

# Southern California School Enrollment Trends and Forecasts

Afternoon Roundtable Presentation  
USC/SCAG 21st Annual Demographic Workshop  
“Getting Ready for 2010”

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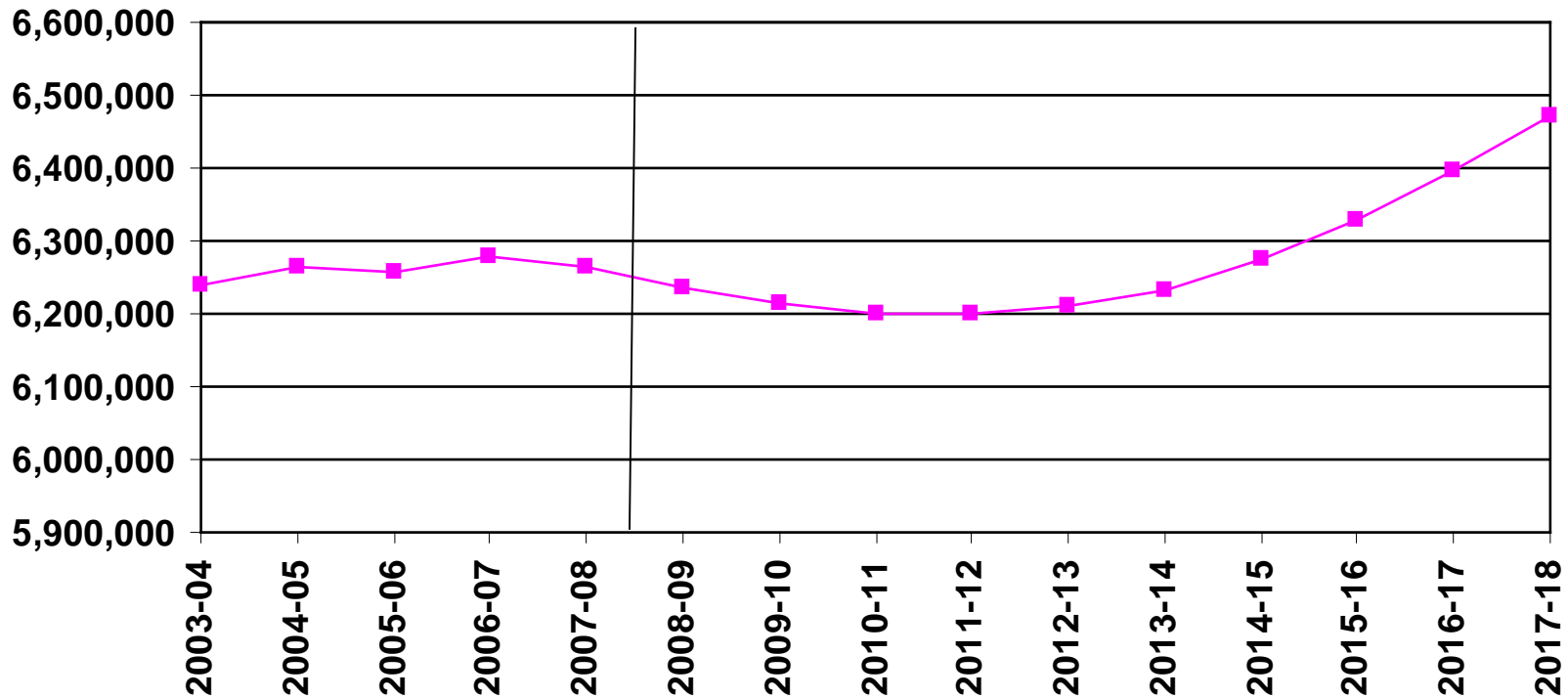
LAUSD Master Planning and Demographics Unit

