

# ONTEORA CENTRAL SCHOOL DISTRICT

## **Enrollment Projections** *through 2028-2029* *Update*

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## Introduction

The Onteora Central School District currently comprises of four (4) schools of which one (1) is currently K-4; one (1) is currently K-5 elementary; one (1) is a middle school housing grades 6- 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 2024-25 school year, as per the data provided by the Onteora Central School District, the total enrollment is 1,044 on BEDS Day. Effective 9/1/25, the District will comprise of four (4) buildings, two (2) K-5 buildings, one (1) MS housing grades 6 through 8 and one (1) HS housing grades 9-12.



## 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 2023-24 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 1,325 students in 2015-16 (not including ungraded) to 1,041 in 2024-25. This is a decrease of 284 students or approximately 21.4%. The enrollment is projected to decrease from the current 1,041 to 978 in 2028-29. This is a decrease of another 63 students or approx. 6%.
2. The enrollment in grades K-5 decreased from 574 students in 2015-16 to 426 in 2024-25. This is a decline of 148 students or approximately 25.8%. The K-5 enrollment looks to increase slightly by 2028-29 to 437 in 2028-29 showing no further deep decline.
3. The Middle School enrollment decreased from 334 in 2015-16 to 247 in 2024-25. This is a decrease 87 students or approximately 26%. The 6-8 enrollment is projected to decrease from the current 247 to 221 in 2028-29 for a decline of another 26 students or 10.5%.
5. The High School enrollment declined from 417 students in 2015-16 to 368 students in 2024-25. This is a decline of 49 students or approximately 11.8%. The High School enrollment is projected to decrease from the current 368 to 319 in 2028-29. This is a decrease of another 49 students or approximately 13.3%.

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

	Enrollment 2015-16	Enrollment 2024-25	# student change	% student change	Enrollment 2028-29	# student change	% student change
K-5	574	426	-148	-25.8%	437	+11	2.0%
6-8	334	247	-87	-26.0%	221	-26	-10.5%
9-12	417	368	-49	-11.8%	319	-49	-13.3%
Total	1325	1041	-284	-21.4%	978	-63	-6.1%

