# Demographic Analysis & Enrollment Projections Report

# June 5, 2024

Presented by King Consulting
Rob Murray, Director of Demographics

# Demographic Analysis and Enrollment Projections Summary

# Hillsborough City SD Overview

- HCSD enrollment is positioned to **decrease** based primarily on demographic trends and cohort replacement.

- Other factors will partially **offset** these decreased enrollments:

  - *Increasing transitional kindergarten (**TK**) enrollment eligibility.*

  - *Additional students **moving to Hillsborough** to increase the enrollment in existing cohorts.*

- However, the continuing replacement of existing larger cohorts by smaller incoming cohorts will lead to decreasing enrollments for HCSD through 2030-31.



**District Map**
**Hillsborough City School District**
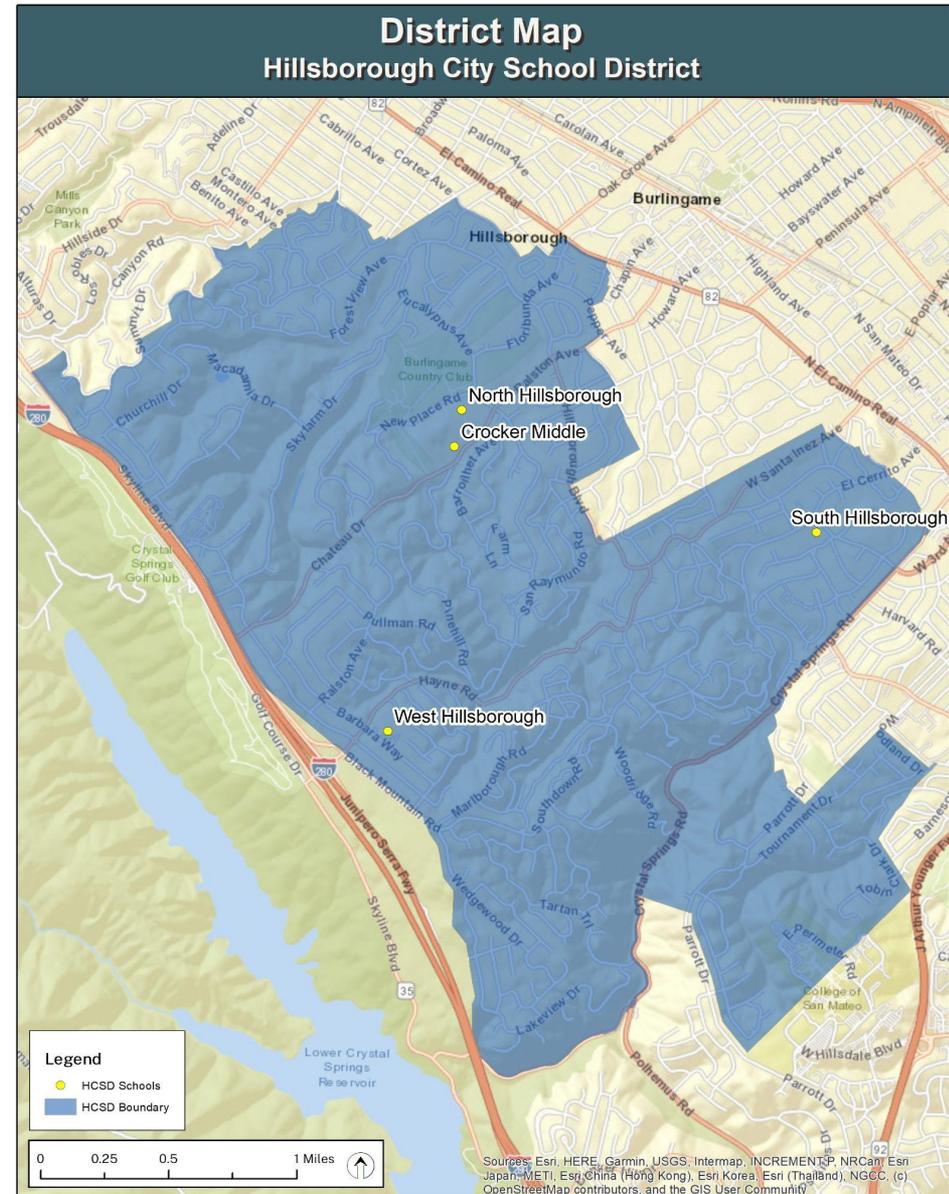
# Demographic Analysis Methodology and Data

# Demographics Overview

- Demographics Analysis and Enrollment Projections is a data-driven process.

- There is an array of data from many sources that informs projections of future enrollment.

