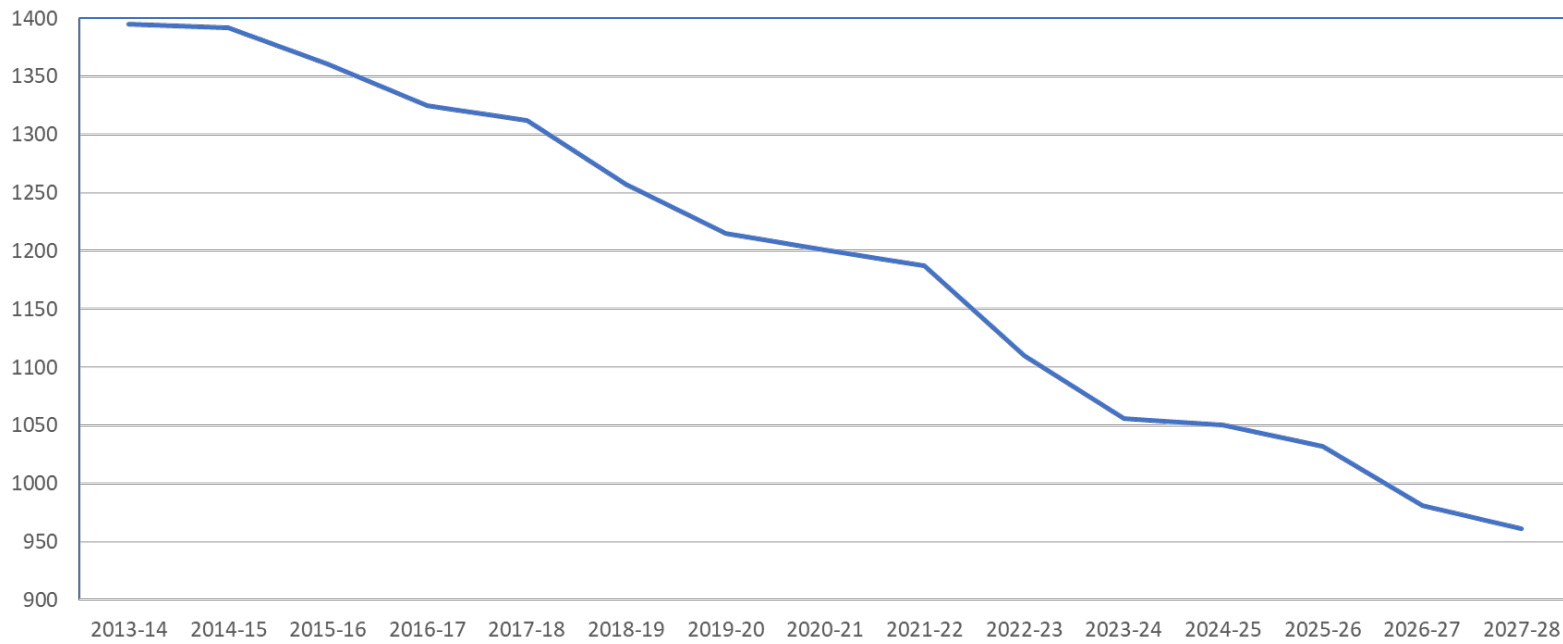
	Enrollment 2013-14	Enrollment 2023-24	# student change	% student change	Enrollment 2027-28	# student change	% student change
K-5	630	425	-205	-32.5%	418	-7	-1.6%
6-8	301	229	-72	-23.9%	222	-7	-3.1%
9-12	461	402	-59	-12.8%	321	-81	-20.1%
Total	1392	1056	-336	-20.3%	961	-95	-9.0%

