

## **F.O.I. Compliance**

### **JOINT BOARD OF EDUCATION**

*Subject to approval*

**Date:** December 01, 2020

#### **Special Meeting – REMOTE MEETING held**

(To view a recording of this meeting, please visit our website [www.reg4.k12.ct.us](http://www.reg4.k12.ct.us) and select “Remote Meeting Recordings” under the BOARD OF EDUCATION Heading)

CHESTER BOARD OF EDUCATION: David Fitzgibbons, Tom Englert, Charlene Fearon, Rob Bibbiani, Rebecca Greenberg-Ellis

DEEP RIVER BOARD OF EDUCATION: Paula Weglarz, Miriam Morrissey, Bob Ferretti

ESSEX BOARD OF EDUCATION: Lon Seidman, DG Fitton, Mark Watson, Nancy Johnston

REGION 4 BOARD OF EDUCATION: Kate Sandmann, Paula Weglarz, Jane Cavanaugh, Lori Ann Clymas, Rob Bibbiani, Rick Daniels, DG Fitton, John Stack

Administration: Superintendent Brian J. White; Director of Pupil Services Sarah Smalley; Supervisor of Pupil Services Jennifer Nucci; Chester Elementary Principal Tyson Stoddard; Deep River Elementary Principal Lauren Feltz; Essex Elementary Principal Jennifer Tousignant; JWMS Principal Matt Espinosa, JWMS Associate Principal Peter Foxen; Valley Regional High School Associate Principal Carolyn Gbunblee; and Valley Regional High School Principal Mike Barile

#### **CALL TO ORDER**

Joint BOE Chair Kate Sandmann called the meeting to order at approx. 7:00 p.m.

The Chairs of the Chester, Deep River, Essex and Region 4 Boards of Education called their respective Boards to order at approx. 7:00 p.m.

Superintendent White introduced John Kennedy from NESDEC who will present the Boards with a multi-year demographic study which was approved by the Supervision District Committee and paid for with unexpended 2019-20 funds. This information will help to facilitate not only next year’s budget process but will also help with longer range strategic planning for the district, both at individual schools and as a whole.

Mr. Kennedy shared his presentation. (See attached)

Mr. Kennedy answered board member's questions.

**Public Comment**

No comments were made

**ADJOURNMENT:**

On motion duly made and seconded, the Chester, Deep River, Essex and Region 4 Boards unanimously VOTED to adjourn at approximately 8:29 p.m.



**Chester, Deep River, Essex  
CT Region 4 School District  
Demographic Study**

**November 2020**

# **NESDEC Project Team**

- **John H. Kennedy, M.A., Consultant**
- **Karen L. LeDuc, Ph.D., Consultant**
- **Donald G. Kennedy, Ed.D., Executive Consultant**
- **Arthur L. Bettencourt, Ed.D., Executive Director**

# Introduction



# Introduction

NESDEC entered into an agreement with the CT Region 4 School District (Chester, Deep River, Essex) to conduct a Demographic Study.

NESDEC was asked to prepare enrollment projections and to identify demographic factors that affect the student enrollments in the School District.

The NESDEC Team analyzed District and municipal records, including data provided by District school and town government officials, the U.S. Census Bureau, The Warren Group, HUD, and local realtors.

The Report opens with information pertaining to populations generally, as well as to school enrollments in particular. Data are presented regarding factors that influence school enrollments. An enrollment forecast begins on Page 22.

# Demographic Information



## **Scope of Report and Adjustments for Pandemic Economy**

This NESDEC Report and its enrollment projections are based upon data, interviews, and the most up-to-date demographic information available as of our completion date in November 2020.

As districts prepared for the 2020-21 school year in the COVID-19 era, administrators were sensitive to the changing budget landscape and to the uncertainty that the next year or two may bring.

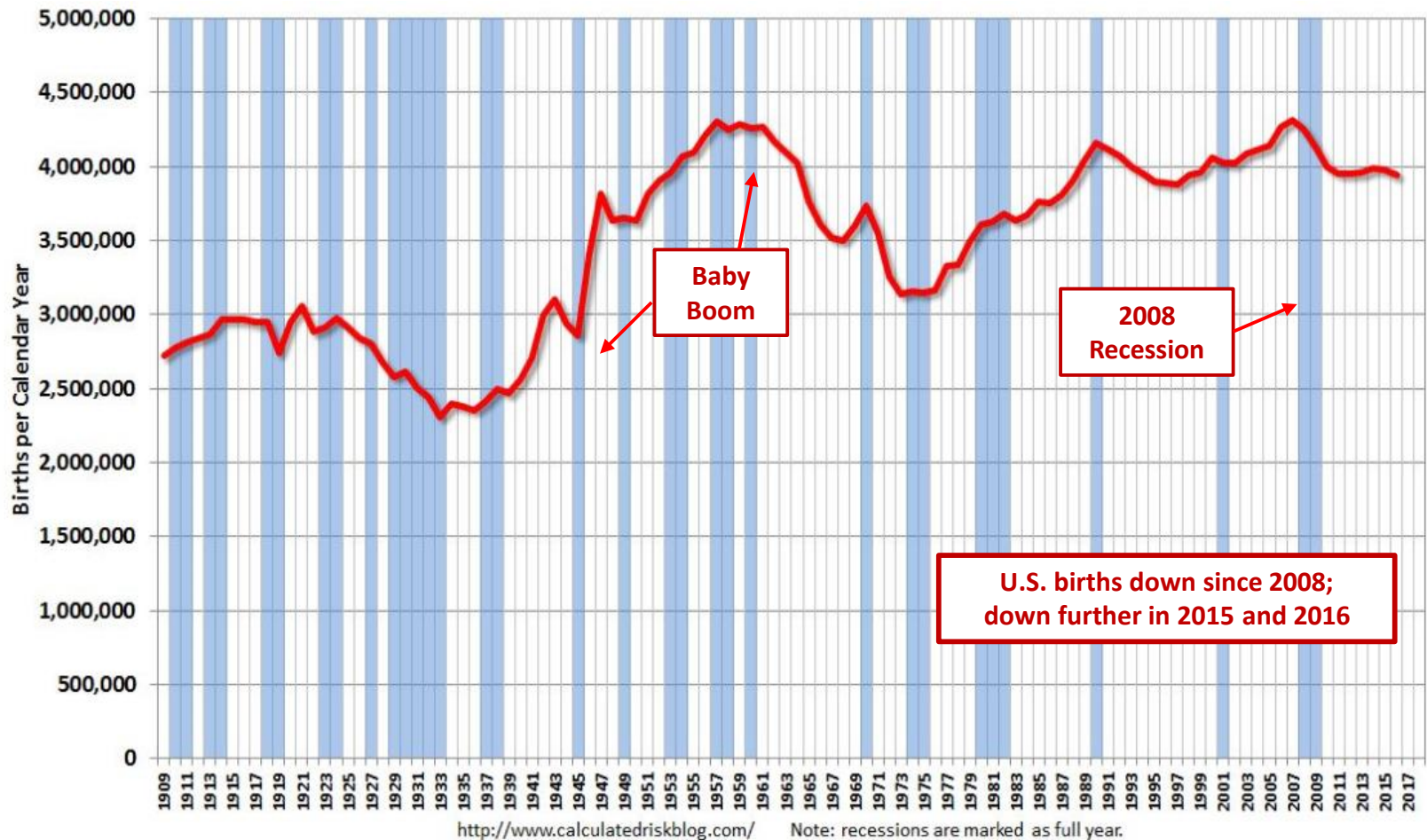
**Districts may need to make further adjustments for the Pandemic Economy.**

**Although many of the recent District decisions were related to the start of the current school year, the NESDEC report can also provide insight into additional complex organizational issues that may take several years to implement.**



# U. S. Births And Economic Cycles

(Source: [www.cdc.gov](http://www.cdc.gov))



# New England's PK-12 Enrollments

## The "Big Picture"

From 2016 to 2028, the US Department of Education anticipates changes in PK-12 enrollment of +5.4% in the South; +2.1% in the West, -2.1% in the Midwest; and -3.7% in the Northeast.

State	Fall 2016 PK - 12	Fall 2028 Projected	PK-12 Decline	% Change, 2016-2028
CT	535,118	471,100	-64,018	-12.0%
ME	180,512	171,600	-8,912	-5.0%
MA	964,514	939,400	-25,114	-2.6%
NH	180,888	161,000	-19,888	-11.0%
RI	142,150	135,700	-6,450	-4.5%
VT	88,428	80,400	-8,028	-9.0%

**Source:** USDE, National Center for Education Statistics, *Projections of Education Statistics to 2028*, Table 3, Pages 35-36; Published May 28, 2020.

Although most New England Districts are seeing a decline in the number of births, NESDEC's experience indicates that the impact on enrollment varies from District to District. Almost half of New England Districts have been growing in PK-12 enrollment, and a similar number are declining (often in rural areas) with the other Districts remaining stable.

# Demographic Analysis

## **Births – Data provided by the CT Department of Public Health**

- Between 2004 and 2008, total births in CT Region 4 towns averaged 144 per year.
- From 2009 and 2012, the average annual birth rate among District towns declined to 104 per year.
- Between 2013 and 2018, total births in CT Region 4 declined to an average of 85 births per year.

## CT Region 4 Population

	Chester	Deep River	Essex	District Total		State Total
<b>2010 Census</b>	3,994	4,629	6,683	<b>15,306</b>		<b>3,574,097</b>
<b>2011 Est.</b>	4,167	4,622	6,681	<b>15,470</b>		<b>3,588,283</b>
<b>2012 Est.</b>	4,242	4,601	6,640	<b>15,483</b>		<b>3,594,547</b>
<b>2013 Est.</b>	4,337	4,588	6,618	<b>15,543</b>		<b>3,594,841</b>
<b>2014 Est.</b>	4,304	4,554	6,604	<b>15,462</b>		<b>3,594,524</b>
<b>2015 Est.</b>	4,278	4,520	6,558	<b>15,356</b>		<b>3,587,122</b>
<b>2016 Est.</b>	4,248	4,493	6,528	<b>15,269</b>		<b>3,578,141</b>
<b>2017 Est.</b>	4,236	4,475	6,557	<b>15,268</b>		<b>3,573,297</b>
<b>2018 Est.</b>	4,233	4,461	6,667	<b>15,361</b>		<b>3,571,520</b>
<b>2019 Est.</b>	4,213	4,443	6,668	<b>15,324</b>		<b>3,565,287</b>

Source: U.S. Census Bureau

## CT Region 4

# Median Age of Population

	2000 Census	2010 Census
<b>United States</b>	35.3 years	37.2 years
<b>Connecticut</b>	37.4 years	40.0 years
<b>Middlesex County</b>	38.6 years	43.1 years
<b>Chester</b>	41.7 years	48.7 years
<b>Deep River</b>	39.1 years	43.9 years
<b>Essex</b>	43.4 years	49.2 years

Median Age can be a factor in predicting the number of future births.

Source: U.S. Census Bureau

# Residential Sales Outlook

## National and Regional Factors

On the national level, the “Baby Boomer” generation has begun turning 65 years of age at the rate of 10,000 per day, and this is projected to continue for the next 9 years. According to regional and local realtors, many from this age cohort are likely to downsize to smaller homes. *Thus, demand for apartment and condominium units is likely to increase, while the 3- and 4-bedroom homes vacated by the Boomers will most likely be purchased by families with children.*

*The Millennial Generation, born between 1980 and 1998, has been comparatively slow to become parents and purchase single-family homes. Many in this age group still have high college debt. However, many from this generation are now in their mid- to late 30’s, and they have decided to begin raising families. Thus, a significant portion are beginning to purchase single-family homes.*

## **Residential Sales Outlook – cont.**

### **National And Regional Factors – cont.**

According to Bloomberg, The National Association of Realtors used the U.S. Census Bureau's 2017 American Community Survey to track households with an age range of 19 to 37 in the 100 largest metro areas in the United States. The results of the study indicated that the New Haven-Milford area had the nation's highest percentage of Millennial move-ins (75.0%).

The CT Region 4 District Towns, considered to be part of the New Haven – Milford area, are approximately 30-40 miles from New Haven and less than an hour's drive away. According to information provided by the Warren Group and local realtors, prices in some of the New Haven area communities have increased to a level that exceeds affordability for many Millennials. However, median prices in the CT Region 4 District towns are reported to be within what is viewed as an affordable Millennial price range.

