

# **Los Altos School District Demographic Findings**

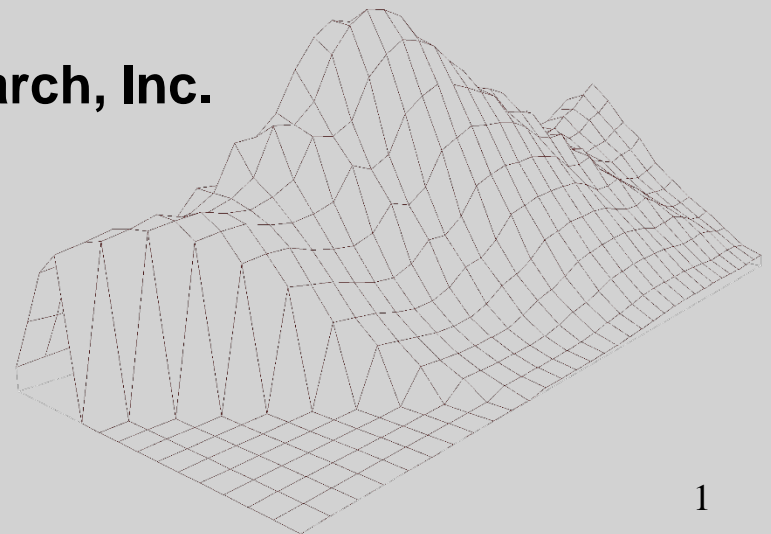
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**[www.Demographers.com](http://www.Demographers.com)**

**April 28, 2014**



# Agenda

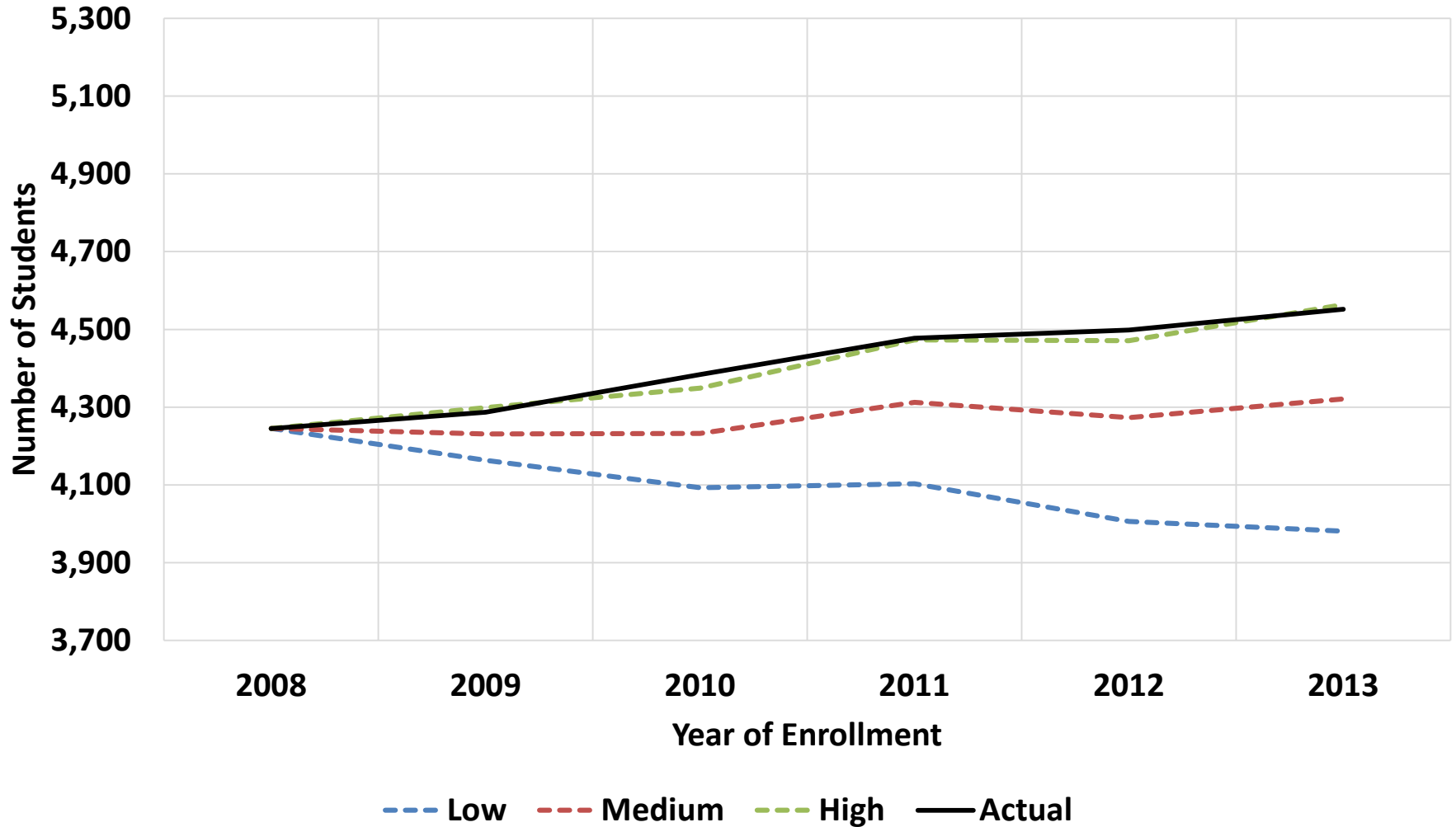
- **Evaluation of prior forecasts**
- **Factors affecting enrollments**
- **Forecast range and scenario**
- **Forecast uncertainties**
- **Conclusions**