# Tables and Charts

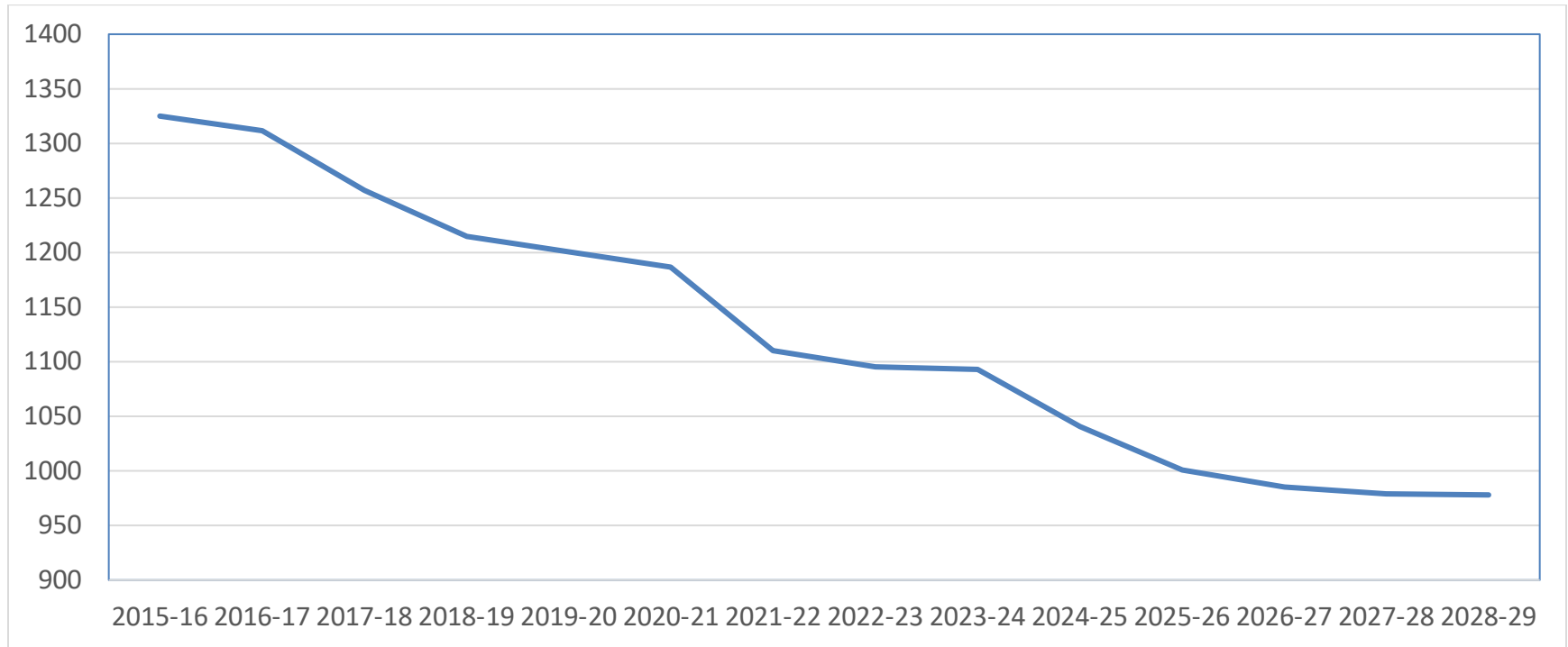
## Cohort Survival Rates

Grade Level Survival Rate by Year														
Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	104.6%	112.5%	88.6%	101.3%	97.65%	94.94%	95.52%	106.15%	89.6%	96.00%	96.00%	96.00%	96.00%	96.00%
2	103.3%	96.7%	94.4%	95.7%	98.75%	101.20%	94.67%	114.06%	107.2%	98.20%	98.20%	98.20%	98.20%	98.20%
3	102.4%	98.9%	104.5%	97.6%	100.00%	108.86%	95.24%	91.55%	95.9%	101.40%	101.40%	101.40%	101.40%	101.40%
4	94.9%	102.4%	90.3%	95.7%	95.18%	91.04%	94.19%	110.00%	104.6%	93.50%	93.50%	93.50%	93.50%	93.50%
5	93.7%	100.1%	99.2%	94.0%	102.27%	103.80%	100.00%	102.47%	105.7%	102.00%	102.00%	102.00%	102.00%	102.00%
6	93.6%	101.1%	95.7%	101.6%	108.86%	107.78%	87.80%	108.20%	97.6%	101.50%	101.50%	101.50%	101.50%	101.50%
7	107.6%	101.9%	107.8%	101.1%	99.23%	104.65%	97.94%	108.33%	107.6%	100.60%	100.60%	100.60%	100.60%	100.60%
8	105.1%	98.4%	97.1%	104.0%	108.79%	104.65%	107.78%	97.89%	98.72%	107.10%	107.10%	107.10%	107.10%	107.10%
9	105.0%	105.8%	101.6%	101.0%	112.87%	107.07%	99.26%	115.46%	108.6%	106.40%	106.40%	106.40%	106.40%	106.40%
10	93.8%	99.1%	91.7%	89.0%	89.32%	92.98%	93.40%	85.82%	86.6%	91.90%	91.90%	91.90%	91.90%	91.90%
11	98.1%	97.2%	91.4%	95.0%	94.74%	98.91%	85.85%	94.95%	101.74%	93.20%	93.20%	93.20%	93.20%	93.20%
12	97.1%	96.2%	102.9%	103.1%	101.05%	99.07%	109.89%	101.10%	92.6%	103.30%	103.30%	103.30%	103.30%	103.30%

