



# **2022-23 School Enrollment Study Scarborough Public Schools**

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# SOURCES FOR DATA

## Resident Births

- Birth by Year by Month - Maine Center for Disease Control and Prevention, Data Research and Vital Statistics
- October 15 of year to October 14 of following year
- October births split in half

## Enrollment Data

- October 1st Data from Scarborough Schools
  - ✓ Resident Enrollment (Attending District Schools/Non-District Schools)
  - ✓ Non-Residents Attending District Schools
  - ✓ Total Attending Enrollment (Residents & Non-Resident Attending)
- Enrollment by Address for Multi-family + New Single Family Impact

## Housing Data

- Annual Number of Permits Issued – Scarborough Planning Office
- Multi-Family Project Information – Scarborough Planning Office
- Bedrooms per Unit/Address - Multi-Family Project Management Companies

## Historical K-2 Enrollment

Ranged between **617** and **628** students through 2014

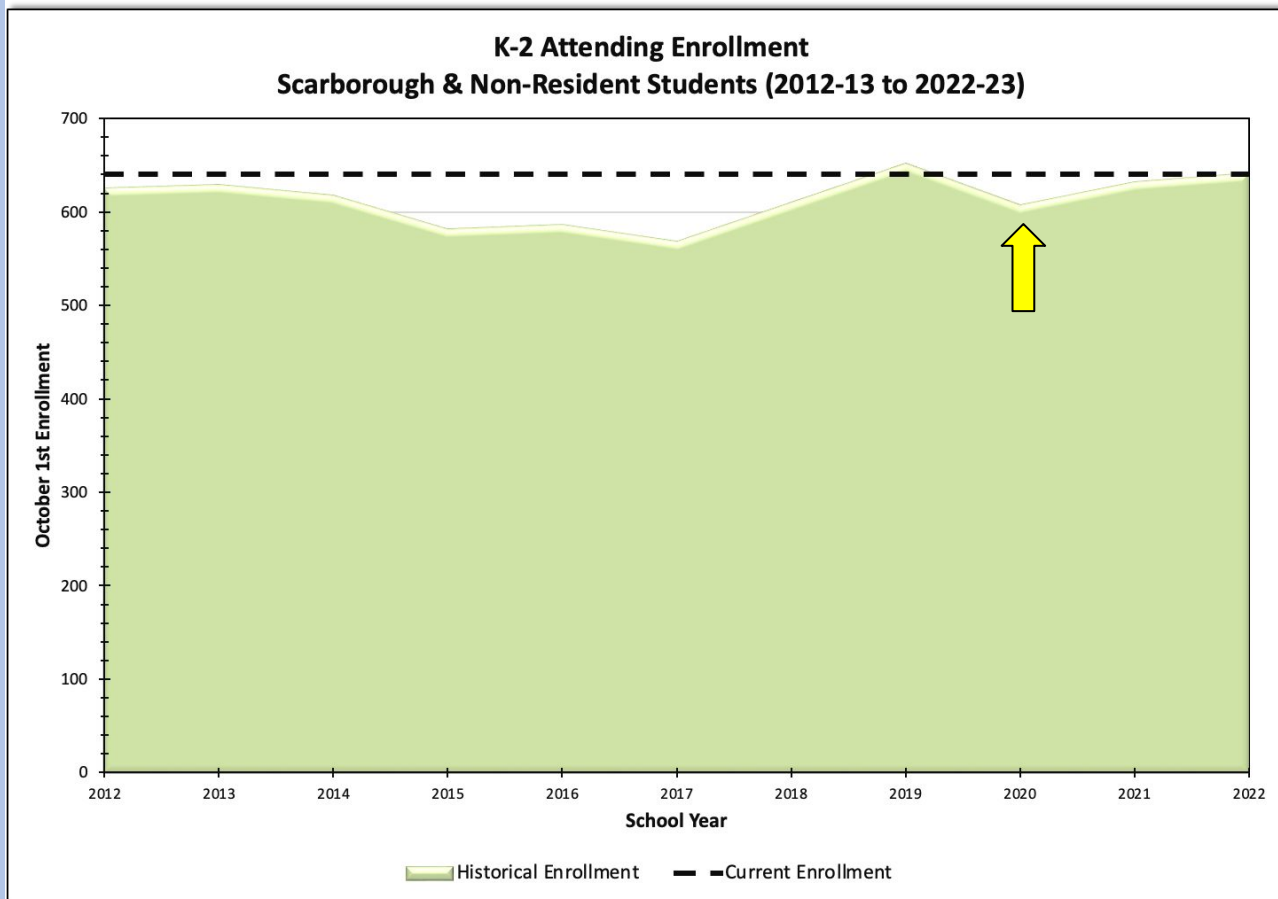
Declined, to reach low of **566** students in 2017

Increased again to high of **649** students in 2019

→ highest enrollment year during time period

Dropped to **606** students in 2020 (COVID IMPACT) **+40** *from low*

Increased to **639** students in 2022



## Historical 3-5 Enrollment

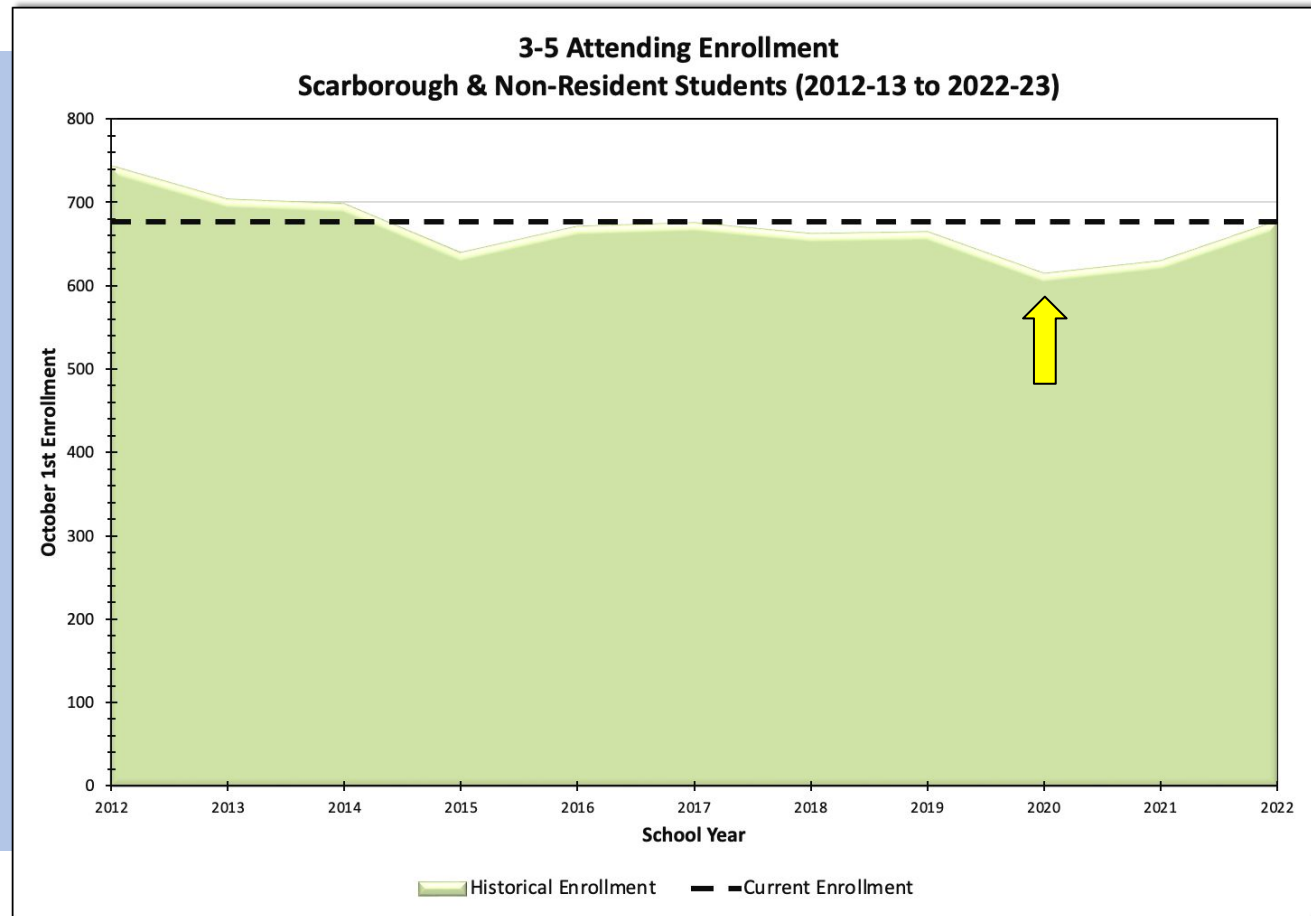
Declined from 742 students in 2012 to 639 in 2015-16

- ❖ 2012 was highest enrollment year

Ranged between 660 and 672 students through 2019

Dropped to **611** students in 2020 (COVID IMPACT) -131 from high!

Creeping upwards again, at 675 students in 2022



## Historical 6-8 Enrollment

Declined from **805** students in 2012 to **673** in 2018-19

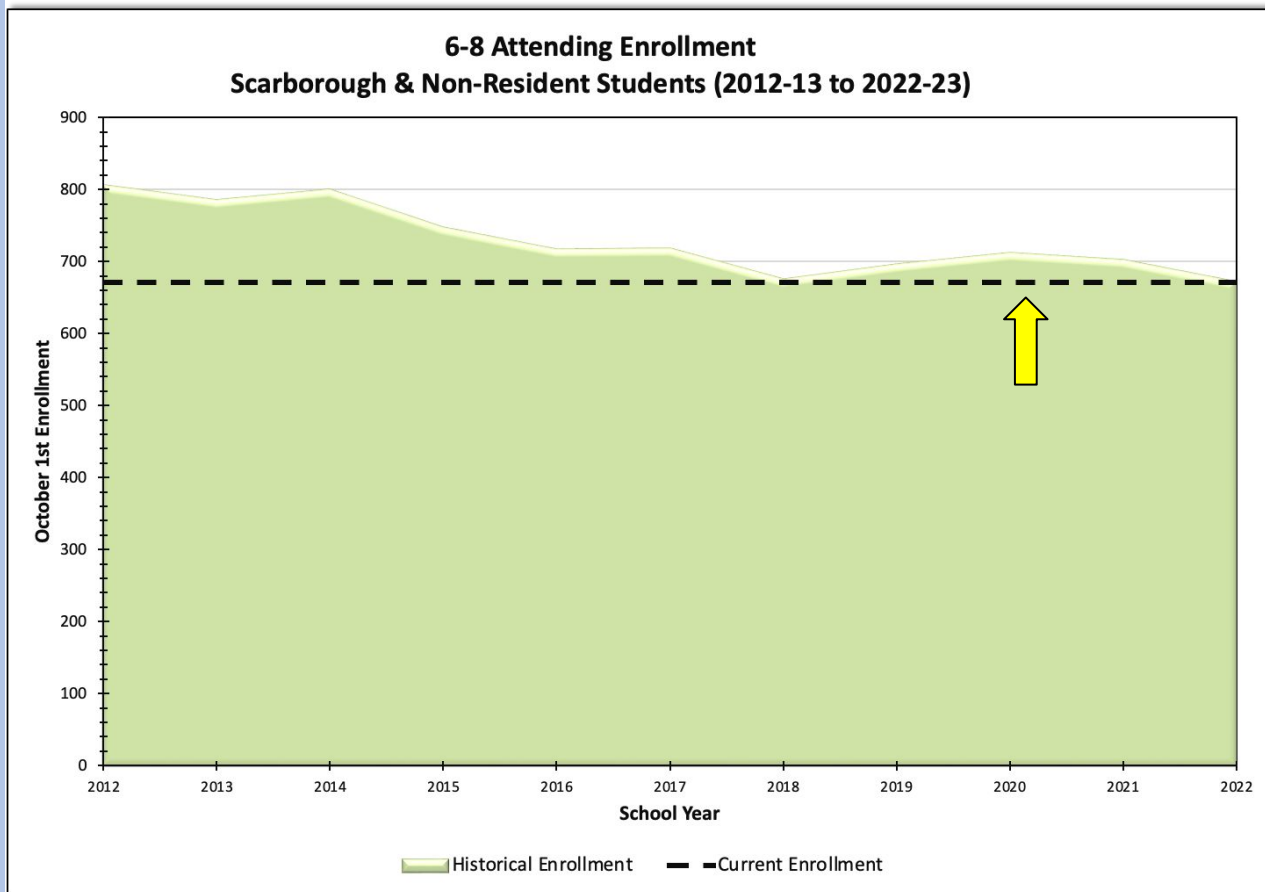
- ❖ 2012 was highest enrollment year

Ranged between **694** and **709** students through 2021

**709** students in 2020 (COVID IMPACT) Still +36 from 2018 low!

Creeping downwards again, at **669** students in 2022  
(-136 from 2012)