# Evaluation of Prior Forecasts

- **Forecasts indicate the range of likely future enrollments**
- **Analysis of our 16 previous forecasts (1997-2012) shows that actual enrollments have almost always been between our Medium and High forecasts**
- **The following five charts show the previous five forecasts and how they compare to actual enrollments**

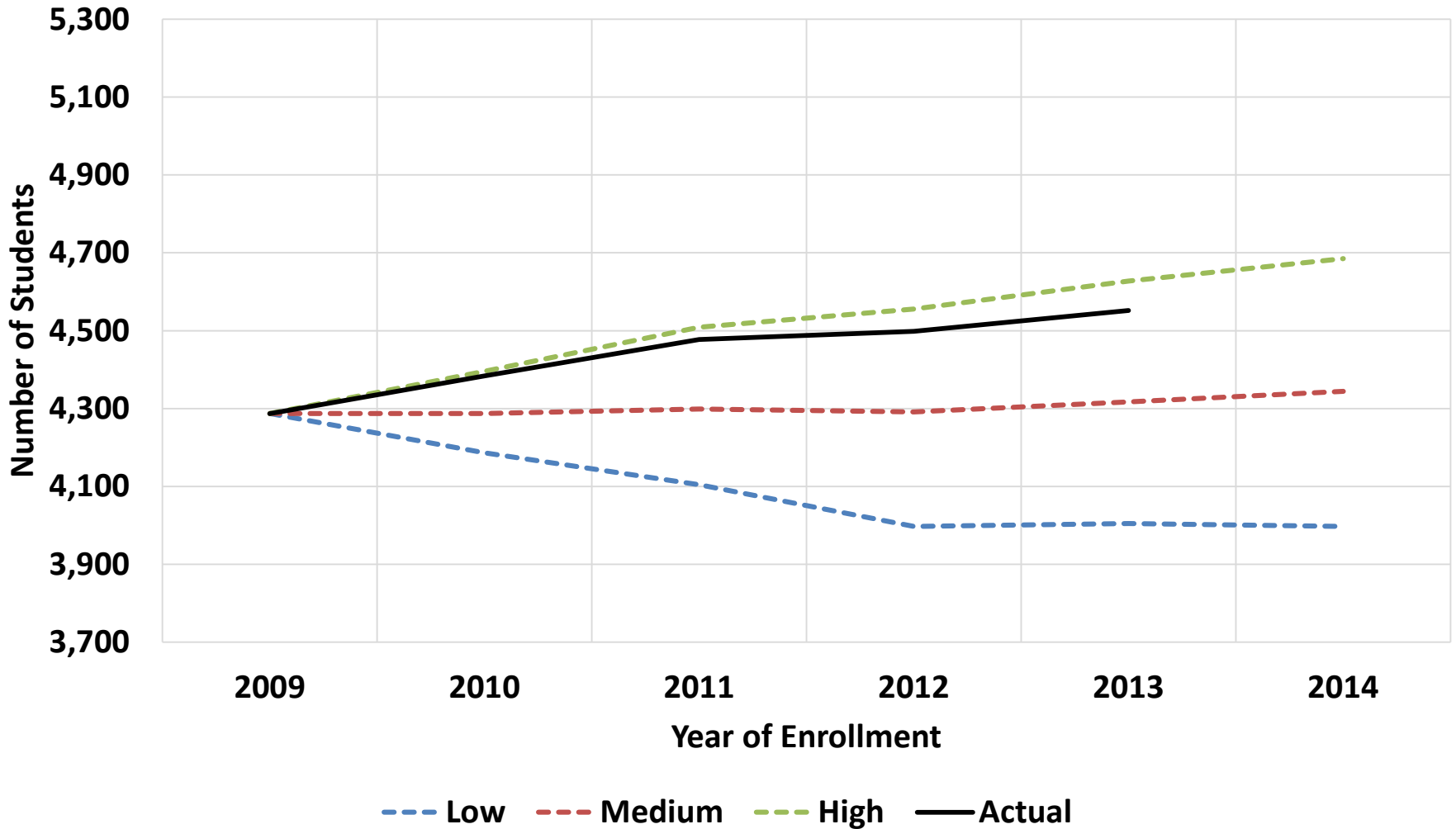
# 2008 Enrollment Forecasts Compared to Actual Enrollment (K-8)

(Note: Scale does not start at zero)