# Demographic Analysis

## Realtors

NESDEC's interviews with local realtors indicated the following:

- Days on the market prior to an offer – 1 week or less;
- If a home is properly priced, there are often multiple bids;
- **Inventory is low;**
- Homes priced at \$350,000 and under are selling most rapidly, but all price ranges are selling at a comparatively quicker rate;
- As is the case on the national level, families with, or planning to have, children, are most frequently the buyers of 2-4-bedroom homes;
- Boomers are looking to downsize. When they do sell, they are often vacating three- and four-bedroom homes that are typically purchased by families with children.



# **Demographic Analysis – Cont.**

## **Residential Sales**

### **Warren Group Data – Single-family Sales**

- Between 2001 and 2007, the current CT Region 4 member towns experienced a single-family sales boom, with average yearly sales totaling 210 per year;
- During the housing downturn of 2008 to 2012, the current CT Region 4 member towns' single-family home sales averaged 117 units per year;
- From 2013 to 2019, the current CT Region 4 member towns had a single-family home sales average of 173 units per year;
- In 2020, between January and the end of September, CT Region 4 member towns had a total of 146 single-family home sales.

## Chester, CT Home and Condo Sales

Year	Single-Family	S-F Median Sales Price	# Condo Units	Year	Single-Family	S-F Median Sales Price	# Condo Units
1997	40	\$169,963		2009	36	\$297,500	2
1998	58	\$173,000	1	2010	27	\$309,900	1
1999	62	\$186,000		2011	25	\$270,000	1
2000	53	\$203,000	1	2012	37	\$282,500	
2001	51	\$215,000		2013	32	\$318,000	1
2002	52	\$245,250	1	2014	47	\$246,000	2
2003	46	\$281,750		2015	49	\$295,000	2
2004	50	\$297,750	2	2016	46	\$262,000	
2005	49	\$299,900		2017	49 (41)	\$280,000	
2006	61	\$311,000	2	2018	43 (32)	\$305,000	
2007	40	\$333,500	3	2019	50 (34)	\$300,000	2 (1)
2008	30	\$322,500	3	2020	33	\$324,900	2

Source: The Warren Group, Commercial Record

Red data to September 30th of the year

## Deep River, CT Home and Condo Sales

Year	Single-Family	S-F Median Sales Price	# Condo Units	Year	Single-Family	S-F Median Sales Price	# Condo Units
1997	46	\$135,000	23	2009	30	\$231,950	3
1998	55	\$143,500	21	2010	36	\$246,500	9
1999	60	\$154,250	14	2011	30	\$218,000	2
2000	62	\$180,750	15	2012	31	\$257,500	11
2001	64	\$187,250	18	2013	33	\$255,000	9
2002	57	\$188,000	26	2014	38	\$229,000	5
2003	69	\$235,000	23	2015	47	\$232,000	8
2004	64	\$273,250	21	2016	56	\$235,500	9
2005	69	\$286,000	19	2017	41 (31)	\$222,000	20 (13)
2006	54	\$318,750	9	2018	48 (38)	\$256,375	14 (12)
2007	47	\$302,500	17	2019	66 (48)	\$293,500	10 (9)
2008	34	\$266,000	9	2020	29	\$287,000	5

Source: The Warren Group, Commercial Record

Red data to September 30th of the year

## Essex, CT Home and Condo Sales

Year	Single-Family	S-F Median Sales Price	# Condo Units	Year	Single-Family	S-F Median Sales Price	# Condo Units
1997	91	\$188,000	24	2009	63	\$393,500	14
1998	105	\$215,000	32	2010	60	\$357,450	13
1999	143	\$242,000	24	2011	57	\$375,000	10
2000	115	\$259,900	18	2012	60	\$303,000	9
2001	96	\$260,000	19	2013	60	\$373,500	9
2002	95	\$329,000	34	2014	79	\$370,000	11
2003	67	\$330,000	11	2015	70	\$367,250	15
2004	122	\$390,025	11	2016	88	\$316,500	19
2005	123	\$460,000	30	2017	91 (69)	\$337,500	10 (6)
2006	97	\$489,000	23	2018	95 (81)	\$355,000	18 (11)
2007	96	\$414,250	15	2019	85 (65)	\$386,500	17 (11)
2008	54	\$399,950	9	2020	84	\$385,000	10

Source: The Warren Group, Commercial Record

Red data to September 30th of the year

## CT Region 4 Housing Details by Town

		Dwellings	Occupied April 1	Owner- occupied	% units Owner- occupied	Renter- occupied	% units Renter- occupied	Vacant April 1	For Seasonal use	Rental vacancy rate
<b>2000</b>	<b>Chester</b>	1,613	1,510	1,122	74%	388	26%	103	57	3.0%
	<b>Deep River</b>	1,910	1,824	1,365	75%	459	25%	86	29	3.6%
	<b>Essex</b>	2,977	2,811	2,228	79%	583	21%	166	74	1.7%
<b>2010</b>	<b>Chester</b>	1,923	1,714	1,212	71%	502	29%	209	75	13.7%
	<b>Deep River</b>	2,096	1,940	1,488	77%	452	23%	156	56	8.1%
	<b>Essex</b>	3,261	2,916	2,317	80%	599	20%	345	151	8.2%

Source: U.S. Census 2000, 2010 Housing Occupancy and Tenure



## Building Permit Data for Member Towns in CT Region 4

		Chester	Deep River	Essex
2005	Single-family	12	4	12
	Multi-family	0	0	0
2015	Single-family	0	1	4
	Multi-family	0	0	0
2016	Single-family	4	2	10
	Multi-family	0	0	22
2017	Single-family	3	2	14
	Multi-family	0	0	56
2018	Single-family	0	2	18
	Multi-family	0	0	0
2019	Single-family	1	1	6
	Multi-family	0	0	0
2020	Single-family	0	1	5
	Multi-family	0	0	0

Source: HUD

\* 2020 HUD data is preliminary and dependent upon town data submission to HUD.

## **Demographic Analysis – Cont.**

Information provided by the Town Planning Departments indicates:

- In Chester, there are no multi-unit, single-family, condo, or apartment projects approved and under construction, approved and awaiting construction, or in the approval process.
- In Deep River, The Cranberry Bog, a 12-lot single-family project, is under construction.
- In Essex, the Lofts at Spencer Corner, a 17-unit affordable housing project, is expected to be completed in February of 2021, consisting of 4 one-bedroom, 10 two-bedroom, and 3 three-bedroom units.
- In Essex, there are no other multi-unit single-family, condo or apartment projects that are approved and under construction, approved and awaiting construction, or in the approval process.

# Enrollment Projections





# Assumptions Of The NESDEC Enrollment Projections

The NESDEC enrollment forecast for CT Region 4 was based upon the cumulative effect of several factors, including:

- A steady rise in the number of single-family sales beginning in 2016 and continuing for the foreseeable future (see data above)
- Realtor and Planning Department Information (see data above)
- Continued economic stability on the national and regional levels

# Chester, CT Historical Enrollment

School District: Chester, CT - RSD #4

11/12/2020

## Historical Enrollment By Grade

Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	29	2010-11	0	33	36	39	42	43	39	43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	275	275
2006	32	2011-12	0	31	37	36	37	41	43	34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	259	259
2007	31	2012-13	0	32	27	34	38	38	39	43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	251	251
2008	30	2013-14	0	28	27	26	36	37	37	37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	228	228
2009	25	2014-15	0	27	29	27	28	34	40	34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	219	219
2010	26	2015-16	0	21	28	30	27	27	35	43	31	39	36	28	35	39	0	419	419
2011	28	2016-17	0	29	23	29	30	30	30	35	43	33	30	35	28	35	0	410	410
2012	25	2017-18	0	31	34	26	27	28	30	29	37	45	32	32	38	31	0	420	420
2013	27	2018-19	0	29	31	32	20	26	25	31	31	36	42	32	33	38	0	406	406
2014	20	2019-20	4	30	23	30	31	19	29	24	31	35	33	43	36	35	0	399	403
2015	24	2020-21	10	25	32	27	29	33	21	32	23	35	30	33	40	38	0	398	408

## Historical Enrollment in Grade Combinations

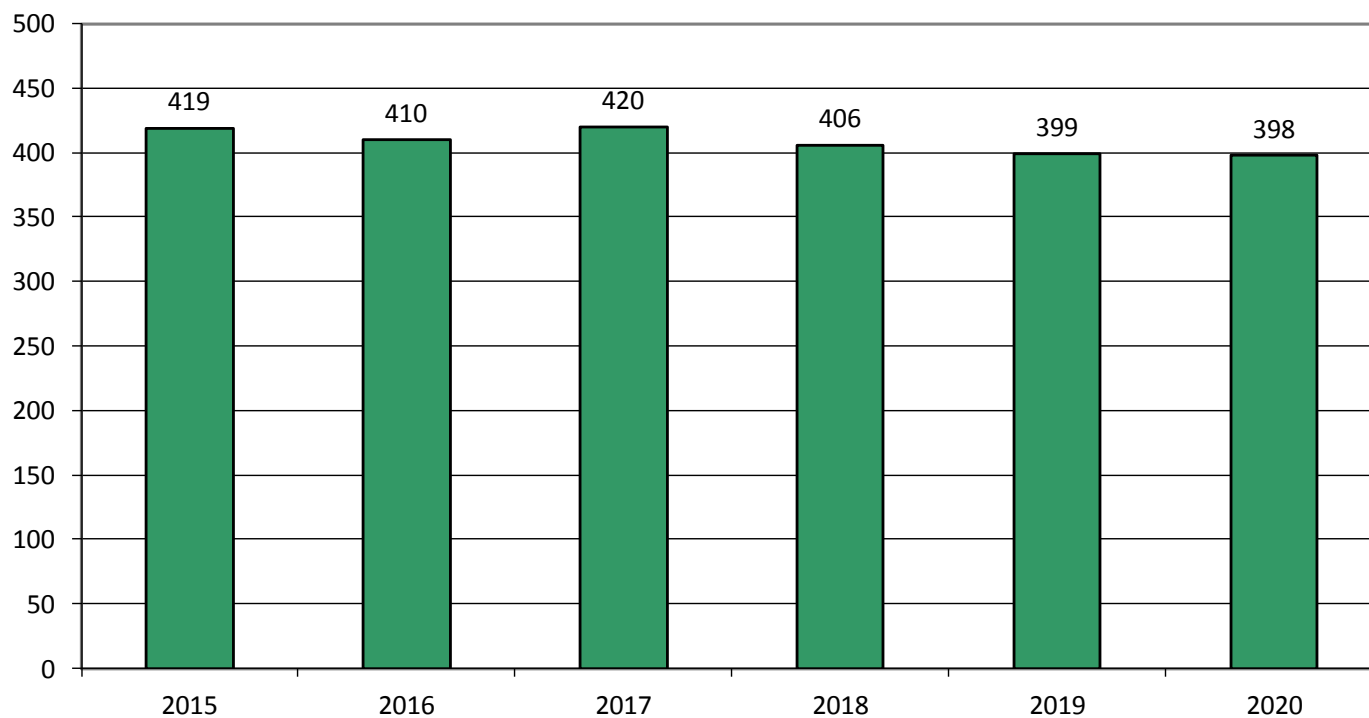
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	275	232	275	N/A	N/A	N/A	N/A	N/A	N/A
2011-12	259	225	259	N/A	N/A	N/A	N/A	N/A	N/A
2012-13	251	208	251	N/A	N/A	N/A	N/A	N/A	N/A
2013-14	228	191	228	N/A	N/A	N/A	N/A	N/A	N/A
2014-15	219	185	219	N/A	N/A	N/A	N/A	N/A	N/A
2015-16	211	168	211	281	148	113	70	208	138
2016-17	206	171	206	282	141	111	76	204	128
2017-18	205	176	205	287	141	111	82	215	133
2018-19	194	163	194	261	123	98	67	212	145
2019-20	190	162	186	252	119	90	66	213	147
2020-21	209	167	199	257	111	90	58	199	141

