



ONTEORA CENTRAL SCHOOL DISTRICT

Enrollment Projections *through 2025-26* *Update*

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Introduction

The Onteora Central School District comprises 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 2020-21 school year, as per the data provided by the Onteora Central School District, the total enrollment is 1,197 on BEDS Day.



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 each 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 2020-21 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 1,187 in 2020-21. This is a decrease of 205 students or approximately 14.7%. The enrollment is projected to decrease from the current 1,187 to 1,044 in 2025-26. This is a decrease of another 143 students or approximately 13.7%.
2. The enrollment in grades K-3 decreased from 408 students in 2013-14 to 312 in 2020-21. This is a decline of 96 students or approximately 23.5%. The K-3 enrollment is to remain stable through 2024-25 (320 in 2025-26) showing no further decline.
3. The grade 4-6 enrollment declined from 316 students in 2013-14 to 240 students in 2020-21. This is decrease of 76 students or approximately 24.1%. The 4-6 enrollment is projected to decline to 217 in 2025-26, which is a decrease of another 23 students or approximately 9.5%.
4. The middle school enrollment increased from 207 in 2013-14 to 225 in 2020-21. This is an increase of 18 students or approximately 8.7%. The middle school enrollment is projected to decrease from the current 225 to 171 in 2025-26. This is a decrease of 54 students or approximately 24%.
5. The High School enrollment declined from 461 students in 2013-14 to 410 students in 2020-21. This is a decline of 50 students or approximately 11.1%. The High School enrollment is projected to decrease from the current 410 to 336 in 2025-26. This is a decrease of another 74 students or approximately 18%.

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

Table 1 shows the changes in enrollment for the District in each of the schools in five-year increments. The table shows an overall decline in enrollment with the exception of grades 5-8 which appear to be stable.

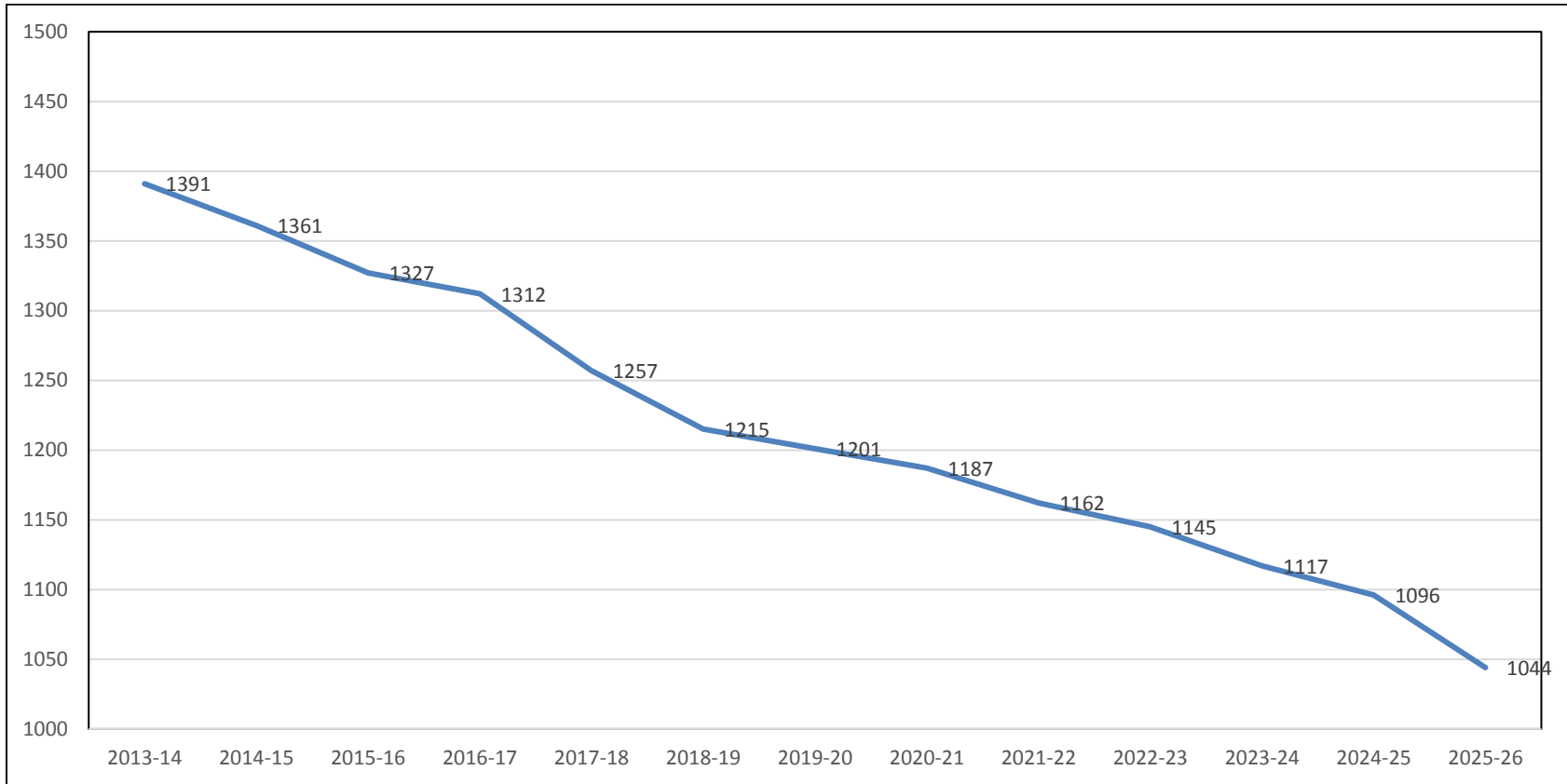
	2013-14	2020-21	Difference Students	Difference Percentage	2025-26	Difference Students	Difference Percentage
District	1,392	1,187	-205	-14.7%	1,044	-143	-12.78%
K-3	408	312	-96	-23.5%	320	8	2.56%
4-6	316	240	-76	-24.1%	217	-23	-9.5%
7-8	207	225	18	8.7%	171	-54	-24.0%
9-12	461	410	-51	-11.1%	336	-74	-18.0%