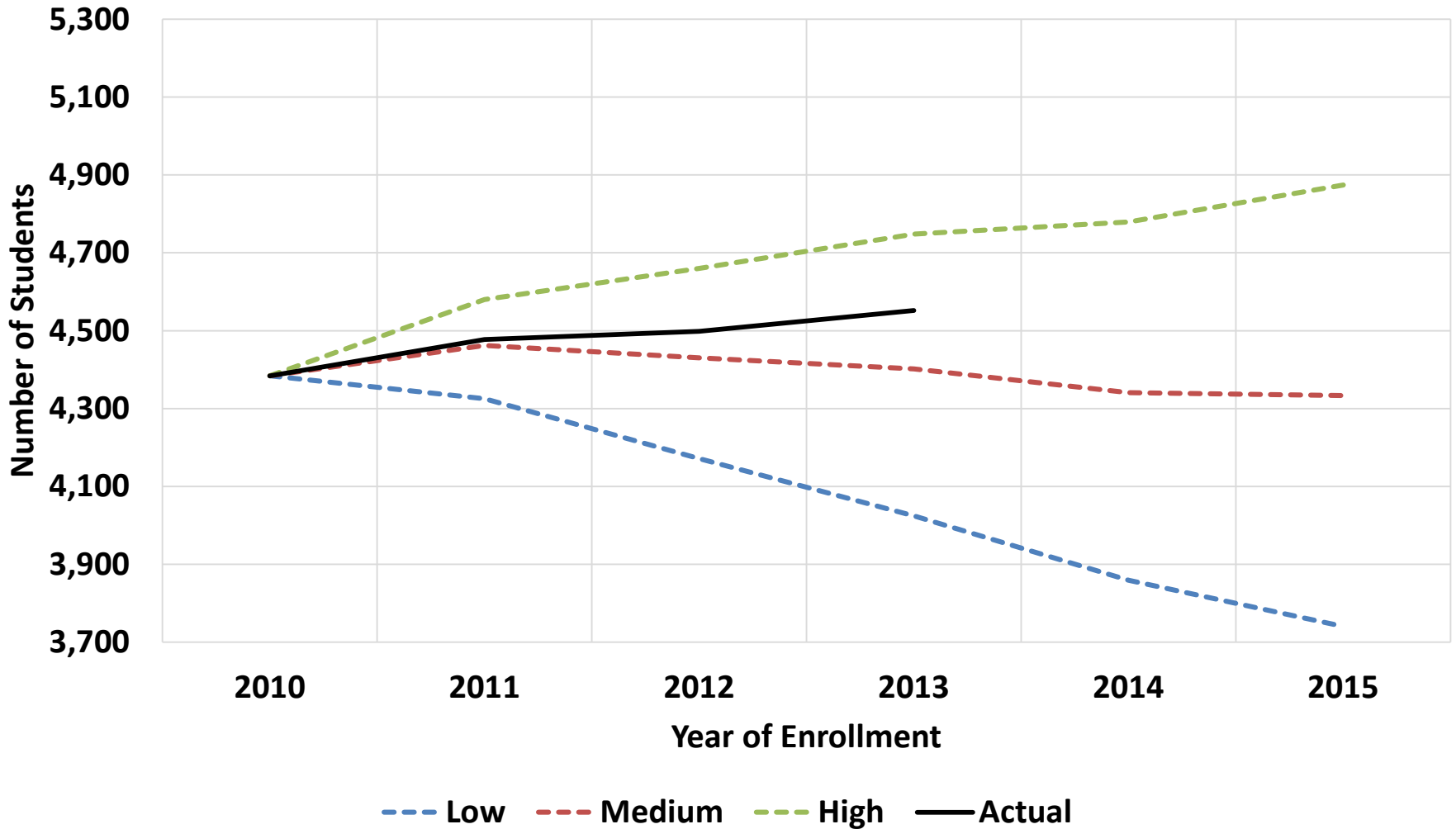
# 2009 Enrollment Forecasts Compared to Actual Enrollment (K-8)

(Note: Scale does not start at zero)



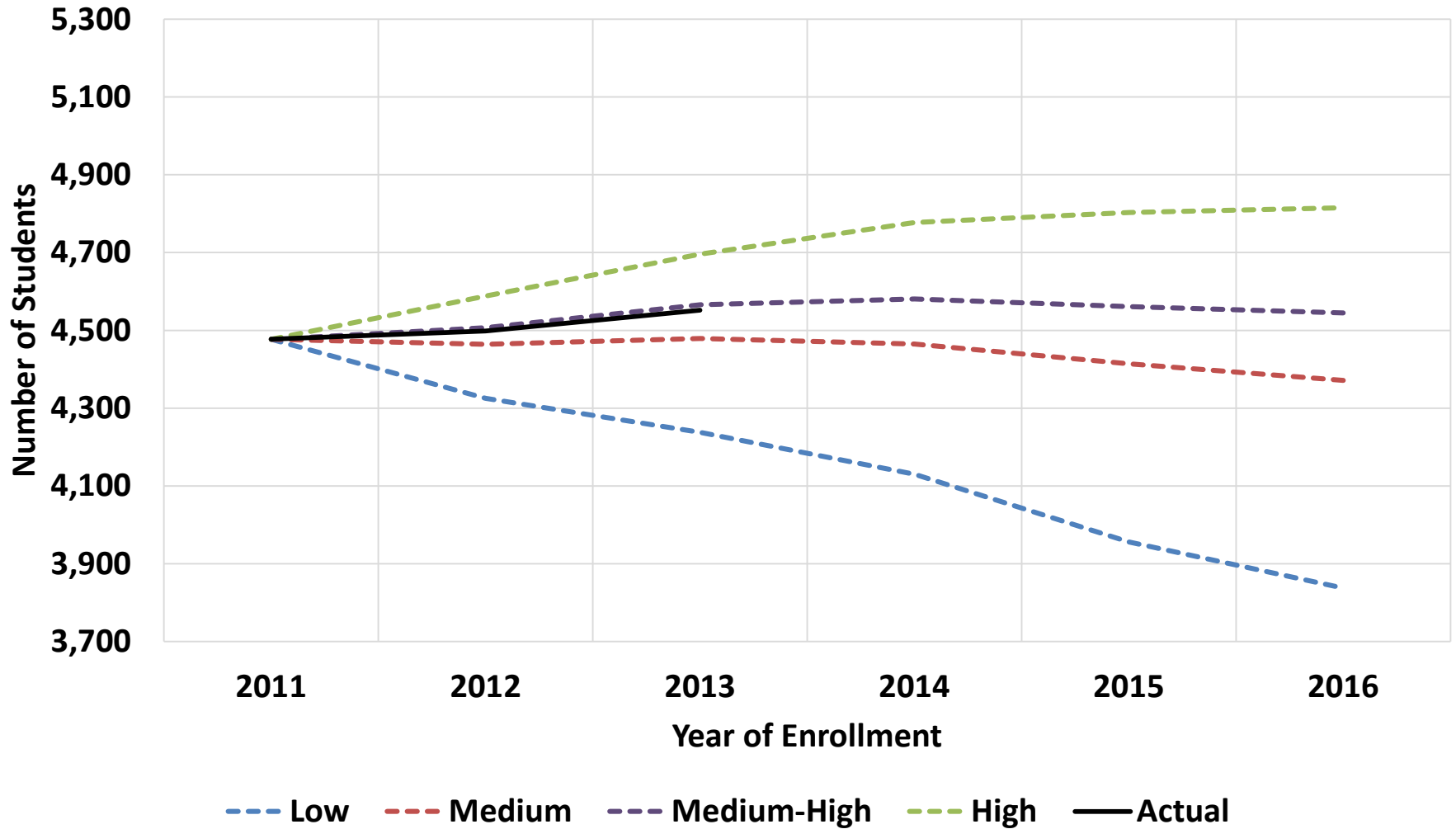
# 2010 Enrollment Forecasts Compared to Actual Enrollment (K-8)