- There are four broad areas that affect what future enrollment will look like:

    - *Cohort size difference*

    - *Incoming cohort populations (Kindergarten and Transitional Kindergarten)*

    - *Existing student net migration (cohort survival)*

    - *Impact of residential development*

# Demographics Methodology

| Projection Focus | Data Needed | Methodology |
|---|---|---|
| Cohort Size Difference | Current & Incoming cohort sizes | Observe notable differences in size of current and incoming cohorts. |
| New Incoming Cohorts (TK and Kindergarten) | Births, TK/Kindergarten Enrollments | Find average ratio of birth cohorts and future TK/Kinder enrollments; apply ratio to birth cohorts not yet enrolled. |
| Existing student net migration (cohort survival) | Current/historical enrollments | Calculate net change for each grade, each year; determine weighted average for each grade; apply to all enrollments in future years |
| Impact of Development | Student Generation Rates (SGR),Development Units and Timeline | Only for development above recent historical levels, apply SGRs to future units in appropriate year, add new students to existing projection and continue to include those students in cohort survival calculations. |

# District and Community Demographics

# Historical Enrollment Trends
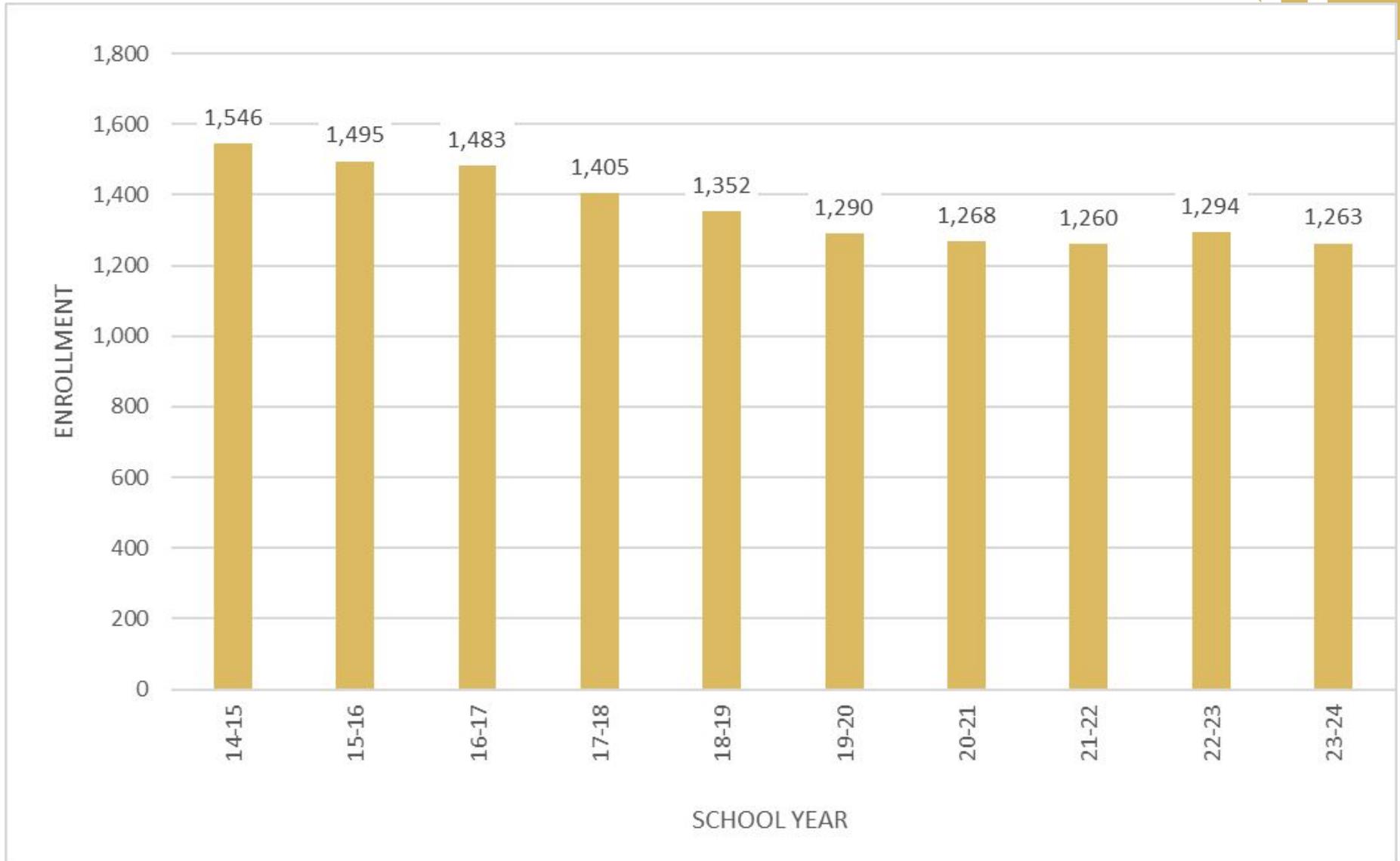
# Annual Growth/Decrease
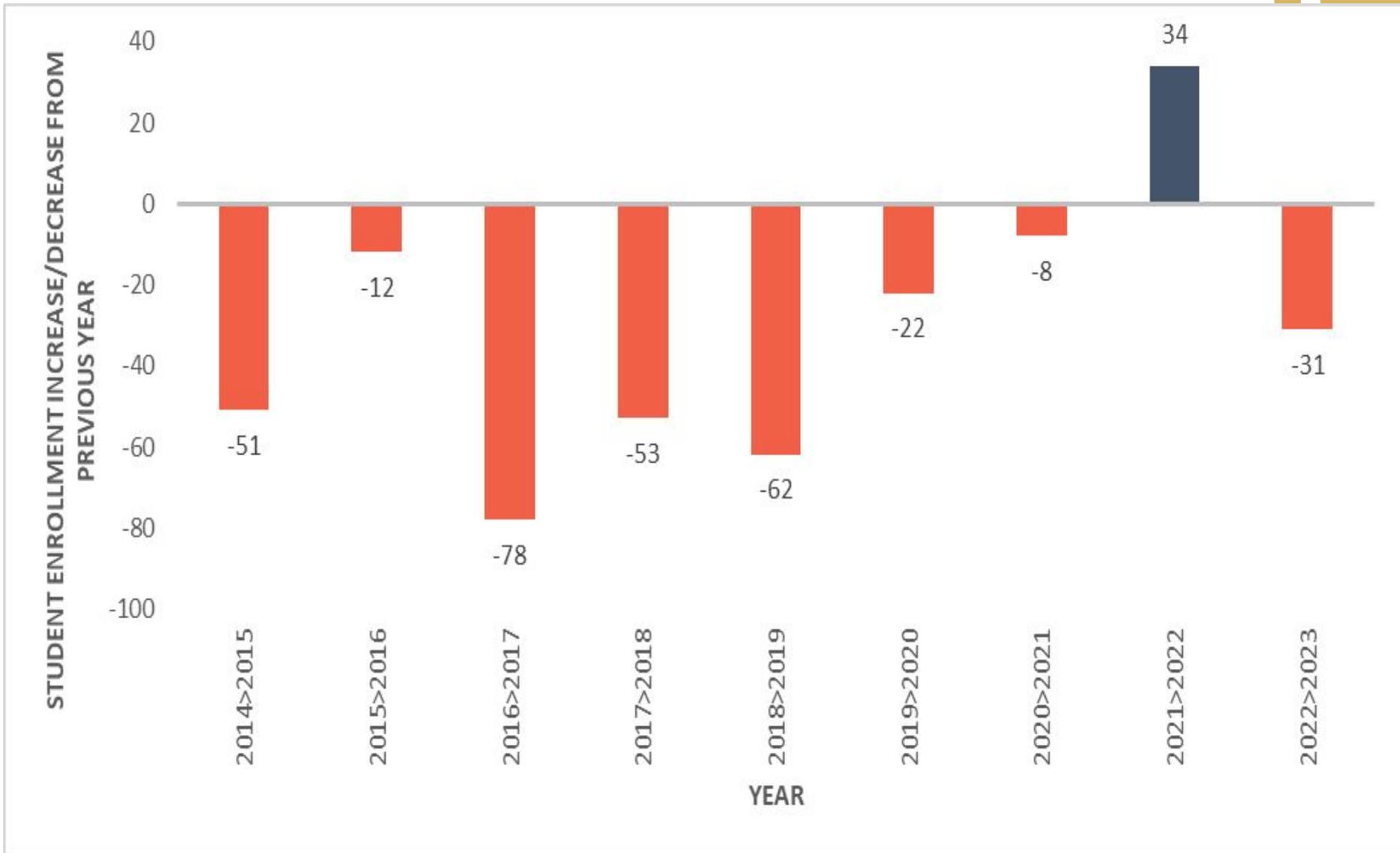
# Kindergarten Enrollment Trends
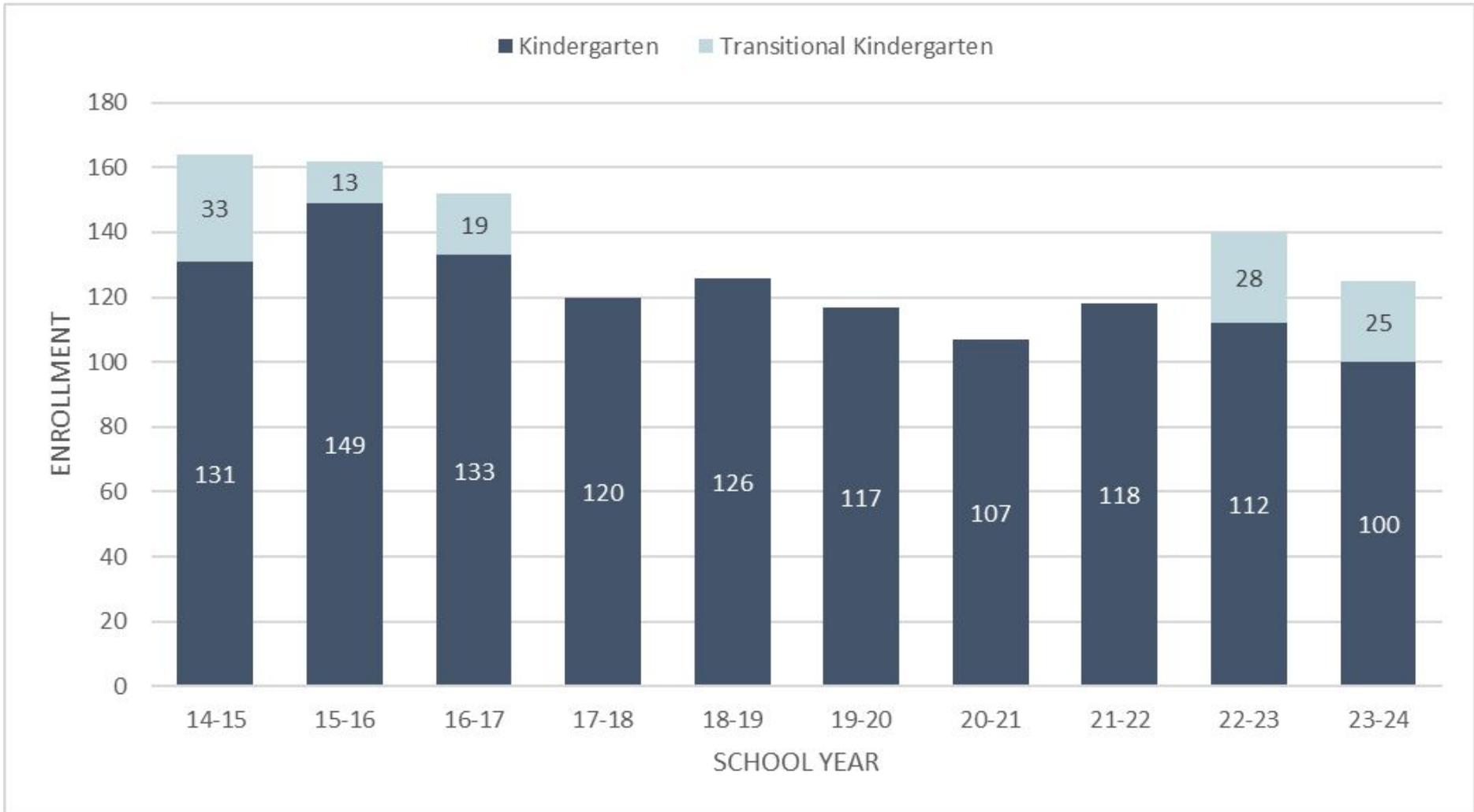
# Total Population of Community
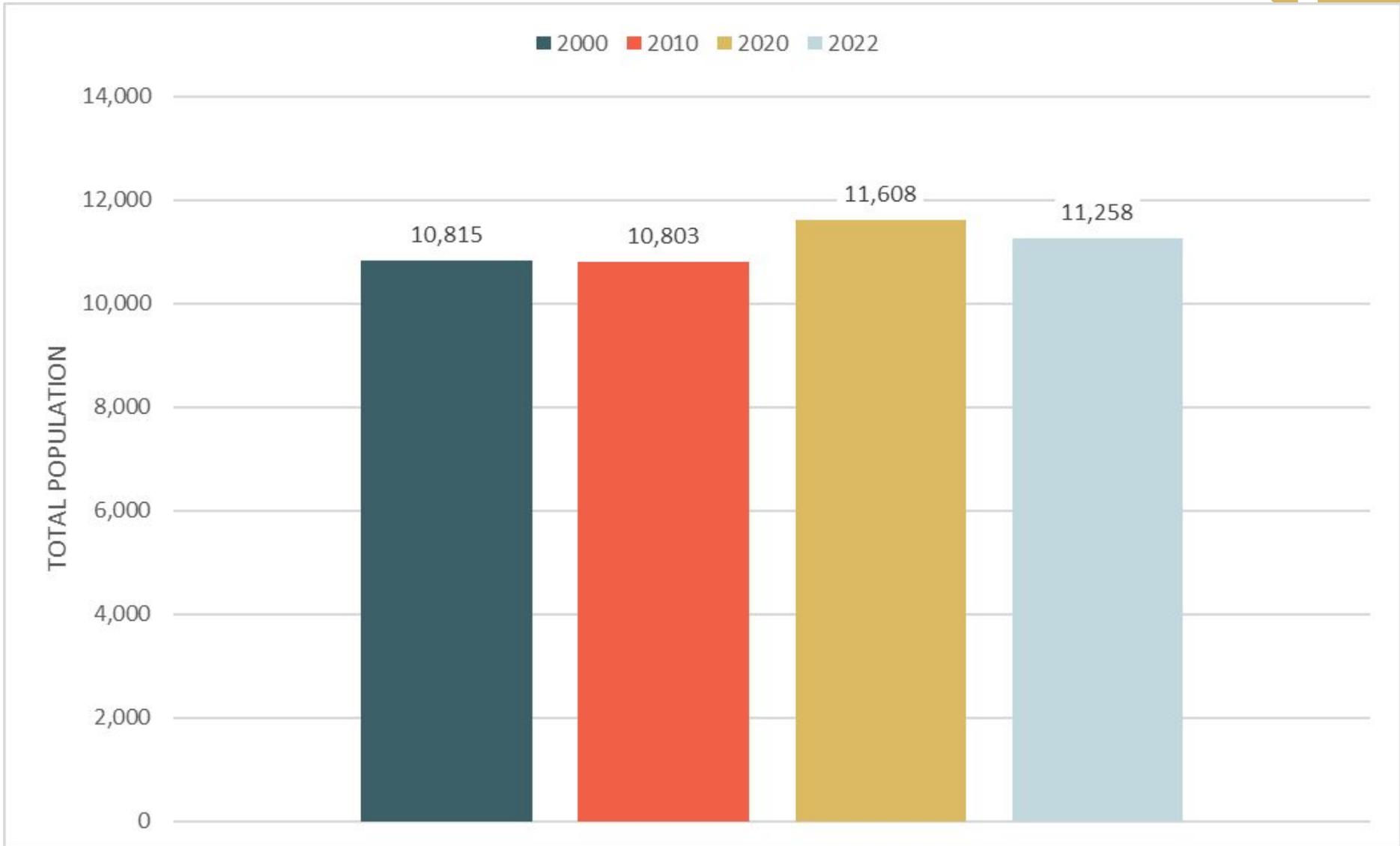
# Total Population of Community
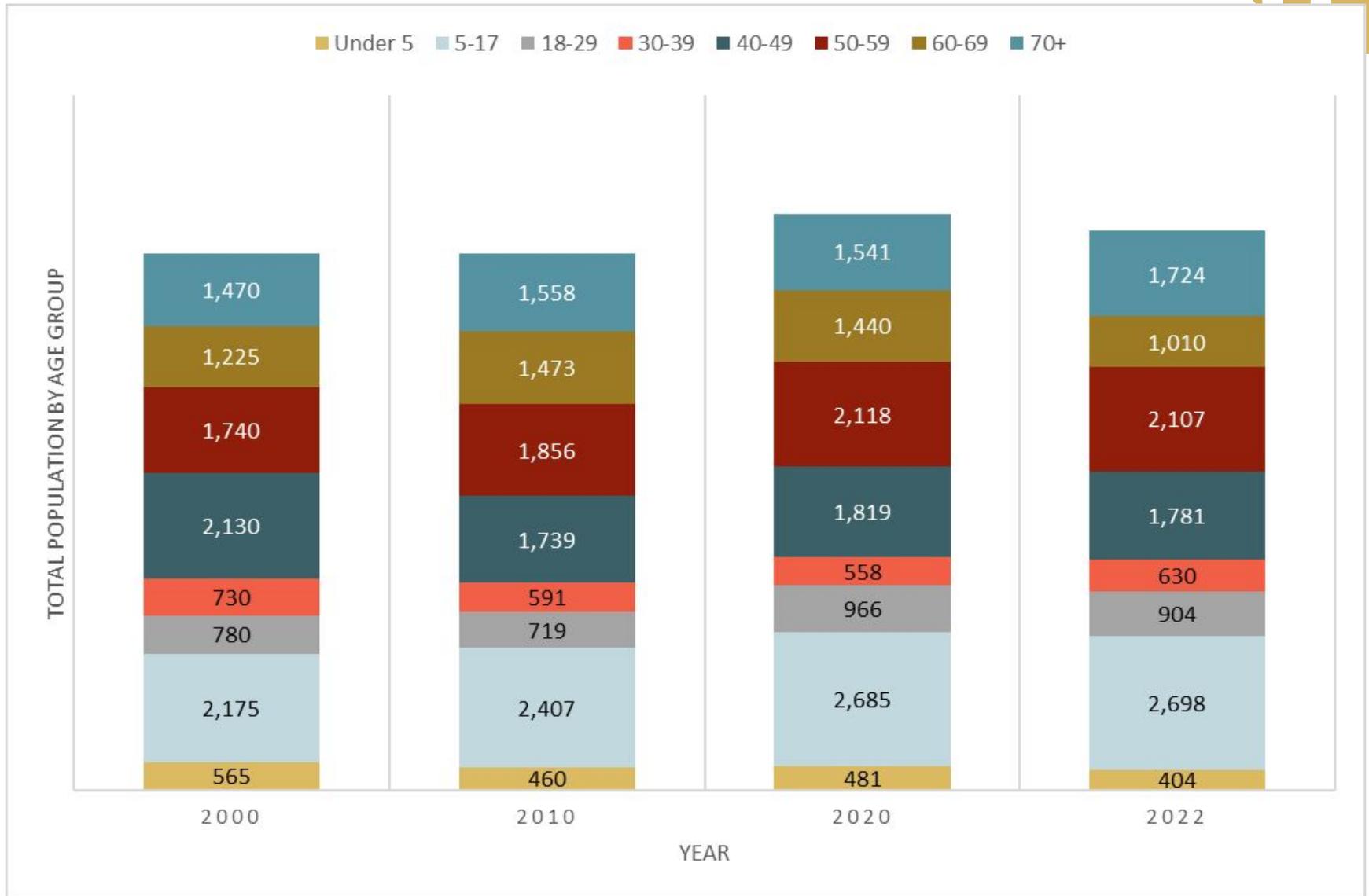
# Enrollment Projections