## District Wide Enrollment History and Projection

		History										Current	Projection			
	Grade	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	
	Kindergarten	80	79	79	85	79	67	65	67	60	72	68	84	80	80	
	1	91	90	70	80	83	75	64	69	60	65	71	64	83	74	
	2	94	88	85	67	79	84	71	73	74	68	62	74	66	86	
	3	126	93	92	83	67	86	80	65	70	76	67	61	72	65	
	4	94	129	84	88	79	61	81	88	68	75	72	66	60	71	
	5	89	94	128	79	90	82	61	83	93	70	72	71	68	61	
	6	103	90	90	130	86	97	72	66	81	90	69	73	71	69	
	7	128	105	97	91	129	90	95	78	71	83	94	69	76	74	
	8	103	126	102	101	99	135	97	93	77	74	90	98	71	78	
	9	106	109	128	103	114	106	134	112	101	84	76	97	105	76	
	10	106	105	100	114	92	106	99	115	97	86	82	69	88	95	
	11	105	103	96	95	108	91	91	94	117	89	84	73	64	82	
	12	100	101	106	99	96	107	100	92	87	109	92	87	76	66	
	Total	1,325	1,312	1,257	1,215	1,201	1,187	1,110	1,095	1,093	1,041	1,001	985	979	978	
							Additional Adjustment Input →									
	Annual Change		(13)	(55)	(42)	(14)	(14)	(77)	(15)	(2)	(52)	(40)	(16)	(5)	(2)	
	Annual Change %		-0.98%	-4.19%	-3.34%	-1.15%	-1.17%	-6.49%	-1.35%	-0.16%	-4.78%	-3.87%	-1.61%	-0.52%	-0.20%	