(Note: Scale does not start at zero)



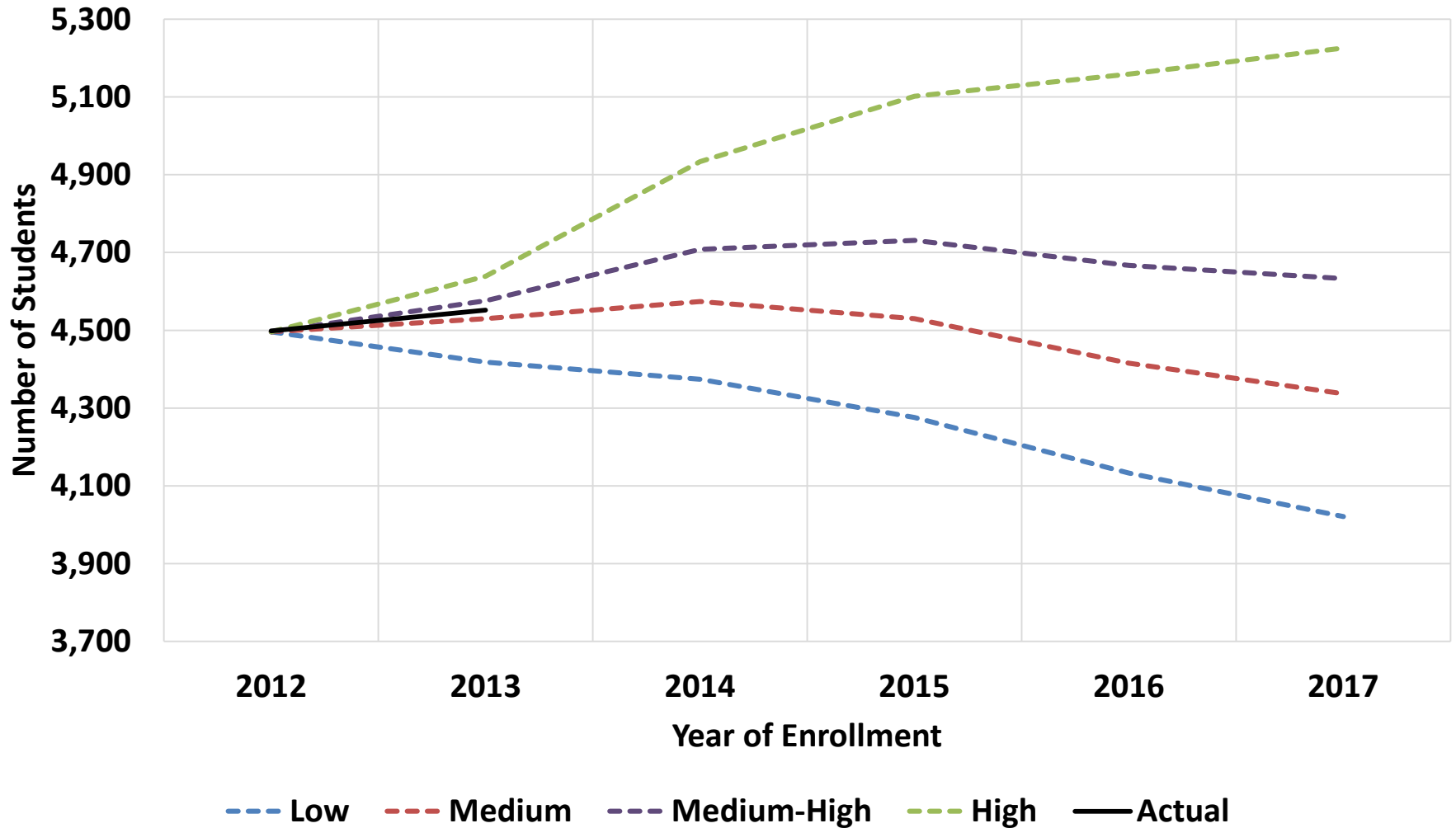
# 2011 Enrollment Forecasts Compared to Actual Enrollment (K-8)