# Local Births
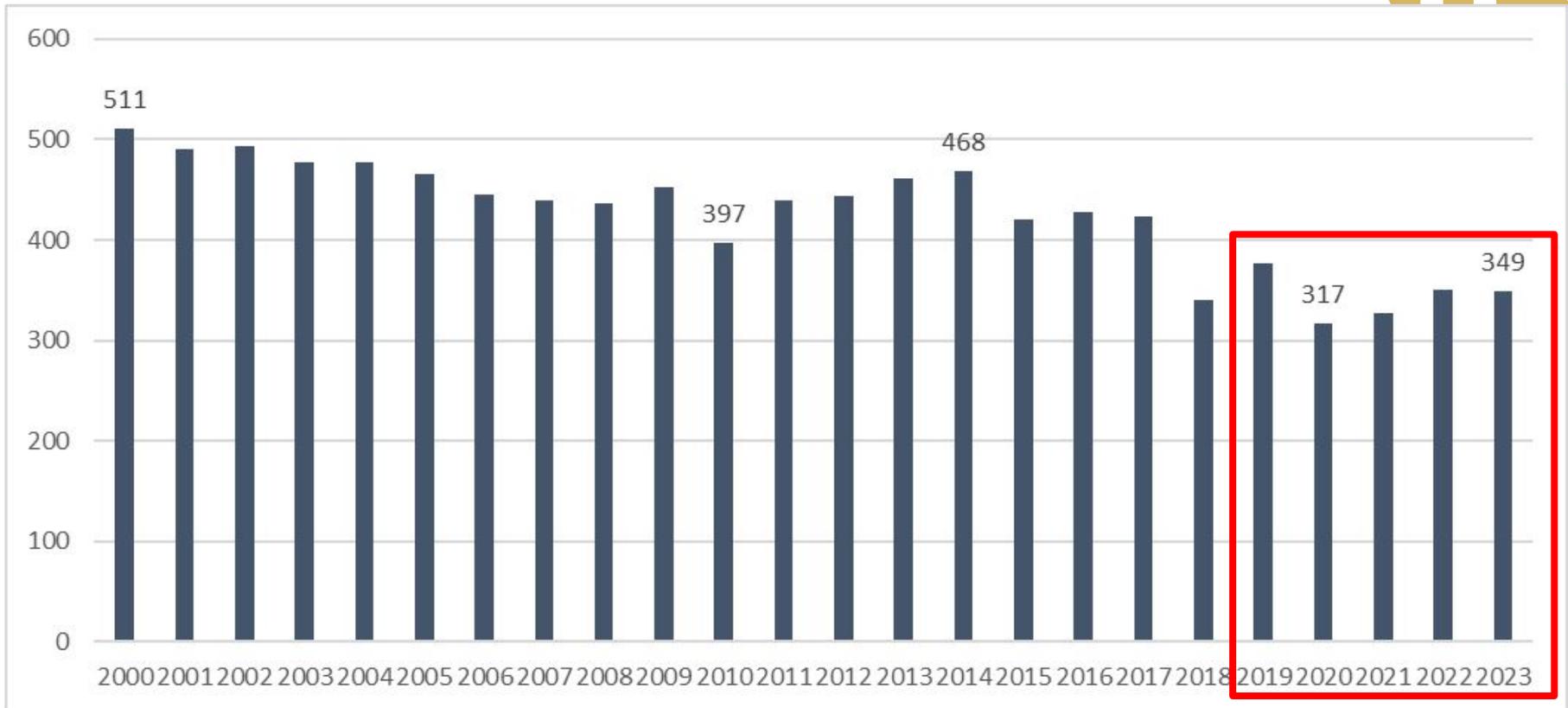


- Local births generally decreased since 2000, but there were periods of increasing births during that time.

- Local births dropped sharply between 2017 and 2018, however, and have remained lower ever since.

- While births have increased since the lowest point in 2020, recent births remain well below the totals from 2017 and earlier.

- Since births are very closely tied to future kindergarten enrollments, these values inform projections for projected incoming cohorts.

# Grade-to-Grade Migration (Total)
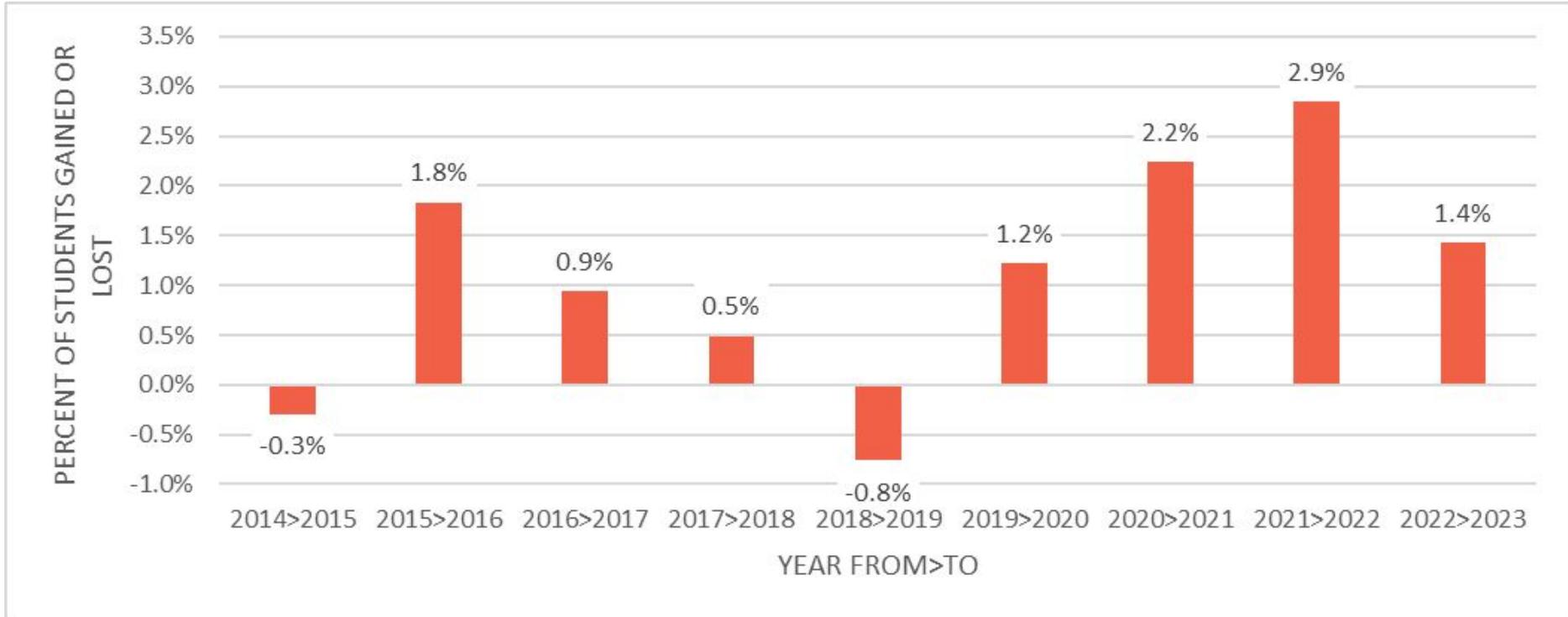


- Grade-to-grade migration measures how cohort size changes as students advance from year to year.