*Rena Perez, Director*

June 1, 2009

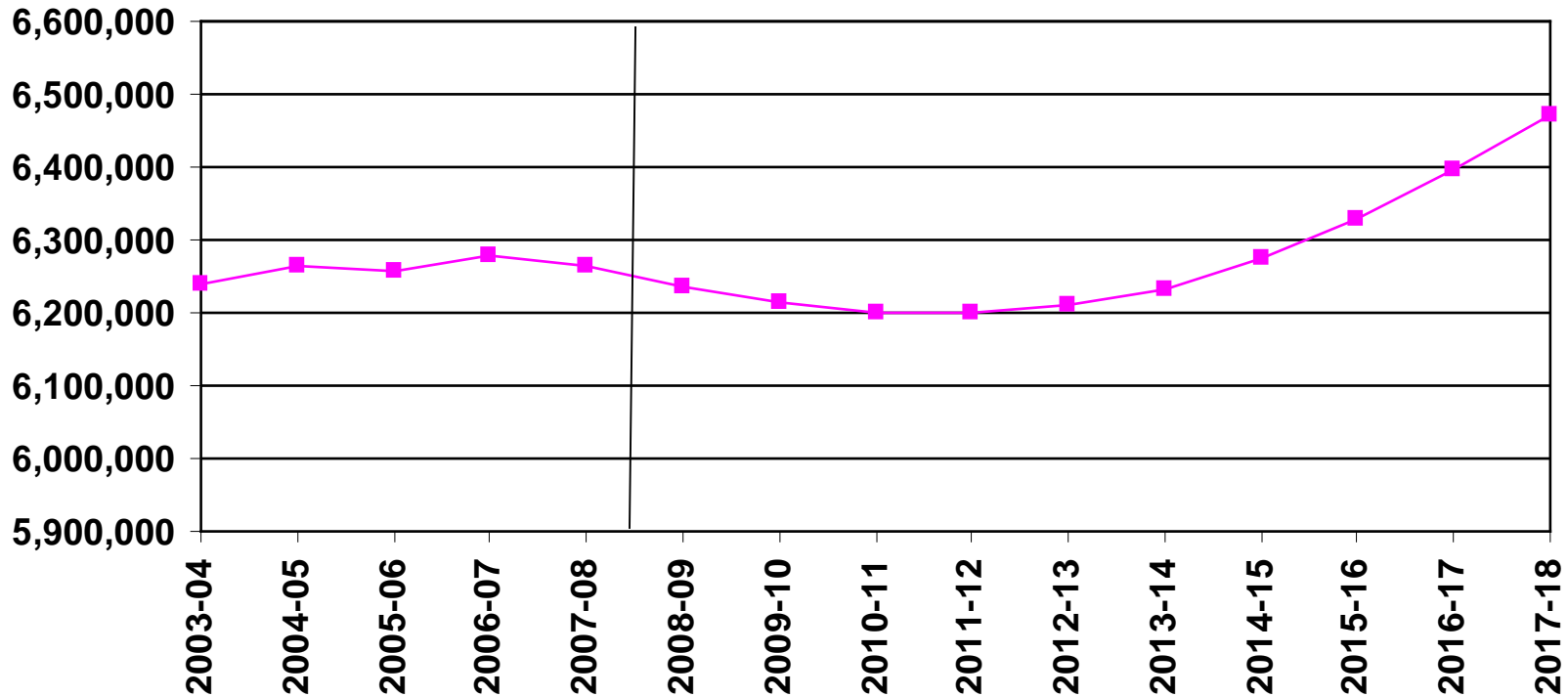


California Public K-12 Graded Enrollment



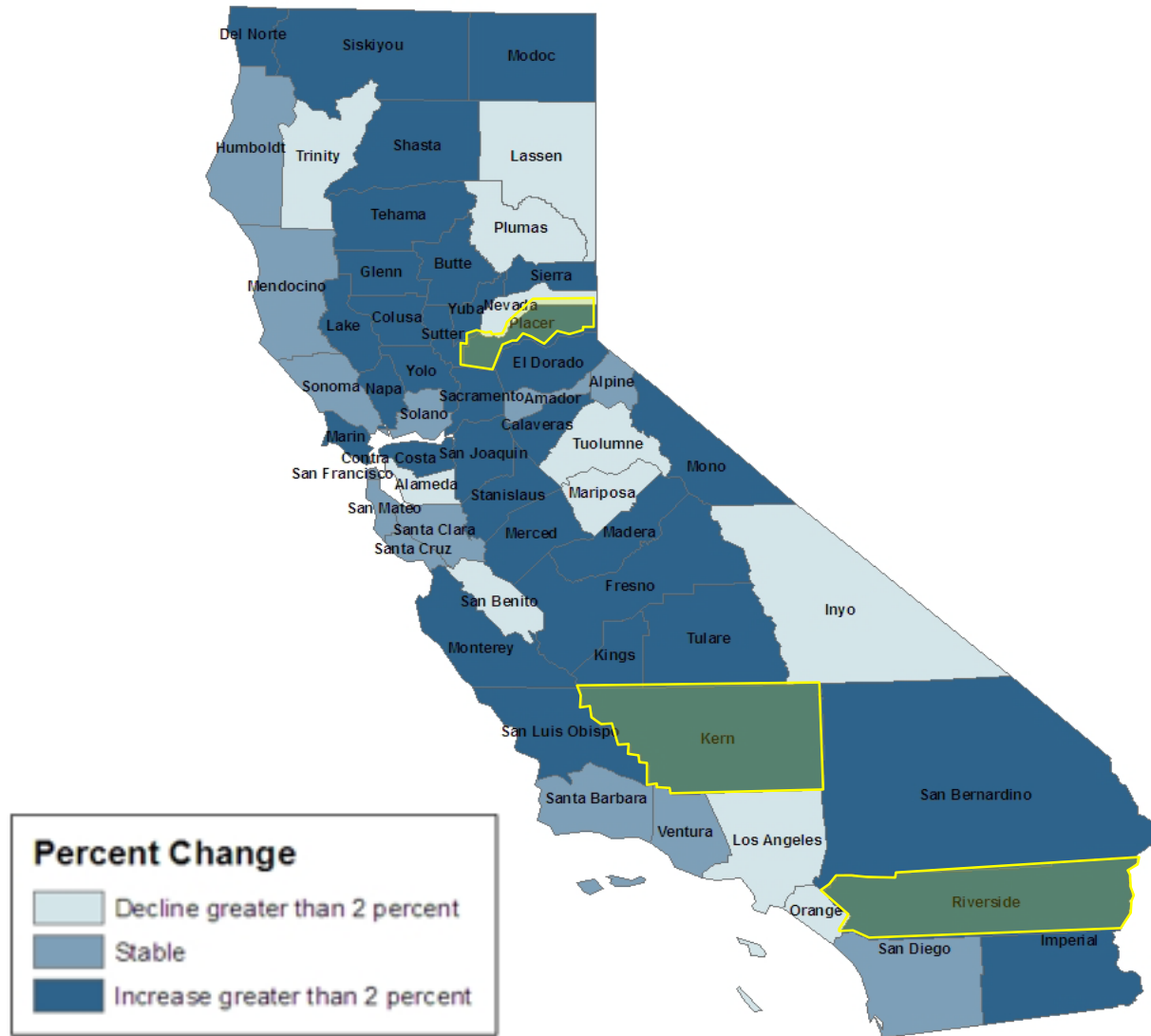
As this DOF forecast shows, K-12 enrollment in California is expected to continue to decline until 2010-11, followed by enrollment growth. The 2005-06 enrollment year showed the first decline since 1980-81 with a loss of nearly 7,500 students statewide. A reporting change resulted in an increase in graded enrollment in 2006-07 when students, previously reported as ungraded, were allocated to grades.

## California Public K-12 Graded Enrollment



After 2010-11, moderate annual growth will result in an overall increase of more than 200,000 students between 2007-08 and 2017-18. Elementary enrollment will continue to decline until 2009-10. Beginning in 2010-11, K-8 enrollment is predicted to grow by over 325,000 between 2007-08 and 2017-18 to 4,581,424. Secondary enrollment is projected to decrease annually after 2007-08 through 2016-17 by almost 119,000 over that period.

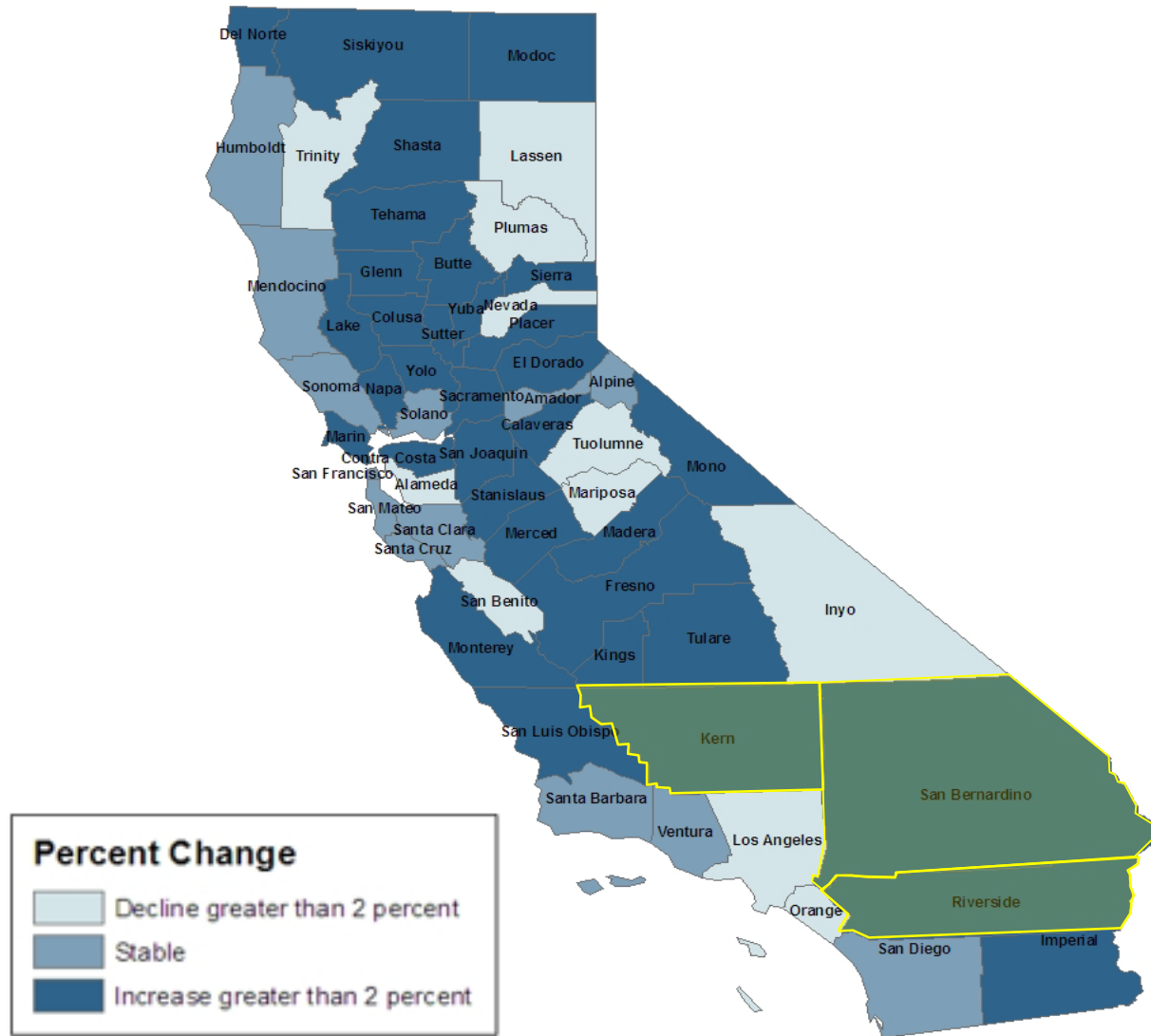
## California Public K-12 Graded Enrollment Change, 2007-17



State of California,  
Department of  
Finance, California  
Public K-12 Graded  
Enrollment and  
High School  
Graduate  
Projections by  
County, 2008 Series.  
Sacramento,  
California, October  
2008.