(Note: Scale does not start at zero)



# 2012 Enrollment Forecasts Compared to Actual Enrollment (K-8)

(Note: Scale does not start at zero)





# **New Forecasts**

# New Factors Affecting Forecasts

- **TK program expansion**
  - An extra month of students will qualify for TK in Fall 2014.
  - Proposed law to make TK a full year (SB 837)
    - Would ultimately increase TK enrollments by about 300 more than the existing program.
- **Full Kindergarten eligibility in Fall 2015**
  - In Fall 2012, 2013, and 2014, only 11 birth months of students enter kindergarten.
- **Large student inflow during the current year**
  - Between CBEDS (Oct 2013) and March 2014, a 1.4% increase (64 students); this is almost three times more than the historical average.

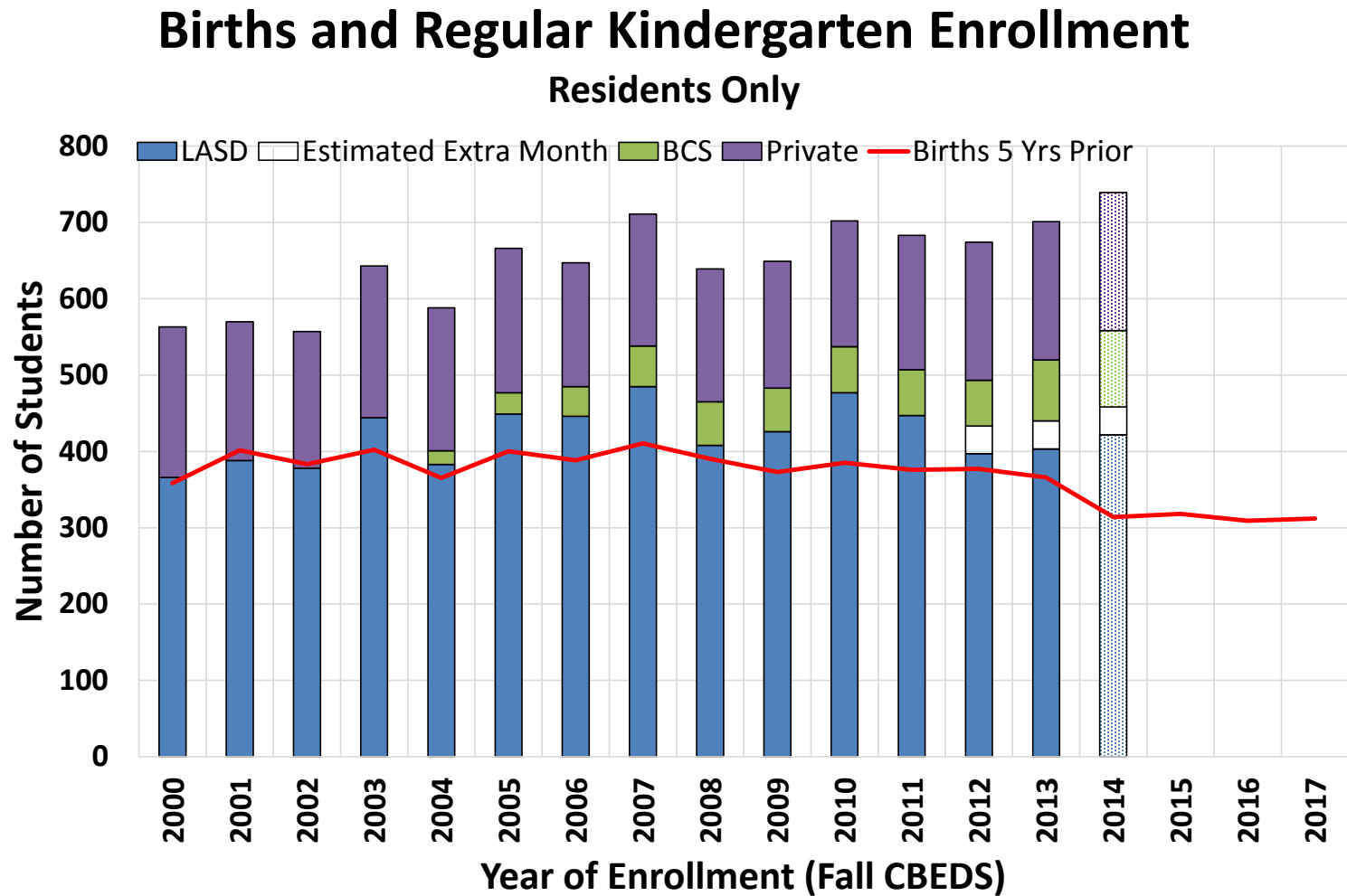
# Forecast Considerations

- **Regular Kindergarten**
- **Transitional Kindergarten**
- **Grade progressions, reflecting migration into and out of the District (in existing housing)**
- **New housing developments**
- **Student yields from new housing**
- **Kindergarten registration data**
- **Mobility during the year to date**
- **BCS enrollment plans**