- Total migration is all K-7 students of one year compared to the next year's 1-8 students (i.e. the students who would be expected to return).

  - *HCSD migration is generally positive, with elevated rates in 2021 and 2022.*

# Grade-to-Grade Migration (Elementary)
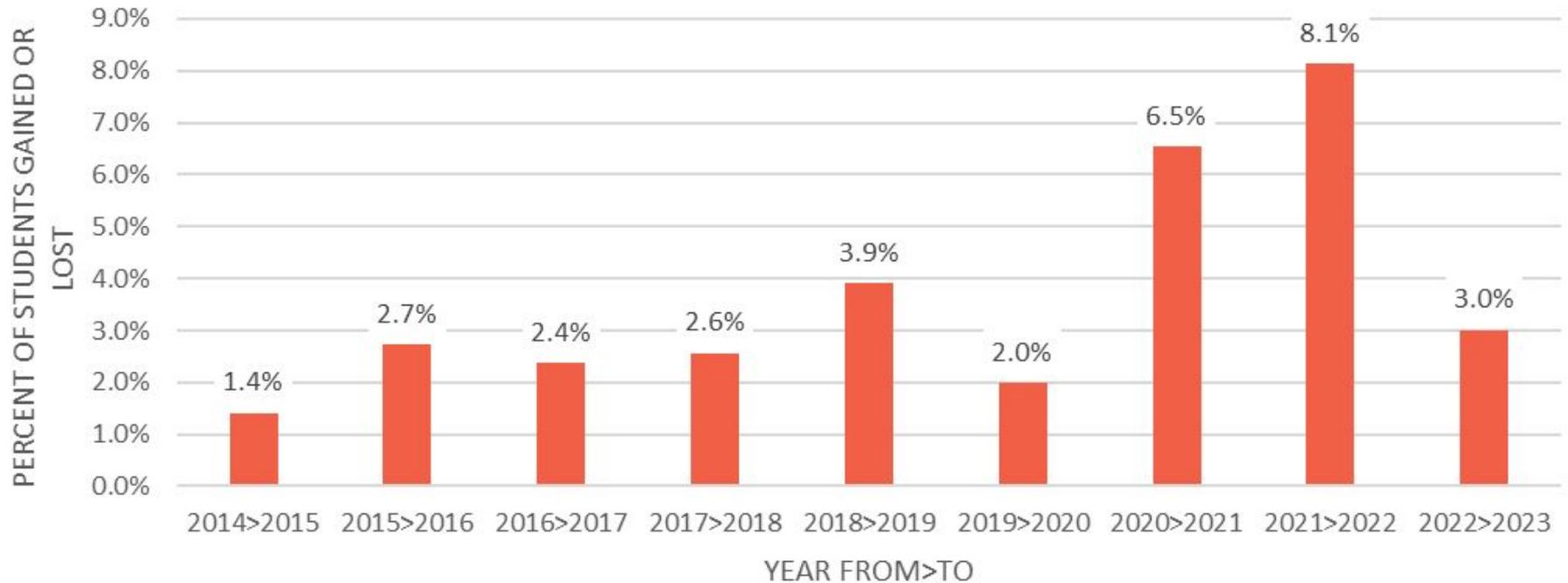


- Grade-to-grade migration at the HCSD elementary school grades is much more positive, and growth among these grade cohorts accounted entirely for the spike in overall cohort growth seen in 2021 and 2022.