The counties projected to have the strongest numeric growth in enrollment in the next year are Riverside (8,785), Kern (2,396), and Placer (1,813).

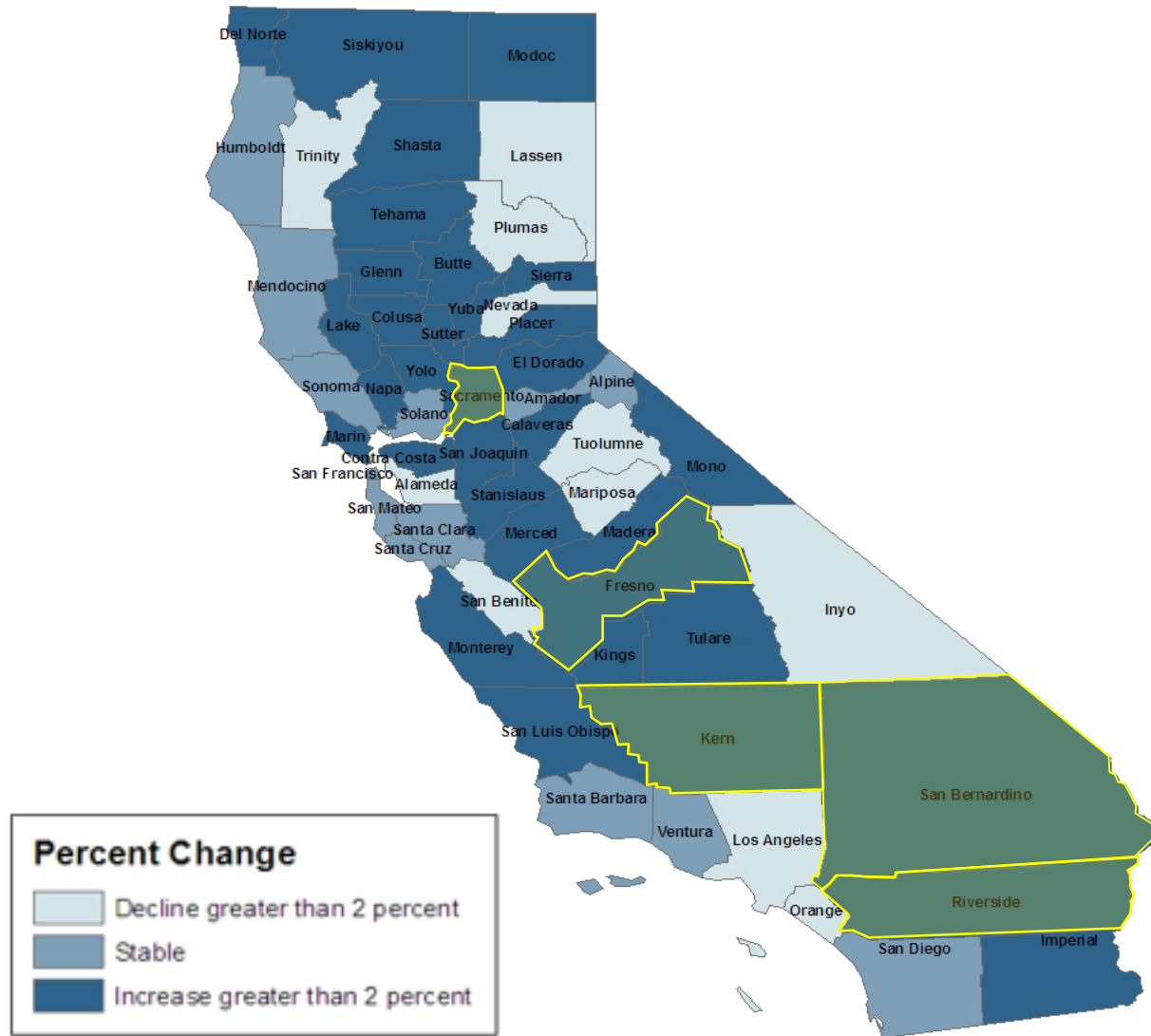
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Over the decade, projected enrollment shows Riverside leading the state with an increase of over 180,000 additional students, followed by Kern and San Bernardino that will add over 47,000 students each.

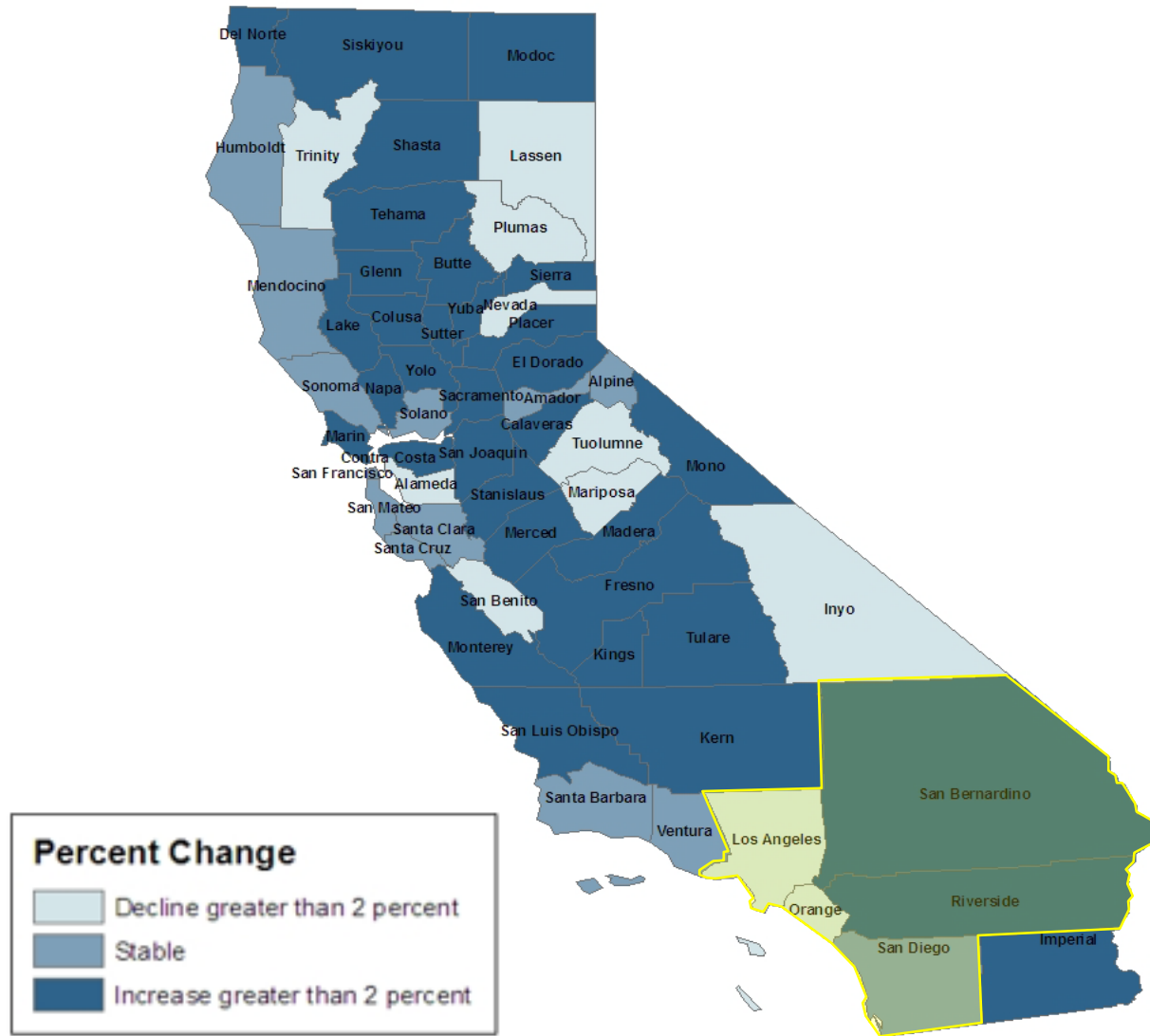
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Other counties expected to experience large enrollment growth from 2007-08 levels are Sacramento and Fresno. Enrollment growth in these five counties can be attributed to increasing births or strong levels of in-migration.