## Historical Percentage Changes

Year	K-12	Diff.	%
2010-11	275	0	0.0%
2011-12	259	-16	-5.8%
2012-13	251	-8	-3.1%
2013-14	228	-23	-9.2%
2014-15	219	-9	-3.9%
2015-16	419	200	91.3%
2016-17	410	-9	-2.1%
2017-18	420	10	2.4%
2018-19	406	-14	-3.3%
2019-20	399	-7	-1.7%
2020-21	398	-1	-0.3%
Change	123		44.7%

## Chester, CT Historical Enrollment

**K-12, 2010-2020**



# Chester, CT Projected Enrollment

School District:

Chester, CT - RSD #4

11/12/2020

Enrollment Projections By Grade*																				
Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2015	24		2020-21	10	25	32	27	29	33	21	32	23	35	30	33	40	38	0	398	408
2016	32		2021-22	10	39	25	33	24	29	34	22	32	25	32	30	34	42	0	401	411
2017	27		2022-23	11	33	38	26	30	24	30	35	22	34	23	32	31	36	0	394	405
2018	19	0	2023-24	11	23	32	40	23	30	25	31	36	24	31	23	33	32	0	383	394
2019	17	(prov.)	2024-25	12	21	23	33	36	23	31	26	31	39	22	31	24	34	0	374	386
2020	24	(est.)	2025-26	12	29	21	24	30	35	24	32	26	33	35	22	32	25	0	368	380
2021	24	(est.)	2026-27	13	29	28	22	22	30	36	25	32	28	30	36	23	33	0	374	387
2022	22	(est.)	2027-28	13	27	28	29	20	22	31	37	25	34	25	30	37	24	0	369	382
2023	21	(est.)	2028-29	14	26	26	29	26	20	23	32	38	27	31	25	31	39	0	373	387
2024	22	(est.)	2029-30	14	26	25	27	26	26	21	24	32	41	25	31	26	32	0	362	376
2025	22	(est.)	2030-31	15	27	25	26	24	26	27	22	24	34	37	25	32	27	0	356	371

Note: Ungraded students (UNGR) often are high school students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.



Based on an estimate of births



Based on children already born



Based on students already enrolled

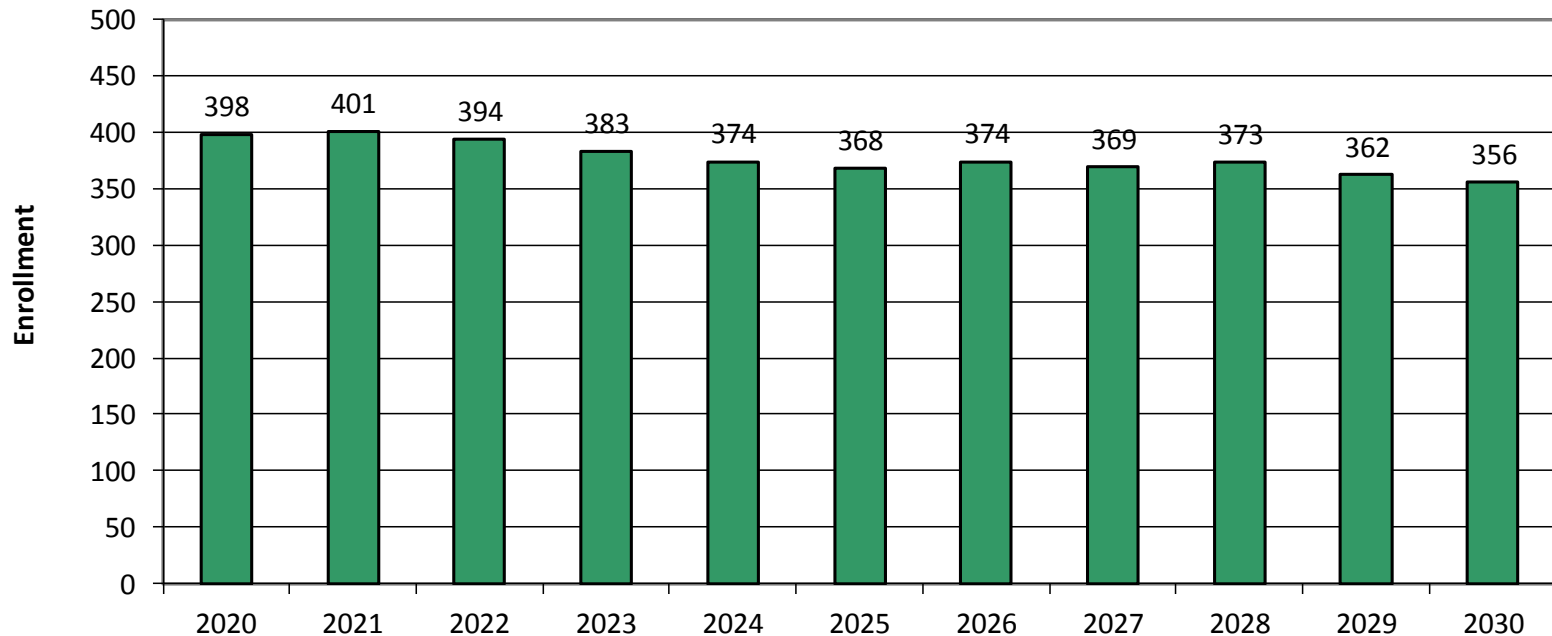
Projected Enrollment in Grade Combinations*									
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2020-21	209	167	199	257	111	90	58	199	141
2021-22	216	184	206	263	113	79	57	195	138
2022-23	227	181	216	272	121	91	56	178	122
2023-24	215	173	204	264	116	91	60	179	119
2024-25	205	167	193	263	127	96	70	181	111
2025-26	207	163	195	254	115	91	59	173	114
2026-27	205	167	192	252	121	85	60	182	122
2027-28	207	157	194	253	127	96	59	175	116
2028-29	196	150	182	247	120	97	65	191	126
2029-30	189	151	175	248	118	97	73	187	114
2030-31	192	155	177	235	107	80	58	179	121

Projected Percentage Changes			
Year	K-12	Diff.	%
2020-21	398	0	0.0%
2021-22	401	3	0.8%
2022-23	394	-7	-1.7%
2023-24	383	-11	-2.8%
2024-25	374	-9	-2.3%
2025-26	368	-6	-1.6%
2026-27	374	6	1.6%
2027-28	369	-5	-1.3%
2028-29	373	4	1.1%
2029-30	362	-11	-2.9%
2030-31	356	-6	-1.7%
Change	-42		-10.6%

\*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

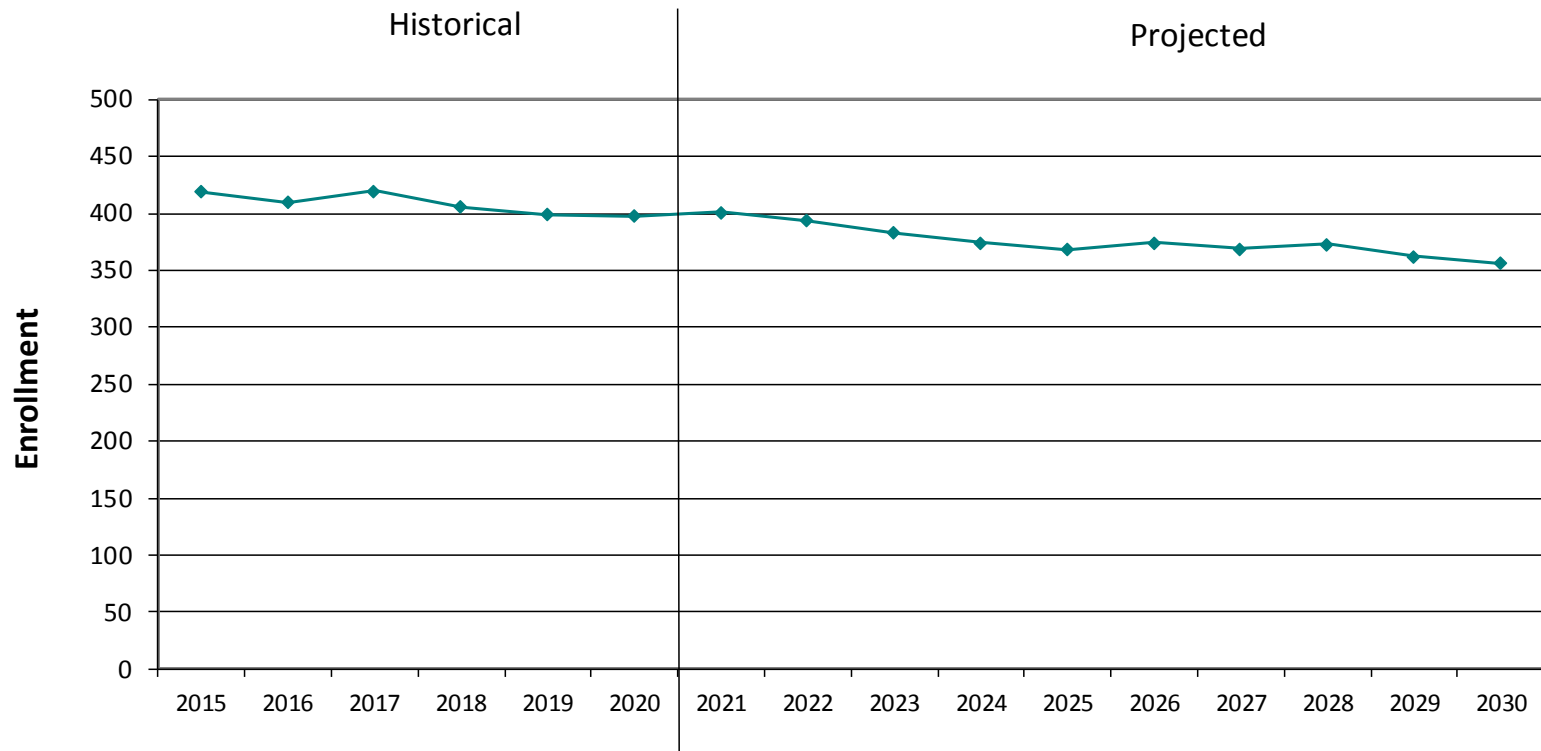
## Chester, CT Projected Enrollment

**K-12 To 2030 Based On Data Through School Year 2020-21**

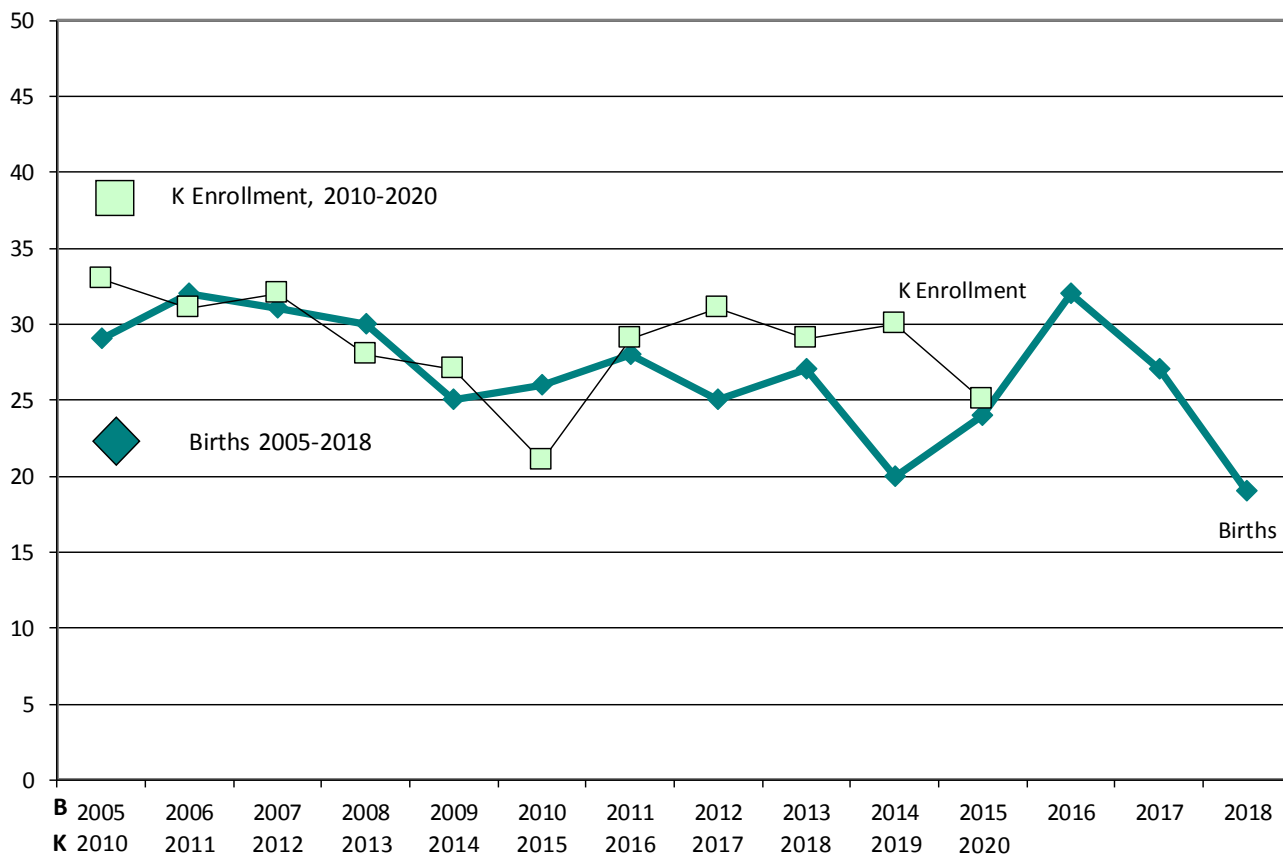


# Chester, CT Historical & Projected Enrollment

K-12, 2010-2030



# Chester, CT Birth-to-Kindergarten Relationship



# Chester, CT Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	12	0
2016	4	0
2017	3	0
2018	0	0
2019	1	0
2020	0 to date	0 to date