Current 7th Grade is smallest class seen at SMS (207 students)



## Historical 9-12 Enrollment

Ranged between **975** and **1,053** students through 2019

→ 2012 was highest enrollment year

Recently creeping downwards

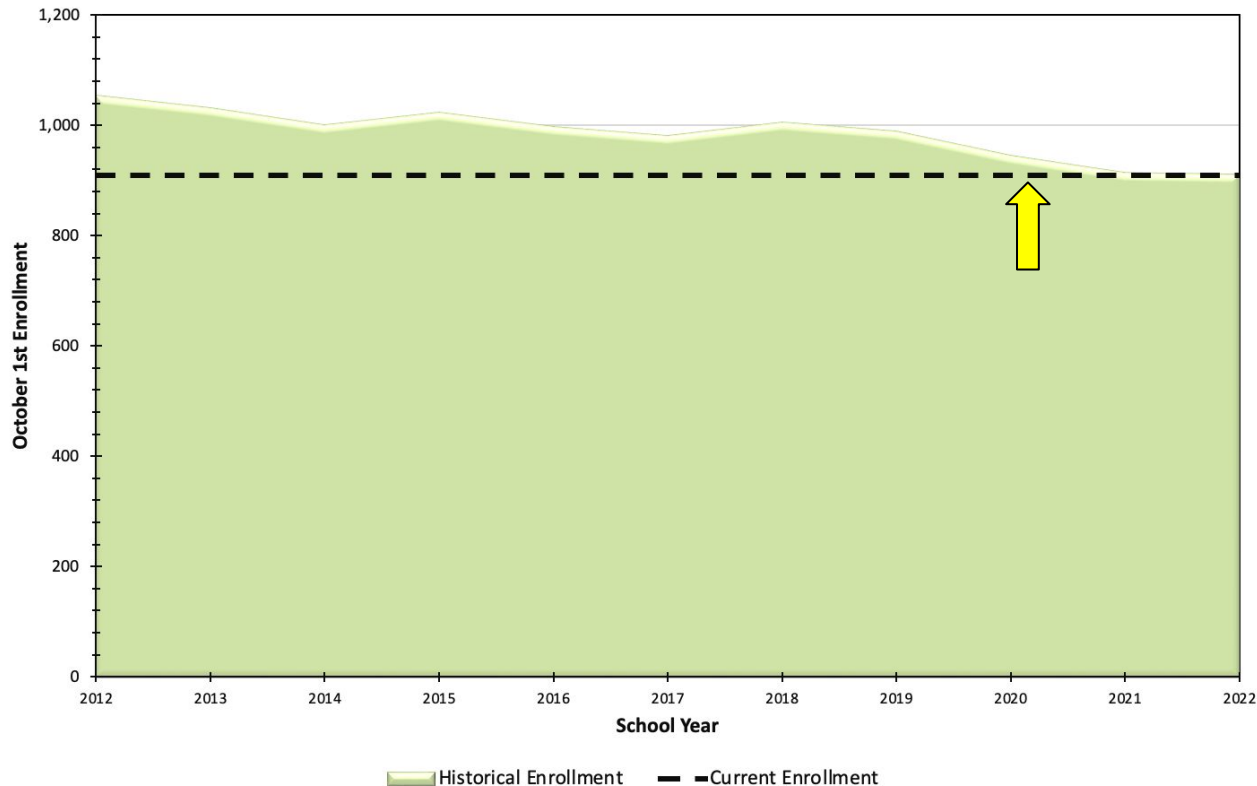
→ **908** students in 2022

→ **(-145 from 2012)**

Current Grade 10 & 11 are smallest class seen at SHS

- 10 = 211 students
- 11 = 222 students

9-12 Attending Enrollment  
Scarborough & Non-Resident Students (2012-13 to 2022-23)



## Historical K-12 Enrollment

Declined from **3,224** to reach **2,933** by 2017-18.

- ❖ 2012 was highest enrollment year

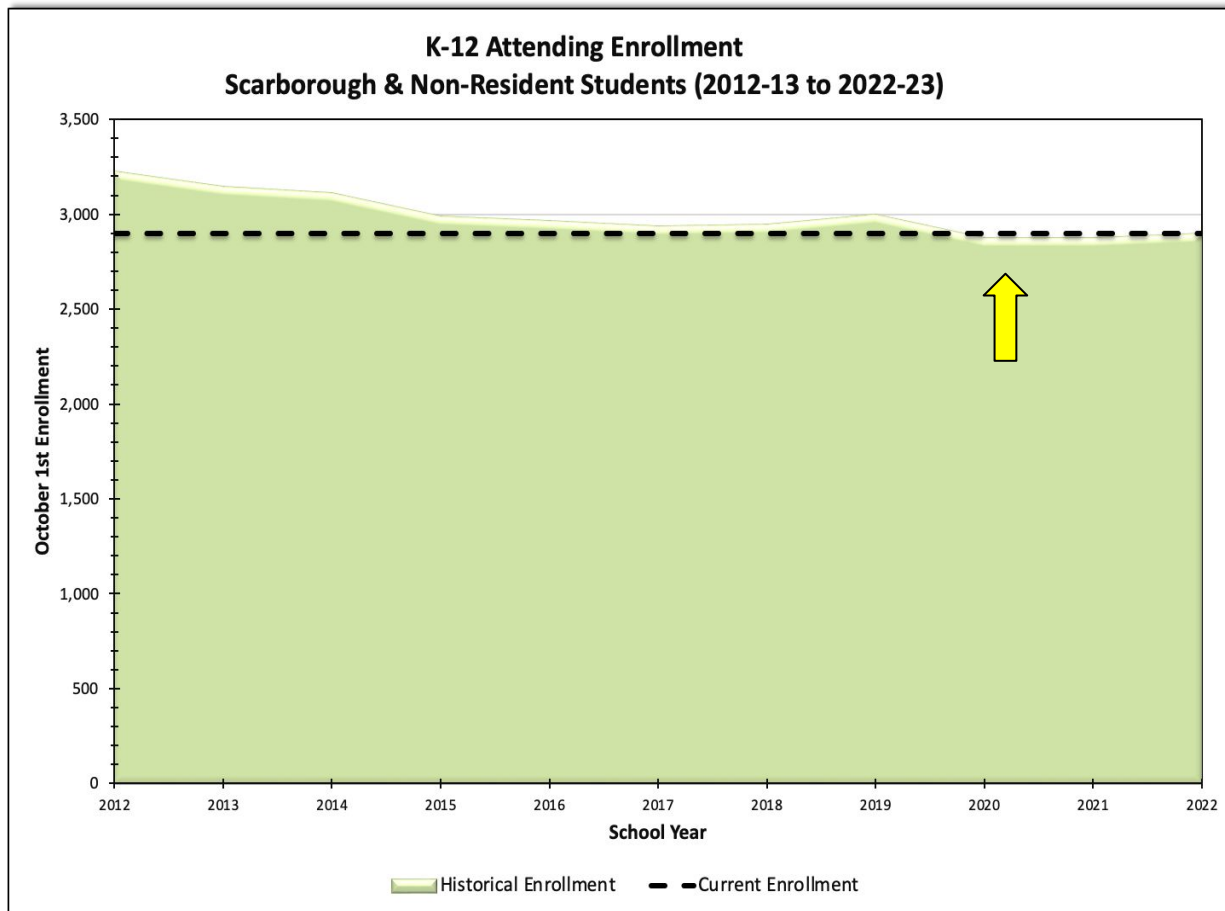
Started to move upwards, reaching **2,993** in 2019

Declined to range between 2,867 and 2,891

- ❖ 2,867 in 2020 and 2021 lowest years  
(-357 from 2012)

### Sneak PEEK:

K-12 Enrollment is Projected to INCREASE over next 10 years



**Table II-1 - Relationship of Entering First Grade Class Size to Resident Births****Scarborough - Resident Attending Enrollment**

Birth Year (Oct. 15 - Oct. 14)	# of Resident Births	First Grade Year	Best Fit Model		
			Enrollment	Ratio 1st/Births	+/-%
2006-07	135	2013-14	199	1.474	47.4%
2007-08	142	2014-15	212	1.493	49.3%
2008-09	138	2015-16	209	1.514	51.4%
2009-10	129	2016-17	173	1.341	34.1%
2010-11	135	2017-18	199	1.474	47.4%
2011-12	129	2018-19	187	1.450	45.0%
2012-13	150	2019-20	223	1.487	48.7%
2013-14	167	2020-21	221	1.323	32.3%
2014-15	158	2021-22	195	1.234	23.4%
2015-16	157	2022-23*	213	1.357	35.7%

# BASE PROJECTION MODEL

## STEP 1

Analysis of birth trends and the relationship between entering class sizes (1<sup>st</sup> grade used as the entering class) and resident births that occurred 6-year prior to the 1<sup>st</sup> grade enrollment

- **Example:** 1st Grade on 10/1/2022 compared to Births 10/15/15 through 10/14/16



School Year	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
Historical													
2012-13	202	206	216	241	240	261	286	243	276	253	242	278	280
2013-14	204	199	225	211	252	240	267	282	234	255	249	241	283
2014-15	207	212	198	223	223	250	247	263	289	226	258	260	254
2015-16	156	209	216	199	222	218	240	244	262	263	228	259	271
2016-17	193	173	219	238	206	226	224	247	244	249	261	227	257
2017-18	186	199	181	231	238	206	228	238	251	230	250	257	238
2018-19	209	187	212	188	237	235	209	228	236	247	238	250	266
2019-20	238	223	188	218	203	242	252	213	229	237	251	243	256
2020-21	179	221	206	195	207	209	245	253	211	214	228	253	246
2021-22	199	195	235	204	210	213	210	246	245	207	222	227	254
2022-23	218	213	208	239	218	218	222	207	240	240	211	222	235
Projected													
2023-24	190	224	219	213	247	224	222	222	202	230	242	211	226
2024-25	217	196	231	224	220	254	229	222	217	194	232	243	215
2025-26	203	224	202	236	232	226	259	228	217	208	196	232	247
2026-27	233	209	230	206	244	239	231	259	223	208	210	196	236
2027-28	278	240	215	235	213	251	243	230	253	214	210	210	199
2028-29	238	286	247	219	243	220	256	243	225	242	216	210	213
2029-30	238	245	294	253	227	251	224	256	237	216	245	216	214
2030-31	238	245	252	301	261	233	255	223	250	227	218	245	220
2031-32	238	245	252	258	311	269	238	255	219	240	230	218	249
2032-33	238	245	252	258	266	320	274	238	249	209	242	230	222