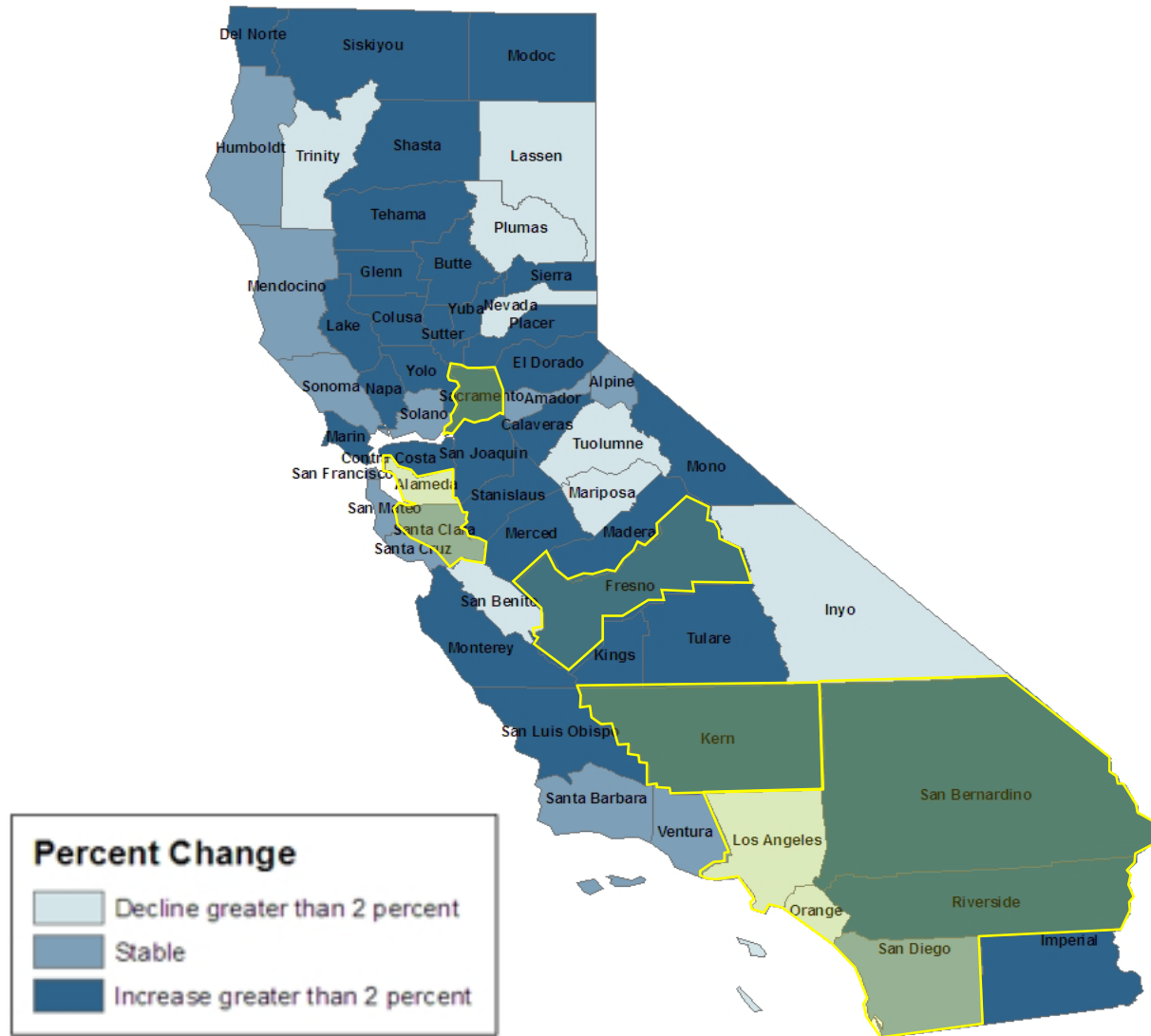
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Five southern California counties — Los Angeles, Orange, San Diego, San Bernardino, and Riverside — contain 56 percent of the state's 2007-08 enrollment.

## California Public K-12 Graded Enrollment Change, 2007-17

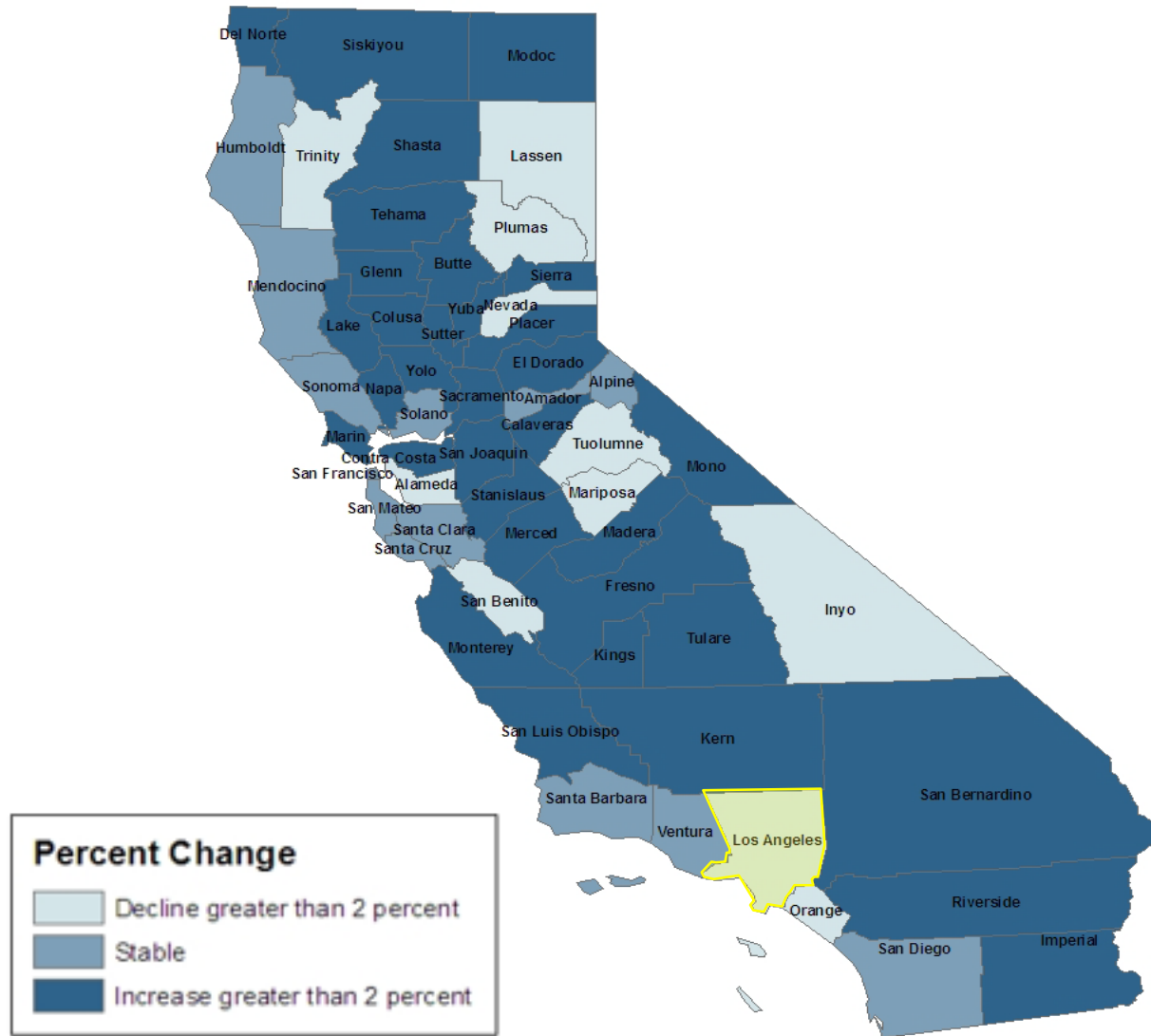


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Santa Clara, Sacramento, Alameda, Fresno, and Kern counties round out the top ten. Taken together, these ten counties account for 73 percent of the state's enrollment.