Tables and Charts

Onteora Central School District Enrollment History and Projection													
Grade	Actual Enrollment								Projected Enrollment				
	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
K	96	87	80	79	79	85	79	67	74	81	79	78	78
1	126	91	91	90	70	80	83	75	70	74	82	80	79
2	93	123	94	88	85	67	79	84	76	70	75	82	80
3	92	99	128	93	92	83	67	86	86	78	71	76	83
4	103	95	94	129	84	88	79	61	84	84	76	70	75
5	119	110	89	94	128	79	90	82	61	83	82	75	68
6	94	119	103	90	90	130	86	97	82	60	82	82	74
7	102	98	128	105	97	91	129	90	102	85	63	85	85
8	105	101	103	126	102	101	99	135	95	103	85	63	86
9	114	113	106	109	128	103	114	106	141	99	107	89	66
10	107	107	106	105	100	114	92	106	99	132	93	101	84
11	111	103	105	103	96	95	108	91	102	95	127	89	97
12	129	115	100	101	106	99	96	107	90	101	95	126	89
K-3	407	400	393	350	326	315	308	312	306	303	307	316	320
4-6	316	324	286	313	302	297	255	240	227	227	240	227	217
7-8	207	199	231	231	199	192	228	225	197	188	148	148	171
9-12	461	438	417	418	430	411	410	410	432	427	422	405	336
Total	1,391	1,361	1,327	1,312	1,257	1,215	1,201	1,187	1,162	1,145	1,117	1,096	1,044

Table 3: District Wide Enrollment History and Projection

Chart 1: District Wide Enrollment History and Projection



Grade Levels

Table 4: K-3 Enrollment History and Projection

Year	Births	K	1	2	3	Total
2013-14	96	96	126	93	93	408
2014-15	94	87	91	123	99	400
2015-16	84	80	91	94	128	393
2016-17	78	79	90	88	93	350
2017-18	75	79	70	85	92	326
2018-19	85	85	80	67	83	315
2019-20	83	79	83	79	67	308
2020-21	75	69	76	84	86	315
2021-22	73	74	70	76	86	306
2022-23	80	81	74	70	78	303
2023-24	79	79	82	75	71	307
2024-25	78	78	80	82	76	316
2025-26	78	78	79	80	83	320

Chart 2: K-3 Enrollment History and Projection

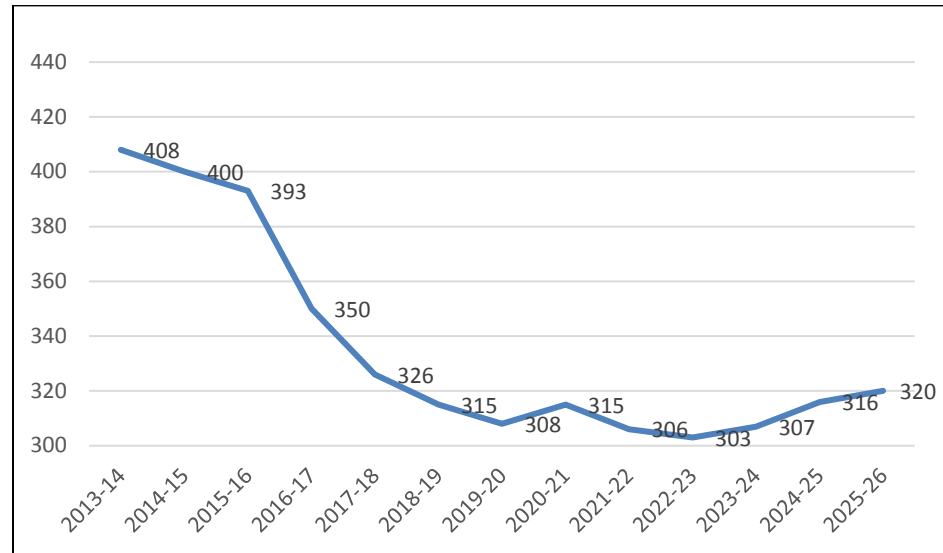


Table 6: 4 -6 Enrollment History and Projection

	4	5	6	Total
2013-14	103	119	94	316
2014-15	95	110	119	324
2015-16	94	89	103	286
2016-17	129	94	90	313
2017-18	84	128	90	302
2018-19	88	79	130	297
2019-20	79	90	86	255
2020-21	62	82	98	242
2021-22	84	61	82	227
2022-23	84	83	60	227
2023-24	76	82	82	240
2024-25	70	75	82	227
2025-26	75	68	74	217