Source: HUD and Building Department

Enrollment History		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2005-06	0	0
2016-17	0	0
2017-18	0	0
2018-19	0	0
2019-20	n/a	2
2020-21	n/a	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students	
2020	2

K-12 Residents in Charter or Magnet Schools, or "Choiced-out"	
2020	0

K-12 Special Education Outplaced Students	
2020	1

K-12 Tuitioned-In, Choiced-In, & Other Non- Residents	
2020	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.



# Deep River, CT Historical Enrollment

School District:

Deep River, CT - RSD #4

11/12/2020

## Historical Enrollment By Grade

Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	51	2010-11	0	48	59	40	51	55	55	43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	351	351
2006	60	2011-12	0	55	46	56	41	47	56	56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	357	357
2007	49	2012-13	0	46	52	46	53	42	53	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	347	347
2008	39	2013-14	0	38	43	52	47	53	42	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	330	330
2009	43	2014-15	0	43	30	45	52	43	55	44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	312	312
2010	37	2015-16	0	34	43	29	47	50	43	58	47	52	53	47	47	51	0	601	601
2011	38	2016-17	0	29	38	42	30	45	53	48	59	47	58	54	48	51	0	602	602
2012	34	2017-18	0	30	33	39	43	32	44	55	50	58	44	57	54	52	0	591	591
2013	27	2018-19	0	29	27	34	37	41	33	41	55	50	56	48	57	58	0	566	566
2014	26	2019-20	14	34	28	23	37	37	42	34	41	55	42	50	46	53	0	522	536
2015	32	2020-21	12	21	28	30	25	36	37	44	34	43	57	46	59	54	0	514	526

## Historical Enrollment in Grade Combinations

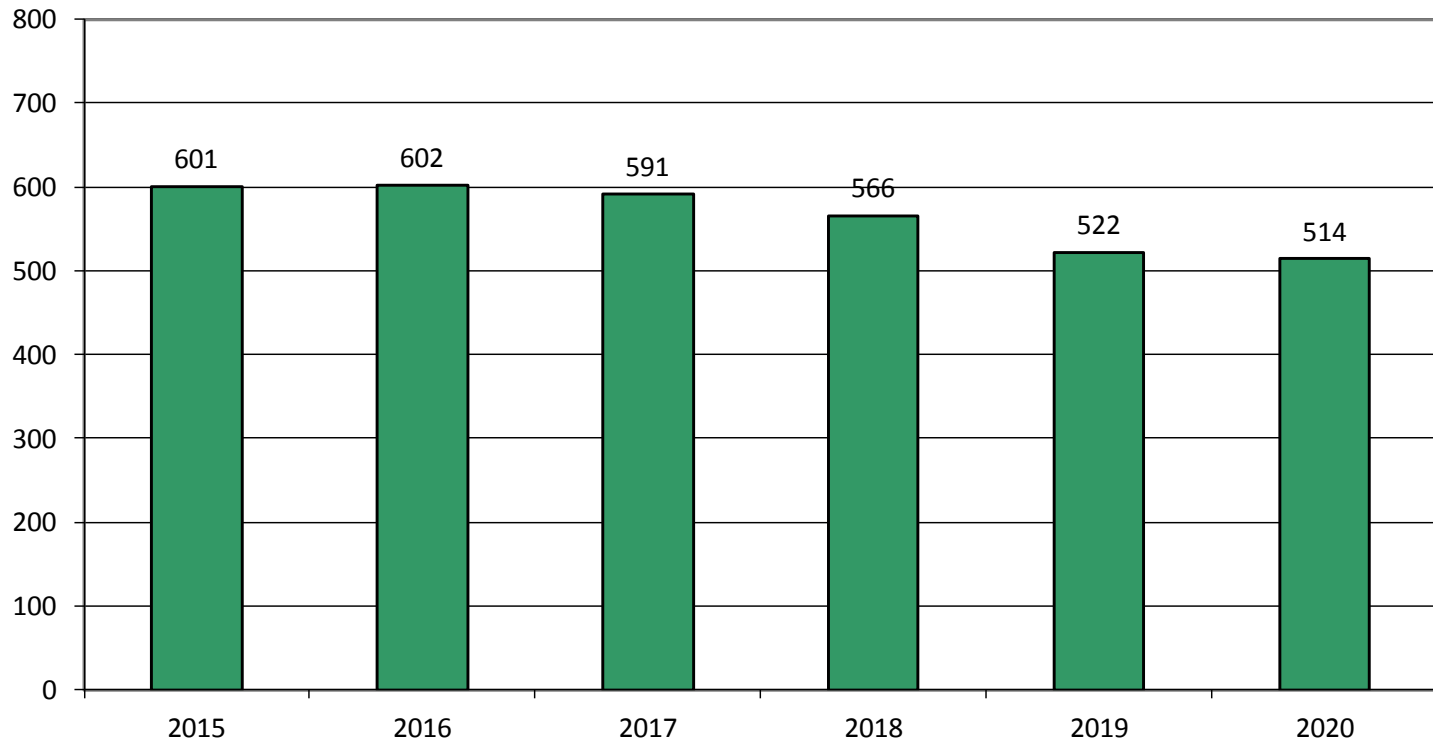
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	351	308	351	N/A	N/A	N/A	N/A	N/A	N/A
2011-12	357	301	357	N/A	N/A	N/A	N/A	N/A	N/A
2012-13	347	292	347	N/A	N/A	N/A	N/A	N/A	N/A
2013-14	330	275	330	N/A	N/A	N/A	N/A	N/A	N/A
2014-15	312	268	312	N/A	N/A	N/A	N/A	N/A	N/A
2015-16	304	246	304	403	200	157	99	297	198
2016-17	285	237	285	391	207	154	106	317	211
2017-18	276	221	276	384	207	163	108	315	207
2018-19	242	201	242	347	179	146	105	324	219
2019-20	249	201	235	331	172	130	96	287	191
2020-21	233	177	221	298	158	121	77	293	216

## Historical Percentage Changes

Year	K-12	Diff.	%
2010-11	351	0	0.0%
2011-12	357	6	1.7%
2012-13	347	-10	-2.8%
2013-14	330	-17	-4.9%
2014-15	312	-18	-5.5%
2015-16	601	289	92.6%
2016-17	602	1	0.2%
2017-18	591	-11	-1.8%
2018-19	566	-25	-4.2%
2019-20	522	-44	-7.8%
2020-21	514	-8	-1.5%
Change	163	46.4%	

## Deep River, CT Historical Enrollment

K-12, 2010-2020



# Deep River, CT Projected Enrollment

School District:

Deep River, CT - RSD #4

11/12/2020

## Enrollment Projections By Grade\*

Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2015	32		2020-21	12	21	28	30	25	36	37	44	34	43	57	46	59	54	0	514	526
2016	37		2021-22	12	39	21	28	31	25	37	37	44	35	41	58	48	62	0	506	518
2017	31		2022-23	13	33	40	21	29	30	25	37	37	45	33	42	61	51	0	484	497
2018	28	0	2023-24	13	30	34	39	22	28	31	25	37	38	43	34	44	65	0	470	483
2019	18	(prov.)	2024-25	14	19	31	33	41	22	29	31	25	38	36	44	36	47	0	432	446
2020	29	(est.)	2025-26	14	31	19	31	34	40	22	29	31	25	36	37	46	38	0	419	433
2021	29	(est.)	2026-27	15	30	32	19	32	33	41	22	29	32	24	37	39	49	0	419	434
2022	27	(est.)	2027-28	15	29	31	32	20	31	34	41	22	29	30	24	39	41	0	403	418
2023	26	(est.)	2028-29	16	28	30	31	33	20	32	34	41	22	27	31	25	41	0	395	411
2024	26	(est.)	2029-30	16	27	29	30	32	32	20	32	34	42	21	28	32	26	0	385	401
2025	27	(est.)	2030-31	17	29	28	29	31	31	33	20	32	35	40	21	29	34	0	392	409

Note: Ungraded students (UNGR) often are high school students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.



Based on an estimate of births



Based on children already born



Based on students already enrolled

## Projected Enrollment in Grade Combinations\*

Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2020-21	233	177	221	298	158	121	77	293	216
2021-22	230	181	218	297	153	116	79	288	209
2022-23	228	178	215	297	144	119	82	269	187
2023-24	222	184	209	284	131	100	75	261	186
2024-25	220	175	206	269	123	94	63	226	163
2025-26	220	177	206	262	107	85	56	213	157
2026-27	224	187	209	270	124	83	61	210	149
2027-28	233	177	218	269	126	92	51	185	134
2028-29	224	174	208	271	129	97	63	187	124
2029-30	218	170	202	278	128	108	76	183	107
2030-31	218	181	201	268	120	87	67	191	124

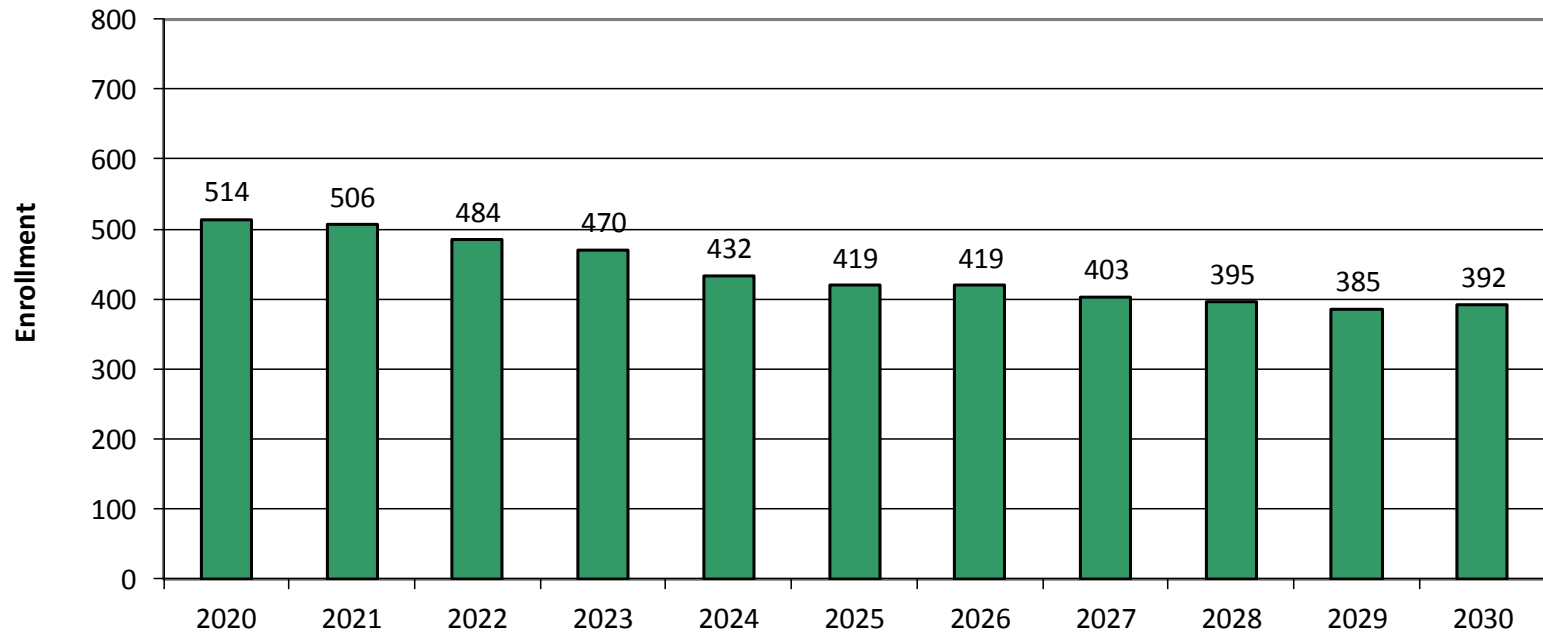
## Projected Percentage Changes

Year	K-12	Diff.	%
2020-21	514	0	0.0%
2021-22	506	-8	-1.6%
2022-23	484	-22	-4.3%
2023-24	470	-14	-2.9%
2024-25	432	-38	-8.1%
2025-26	419	-13	-3.0%
2026-27	419	0	0.0%
2027-28	403	-16	-3.8%
2028-29	395	-8	-2.0%
2029-30	385	-10	-2.5%
2030-31	392	7	1.8%
Change	-122		-23.7%