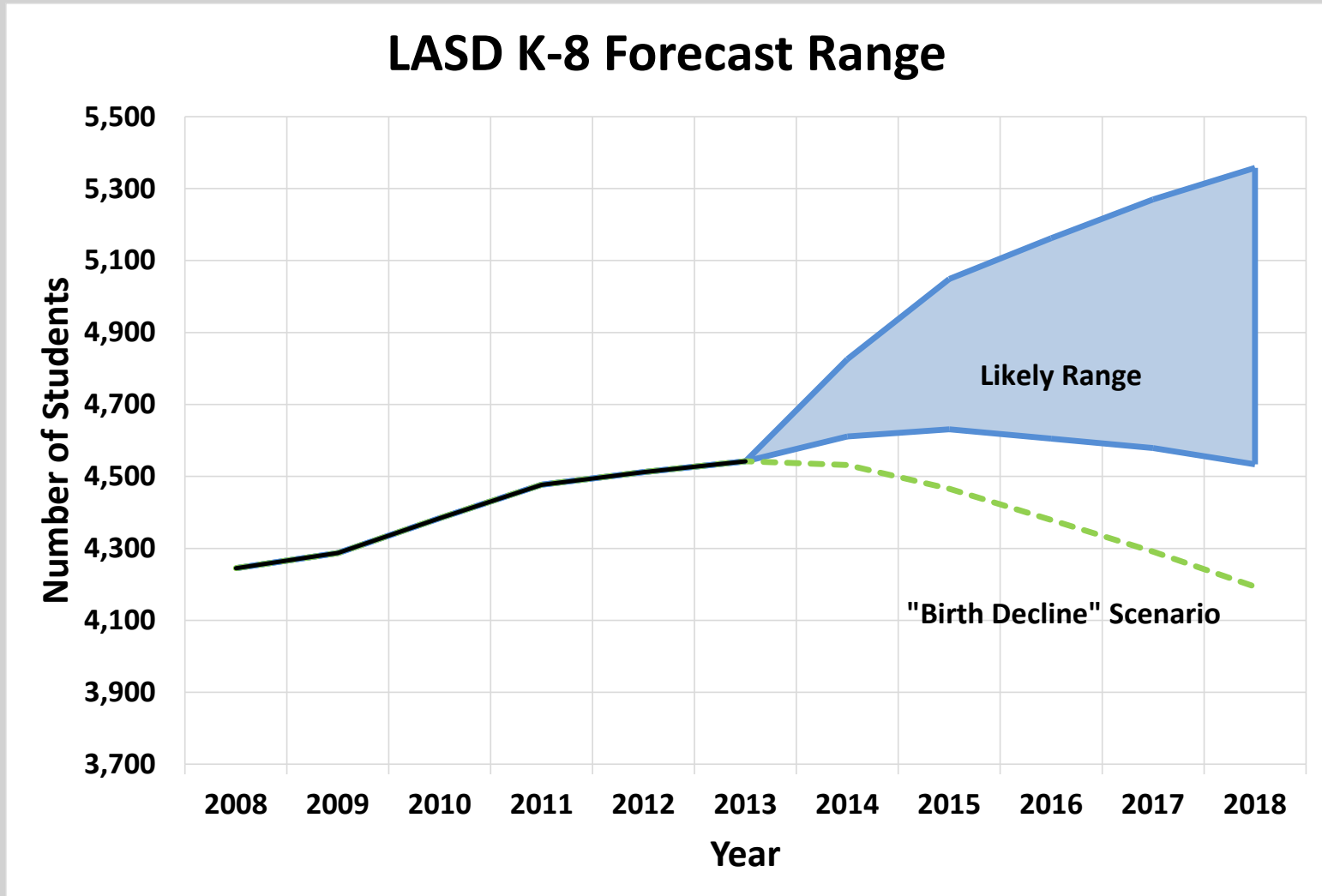
# Forecast Scenarios

- **Provide a range within which enrollments are likely to fall**
  - Using recent historical experience with respect to grade progressions and student yields in new housing
  - Assuming kindergarten remains at its current level or reaches historical maximum level
  - Increases kindergarten enrollment in Fall 2015 (and after) to account for the 12-month eligibility of students
  - Using student yields in new housing that have been experienced in the District, as well as higher yields
  - Assumes TK enrollments will rise slowly as more parents take advantage of the program
- **Provide one forecast scenario that uses traditional methods to forecast kindergarten enrollment**
  - Traditional forecasting models for school districts use birth trends to forecast kindergarten enrollments; this scenario also uses lower grade progressions that reflect longer historical averages