# BASE PROJECTION MODEL

## STEP 2

Historical migration trends at each grade level are analyzed i.e. “grade-to-grade ratios”

**Example:** 6th grade in 2021-22 in relation to the number of students in 7th grade in 2022-23

# **4 Projection Models Created for Scarborough**

**Best Fit Model**

**Best Fit + COVID Adjustment  
Model**

**Housing Impact Model**

**Housing Impact HIGH Model**

### **Births Impacting Historical Enrollment**

Resident births influencing 1<sup>st</sup> grade enrollment over the last 10 years, **increased**

- 1st 5-years (06/07 - 10/11) = **136**
- 2<sup>nd</sup> 5-years (11/12 - 15/16) = **152**
- 3-years (13/14 - 15/16) = **161**

➔ ***OR, on average, +25***

### **Births Impacting Future Enrollment**

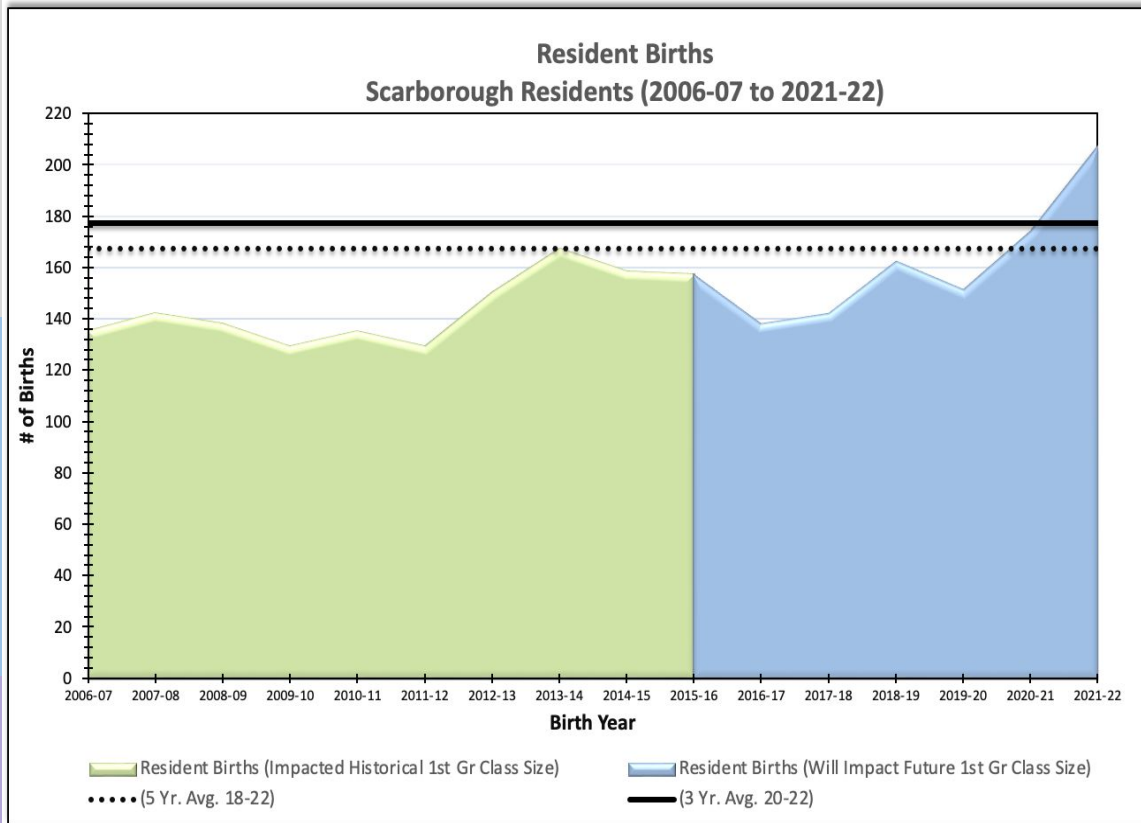
Resident births influencing future 1<sup>st</sup> grade class sizes increased

- Last 5-years (17/18 - 21/22) = **167**
- Last 3-years (19/20 - 21/22) = **177**

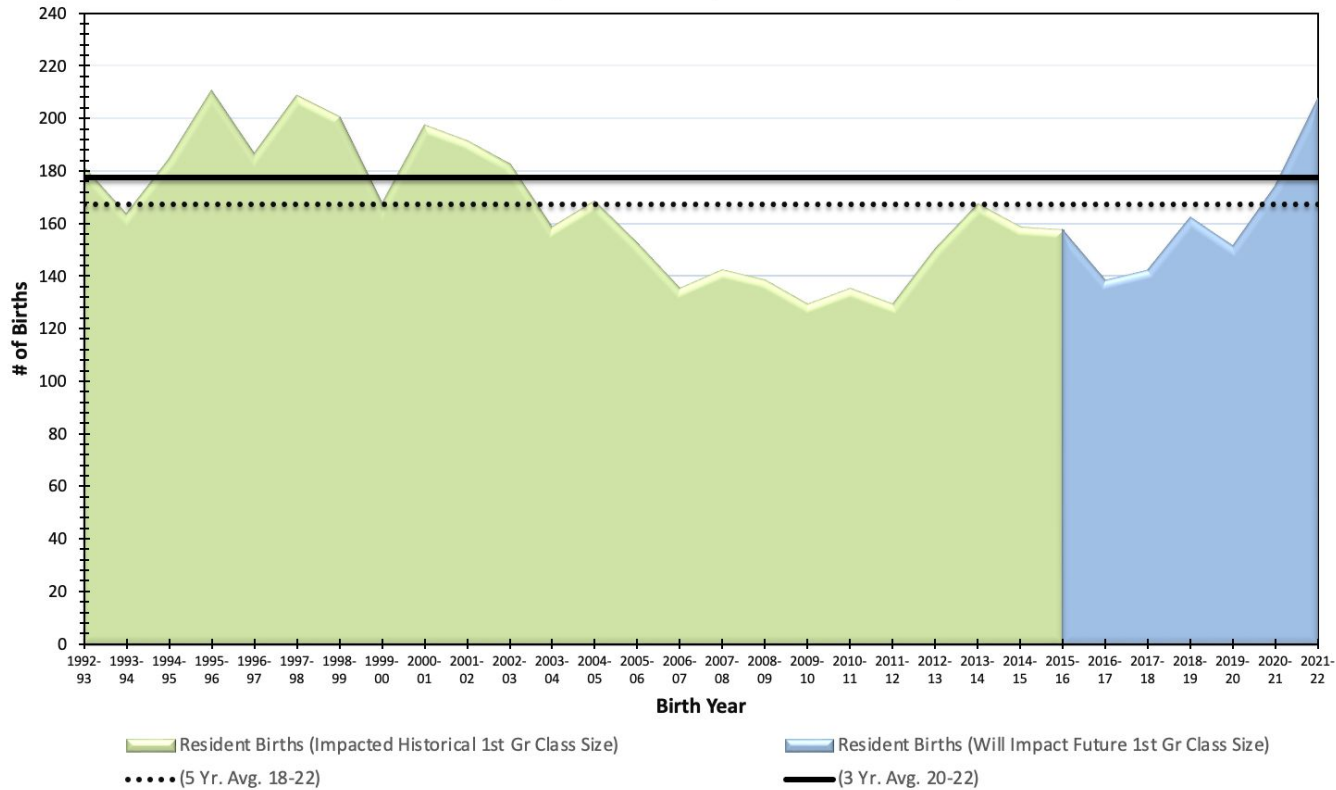
➔ ***OR, on average, +41***

Future Births - used 3-year  
Avg. = **177**

Also used a 3-year rolling Avg. =  
**177, 186, 190, 185**



## Resident Births Scarborough Residents (1992-93 to 2021-22)



## Quick Look at US Census Data Fertile Females

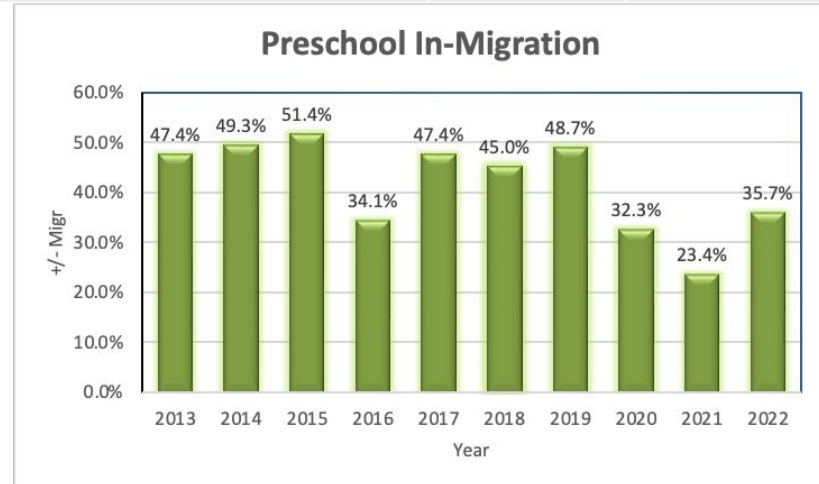
	1990	2000	2010	5-Year Estimates 2021
<b>Fertile Females 18-44 Years of Age</b>	2,812	3,133	2,732	3,165
<b>45+ Years of Age Females</b>	2,161	3,407	4,751	6,162

5-year estimates come with high +/- margins of error  
Decennial Census Data for the 2020 Census is due in May 2023

## PRESCHOOL MIGRATION TRENDS

- First 5 years of last decade, (13-14 to 17-18), Scarborough had an in-migration of students
  - Ratio of 1.459 or **+46%**
- Last 5-year period, (18-19 to 2022-23) in-migration continued, but at lower level
  - Ratio of 1.370 or **+37%**
- Last three years, (20-21 to 22-23), in-migration lower again
  - Ratio of 1.305 or **+31%**

Preschool Migration Trends	Ratio 1 <sup>st</sup> /Births	+/-%
10-year Avg. (2013-14 to 2022-23)	1.415	42%
1 <sup>st</sup> 5-year Avg. (2013-14 to 2017-18)	1.459	46%
5-year Avg. (2018-19 to 2022-23)	1.370	37%
3-year Avg. (2020-21 to 2022-23)	1.305	31%



# 1<sup>st</sup> GRADE CLASS SIZES

Over the last 10 years (2013 - 2022)

- Ranged between 173 and 223 students
- Averaged **203 students**
- Increased, on average