\*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

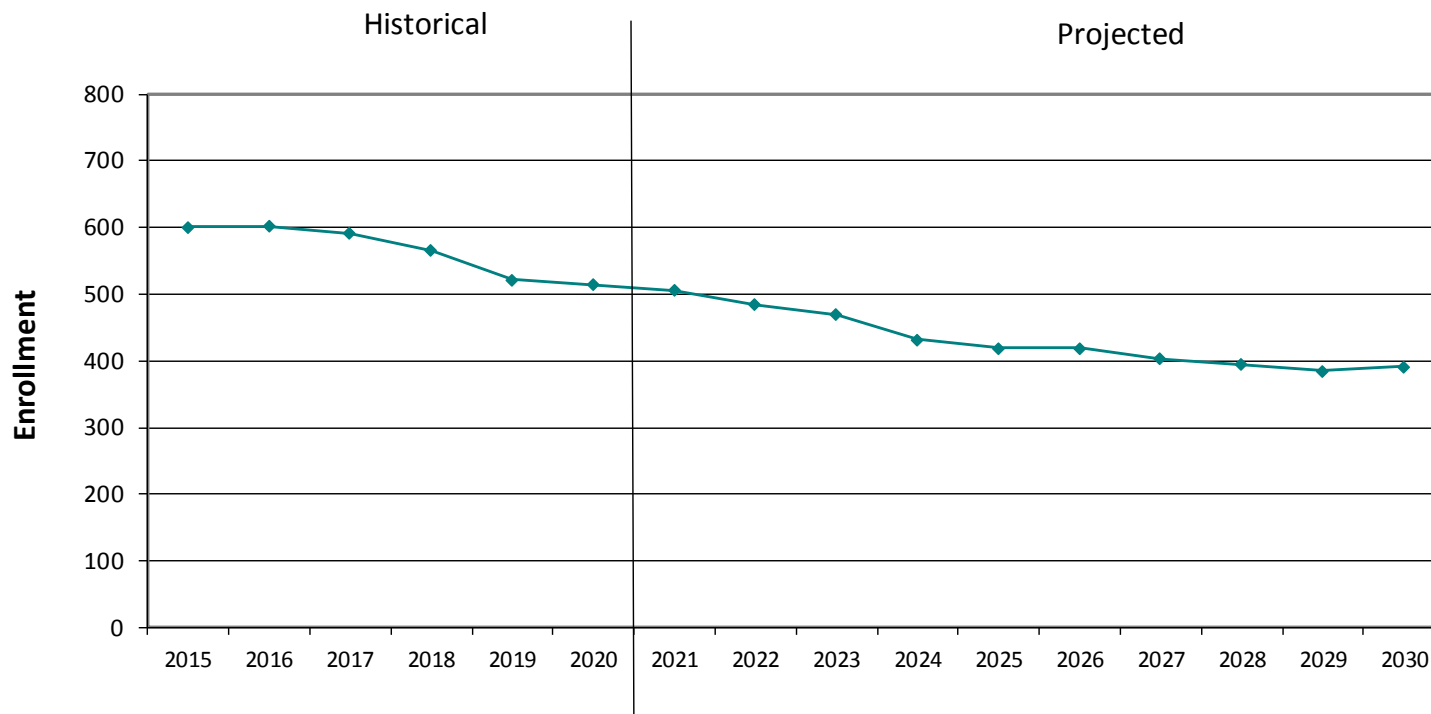
## Deep River, CT Projected Enrollment

**K-12 To 2030 Based On Data Through School Year 2020-21**

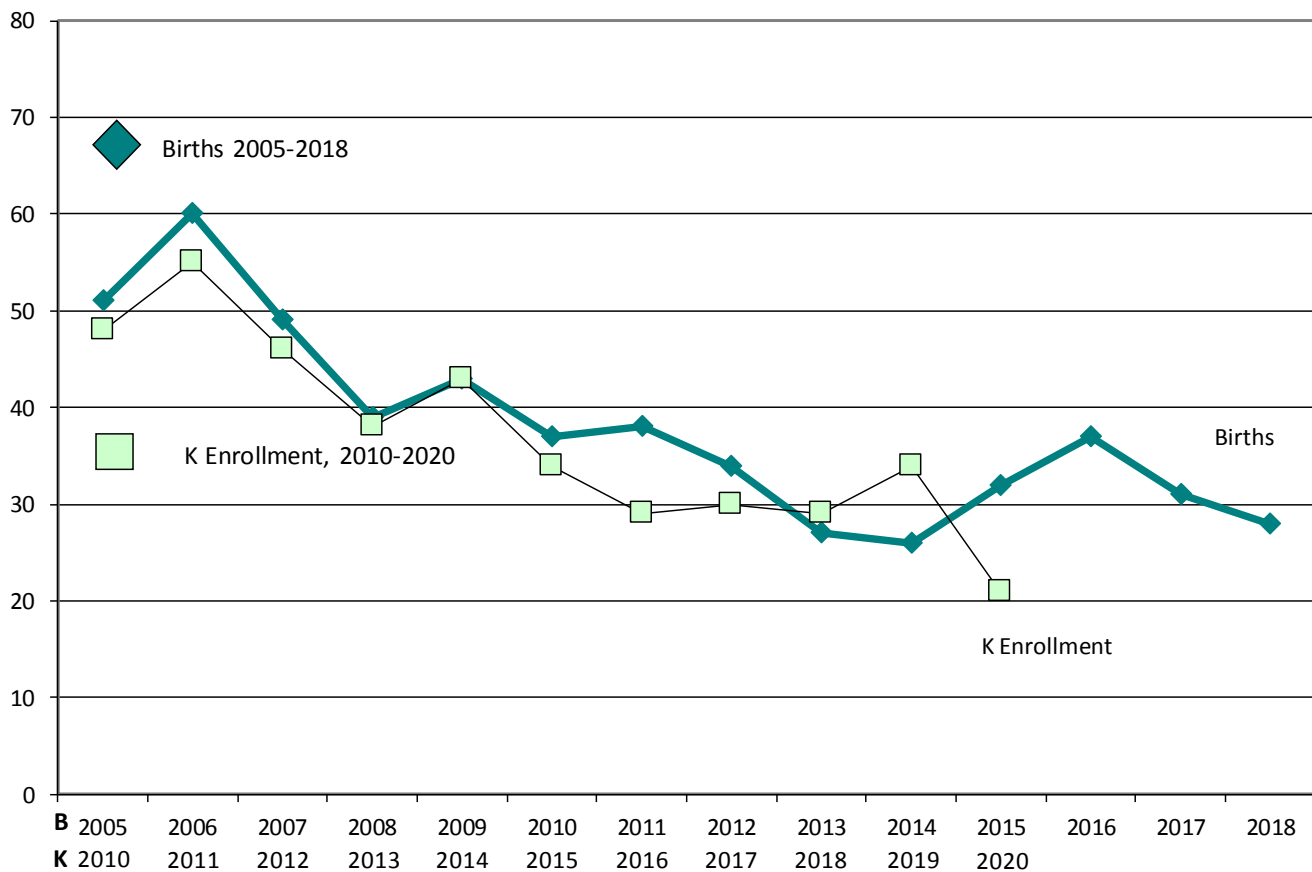


# Deep River, CT Historical & Projected Enrollment

K-12, 2010-2030



# Deep River, CT Birth-to-Kindergarten Relationship



# Deep River, CT Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	4	0
2016	2	0
2017	2	0
2018	2	0
2019	1	0
2020	3 to date	0

Source: HUD and Building Department

Enrollment History		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2005-06	0	0
2016-17	0	0
2017-18	0	0
2018-19	0	0
2019-20	0	n/a
2020-21	n/a	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students	
2020	5

K-12 Residents in Charter or Magnet Schools, or "Choiced-out"	
2020	0

K-12 Special Education Outplaced Students	
2020	5

K-12 Tuitioned-In, Choiced-In, & Other Non- Residents	
2020	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

# Essex, CT Historical Enrollment

School District: Essex, CT - RSD #4

11/12/2020

## Historical Enrollment By Grade

Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	56	2010-11	43	56	86	80	75	72	94	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	548	591
2006	59	2011-12	39	48	59	89	79	74	75	95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	519	558
2007	52	2012-13	51	48	49	61	87	83	75	74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	477	528
2008	46	2013-14	57	57	50	50	57	86	80	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	451	508
2009	41	2014-15	44	38	63	41	52	55	84	74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	407	451
2010	36	2015-16	55	27	39	63	40	55	56	82	71	75	59	79	64	61	0	771	826
2011	48	2016-17	37	44	39	42	60	39	55	55	81	70	67	58	79	64	0	753	790
2012	27	2017-18	33	35	41	37	41	61	42	56	56	81	61	67	64	77	0	719	752
2013	29	2018-19	36	31	38	40	41	43	64	42	59	58	71	58	60	55	0	660	696
2014	27	2019-20	10	37	33	39	38	45	43	63	40	55	53	75	54	62	0	637	647
2015	36	2020-21	11	32	39	34	42	38	47	47	64	45	53	51	74	60	0	626	637

## Historical Enrollment in Grade Combinations

Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	591	463	548	N/A	N/A	N/A	N/A	N/A	N/A
2011-12	558	424	519	N/A	N/A	N/A	N/A	N/A	N/A
2012-13	528	403	477	N/A	N/A	N/A	N/A	N/A	N/A
2013-14	508	380	451	N/A	N/A	N/A	N/A	N/A	N/A
2014-15	451	333	407	N/A	N/A	N/A	N/A	N/A	N/A
2015-16	417	280	362	508	284	228	146	409	263
2016-17	371	279	334	485	261	206	151	419	268
2017-18	346	257	313	450	235	193	137	406	269
2018-19	335	257	299	416	223	159	117	361	244
2019-20	308	235	298	393	201	158	95	339	244
2020-21	290	232	279	388	203	156	109	347	238