## District Wide Enrollment History and Projection

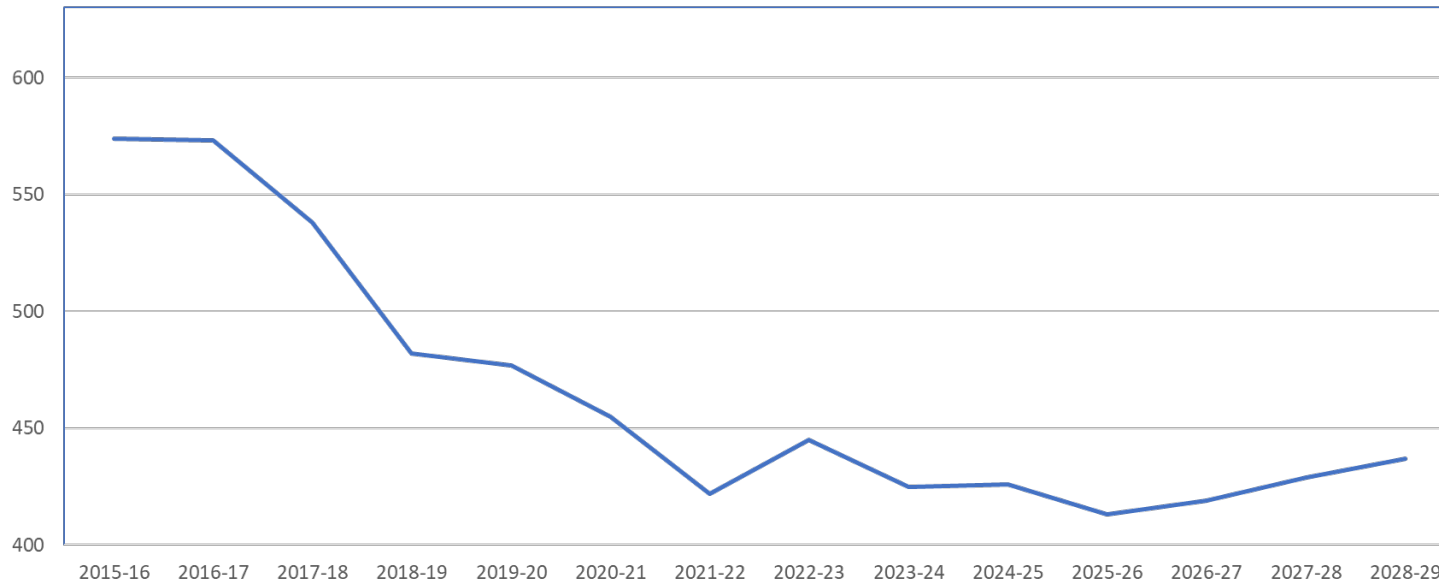


# **Grade Levels**



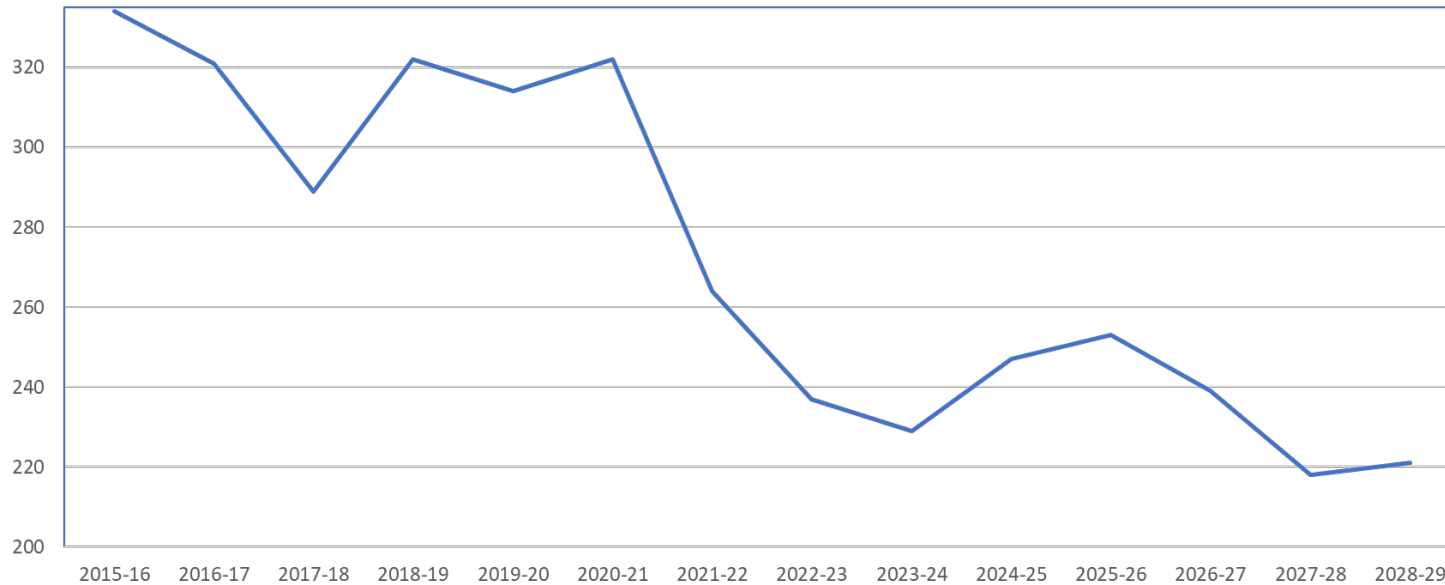
## School Enrollment History & Projection K-5

Year	K	1	2	3	4	5	Total
2015-16	80	91	94	126	94	89	574
2016-17	79	90	88	93	129	94	573
2017-18	79	70	85	92	84	128	538
2018-19	85	80	67	83	88	79	482
2019-20	79	83	79	67	79	90	477
2020-21	67	75	84	86	61	82	455
2021-22	65	64	71	80	81	61	422
2022-23	67	69	73	65	88	83	445
2023-24	60	60	74	70	68	93	425
2024-25	72	65	68	76	75	70	426
2025-26	68	71	62	67	72	72	413
2026-27	84	64	74	61	66	71	419
2027-28	80	83	66	72	60	68	429
2028-29	80	74	86	65	71	61	437



## School Enrollment History & Projections 6-8

Year	6	7	8	Total
2015-16	103	128	103	334
2016-17	90	105	126	321
2017-18	90	97	102	289
2018-19	130	91	101	322
2019-20	86	129	99	314
2020-21	97	90	135	322
2021-22	72	95	97	264
2022-23	66	78	93	237
2023-24	81	71	77	229
2024-25	90	83	74	247
2025-26	69	94	90	253
2026-27	73	69	98	239
2027-28	71	76	71	218
2028-29	69	74	78	221



## School Enrollment History and Projection 9-12

	9	10	11	12	Total
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	107	410
2021-22	134	99	91	100	424
2022-23	112	115	94	92	413
2023-24	101	97	117	87	402
2024-25	84	86	89	109	368
2025-26	76	82	84	92	334
2026-27	97	69	73	87	326
2027-28	105	88	64	76	332
2028-29	76	95	82	66	319