1<sup>st</sup> 5 years (2013 - 2017) = **198**

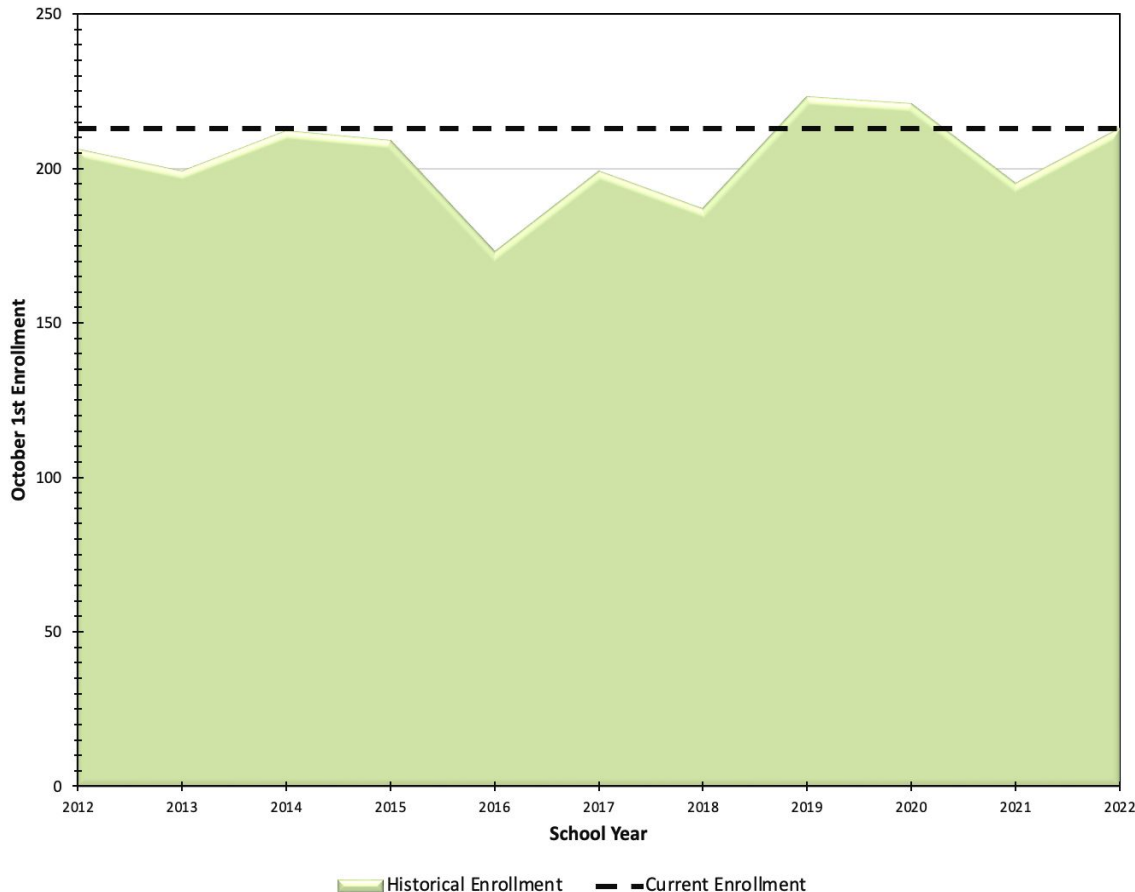
Last 5 years (2018 - 2022) = **208**

Last 3 years (2020 - 2022) = **210**

**\*\*12 MORE students** from  
1st 5-yr avg. to recent 3-yr avg.

- The in-migration continues!

First Grade Attending Enrollment  
Scarborough Resident Students (2012-13 to 2022-23)



# GRADE-TO-GRADE MIGRATION

## Changes:

- Grades K-1, 1-2, 3-4 HIGHER IN-migration
- Grades 4-5 change from a slight average OUT-migration to an average IN-migration
- 8-9 lower level of OUT-migration
- 9-10 from almost NO Migration to an IN-migration

School Year	Grade											
	K-1		1-2		2-3		3-4		4-5		5-6	
	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-
10 Year Avg. (13-22)	1.033	3.3%	1.032	3.2%	1.024	2.4%	1.033	3.3%	1.009	0.9%	1.019	1.9%
1st 5-Year Avg. (13-17)	1.035	3.5%	1.040	4.0%	1.026	2.6%	1.027	2.7%	0.998	-0.2%	1.010	1.0%
Last 5-Year Avg. (18-22)	1.032	3.2%	1.025	2.5%	1.022	2.2%	1.040	4.0%	1.021	2.1%	1.029	2.9%
Last 4-Year Avg. (19-22)	1.039	3.9%	1.015	1.5%	1.018	1.8%	1.044	4.4%	1.029	2.9%	1.033	3.3%
Last 3-Year Avg. (20-22)	1.029	2.9%	1.018	1.8%	1.015	1.5%	1.032	3.2%	1.032	3.2%	1.020	2.0%
Last 2-Year Avg. (21-22)	1.080	8.0%	1.065	6.5%	1.004	0.4%	1.073	7.3%	1.034	3.4%	1.024	2.4%

School Year	Grade											
	6-7		7-8		8-9		9-10		10-11		11-12	
	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-	Ratio	% +/-
10 Year Avg. (13-22)	1.006	0.6%	0.993	-0.7%	0.958	-4.2%	1.007	0.7%	1.005	0.5%	1.027	2.7%
1st 5-Year Avg. (13-17)	1.010	1.0%	1.000	0.0%	0.939	-6.1%	1.000	0.0%	1.005	0.5%	1.031	3.1%
Last 5-Year Avg. (18-22)	1.003	0.3%	0.986	-1.4%	0.977	-2.3%	1.014	1.4%	1.005	0.5%	1.022	2.2%
Last 4-Year Avg. (19-22)	1.003	0.3%	0.985	-1.5%	0.975	-2.5%	1.009	0.9%	1.006	0.6%	1.019	1.9%
Last 3-Year Avg. (20-22)	0.998	-0.2%	0.978	-2.2%	0.965	-3.5%	1.006	0.6%	1.001	0.1%	1.017	1.7%
Last 2-Year Avg. (21-22)	0.995	-0.5%	0.972	-2.8%	0.980	-2.0%	1.028	2.8%	0.998	-0.2%	1.020	2.0%



# Data Nuggets!

## Changes:

- During COVID years - # of students Unrolling for Homeschooled **Increases +17, +25**
- During COVID Years - # of Homeschooled Students **Increases, 23 average prior to COVID, after 71 average**
- No noted change for Residents Attending other Districts, or Charter. *Private Schools Data is Inconsistent*
- This year, more students where delayed their Kindergarten Start, +8
  - **NO SPECIFIC ADJUSTMENTS MADE, BUT SUPPORTS A COVID ADJUSTMENT MODEL**

School Year	# of Students who Unenrolled for Homeschooling	Homeschooling K-12 Total	Attending Other Non-District Schools K-12	Attending Charter Schools K-12	Attending Private Schools K-12	Repeat Kindergarten	Delayed Kindergarten Start
2015-16	7		1	1	28		
2016-17	6		4	5	2		
2017-18	8		3	3	17		
2018-19	3	5	45	33	47		26
2019-20	2	41	34	22	53	4	29
2020-21	17	76	40	22	56	6	27
2021-22	25	74	41	20	64	4	29
2022-23	8	64	31	29	10*	4	37
<b>5-year Avg (18-19 to 22-23)</b>	11	52	38	25	<b>Inconsistent Data Reporting</b>	4.5 Average	30
<b>3-year Avg (20-21 to 22-23)</b>	17	71	37	24			31
<b>Prior to COVID-19 (18-19 to 19-20)</b>	3	23	40	28			28
<b>Difference last 3 years compared to prior to COVID-19</b>	<b>14</b>	<b>48</b>	<b>-2</b>	<b>-4</b>			<b>4</b>

\*Thornton Academy included in Non-District Schools Data, no data available for North Yarmouth, Waynflete, GPCS

# New Housing Development



What has development been like over the last ten years?



Has development impacted school enrollment?



What impact would potential future development have on school enrollment?



Does the “best fit” model adequately account for past and future new housing unit development?

## Historical Development

Single Family - fluctuated year to year,  
stable on avg. = 76-78 homes/year

Multi-family increased over last 7-years

- Exclude 1-bedroom and studios
- Exclude age-restricted housing

### Example 2021

94 s.f. + 221 m.f. + 22 duplex= **337 total**  
(106 units = 1-bd/studios and 28 = 55+)

**203 total units considered**

### 2022

71 s.f.+ 225 m.f. + 10 duplex = **306 total**  
(149 units 1-bd/studio)