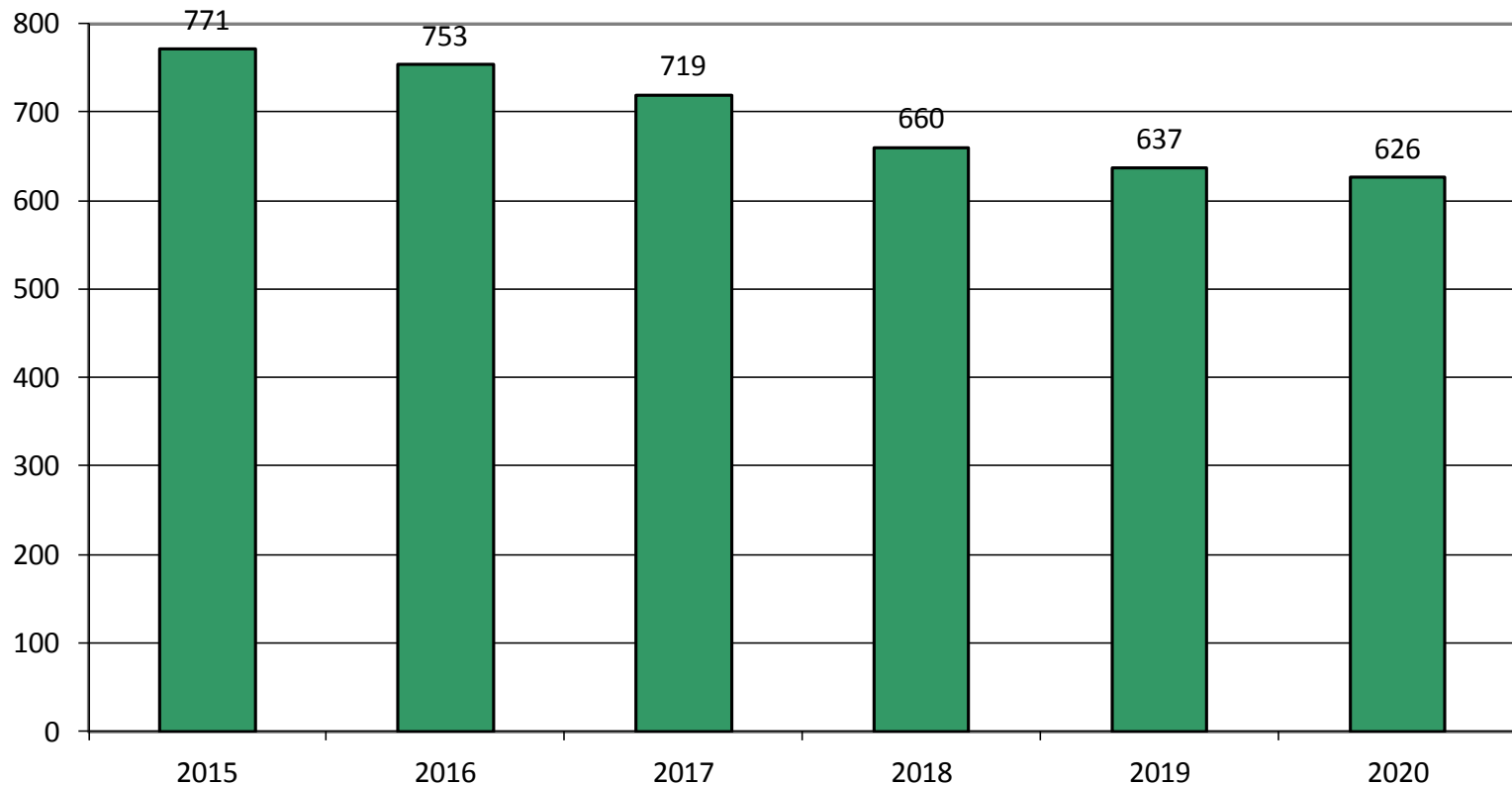
## Historical Percentage Changes

Year	K-12	Diff.	%
2010-11	548	0	0.0%
2011-12	519	-29	-5.3%
2012-13	477	-42	-8.1%
2013-14	451	-26	-5.5%
2014-15	407	-44	-9.8%
2015-16	771	364	89.4%
2016-17	753	-18	-2.3%
2017-18	719	-34	-4.5%
2018-19	660	-59	-8.2%
2019-20	637	-23	-3.5%
2020-21	626	-11	-1.7%
Change	78		14.2%



# Essex, CT Historical Enrollment

**K-12, 2010-2020**



# Essex, CT Projected Enrollment

School District: Essex, CT - RSD #4

11/12/2020

## Enrollment Projections By Grade\*

Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2015	36		2020-21	11	32	39	34	42	38	47	47	64	45	53	51	74	60	0	626	637
2016	29		2021-22	12	35	34	39	36	44	39	48	47	66	41	52	48	74	0	603	615
2017	24		2022-23	13	29	37	34	41	38	45	40	48	48	61	41	49	48	0	559	572
2018	35	0	2023-24	14	42	31	37	36	43	39	46	40	49	44	60	39	49	0	555	569
2019	45	(prov.)	2024-25	15	54	45	31	39	38	44	40	46	41	45	44	57	39	0	563	578
2020	34	(est.)	2025-26	16	41	58	45	32	41	39	45	40	47	38	45	42	57	0	570	586
2021	33	(est.)	2026-27	17	40	44	59	47	34	42	40	45	41	43	38	43	42	0	558	575
2022	34	(est.)	2027-28	18	41	43	44	62	49	35	43	40	46	38	43	36	43	0	563	581
2023	36	(est.)	2028-29	19	44	44	43	46	65	51	36	43	41	42	38	41	36	0	570	589
2024	37	(est.)	2029-30	20	44	47	44	45	48	67	52	36	44	38	42	36	41	0	584	604
2025	35	(est.)	2030-31	21	42	47	48	46	47	49	69	52	37	40	38	40	36	0	591	612

Note: Ungraded students (UNGR) often are high school students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.



Based on an estimate of births



Based on children already born



Based on students already enrolled

## Projected Enrollment in Grade Combinations\*

Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2020-21	290	232	279	388	203	156	109	347	238
2021-22	287	227	275	388	200	161	113	328	215
2022-23	277	224	264	360	181	136	96	295	199
2023-24	288	228	274	363	174	135	89	281	192
2024-25	306	251	291	378	171	127	87	272	185
2025-26	317	256	301	388	171	132	87	269	182
2026-27	323	266	306	392	168	126	86	252	166
2027-28	335	274	317	403	164	129	86	246	160
2028-29	348	293	329	413	171	120	84	241	157
2029-30	367	295	347	427	199	132	80	237	157
2030-31	369	279	348	437	207	158	89	243	154

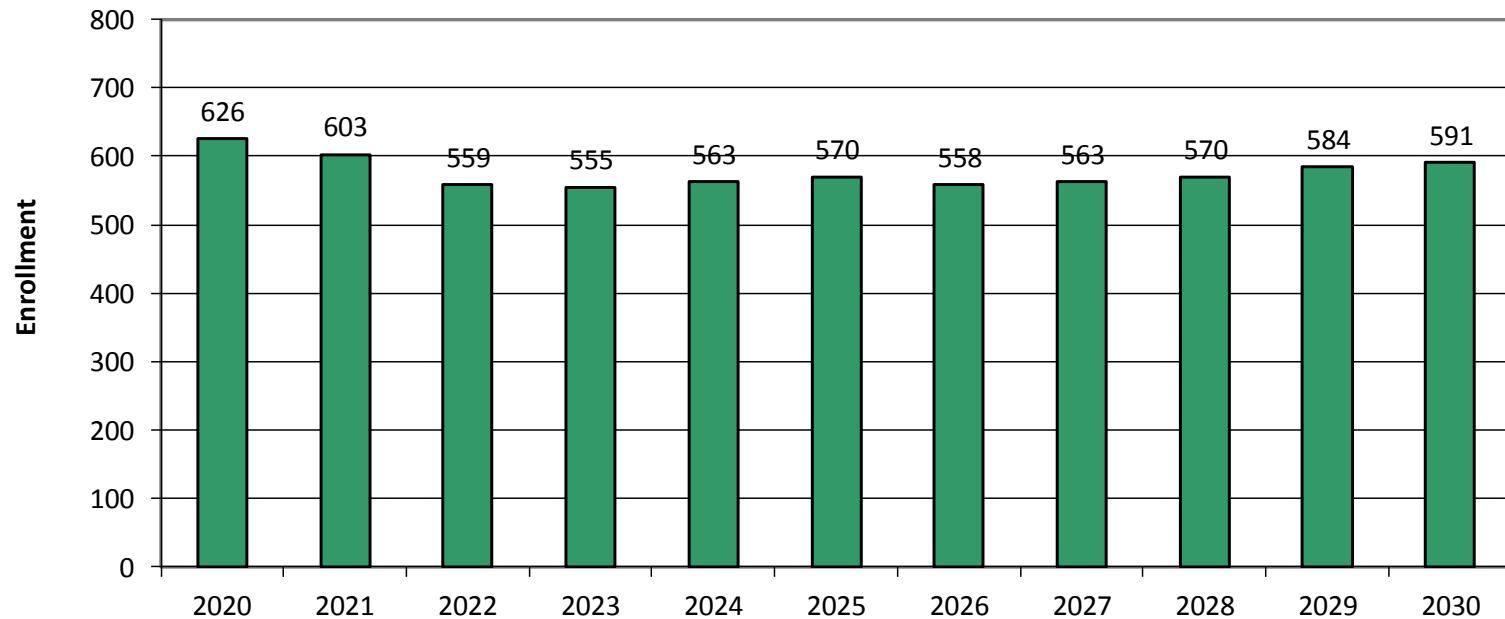
## Projected Percentage Changes

Year	K-12	Diff.	%
2020-21	626	0	0.0%
2021-22	603	-23	-3.7%
2022-23	559	-44	-7.3%
2023-24	555	-4	-0.7%
2024-25	563	8	1.4%
2025-26	570	7	1.2%
2026-27	558	-12	-2.1%
2027-28	563	5	0.9%
2028-29	570	7	1.2%
2029-30	584	14	2.5%
2030-31	591	7	1.2%
Change	-35		-5.6%