Tables and Charts

Grade	History										Projected				
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Kindergarten	116	96	87	80	79	79	85	79	67	65	60	71	74	73	74
1	81	126	91	91	90	70	80	83	75	64	60	63	71	75	70
2	85	93	123	94	88	85	67	79	84	71	74	61	65	69	79
3	106	93	99	126	93	92	83	67	86	80	70	74	62	68	68
4	121	103	95	94	129	84	88	79	61	81	68	72	75	58	68
5	86	119	110	89	94	128	79	90	82	61	93	68	75	72	59
6	101	94	119	103	90	90	130	86	97	72	81	90	70	70	77
7	104	102	98	128	105	97	91	129	90	95	71	84	92	78	70
8	106	105	101	103	126	102	101	99	135	97	77	72	88	90	75
9	114	114	113	106	109	128	103	114	106	134	102	77	77	90	94
10	114	107	107	106	105	100	114	92	106	99	96	108	78	70	80
11	132	11	103	105	103	96	95	108	91	91	117	95	105	79	71
12	129	129	115	100	101	106	99	96	107	100	87	115	100	100	76
Ungraded	1	5	5	-	-	1	-	-	-	-	0	0	0	0	0
Total K-12	1,396	1,397	1,366	1,325	1,312	1,258	1,215	1,201	1,187	1,110	1,056	1,050	1,032	990	961
Annual Change	-3.9%	0.1%	-2.2%	-3.0%	-1.0%	-4.1%	-3.4%	-1.2%	-1.2%	-6.5%	-4.8%	-0.6%	-1.8%	-4.0%	-2.9%

Chart 1: District Wide Enrollment History and Projection

Table 3: District Wide Enrollment History and Projection



Grade Levels

Table 4: K-3 Enrollment History and Projection

Year	K	1	2	3	Total
2014-15	96	126	93	93	408
2015-16	87	91	123	99	400
2016-17	80	91	94	126	391
2017-18	79	90	88	93	350
2018-19	79	70	85	92	326
2019-20	85	80	67	83	315
2020-21	79	83	79	67	308
2021-22	67	75	84	86	312
2022-23	65	64	71	80	280
2023-24	60	60	74	70	264
2024-25	71	63	61	74	269
2025-26	74	71	65	62	272
2026-27	73	75	69	68	285
2027-28	74	70	79	68	291

Chart 2: K-3 Enrollment History and Projection

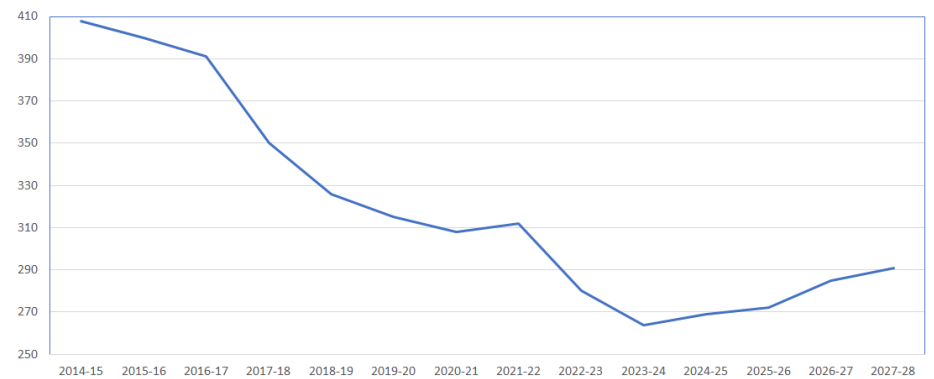


Table 6: 4 -6 Enrollment History and Projection

Year	4	5	6	Total
2014-15	103	119	94	316
2015-16	95	110	119	324
2016-17	94	89	103	286
2017-18	129	94	90	313
2018-19	84	128	90	302
2019-20	88	79	130	297
2020-21	79	90	86	255
2021-22	61	82	97	240
2022-23	81	61	72	214
2023-24	68	93	81	242
2024-25	72	68	90	230
2025-26	75	75	70	220
2026-27	58	72	70	200
2027-28	68	59	77	204