## California Public K-12 Graded Enrollment Change, 2007-17

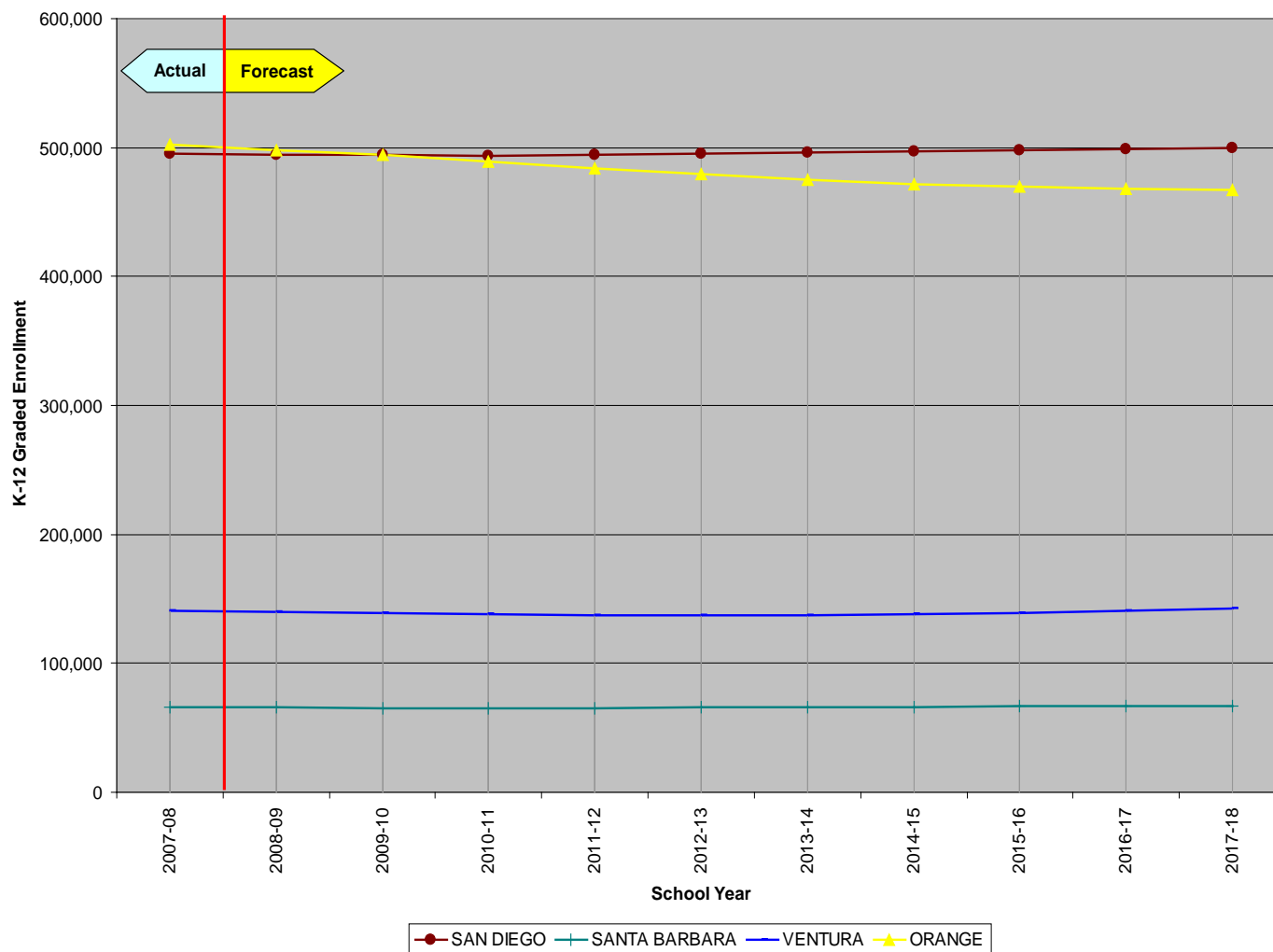


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Los Angeles contains the largest number of students statewide, but overall enrollment in that county is projected to decline over the next year by 2.1% and by about 13% over the next ten years. Continuing declines in birth cohorts and the prolonged family out-migration to neighboring counties will reduce the K-12 enrollment in Los Angeles by 221,100 over this ten year period.

# Projected Southern CA Public K-12 Graded Enrollment COASTAL COUNTIES (without LA)

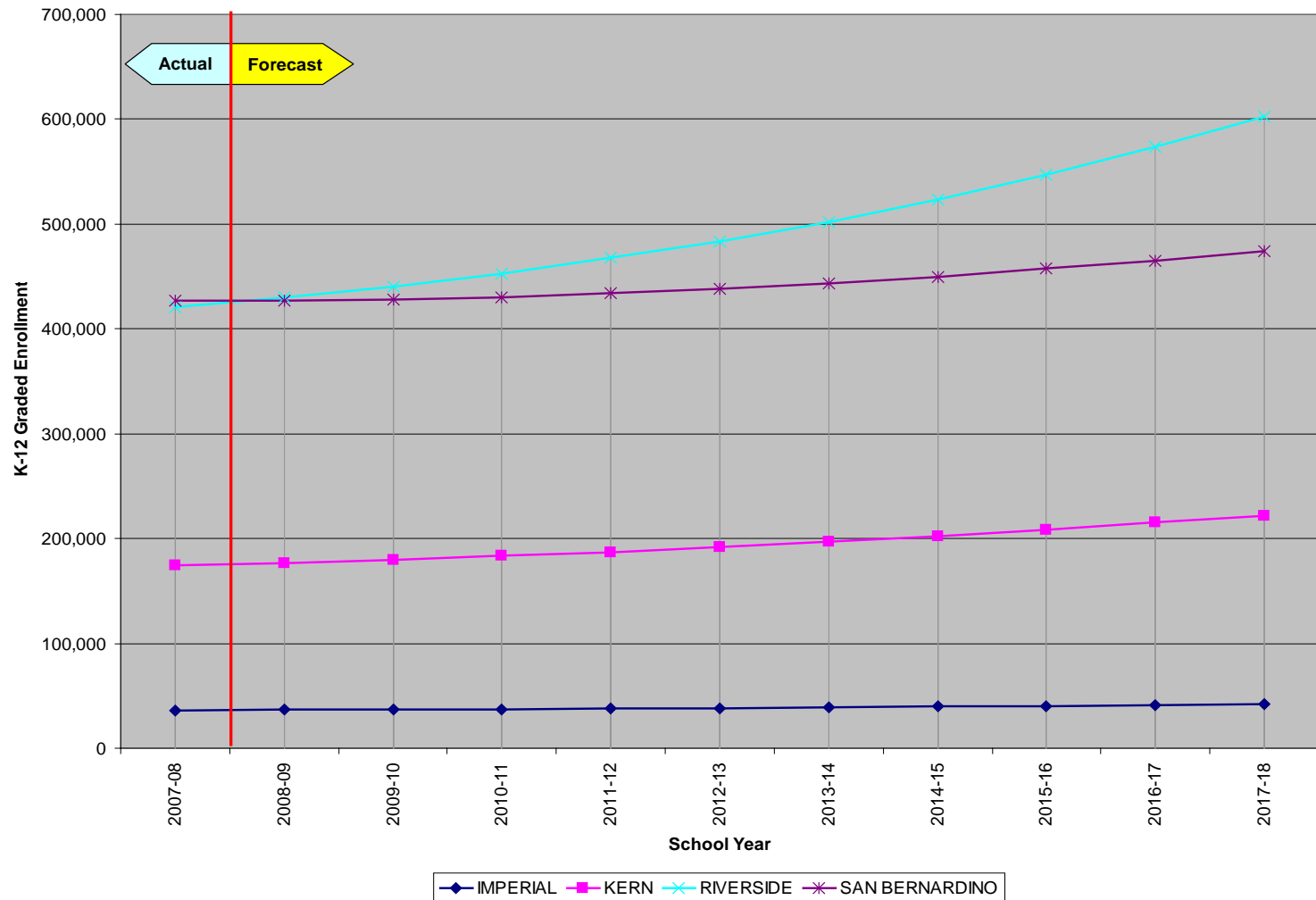
(CA DOF Demographic Research Unit)



From 2007-08 to 2008-09, enrollment is projected to decline in 35 of the state's 58 counties, whereas by 2017-18 only 17 counties are projected to have enrollment levels lower than 2007-08. Here is a look at projections for coastal counties (without Los Angeles).