\*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

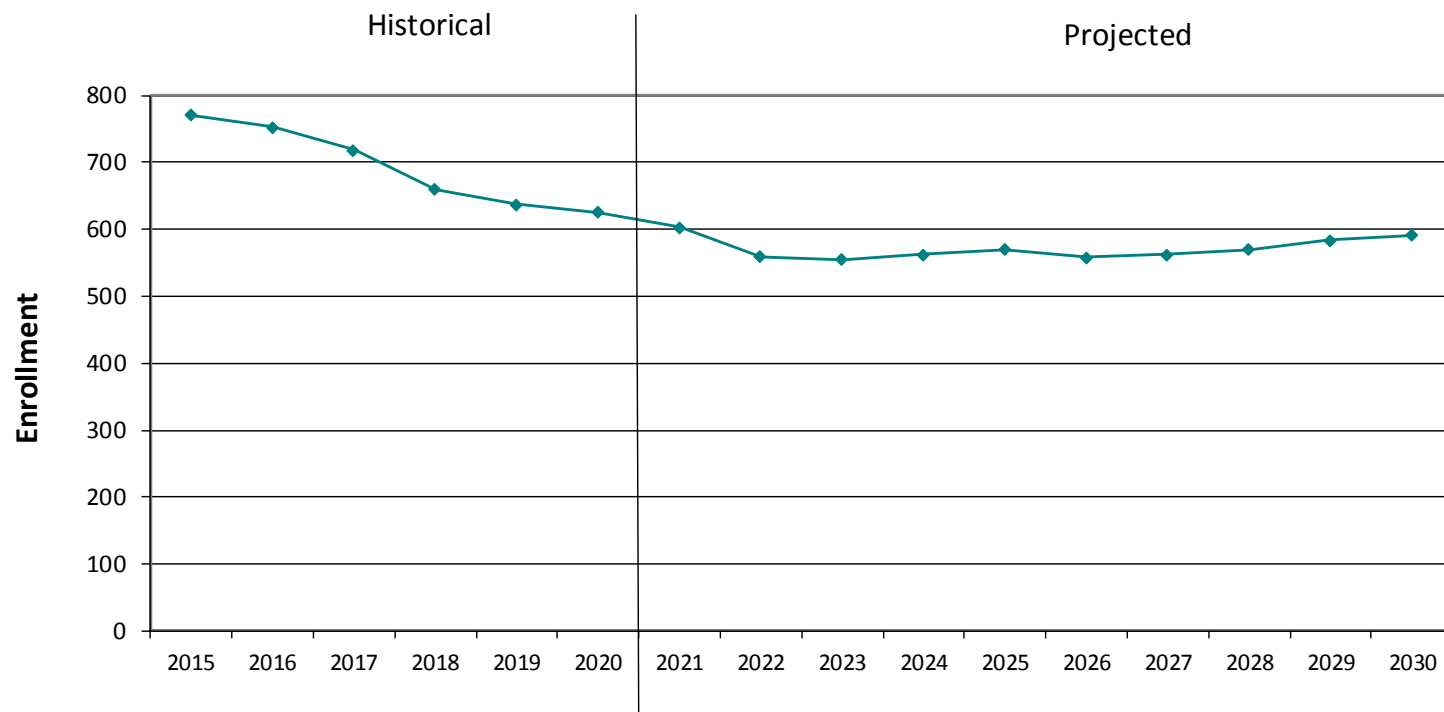
## Essex, CT Projected Enrollment

**K-12 To 2030 Based On Data Through School Year 2020-21**

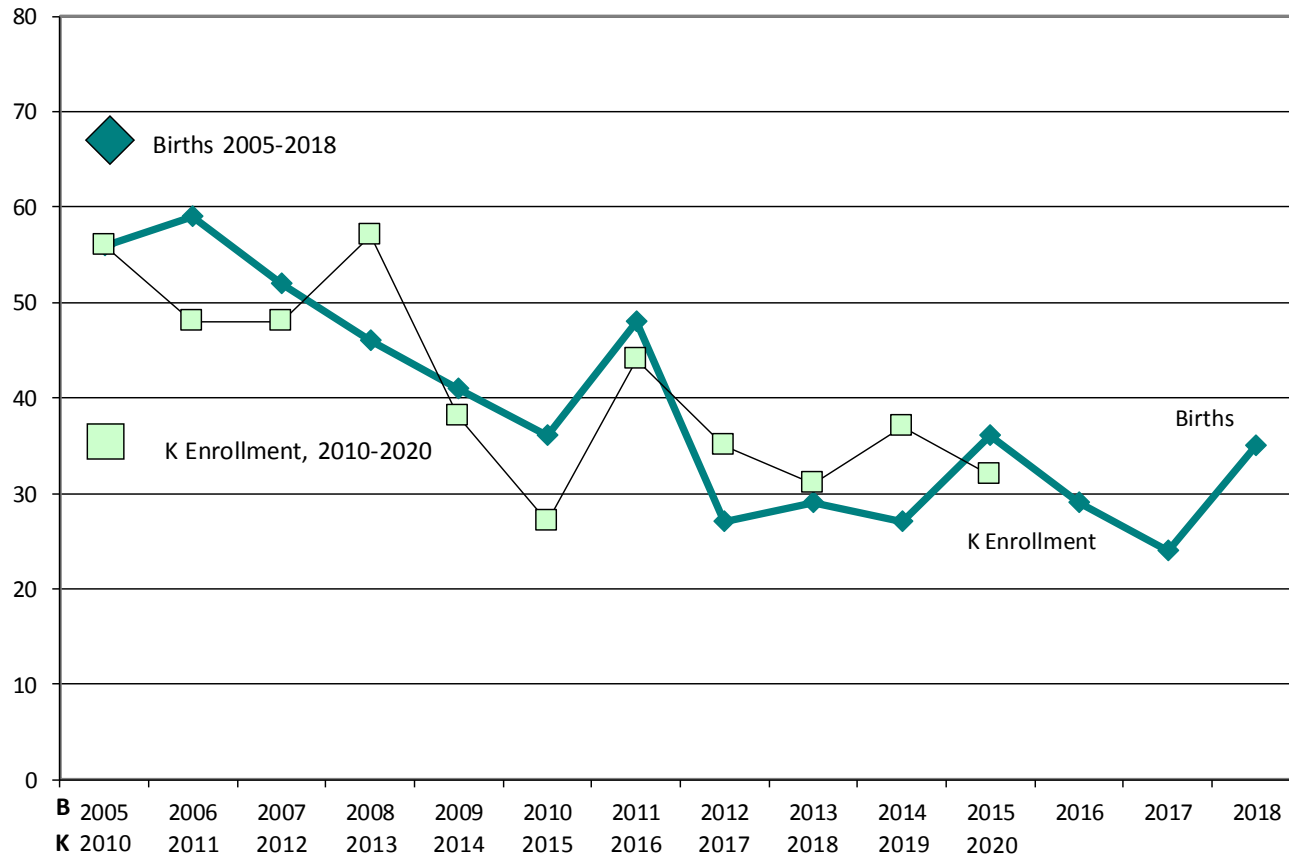


# Essex, CT Historical & Projected Enrollment

K-12, 2010-2030



## Essex, CT Birth-to-Kindergarten Relationship



## Essex, CT Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	12	0
2016	10	22
2017	14	56
2018	18	0
2019	6	0
2020	5 to date	0 to date

Source: HUD and Building Department

Enrollment History		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2005-06	0	0
2016-17	0	0
2017-18	0	0
2018-19	0	0
2019-20	n/a	n/a
2020-21	n/a	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students	
2020	5

K-12 Residents in Charter or Magnet Schools, or "Choiced-out"	
2020	0

K-12 Special Education Outplaced Students	
2020	8

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents	
2020	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

# CT Region 4 Historical Enrollment

School District:

CT Region 4

11/12/2020

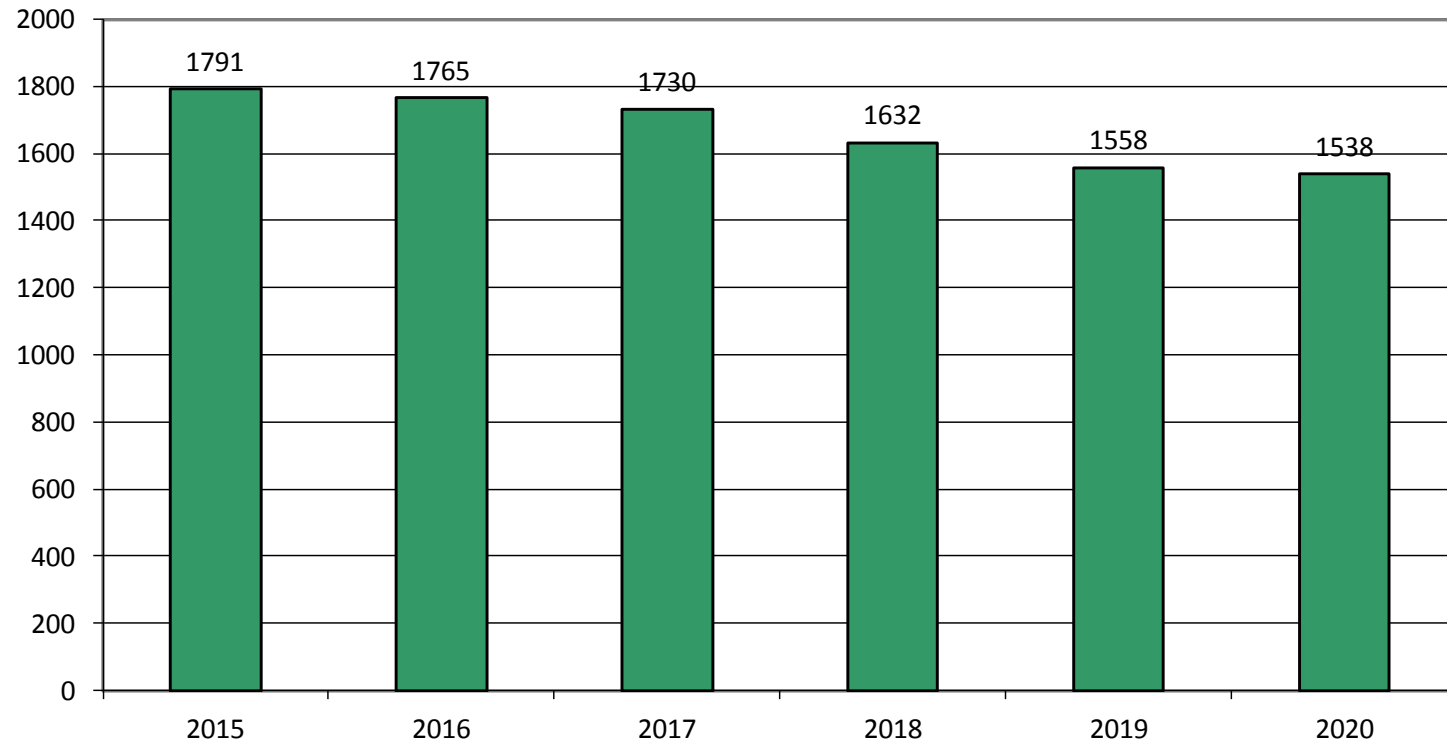
Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2005	136	2010-11	43	137	181	159	168	170	188	171	Individual t	0	0	0	0	0	0	1174	1217
2006	151	2011-12	39	134	142	181	157	162	174	185	0	0	0	0	0	0	0	1135	1174
2007	132	2012-13	51	126	128	141	178	163	167	172	0	0	0	0	0	0	0	1075	1126
2008	115	2013-14	57	123	120	128	140	176	159	163	0	0	0	0	0	0	0	1009	1066
2009	109	2014-15	44	108	122	113	132	132	179	152	0	0	0	0	0	0	0	938	982
2010	99	2015-16	55	82	110	122	114	132	134	183	149	166	148	154	146	151	0	1791	1846
2011	114	2016-17	37	102	100	113	120	114	138	138	183	150	155	147	155	150	0	1765	1802
2012	86	2017-18	33	96	108	102	111	121	116	140	143	184	137	156	156	160	0	1730	1763
2013	83	2018-19	36	89	96	106	98	110	122	114	145	144	169	138	150	151	0	1632	1668
2014	73	2019-20	28	101	84	92	106	101	114	121	112	145	128	168	136	150	0	1558	1586
2015	92	2020-21	33	78	99	91	96	107	105	123	121	123	140	130	173	152	0	1538	1571

Historical Enrollment in Grade Combinations									
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2010-11	1217	1003	1174	1174	359	171	0	0	0
2011-12	1174	950	1135	1135	359	185	0	0	0
2012-13	1126	903	1075	1075	339	172	0	0	0
2013-14	1066	846	1009	1009	322	163	0	0	0
2014-15	982	786	938	938	331	152	0	0	0
2015-16	932	694	877	1192	632	498	315	914	599
2016-17	862	687	825	1158	609	471	333	940	607
2017-18	827	654	794	1121	583	467	327	936	609
2018-19	771	621	735	1024	525	403	289	897	608
2019-20	747	598	719	976	492	378	257	839	582
2020-21	732	576	699	943	472	367	244	839	595

Historical Percentage Changes			
Year	K-12	Diff.	%
2010-11	1174	0	0.0%
2011-12	1135	-39	-3.3%
2012-13	1075	-60	-5.3%
2013-14	1009	-66	-6.1%
2014-15	938	-71	-7.0%
2015-16	1791	853	90.9%
2016-17	1765	-26	-1.5%
2017-18	1730	-35	-2.0%
2018-19	1632	-98	-5.7%
2019-20	1558	-74	-4.5%
2020-21	1538	-20	-1.3%
Change	364		31.0%

## CT Region 4 Historical Enrollment

**K-12, 2010-2020**





# CT Region 4 Projected Enrollment

School District: CT Region 4

11/12/2020

## Enrollment Projections By Grade\*

Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2015	92		2020-21	33	78	99	91	96	107	105	123	121	123	140	130	173	152	0	1538	1571
2016	98		2021-22	34	113	80	100	91	98	110	107	123	126	114	140	130	178	0	1510	1544
2017	82		2022-23	37	95	115	81	100	92	100	112	107	127	117	115	141	135	0	1437	1474
2018	82	0	2023-24	38	95	97	116	81	101	95	102	113	111	118	117	116	146	0	1408	1446
2019	80	(prov.)	2024-25	41	94	99	97	116	83	104	97	102	118	103	119	117	120	0	1369	1410
2020	87	(est.)	2025-26	42	101	98	100	96	116	85	106	97	105	109	104	120	120	0	1357	1399
2021	86	(est.)	2026-27	45	99	104	100	101	97	119	87	106	101	97	111	105	124	0	1351	1396
2022	83	(est.)	2027-28	46	97	102	105	102	102	100	121	87	109	93	97	112	108	0	1335	1381
2023	84	(est.)	2028-29	49	98	100	103	105	105	106	102	122	90	100	94	97	116	0	1338	1387
2024	84	(est.)	2029-30	50	97	101	101	103	106	108	108	102	127	84	101	94	99	0	1331	1381
2025	85	(est.)	2030-31	53	98	100	103	101	104	109	111	108	106	117	84	101	97	0	1339	1392

Note: Ungraded students (UNGR) often are high school students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.