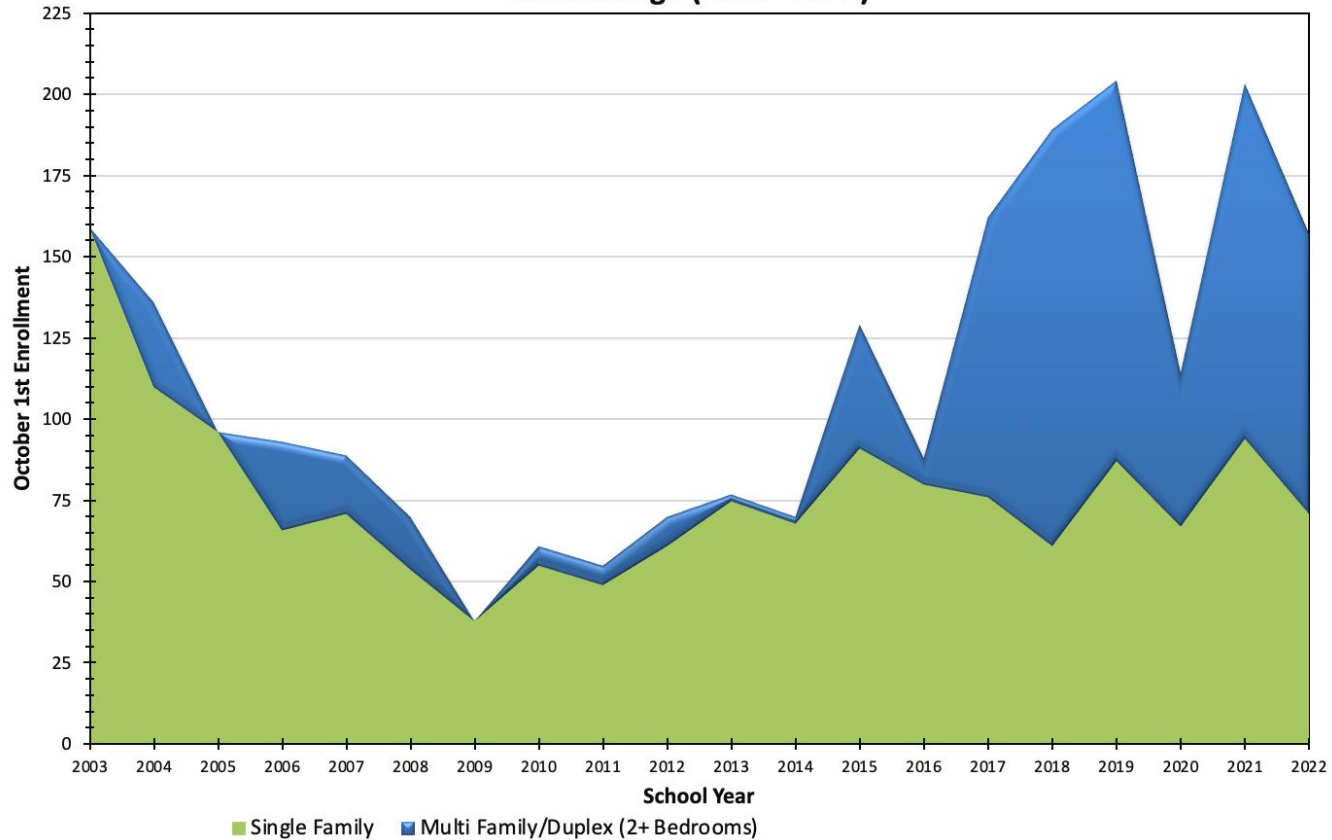
**157 total units considered**

## Trends in New Housing Units - 2013-2022 - Scarborough

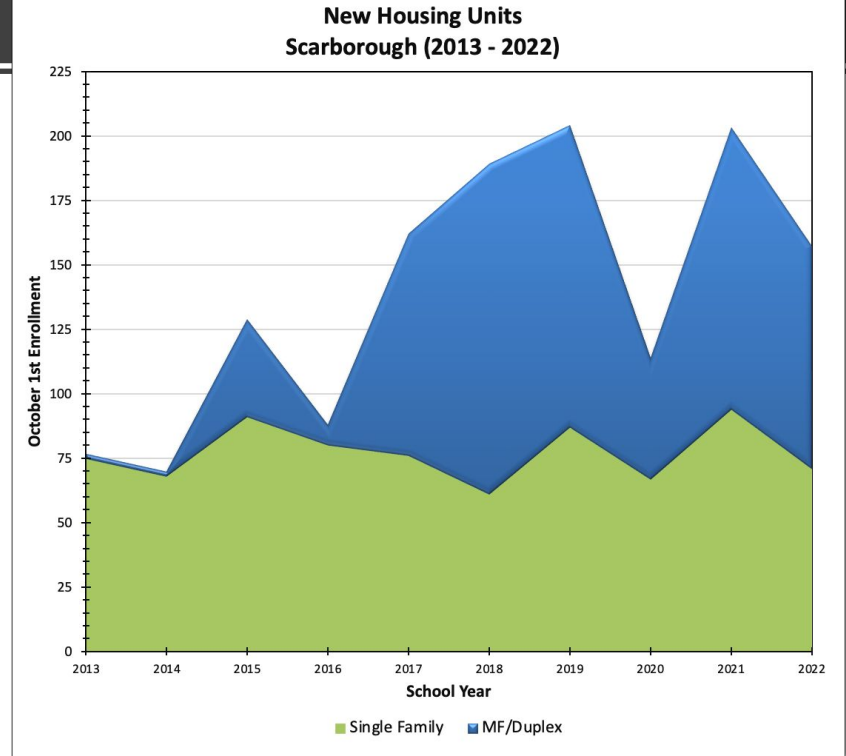
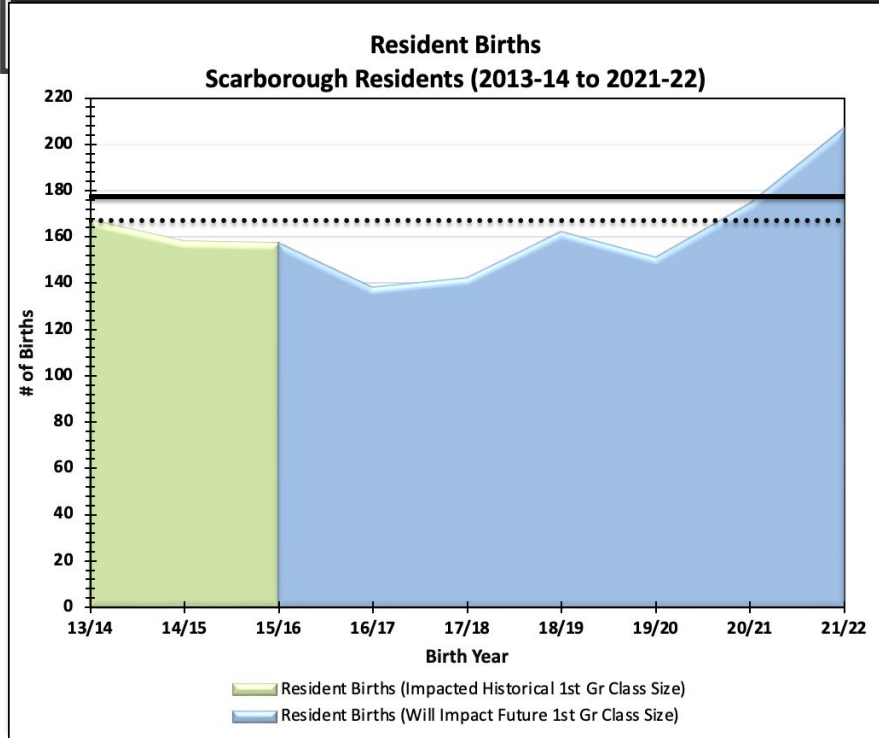
Calendar Year	Single Family	Duplex + Multi-Family (2+ Bd Units) (Excl Senior Housing)	New Housing Units
2013	75	2	77
2014	68	2	70
2015	91	38	129
2016	80	8	88
2017	76	86	162
2018	61	128	189
2019	87	117	204
2020	67	47	114
2021	94	109	203
2022	71	86	157
<b>10-Year Avg. (2013 to 2022)</b>	<b>77</b>	<b>62</b>	<b>139</b>
<b>5-Year Avg. (2013 to 2017)</b>	<b>78</b>	<b>27</b>	<b>105</b>
<b>Most Recent 5-Year Avg. (2018 to 2022)</b>	<b>76</b>	<b>97</b>	<b>173</b>
<b>Most Recent 3-Year Avg. (2020 to 2022)</b>	<b>77</b>	<b>81</b>	<b>158</b>

**Source:** Scarborough Planning Office, updated on 2/28/2023 to fall inline with the recent GMO updates. Excludes permits for known age-restricted housing, and any studio or 1-bedroom units.

## New Housing Units Scarborough (2003 - 2022)



# Resident Births verse Housing Development



Type of Development	Enrollment per Unit				
	Primary K-2	Intermediate 3-5	Middle 6-8	High 9-12	Total K-12
2015 Planning Decisions Study					
Single-family Subdivisions 1995-2000	0.12	0.17	0.19	0.39	0.86
Single-family Subdivisions 2005-2010	0.21	0.18	0.24	0.25	0.85
Single-family Subdivisions after 2010	0.12	0.12	0.15	0.19	0.58
Non-Senior Multi-family Rentals	0.10	0.08	0.09	0.08	0.36

In 2015, Planning Decisions conducted an analysis of the impact of housing on enrollment – focused more on single family development.

In 2018 - took an in depth look at multi-family units impact

Type of Development	Enrollment per Unit				
	Primary K-2	Intermediate 3-5	Middle 6-8	High 9-12	Total K-12
<b>2015 Planning Decisions Study</b>					
Single-family Subdivisions 1995-2000	0.12	0.17	0.19	0.39	0.86
Single-family Subdivisions 2005-2010	0.21	0.18	0.24	0.25	0.85
Single-family Subdivisions after 2010	0.12	0.12	0.15	0.19	0.58
<b>2022 Study</b>					
Single-family Subdivisions 2013-2018	0.27	0.25	0.08	0.19	0.78
Single-family Subdivisions 2019-2022*	0.20	0.09	0.03	0.03	0.38
<b>Average Impact for Future Development</b>					
<b>Average Single Family Subdivisions 1995-2018</b>	<b>0.18</b>	<b>0.18</b>	<b>0.17</b>	<b>0.26</b>	<b>0.77</b>
<b>Note:</b> For the 2019 - 2022 Single-Family Subdivisions, not all of these units have been completely built, therefore they will be excluded from the calculation used to make future impact on enrollment. <b>Source:</b> Calculated by Planning Decisions, Inc. in 2015 enrollment study, and 2022-23 enrollment study calculated by Wandell Consulting.					

**Recalculated impact of Single Family Homes = 0.77 students/unit average  
Compared to 0.76 students/unit average in 2015 study**

**Forward  
to 2022**

**Has the impact of a multi-family  
unit changed?**

**To assess the current impact of multi-family housing on enrollment, in conjunction with Scarborough Planning Office, 6 multi-family projects were identified to analyze in 2018.**

**In 2022 - 2 additional projects were added to the mix  
(Southgate+Beacon)**

- 3 Projects have only 1 and/or 2 bedroom units
- 5 Projects have 1, 2 and 3-bedroom units



# 8 multi-family Projects chosen for impact assessment in 2022

*What impact did these units have on historical enrollment?*

		Housing Information				
		X of Units	Type of Units	Studio/ 1 bd	2bd	3bd
Burnham Woods	North St/Diner Dr	55	1, 2 bd	40	15	0
Carrier Woods	Carrier Woods Rd	84	1, 2 bd	42	42	0
Foxcroft	Foxcroft Rd/Foxcroft Cir	104	2 bd	0	104	0
Coach Lantern	Coach Lantern E/W	90	2, 3 bd	0	35	55
Meadow Woods	62 Gorham Rd	37	1, 2, 3 bd	4	30	3
Oaks E/W	Pinoak Dr	135	1, 2, 3 bd	7	111	17
Southgate - Avesta	577 US Route 1	38	Studio, 1, 2, 3 bd	10	20	8
Beacon (Gateway)	Gateway Ct, Gateway Cir	186	2, 3 bd		144	42
<b>Totals</b>		<b>729</b>		<b>103</b>	<b>501</b>	<b>125</b>

**Table IV-5 - Enrollment for Each Housing Project Studied - Scarborough Enrollment in Multifamily Housing Projects 2022-23**

Development	Roads	Housing Information					Enrollment by School/Group					br)				
		X of Units	Type of Units	Studio/ 1 bd	2bd	3bd	K-2	3-5	6-8	9-12	K-12	Ratio K-2	Ratio 3-5	Ratio 6-8	Ratio 9-12	Ratio K-12
Burnham Woods	North St/Diner Dr	55	1, 2 bd	40	15	0	0	1	0	1	2	0.00	0.07	0.00	0.07	<b>0.13</b>
Carrier Woods	Carrier Woods Rd	84	1, 2 bd	42	42	0	1	1	1	3	6	0.02	0.02	0.02	0.07	<b>0.14</b>
Foxcroft	Foxcroft Rd/Foxcroft Cir	104	2 bd	0	104	0	4	7	2	4	17	0.04	0.07	0.02	0.04	<b>0.16</b>
Coach Lantern	Coach Lantern E/W	90	2, 3 bd	0	35	55	11	10	12	15	48	0.12	0.11	0.13	0.17	<b>0.53</b>
Meadow Woods	62 Gorham Rd	37	1, 2, 3 bd	4	30	3	1	4	3	4	12	0.03	0.12	0.09	0.12	<b>0.36</b>
Oaks E/W	Pinoak Dr	135	1, 2, 3 bd	7	111	17	15	15	12	25	67	0.12	0.12	0.09	0.20	<b>0.52</b>
Southgate - Avesta	577 US Route 1	38	Studio, 1, 2, 3 bd	10	20	8	8	4	2	11	25	0.29	0.14	0.07	0.39	0.89
Beacon (Gateway)	Gateway Ct, Gateway Cir	186	2, 3 bd		144	42	11	8	10	4	33	0.06	0.04	0.05	0.02	0.18
<b>Totals</b>		<b>729</b>		<b>103</b>	<b>501</b>	<b>125</b>	<b>51</b>	<b>50</b>	<b>42</b>	<b>67</b>	<b>210</b>	<b>0.08</b>	<b>0.08</b>	<b>0.07</b>	<b>0.11</b>	<b>0.34</b>