Chart 4: 4-6 Enrollment History and Projection

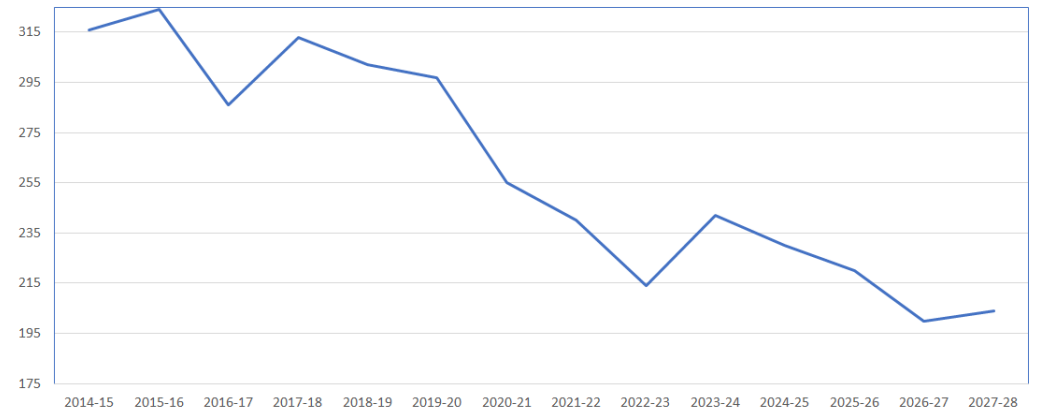


Table 7: 7-8 School Enrollment History and Projection

Year	7	8	Total
2014-15	102	105	207
2015-16	98	101	199
2016-17	128	103	231
2017-18	105	126	231
2018-19	97	102	199
2019-20	91	101	192
2020-21	129	99	228
2021-22	90	135	225
2022-23	95	97	192
2023-24	71	77	148
2024-25	84	72	156
2025-26	92	88	180
2026-27	78	90	168
2027-28	70	75	145

Chart 5: 7-8 School Enrollment History and Projection

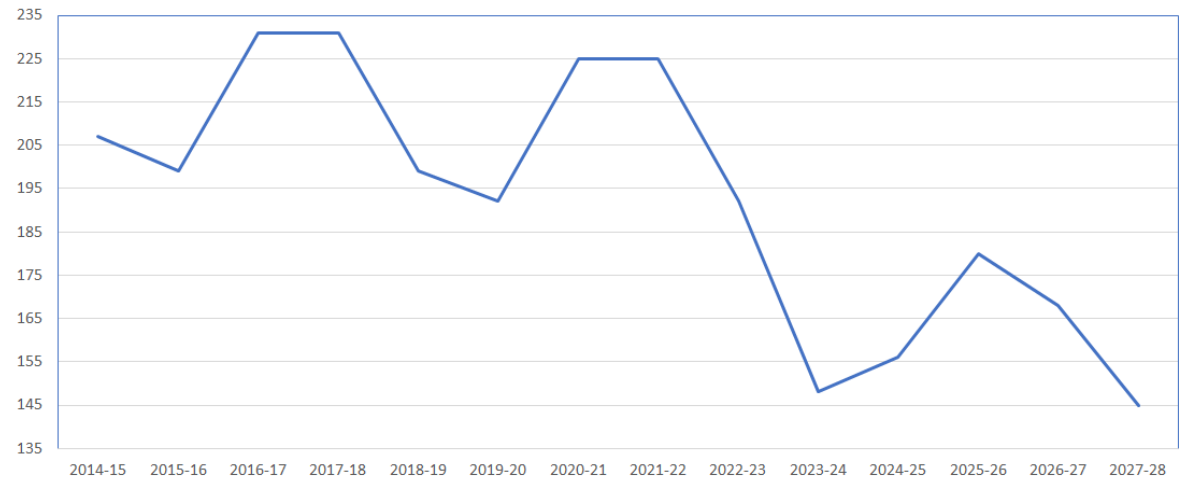
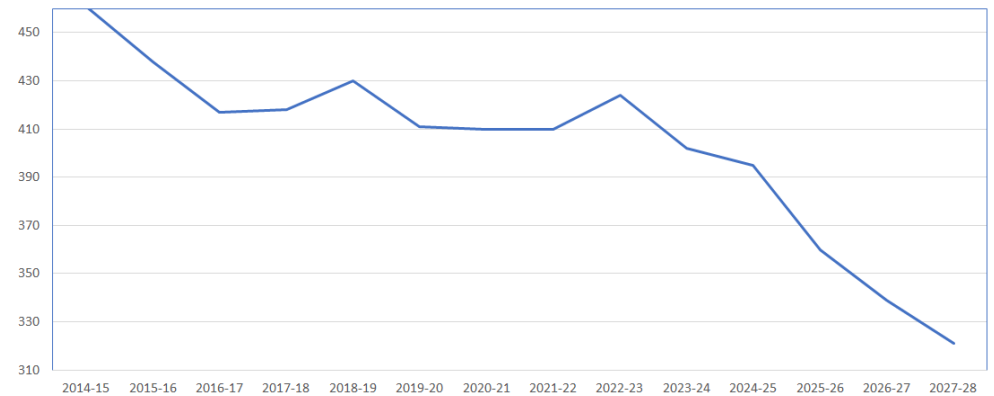