**The number of births has been a poor predictor of LASD kindergarten enrollment five years later**



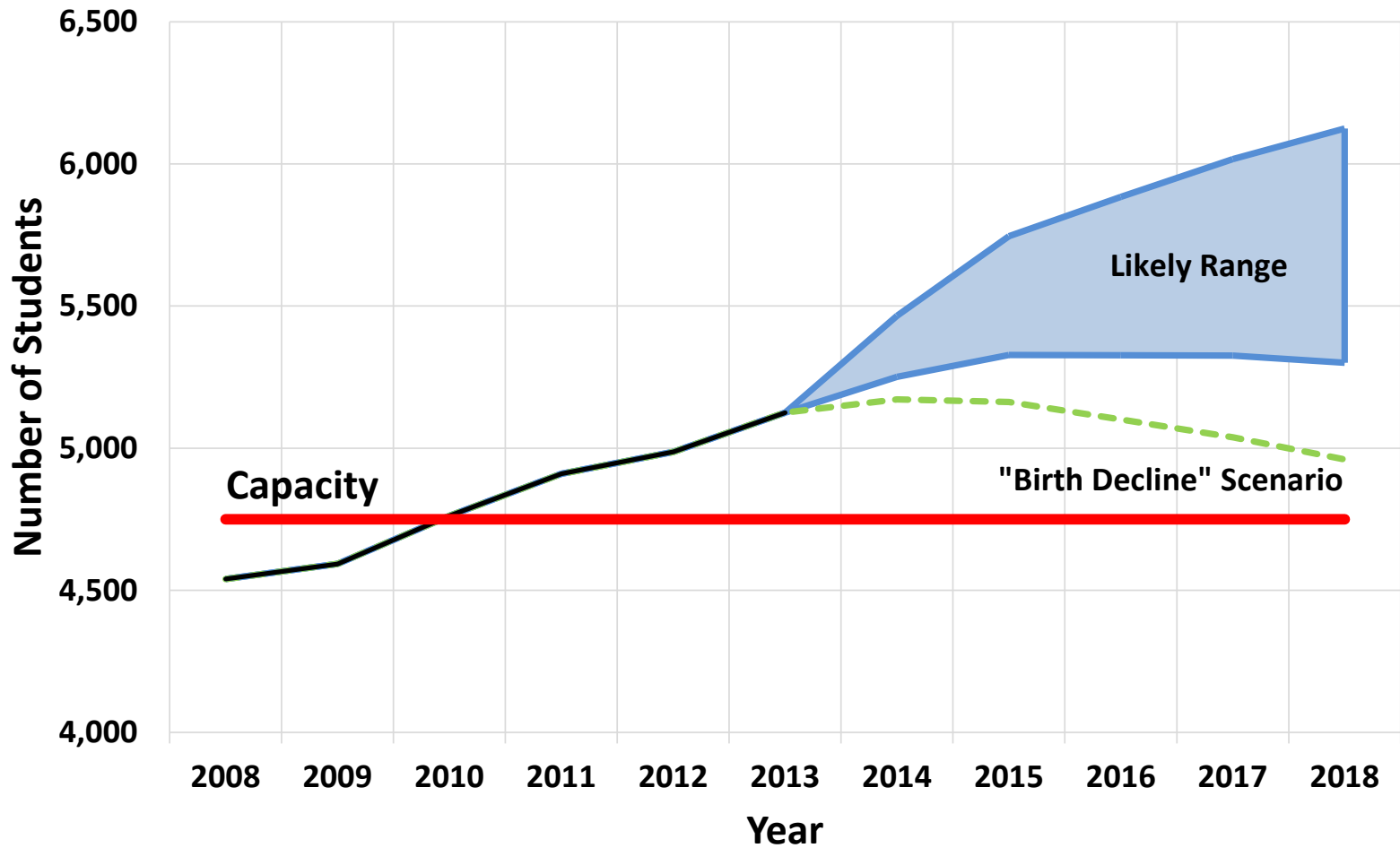
# By 2018, K-8 enrollments could increase to 5,300



*If SB 837 is enacted (all 4-year olds eligible for TK), add about 300 students by 2018*

# Capacity and Combined LASD and BCS Enrollments

## LASD and BCS K-8 Forecast Range



# Key Uncertainties

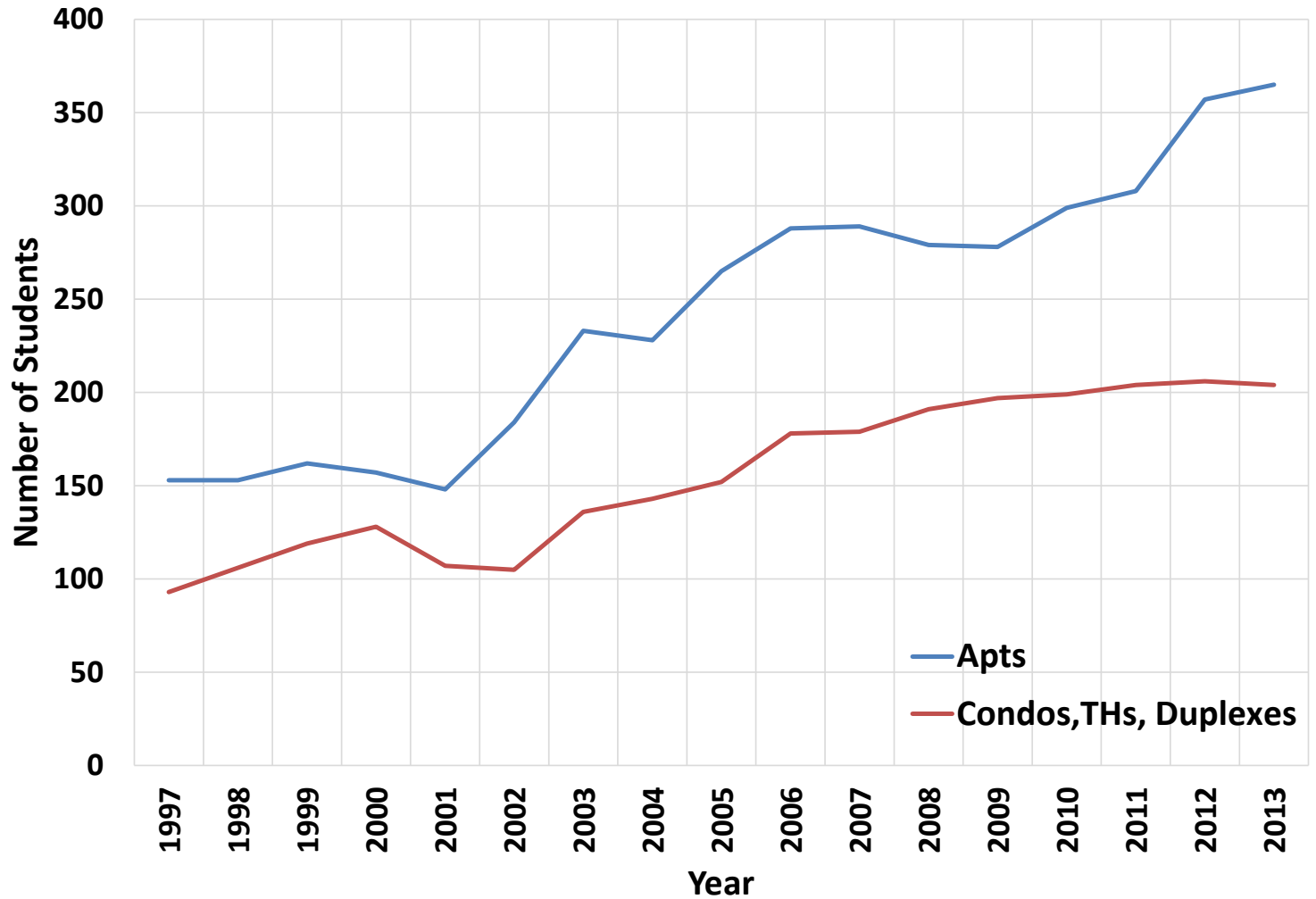
- **Will the local, county, and state birth declines result in lower kindergarten enrollments?**