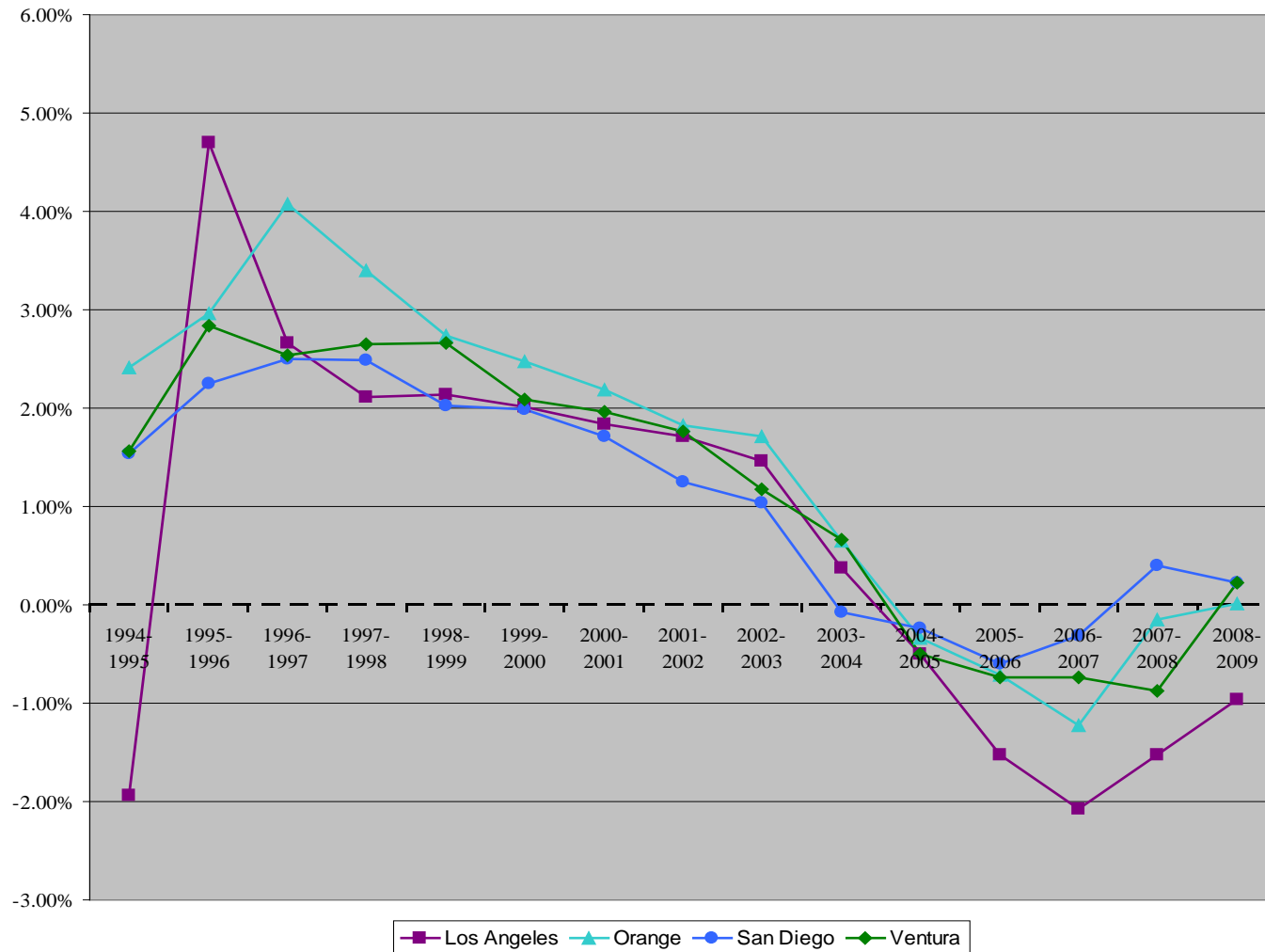
# Projected Southern CA Public K-12 Graded Enrollment INLAND COUNTIES

(California DOF Demographic Research Unit)



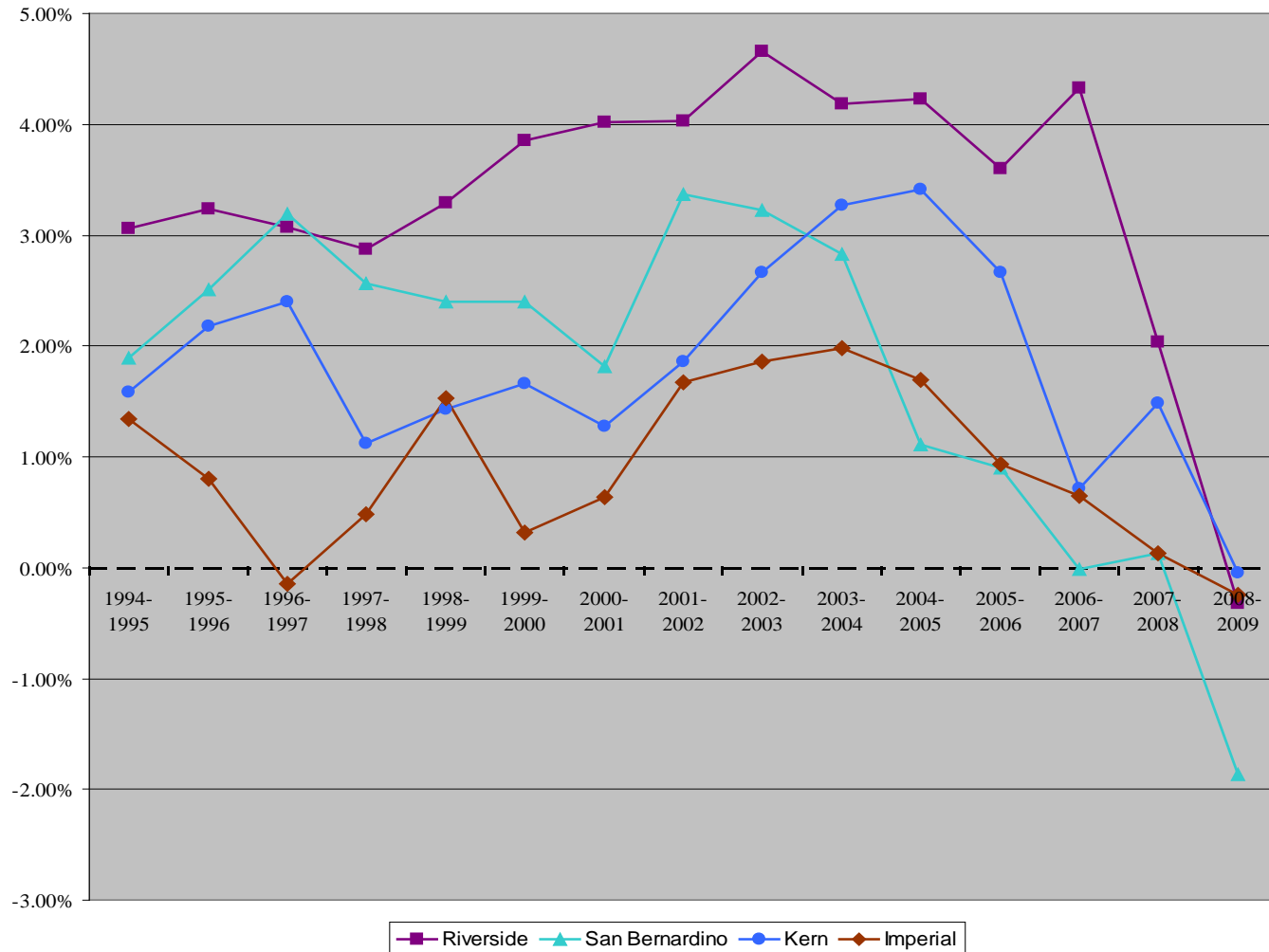
Inland counties are projected to grow, particularly Riverside county.