Burnham Woods, Carrier Woods and Foxcroft, projects with the 1 and 2-bedroom units, all had very low overall enrollment = 0.13 to 0.16 students/unit

**of**  
**Note...**

Coach Lantern, Meadow Woods, the Oaks/West Oaks, and Southgate/Avesta, projects that also offer 3-bedroom units, all had significantly higher enrollment = 0.36 to 0.89 students/unit

**EXCEPTION** - Beacon/Gateway offers 2 and 3 bedroom units (still under construction) = 0.18 students per unit overall, but 0.06 = 2 bd, **0.57 = 3 bd**

Type of Development	Enrollment per Unit				
	Primary K-2	Intermediate 3-5	Middle 6-8	High 9-12	Total
<b>2015 Study</b>					
Non-Senior Multi-family Rentals	0.1	0.08	0.09	0.08	0.36
<b>2018 Study</b>					
All Non-Senior Multi-family Units - 6 Projects Combined (excludes 1-bd units)	0.11	0.09	0.08	0.1	0.38
1 & 2 bedroom Unit Projects Burnham Woods/Carrier Woods/Foxcroft	0.04	0.04	0.04	0.04	0.16
1, 2, & 3 bedroom Unit Projects Coach Lantern/Meadow Woods/Oaks E/W	0.15	0.13	0.12	0.14	0.53
Impact from 2-bedroom Units	0.15	0.1	0.1	0.11	0.46
Impact 3-bedroom Units	0.15	0.2	0.15	0.19	0.68
<b>2022 Study</b>					
All Non-Senior Multi-family Units - 8 Projects Combined (excludes 1-bd units)	0.08	0.08	0.07	0.11	0.34
1 & 2 bedroom Unit Projects Burnham Woods/Carrier Woods/Foxcroft	0.03	0.06	0.02	0.05	0.16
1, 2, & 3 bd Unit Projects Coach Lantern/Meadow Woods/Oaks E/W/Southgate/Beacon	0.10	0.09	0.08	0.13	0.40
Impact from 2-bedroom Units	0.06	0.06	0.04	0.08	0.25
Impact 3-bedroom Units	0.19	0.17	0.19	0.25	0.80

Notice the difference between the 2 project types

- 0.16 students/unit compared to 0.40 students/unit

Notice the difference between the impact of 2-bedrooms vs. 3-bedrooms

- 2-bedroom units = 0.25 students/unit
- 3-bedroom units = 0.80 students/unit

# Current GMO Summary

Calendar Year	Current GMO Exemptions				AREA 1 - Rural and SF Districts & Running Hill	AREA 2 - Growth Areas	AREA 3 - CPD		Townwide Total Units (plus exemptions)
	Affordable	MF	Workforce	100 One Bedroom Units	Up to 30 per year	Up to 144 per year	(SF) existing GMO	CPD (MU & MF) existing GMO	
								289	
2023	open	open	10	50	30	71	43	97	<b>301</b>
2024	open	open	10	50	30	71	43	97	<b>301</b>
2025	open	open	10		30	71	43	96	<b>250</b>

## Future New Housing Units

## 2 Scenarios Used to Show POTENTIAL IMPACT of Housing on Enrollment

### Scenario 1 = 190 Housing Units

- 70 - 80 Single Family Homes
- 100 Multi-Family Units
- 10 Unknowns/Exempt (est MF - 2 bd)

### Scenario 2 = 244 Housing Units

- 144 Single Family Homes
- 100 Multi-Family Units

# How many housing units does the “best fit” model account for?

---

See Report Tables  
IV-8 through IV-14  
for calculation  
details

**Preschool Migration** - accounts for **190** new units

- If 190 Housing Units = **0** additional 1st Grade
- If 244 Housing Units = **3.7** additional 1st Grade

**Elementary Migration** - accounts for **142** new units

Used as a measure to calculate for Grade Group Impact  
(K-2, 3-5, 6-8, 9-12)

- If 190 Housing Units = **+19.9** in grades K-12
- If 244 Housing Units = **+63** in grades K-12

**2 Additional  
Models Created**

# Two Scenarios were used to estimated the impact of Residential Development on enrollment

## **Scenario 1** - Impact of Estimated Development = 190 units

### **+19.9 students in K-12**

+4.9 students in K-2

+4.6 students in 3-5

+4.1 students in 6-8

+6.5 students in 9-12

## **Scenario 2** - Impact of Maximum Single Family + Multi-Family = 244 units

### **+3.7 in each First Grade**

### **+63 Students in K-12 (Phased in)**

+14.9 students in K-2

+14.8 students in 3-5

+13.3 students in 6-8

+20.9 students in 9-12

# Future 1<sup>st</sup> Grade Class Sizes

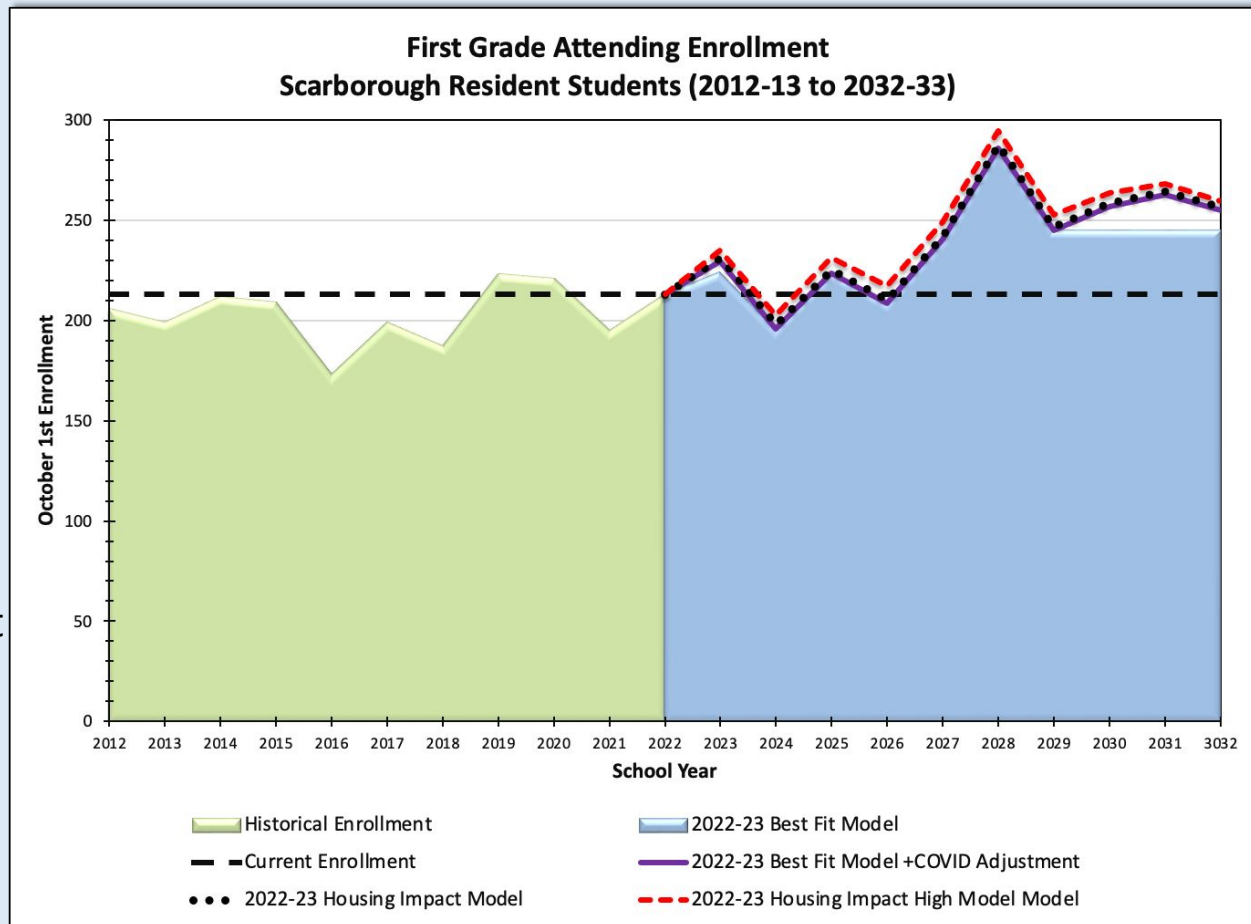
“Best Fit” model estimates will range between 196 and 286 students

- Avg. **236** students
- +26 students from last 3-year average (210 students)

“Best Fit” +COVID Adjustment model = Avg. **241**

Housing Impact = Avg. **242**

Housing Impact, High =  
Avg. **247**





## Future 1<sup>st</sup> Grade Class Sizes

**Table II-1 - Relationship of Entering First Grade Class Size to Resident Births  
Scarborough - Resident Attending Enrollment**

Birth Year (Oct. 15 - Oct. 14)	# of Resident Births	First Grade Year	Best Fit Model	# of Resident Births	COVID Adjustment	Housing Impact Model	Housing Impact High Model
2015-16	157	2022-23*	213		213		
2016-17	138	2023-24	224	138	230	231	235
2017-18	142	2024-25	196	142	196	198	203
2018-19	162	2025-26	224	162	224	225	231
2019-20	151	2026-27	209	151	209	210	217
2020-21	174	2027-28	240	174	240	242	249
2021-22*	207	2028-29	286	207	286	287	295
2022-23 est	177	2029-30	245	177	245	247	253
2023-24 est	177	2030-31	245	186	257	259	264
2024-25 est	177	2031-32	245	190	263	264	268
2025-26 est	177	2032-33	245	185	255	256	259
Most Recent 5-Yr Avg. (2017-18 to 2021-22)	167	Projected 10-Yr Avg. (2023-24 to 2032-33)	236		241	242	247
Most Recent 3-Yr Avg. (2019-20 to 2021-22)	177						

### 2022-23 Best Fit Model:

- Similar to current 639 through 2025
- Increase after, ranging between 733 and 777 students, 706 avg.