# Grade-to-Grade Migration (Middle)
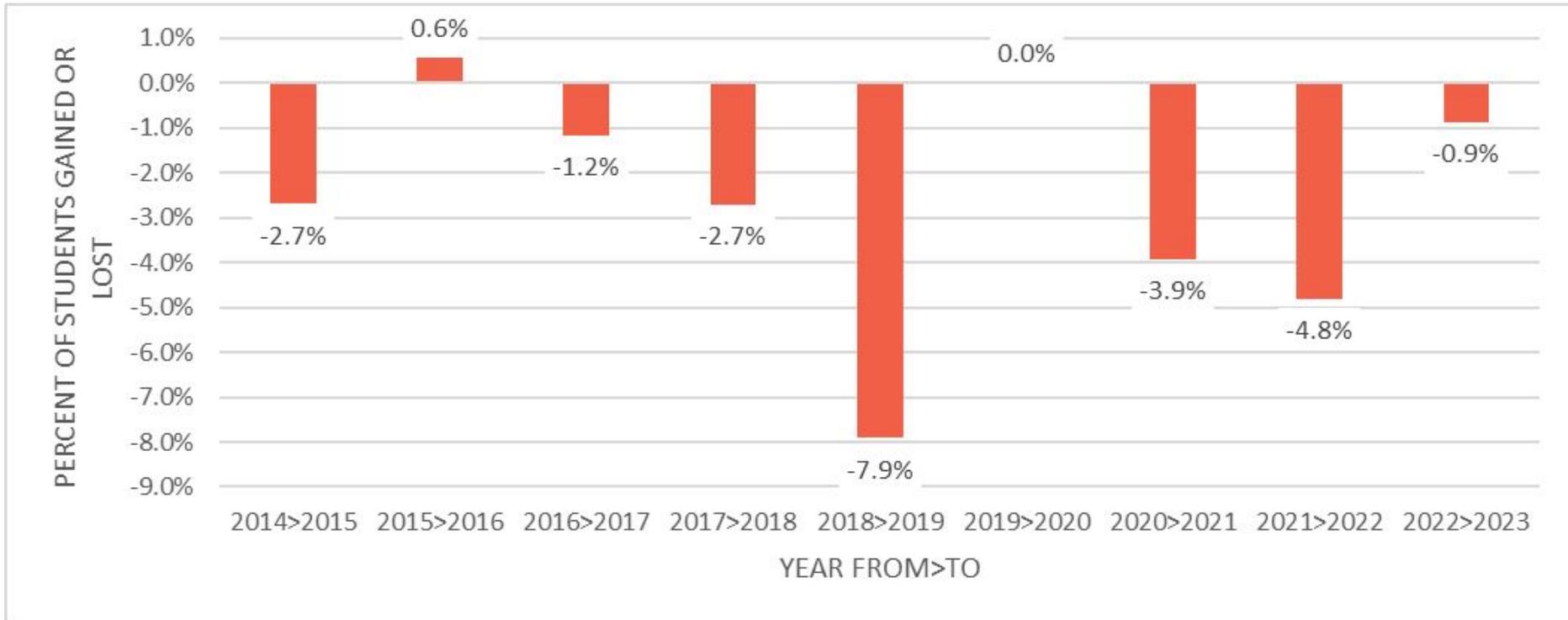


- Grade-to-grade migration at the HCSD middle school grades, on the other hand, is typically negative.

- This is driven by a persistent net loss of students between 5th and 6th grade, averaging 9% over the last three years.

# Residential Development

- Most recent development in the Town of Hillsborough has occurred in the form of Accessory Dwelling Units (ADUs).
  - *The impact of the uptick in ADU construction in the last few years is already accounted for in net cohort growth rates.*

- In December 2023, the Town adopted its 2023-2031 Housing Element, which identified the need to plan for **554** new homes, 244 of which should be affordable to some extent.

- The adopted Housing Element assumes **400** of these units (of which 200 will be affordable) will be provided by continued **ADU construction**.

- The remaining units could occur in identified opportunity sites, but until there are specific project proposals, students generated will not be added to the HCSD enrollment projections.

# HCSD Enrollment Projection Overview

- The modest growth or slower decrease in total enrollment in 2021 and 2022 correspond with additional TK enrollment and spikes in elementary school net cohort growth when ADU construction increased.
  - *TK enrollment will likely increase over the next few years.*
  - *Net cohort growth is projected to be higher than in the current year but below the record high 2021 and 2022 rates.*

- The more significant factor for future enrollment is the replacement of older, larger cohorts with smaller incoming groups of students.
  - *Local birth rates indicate there are fewer children available to enroll at HCSD.*
  - *Meanwhile, the cohorts currently in upper elementary and middle school started off as much larger cohorts, providing potential for decreasing enrollment when they matriculate.*

- If a large residential development project is proposed and approved, especially one with a lot of affordable units, this could add additional students who would move to the District.
  - *However, there is no current indication of any such project that may be completed by 2030.*

# HCSD Moderate Enrollment Projection

# HCSD Moderate Enrollment Projection

| Grade | Actual | | | | Projected | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 21-22 | 22-23 | 23-24 | | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 |
| TK | 0 | 28 | 25 | | 27 | 37 | 42 | 44 | 44 | 47 | 50 |
| K | 118 | 112 | 100 | | 105 | 88 | 91 | 98 | 97 | 94 | 95 |
| 1 | 116 | 130 | 116 | | 107 | 112 | 94 | 97 | 104 | 104 | 100 |
| 2 | 128 | 124 | 132 | | 121 | 111 | 116 | 98 | 101 | 108 | 108 |
| 3 | 152 | 138 | 132 | | 142 | 130 | 119 | 125 | 106 | 109 | 117 |
| 4 | 150 | 160 | 142 | | 137 | 148 | 135 | 124 | 130 | 110 | 113 |
| 5 | 154 | 166 | 162 | | 145 | 140 | 151 | 138 | 127 | 133 | 112 |
| 6 | 153 | 139 | 152 | | 147 | 132 | 128 | 138 | 126 | 116 | 121 |
| 7 | 151 | 153 | 145 | | 155 | 151 | 135 | 131 | 141 | 129 | 118 |
| 8 | 138 | 144 | 157 | | 144 | 154 | 149 | 134 | 129 | 140 | 128 |
| Total | 1,260 | 1,294 | 1,263 | | 1,231 | 1,204 | 1,162 | 1,127 | 1,106 | 1,089 | 1,063 |

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# Thank You

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