**LASD kindergarten registration for Fall 2014 (the first year that birth declines would affect enrollments) suggests no enrollment decline.**

- **What will future BCS enrollments be?**
- **BCS middle school enrollments: will past losses of students between 6<sup>th</sup> and 7<sup>th</sup> grades continue?**
- **Enrollments in apartments are still increasing. Will this continue?**



# Enrollments in Older Multi-family Units



## Conclusions

- **Including BCS, enrollments already exceed the District's capacity.**
- **Demographic analyses provide a range of possible future enrollments, and indicate that growth is probable. In 2018, enrollments are likely to be between 4,500 and 5,300 students (excluding BCS).**
- **If SB 837 passes, anticipate about 300 more students at the elementary level by 2018.**
- **The District may wish to have contingency plans for the likely range of enrollment possibilities.**

# Appendix: Forecast Tables

## Enrollment Forecast Scenarios (Non-Charter) Assumes Current TK Law

	2013	2014	2015	2016	2017	2018
<b>LASD Elementary Enrollments</b>						
High End of Likely Range	3,463	3,654	3,823	3,906	3,985	4,104
Low End of Likely Range	3,463	3,486	3,493	3,450	3,409	3,407
Declining Birth Scenario	3,463	3,443	3,391	3,297	3,201	3,146

### LASD Middle School Enrollments

High End of Likely Range	1,079	1,172	1,226	1,256	1,285	1,254
Low End of Likely Range	1,079	1,125	1,138	1,155	1,170	1,127
Declining Birth Scenario	1,079	1,089	1,074	1,082	1,090	1,048

### LASD K-8 Enrollment Forecast

High End of Likely Range	4,542	4,826	5,049	5,162	5,270	5,358
Low End of Likely Range	4,542	4,611	4,631	4,605	4,579	4,534
Declining Birth Scenario	4,542	4,532	4,466	4,379	4,291	4,193

# Forecast scenarios that assume all four-year olds are eligible for Transitional Kindergarten

## Enrollment Forecast Scenarios (Non-Charter) Assumes New TK Law (All 4-Year Olds Served)

	2013	2014	2015	2016	2017	2018
<b>LASD Elementary Enrollments</b>						
High End of Likely Range	3,463	3,654	3,980	4,123	4,260	4,435
Low End of Likely Range	3,463	3,486	3,617	3,619	3,623	3,664
Declining Birth Scenario	3,463	3,443	3,502	3,449	3,392	3,376
<b>LASD Middle School Enrollments</b>						
High End of Likely Range	1,079	1,172	1,226	1,256	1,285	1,254
Low End of Likely Range	1,079	1,125	1,138	1,155	1,170	1,127
Declining Birth Scenario	1,079	1,089	1,074	1,082	1,090	1,048
<b>LASD K-8 Enrollment Forecast</b>						
High End of Likely Range	4,542	4,826	5,206	5,379	5,545	5,689
Low End of Likely Range	4,542	4,611	4,754	4,774	4,793	4,791
Declining Birth Scenario	4,542	4,532	4,577	4,531	4,483	4,424

# **Supplemental materials are available in a separate document**

## **Topics Covered**

- **Student Mobility between Fall 2012 and Fall 2013**
- **Student Mobility between Oct. 2013 and March 2014**
- **New Housing**
- **Kindergarten Analysis**
- **Grade Progressions**
- **Older Housing**
- **BCS**
- **Evaluation of Forecasts (Detail)**
- **Private Schools**
- **Inter-district Transfers**
- **Test Scores**
- **Overall Enrollment Trends**
- **Primary Forecast Assumptions**
- **Capacity Calculations**