Chart 4: 4-6 Enrollment History and Projection

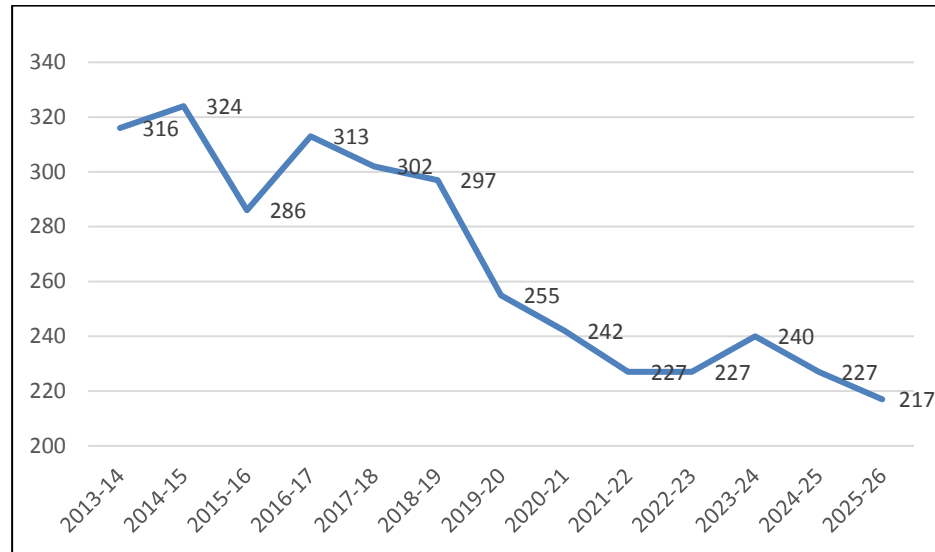


Table 7: 7-8 School Enrollment History and Projection

2013-14	102	105	207
2014-15	98	101	199
2015-16	128	103	231
2016-17	105	126	231
2017-18	97	102	199
2018-19	91	101	192
2019-20	129	99	228
2020-21	94	135	229
2021-22	102	95	197
2022-23	85	103	188
2023-24	63	85	148
2024-25	85	63	148
2025-26	85	86	171

Chart 5: 7-8 School Enrollment History and Projection

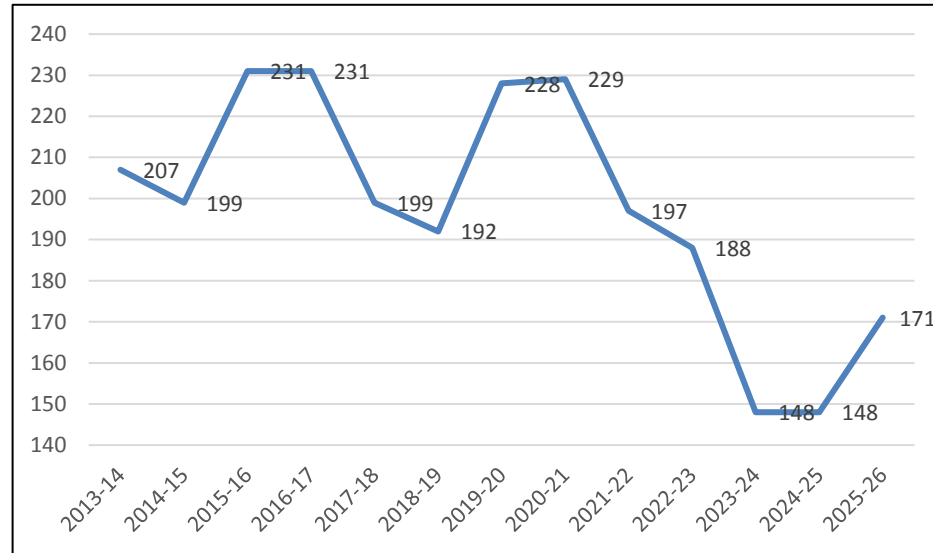


Table 8: 9-12 School Enrollment History and Projection

	9	10	11	12	Total
2013-14	114	107	111	129	461
2014-15	113	107	103	115	438
2015-16	106	106	105	100	417
2016-17	109	105	103	101	418
2017-18	128	100	96	106	430
2018-19	103	114	95	99	411
2019-20	114	92	108	96	410
2020-21	106	106	91	108	411
2021-22	141	99	102	90	432
2022-23	99	132	95	101	427
2023-24	107	93	127	95	422
2024-25	89	101	89	126	405
2025-26	66	84	97	89	336

Chart 6: 9-12 School Enrollment History and Projection