## Coastal COUNTIES - % Annual Change in Public K-12 Enrollments



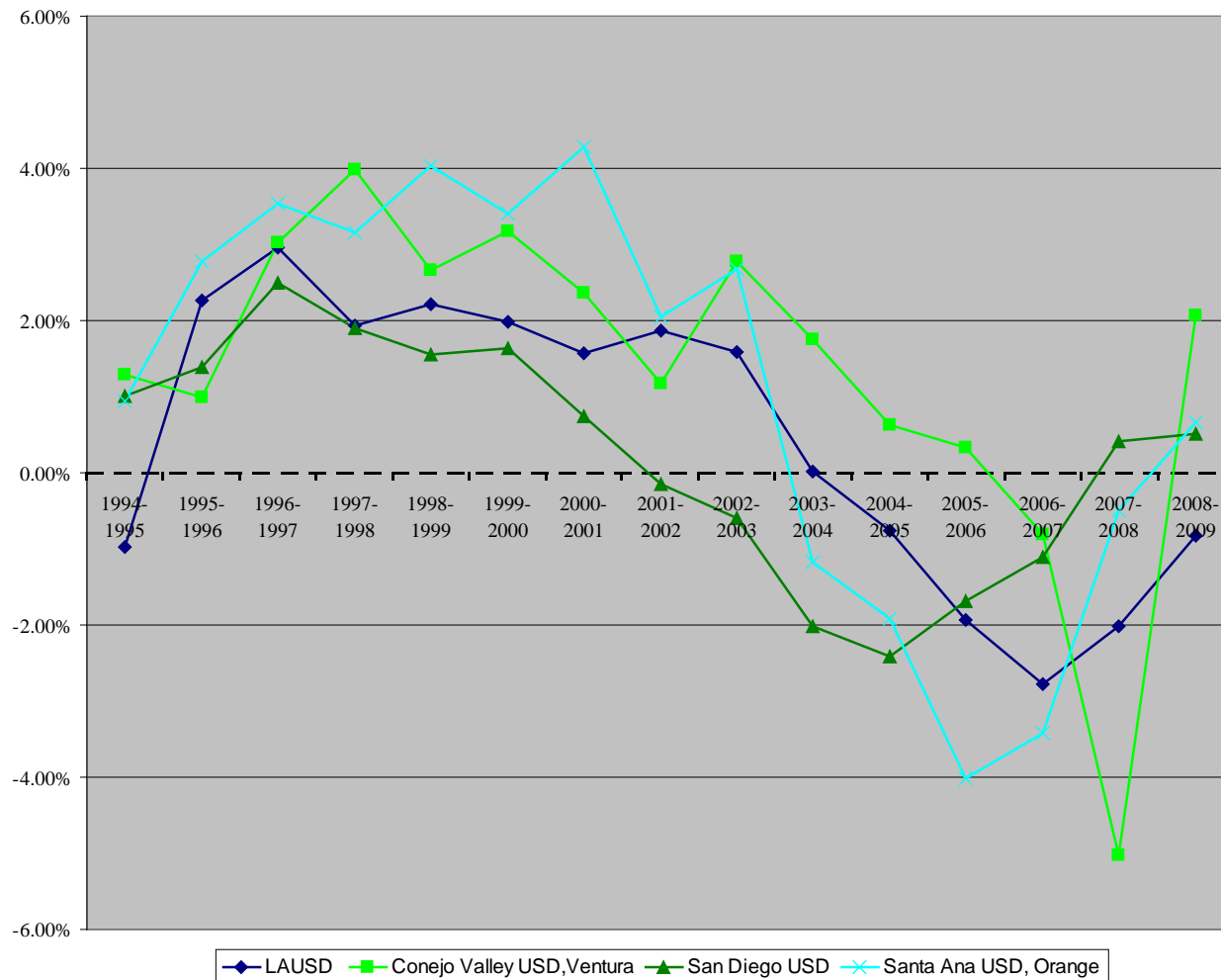
Here is a detail of historical percent annual change for coastal COUNTIES.

## Inland COUNTIES - % Annual Change in Public K-12 Enrollments



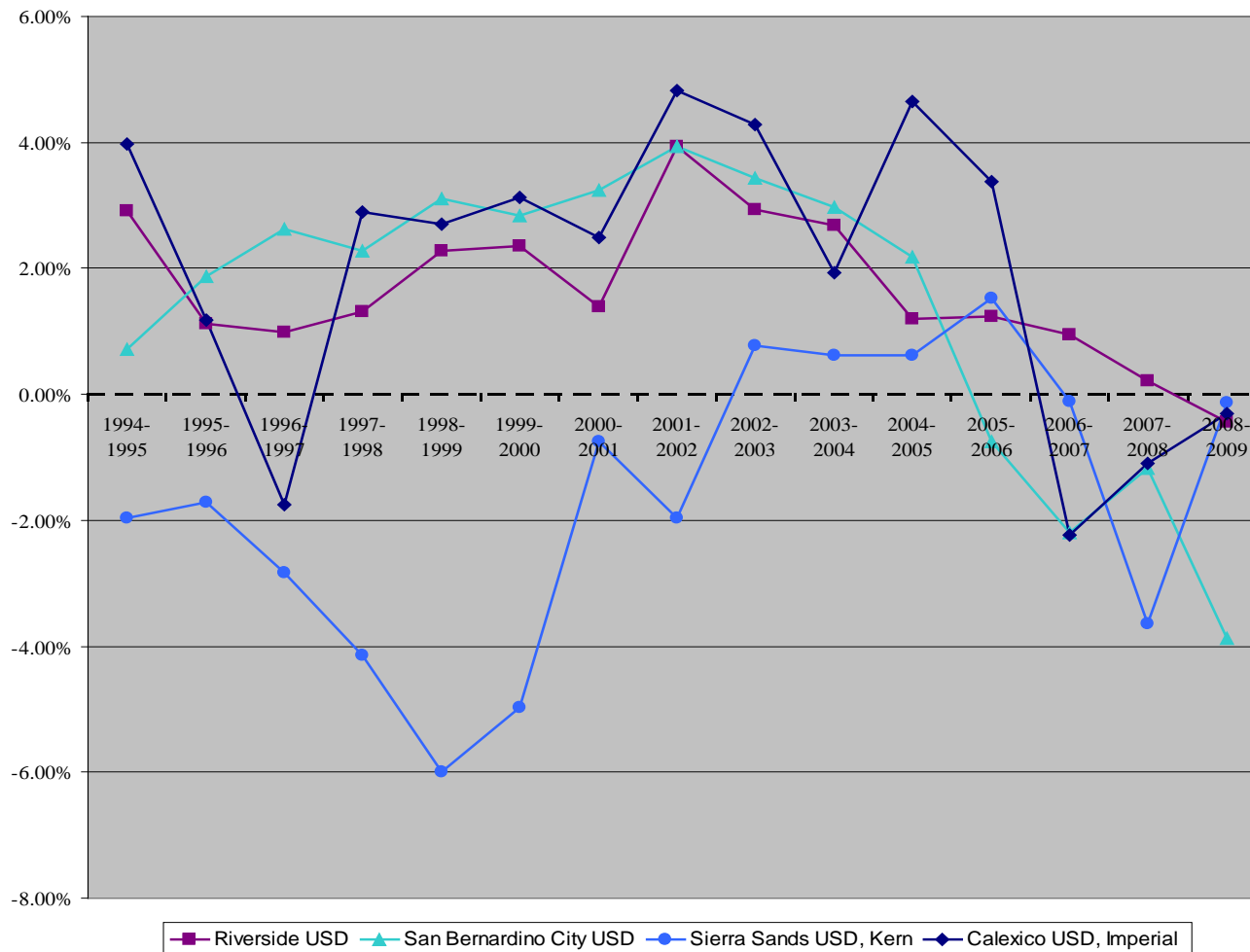
Detail of historical percent annual change for inland COUNTIES.