### 2022-23 BF + Covid Adj Model:

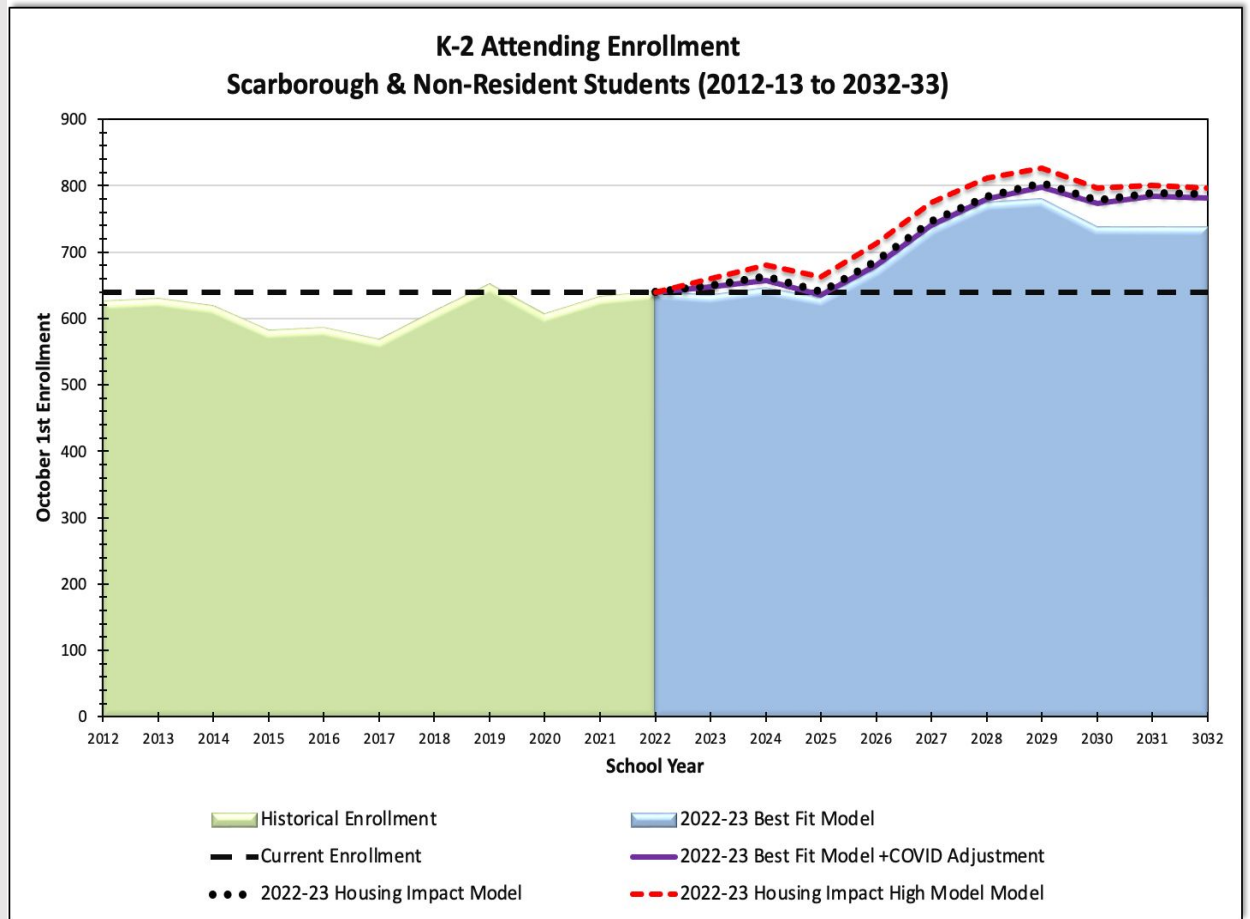
- Similar to BF, but increases more in 2029-30 due to higher est. births
- 726 avg enrollment

### Housing Impact, Scenario 1:

- +4.9 added K-2
- 731 avg enrollment

### Housing Impact High, Scenario 2:

- +3.7 in first grade
- +14.9 added K-2
  - Phased in, then out
- 751 avg enrollment



**Table V-1****K-2 Enrollment by Model - Scarborough - Attending Resident Enrollment**

School Year	Resident Students Attending District Schools			
	Best Fit Model	Best Fit +COVID Adjustment	Housing Impact	Housing Impact HIGH
2022-23*	639			
Projected				
2023-24	633	646	649	659
2024-25	644	656	662	680
2025-26	629	634	639	662
2026-27	672	679	684	711
2027-28	733	739	744	772
2028-29	771	778	782	810
2029-30	777	796	802	825
2030-31	735	771	776	795
2031-32	735	782	787	799
2032-33	735	779	785	794
Projected 10-Year Average (2023-24 to 2032-33)	706	726	731	751

# Appendix Table 25

## Enrollment Trends & Projections - By Primary School - Scarborough Attending Resident Enrollment - 2022-23 Models

School Year	Pleasant Hill				Blue Point				Eight Corners				Total K-2			
	Best Fit	Best Fit + Covid Adj	Housing Impact	Housing Impact HIGH	Best Fit	Best Fit + Covid Adj	Housing Impact	Housing Impact HIGH	Best Fit	Best Fit + Covid Adj	Housing Impact	Housing Impact HIGH	Best Fit	Best Fit + Covid Adj	Housing Impact	Housing Impact HIGH
Historical																
2022-23	197				215				227				639			
Projected																
2023-24	195	197	197	198	212	219	220	226	226	230	232	237	633	646	649	661
2024-25	203	207	207	209	205	211	214	221	236	238	241	250	644	656	662	680
2025-26	194	194	194	197	209	213	215	227	226	227	230	241	629	634	639	665
2026-27	205	208	208	212	224	228	230	243	243	243	246	258	672	679	684	713
2027-28	225	227	227	232	244	248	250	263	264	264	267	280	733	739	744	775
2028-29	236	238	238	243	258	263	264	277	277	277	280	292	771	778	782	812
2029-30	239	244	244	247	259	269	271	282	279	283	287	297	777	796	802	826
2030-31	227	237	237	239	246	261	262	271	262	273	277	286	735	771	776	796
2031-32	227	241	241	242	246	264	266	273	262	277	280	287	735	782	787	802
2032-33	227	240	240	241	246	262	265	270	262	277	280	286	735	779	785	797

NOTES: BASED ON LATEST ENROLLMENT, ENROLLMENT DATA FOR ALL ATTENDING RESIDENT STUDENTS. EXCLUDES ALL RESIDENT STUDENTS ATTENDING SCHOOL OUTSIDE OF DISTRICT SCHOOLS. ADD EXCLUDES ANY DATE

### 2022-23 Best Fit Model:

- Increase from current 675 ranging between 682 and 699 students through 2028-29
- Increase to 844 by 2032, but avg 735

### 2022-23 BF + Covid Adj Model:

- +3 to 24 students/year
- 747 avg enrollment

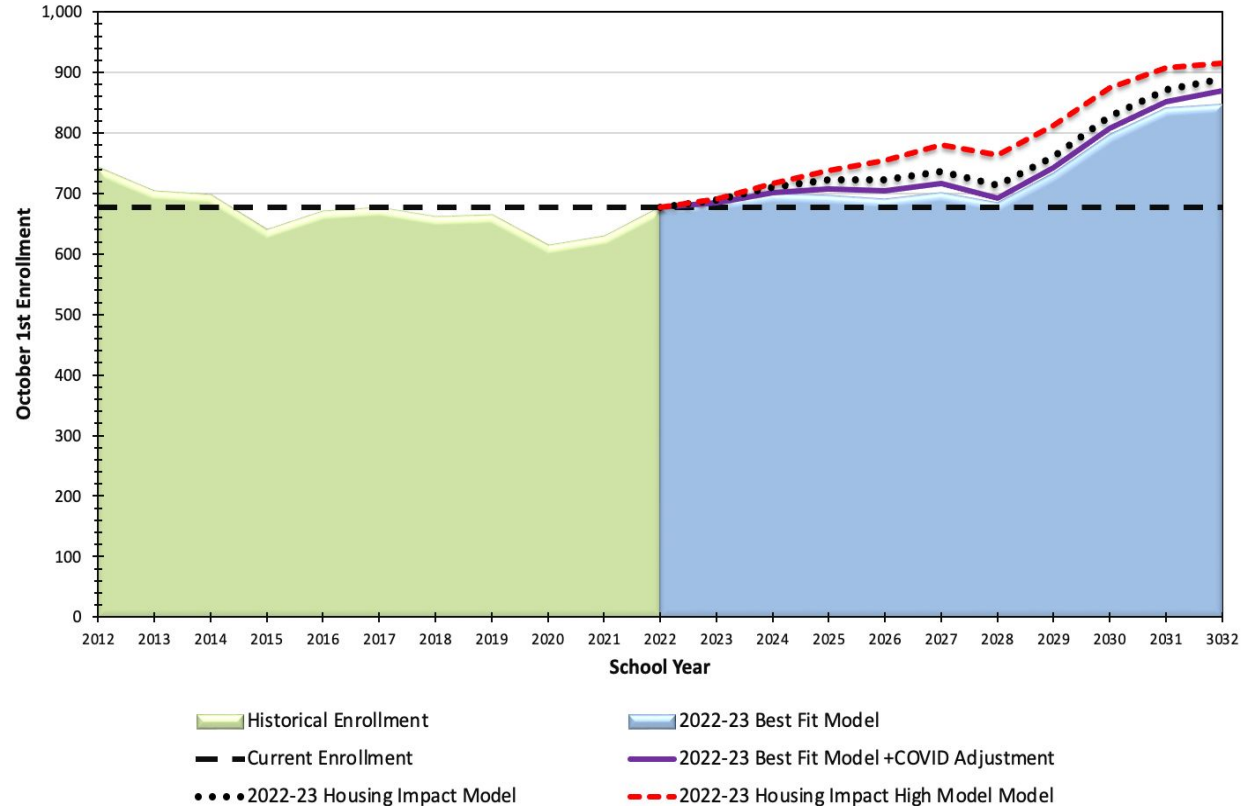
### Housing Impact, Scenario 1:

- +4.6 added 3-5
- 763 avg enrollment

### Housing Impact High, Scenario 2:

- +14.8 added 3-5
  - Phased in, then out
- 794 avg enrollment

### 3-5 Attending Enrollment Scarborough & Non-Resident Students (2012-13 to 2032-33)



**Table V-2****3-5 Enrollment by Model - Scarborough - Attending Resident Enrollment**

School Year	Projection Model			
	Best Fit Model	Best Fit +COVID Adjustment	Housing Impact	Housing Impact HIGH
2022-23*	675			
Projected				
2023-24	684	684	688	690
2024-25	698	701	710	716
2025-26	694	706	721	737
2026-27	689	704	722	753
2027-28	699	715	736	779
2028-29	682	691	712	762
2029-30	731	741	760	811
2030-31	795	807	826	873
2031-32	838	850	869	906
2032-33	844	868	888	914
Projected 10-Year Average (2023-24 to 2032-33)	735	747	763	794



### 2022-23 Best Fit Model:

- Similar to current 669 ranging between 646 and 668 students through 2024-25
- Slow increase to 761 by 2032, but avg 710