Table 8: 9-12 School Enrollment History and Projection

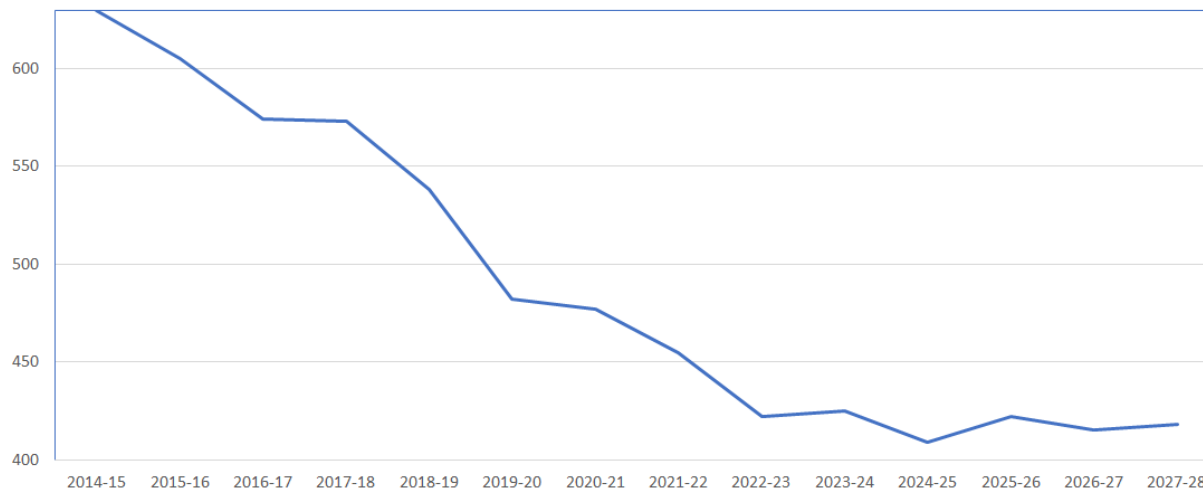
Year	9	10	11	12	Total
2014-15	114	107	111	129	461
2015-16	113	107	103	115	438
2016-17	106	106	105	100	417
2017-18	109	105	103	101	418
2018-19	128	100	96	106	430
2019-20	103	114	95	99	411
2020-21	114	92	108	96	410
2021-22	106	106	91	107	410
2022-23	134	99	91	100	424
2023-24	102	96	117	87	402
2024-25	77	108	95	115	395
2025-26	77	78	105	100	360
2026-27	90	70	79	100	339
2027-28	94	80	71	76	321

Chart 6: 9-12 School Enrollment History and Projection



School Enrollment History & Projection K-5

Year	K	1	2	3	4	5	Total
2014-15	96	126	93	93	103	119	630
2015-16	87	91	123	99	95	110	605
2016-17	80	91	94	126	94	89	574
2017-18	79	90	88	93	129	94	573
2018-19	79	70	85	92	84	128	538
2019-20	85	80	67	83	88	79	482
2020-21	79	83	79	67	79	90	477
2021-22	67	75	84	86	61	82	455
2022-23	65	64	71	80	81	61	422
2023-24	60	60	74	70	68	93	425
2024-25	71	63	61	74	72	68	409
2025-26	74	71	65	62	75	75	422
2026-27	73	75	69	68	58	72	415
2027-28	74	70	79	68	68	59	418



School Enrollment History & Projections 6-8

Year	6	7	8	Total
2014-15	94	102	105	301
2015-16	119	98	101	318
2016-17	103	128	103	334
2017-18	90	105	126	321
2018-19	90	97	102	289
2019-20	130	91	101	322
2020-21	86	129	99	314
2021-22	97	90	135	322
2022-23	72	95	97	264
2023-24	81	71	77	229
2024-25	90	84	72	246
2025-26	70	92	88	250
2026-27	70	78	90	238
2027-28	77	70	75	222