Based on an estimate of births

Based on children already born

Based on students already enrolled

## Projected Enrollment in Grade Combinations\*

Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2020-21	732	576	699	943	472	367	244	839	595
2021-22	733	592	699	948	466	356	249	811	562
2022-23	732	583	695	929	446	346	234	742	508
2023-24	725	585	687	911	421	326	224	721	497
2024-25	731	593	690	910	421	317	220	679	459
2025-26	744	596	702	904	393	308	202	655	453
2026-27	752	620	707	914	413	294	207	644	437
2027-28	775	608	729	925	417	317	196	606	410
2028-29	768	617	719	931	420	314	212	619	407
2029-30	774	616	724	953	445	337	229	607	378
2030-31	779	615	726	940	434	325	214	613	399

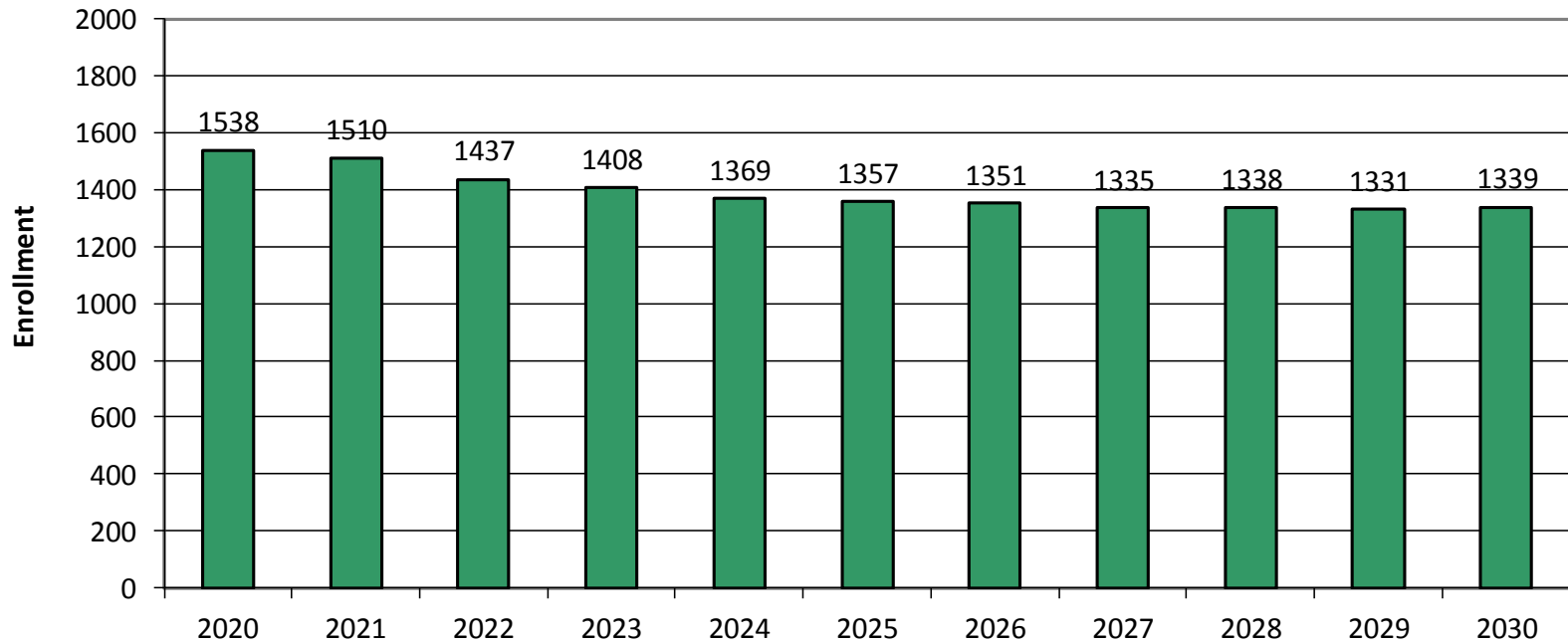
## Projected Percentage Changes

Year	K-12	Diff.	%
2020-21	1538	0	0.0%
2021-22	1510	-28	-1.8%
2022-23	1437	-73	-4.8%
2023-24	1408	-29	-2.0%
2024-25	1369	-39	-2.8%
2025-26	1357	-12	-0.9%
2026-27	1351	-6	-0.4%
2027-28	1335	-16	-1.2%
2028-29	1338	3	0.2%
2029-30	1331	-7	-0.5%
2030-31	1339	8	0.6%
Change	-199	-12.9%	

\*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

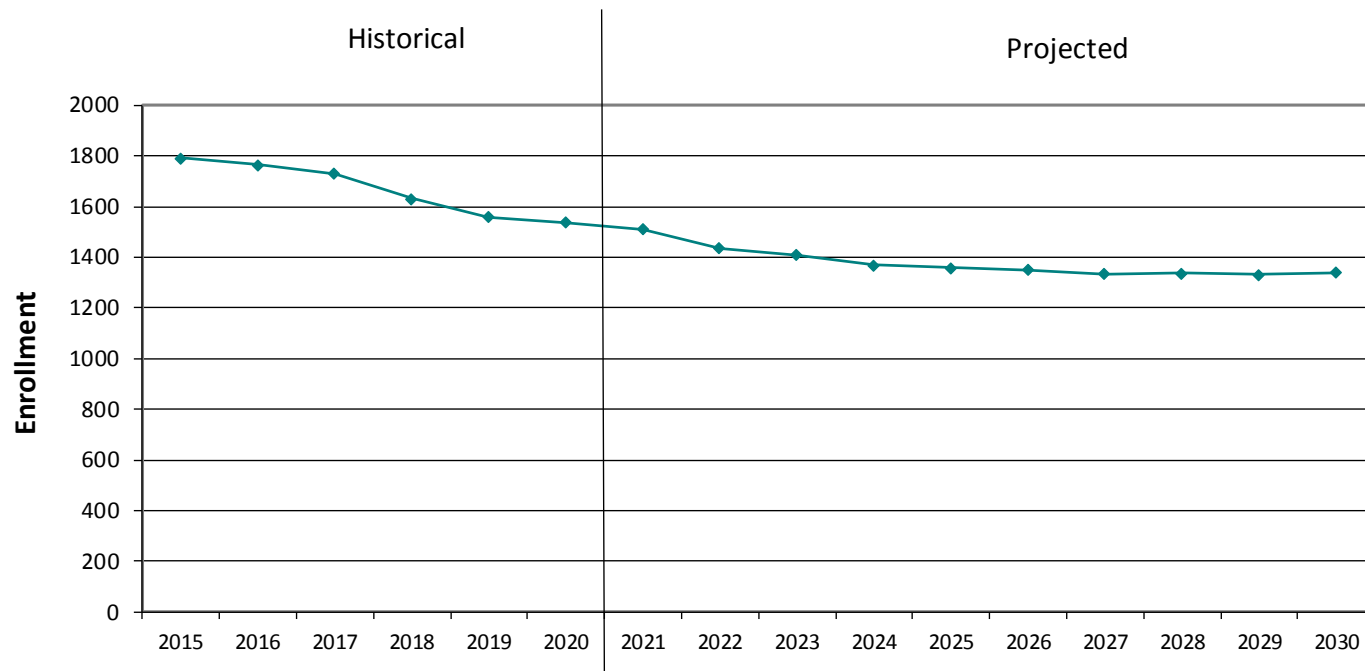
# CT Region 4 Projected Enrollment

**K-12 To 2030 Based On Data Through School Year 2020-21**

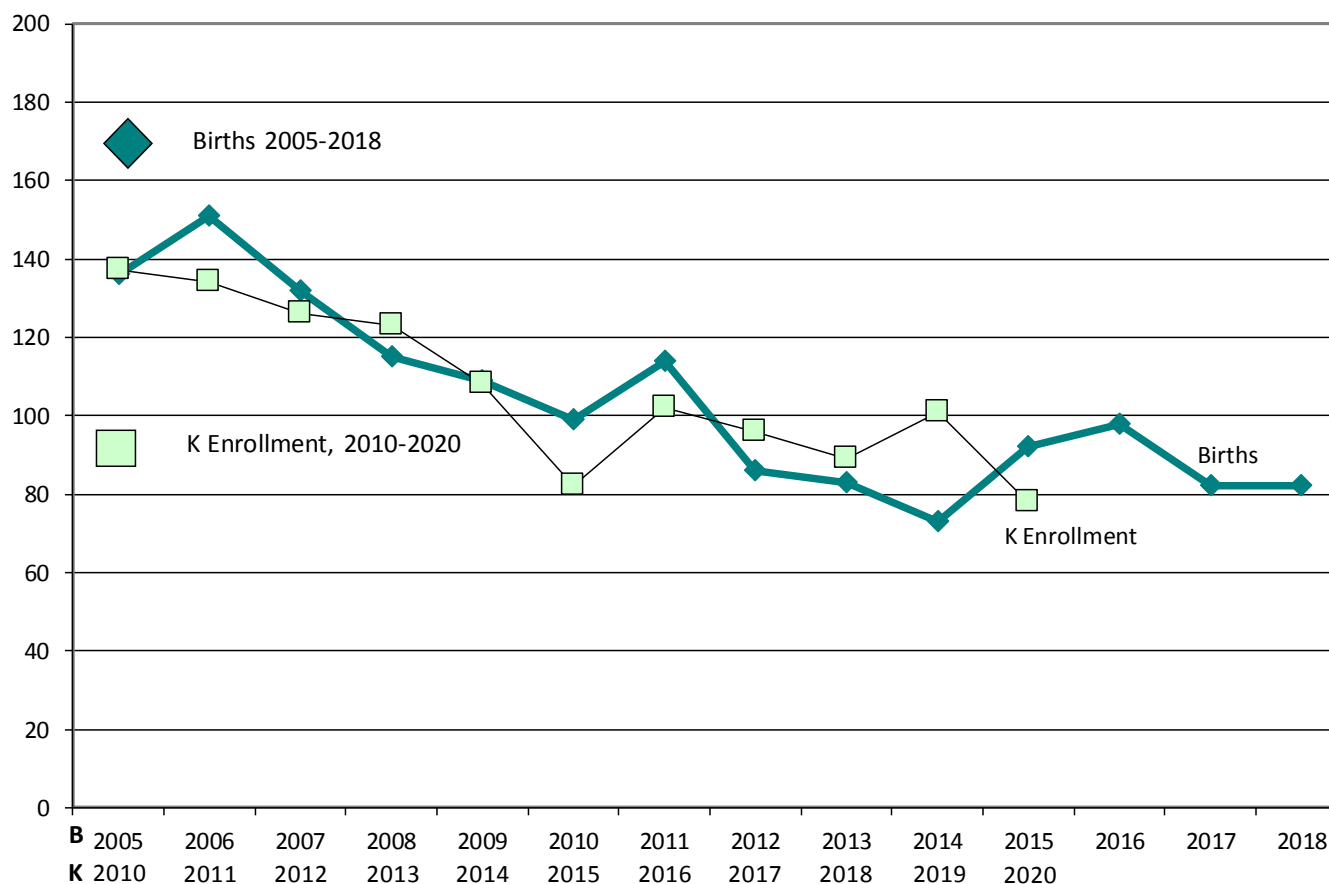


# CT Region 4 Historical & Projected Enrollment

**K-12, 2010-2030**



## CT Region 4 Birth-to-Kindergarten Relationship



## CT Region 4 Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	28	0
2016	16	22
2017	19	56
2018	20	0
2019	8	0
2020	8 to date	0

Source: HUD and Building Department

Enrollment History		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2005-06	0	0
2016-17	0	0
2017-18	0	0
2018-19	0	0
2019-20	n/a	2
2020-21	17	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students	
2020	15

K-12 Residents in Charter or Magnet Schools, or "Choiced-out"	
2020	8

K-12 Special Education Outplaced Students	
2020	25

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents	
2020	0

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.

The CT Region 4 School District deserves to be commended for commissioning this study. The towns are engaged in thoughtful, data-based planning and prudent use of available resources. Planning for municipal and school needs begins with a firm grounding in community data and accurate forecasting of future population and school enrollments.



*New England School Development Council*

# Questions