### 2022-23 BF + Covid Adj Model:

- +3 to 16 students/year
- 716 avg enrollment

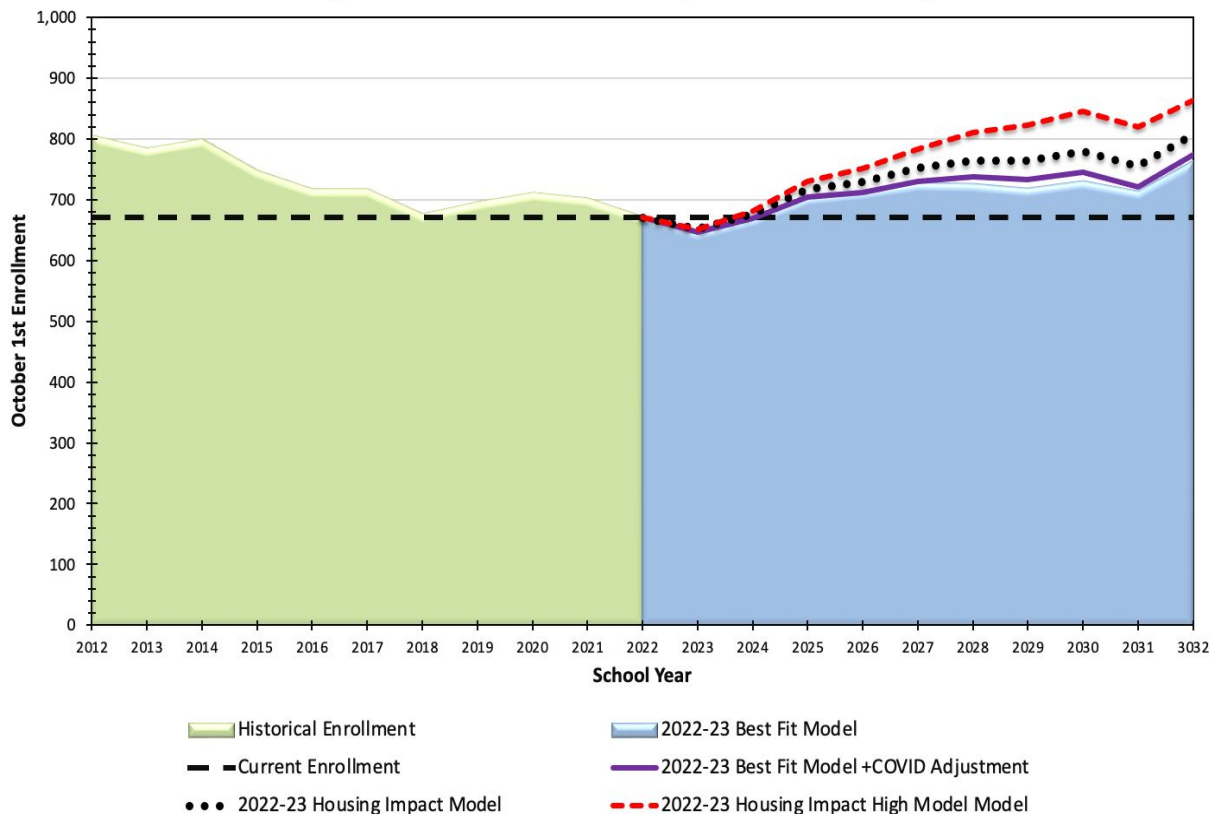
### Housing Impact, Scenario 1:

- +4.1 added 6-8
- 739 avg enrollment

### Housing Impact High, Scenario 2:

- +13.3 added 6-8
  - Phased in, then out
- 775 avg enrollment

**6-8 Attending Enrollment  
Scarborough & Non-Resident Students (2012-13 to 2032-33)**



**Table V-3**  
**6-8 Enrollment by Model - Scarborough - Attending Resident Enrollment**

School Year	Projection Model			
	Best Fit Model	Best Fit +COVID Adjustment	Housing Impact	Housing Impact HIGH
2022-23*	669			
Projected				
2023-24	646	646	651	651
2024-25	668	668	676	681
2025-26	704	704	717	729
2026-27	713	711	729	751
2027-28	726	729	751	783
2028-29	724	737	764	810
2029-30	717	733	764	822
2030-31	728	744	778	843
2031-32	712	720	754	819
2032-33	761	772	805	861
Projected 10-Year Average (2023-24 to 2032-33)	710	716	739	775



### 2022-23 Best Fit Model:

- Decline from current 908 to reach 833 students by 2027-28
- Slow increase to 937 by 2031, Avg 888

### 2022-23 BF + Covid Adj Model:

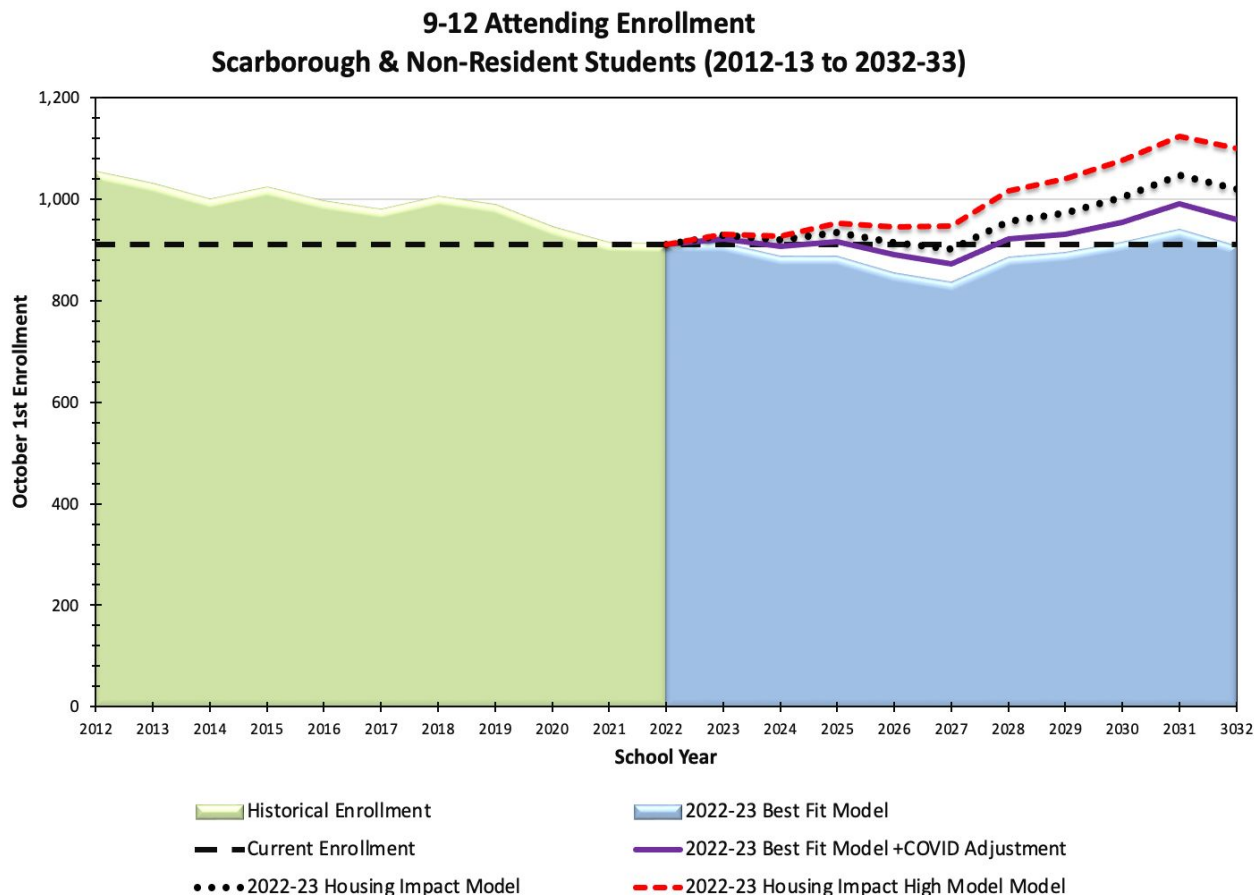
- +11 to 52 students/year
- 924 avg enrollment

### Housing Impact, Scenario 1:

- +6.5 added to 9-12
- 958 avg enrollment

### Housing Impact High, Scenario 2:

- +20.9 added to 9-12
  - Phased in, then out
- 1,004 avg enrollment



**Table V-4**  
**9-12 Enrollment by Model - Scarborough - Attending Resident Enrollment**

School Year	Projection Model			
	Best Fit Model	Best Fit +COVID Adjustment	Housing Impact	Housing Impact HIGH
2022-23*	908			
Projected				
2023-24	909	920	927	929
2024-25	884	905	918	926
2025-26	883	914	933	950
2026-27	850	888	912	944
2027-28	833	870	900	945
2028-29	881	919	955	1,015
2029-30	891	929	971	1,038
2030-31	910	952	1,001	1,074
2031-32	937	989	1,045	1,122
2032-33	903	958	1,019	1,098
Projected 10-Year Average (2023-24 to 2032-33)	888	924	958	1,004

## Historical Enrollment

K-12 enrollment has declined

- 3,224 students in 2012-13
- 2,891 students in 2022-23
- 357 students over period!

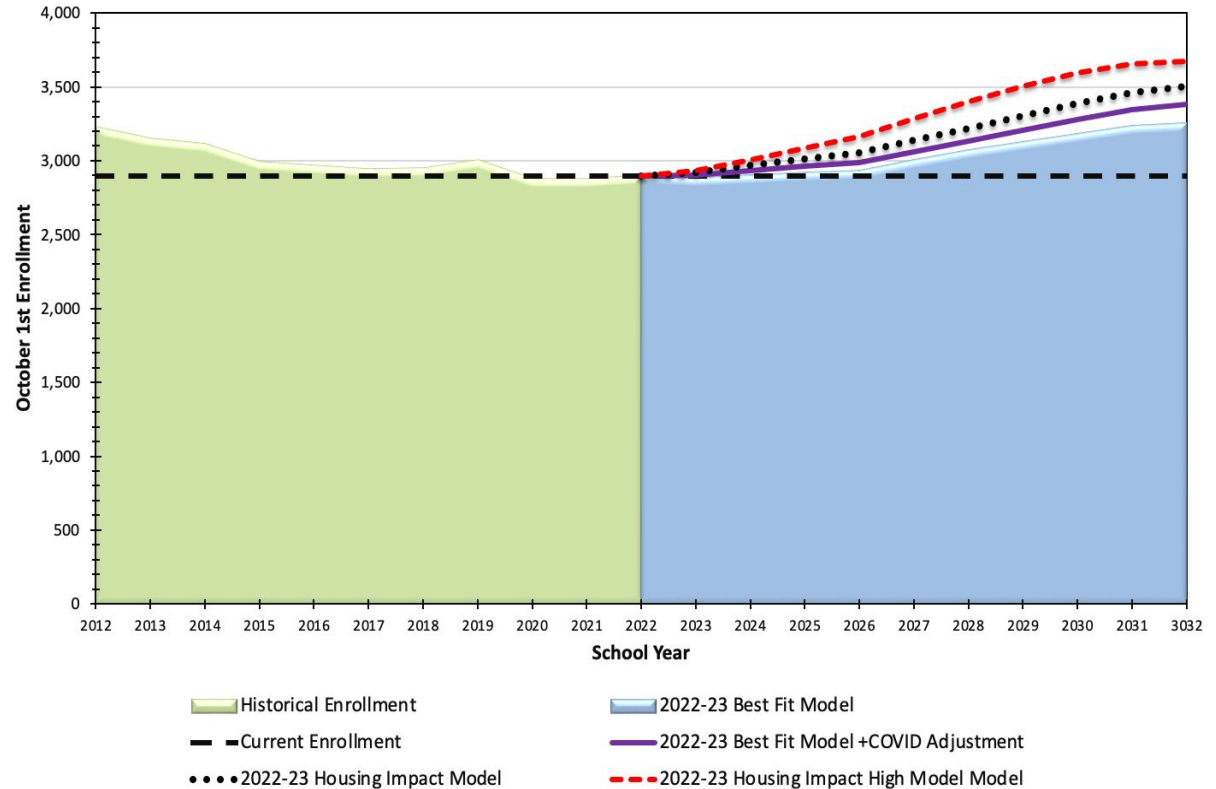
## Future Enrollment

K-12 enrollment projected to increase the next 10-years

By 2032-33 enrollment estimate:

- Best Fit = **3,243**
- BF + Covid Adj = **3,337**
- HI = **3,497**
- HI, High = **3,667**

K-12 Attending Enrollment  
Scarborough & Non-Resident Students (2012-13 to 2032-33)



# Recommendations



Watch resident birth trends!!!



Watch preschool, elementary and grade-to-grade migration trends for changes



Track the number of new students from the multi-family housing over the next 3 years (Oct. 1<sup>st</sup> counts)



Watch Housing Trends – especially keep eye on what happens Growth Management Ordinance