## Coastal SCHOOL DISTRICTS - % Annual Change in Public K-12 Enrollments



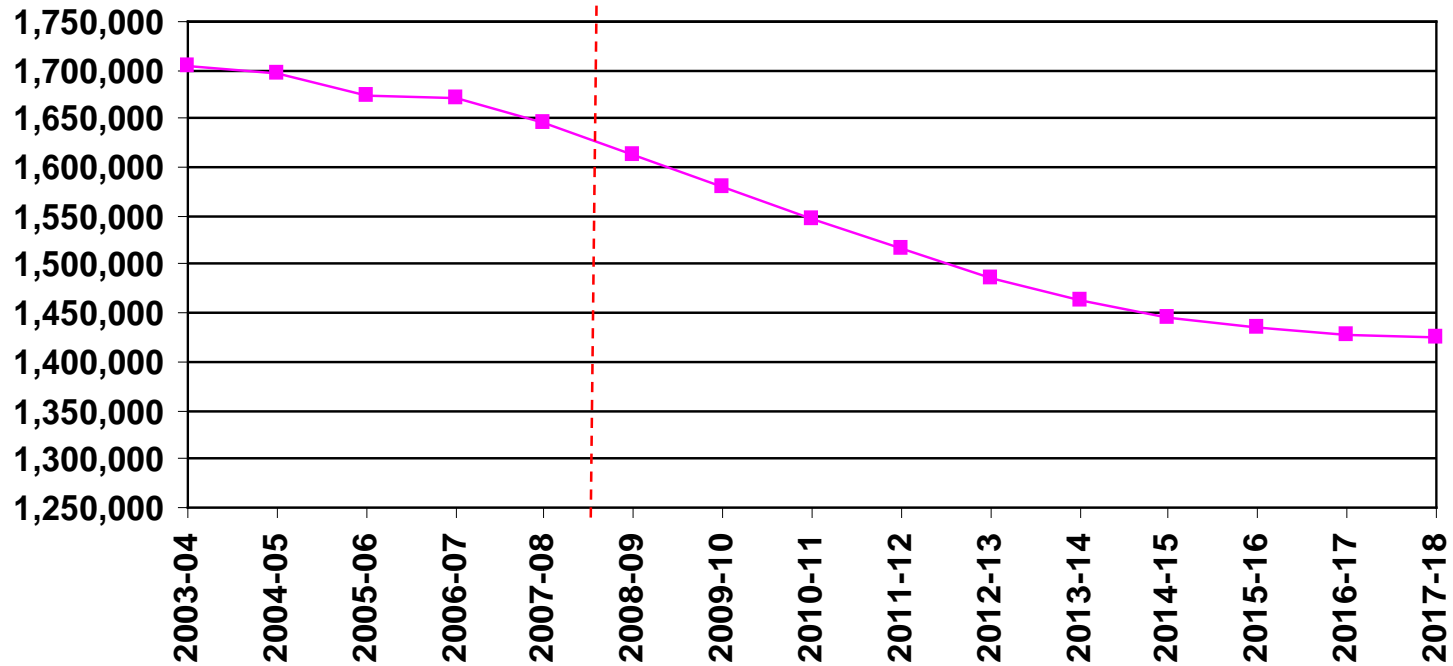
Detail of historical percent annual change for coastal SCHOOL DISTRICTS.

## Inland SCHOOL DISTRICTS - % Annual Change in Public K-12 Enrollments



Detail of historical percent annual change for inland SCHOOL DISTRICTS.

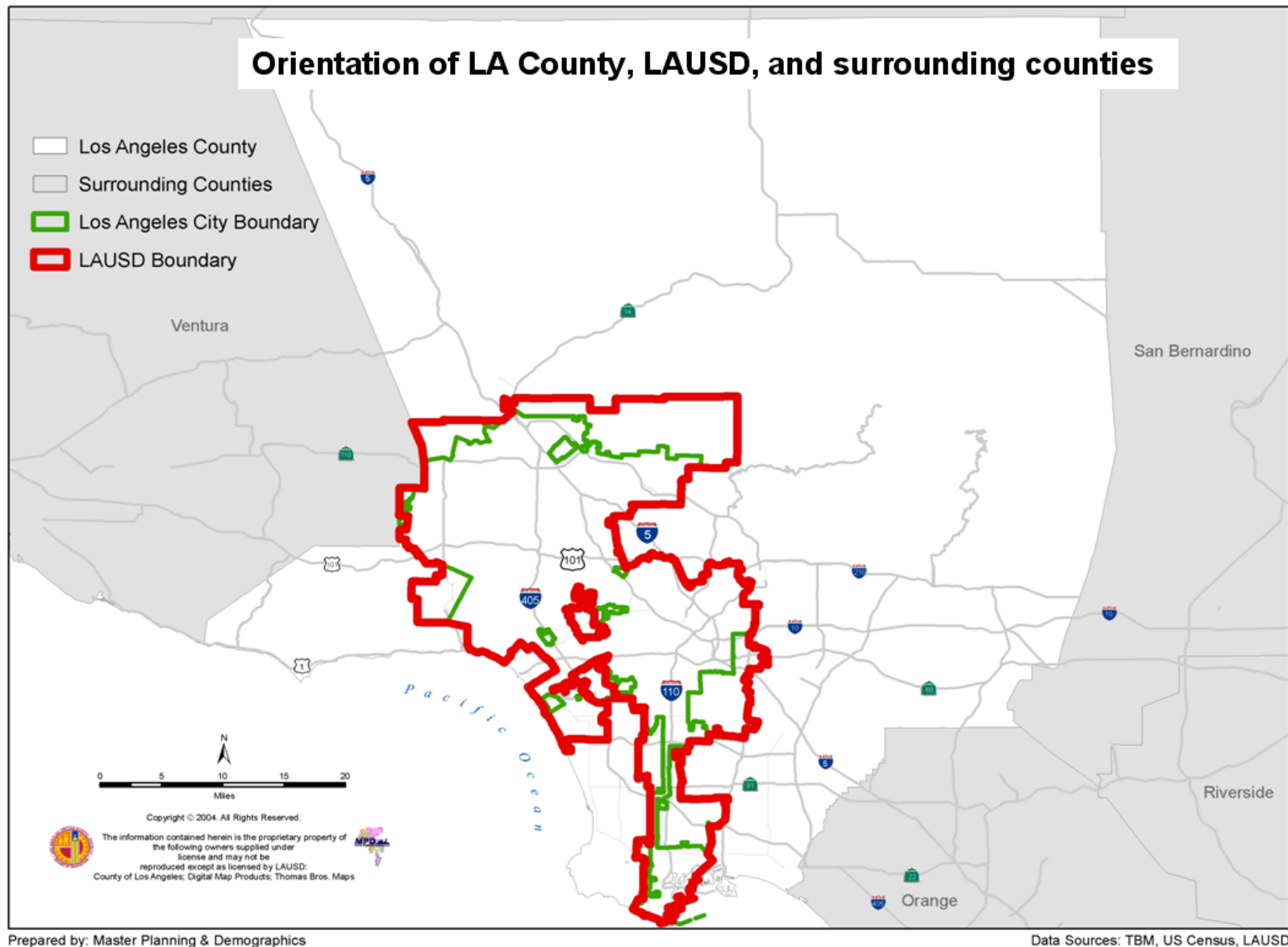
### Los Angeles County Public K-12 Graded Enrollment



The DOF's forecast for LA County public K-12 graded enrollment indicates a steep decline.



## Orientation of LA County, LAUSD, and surrounding counties



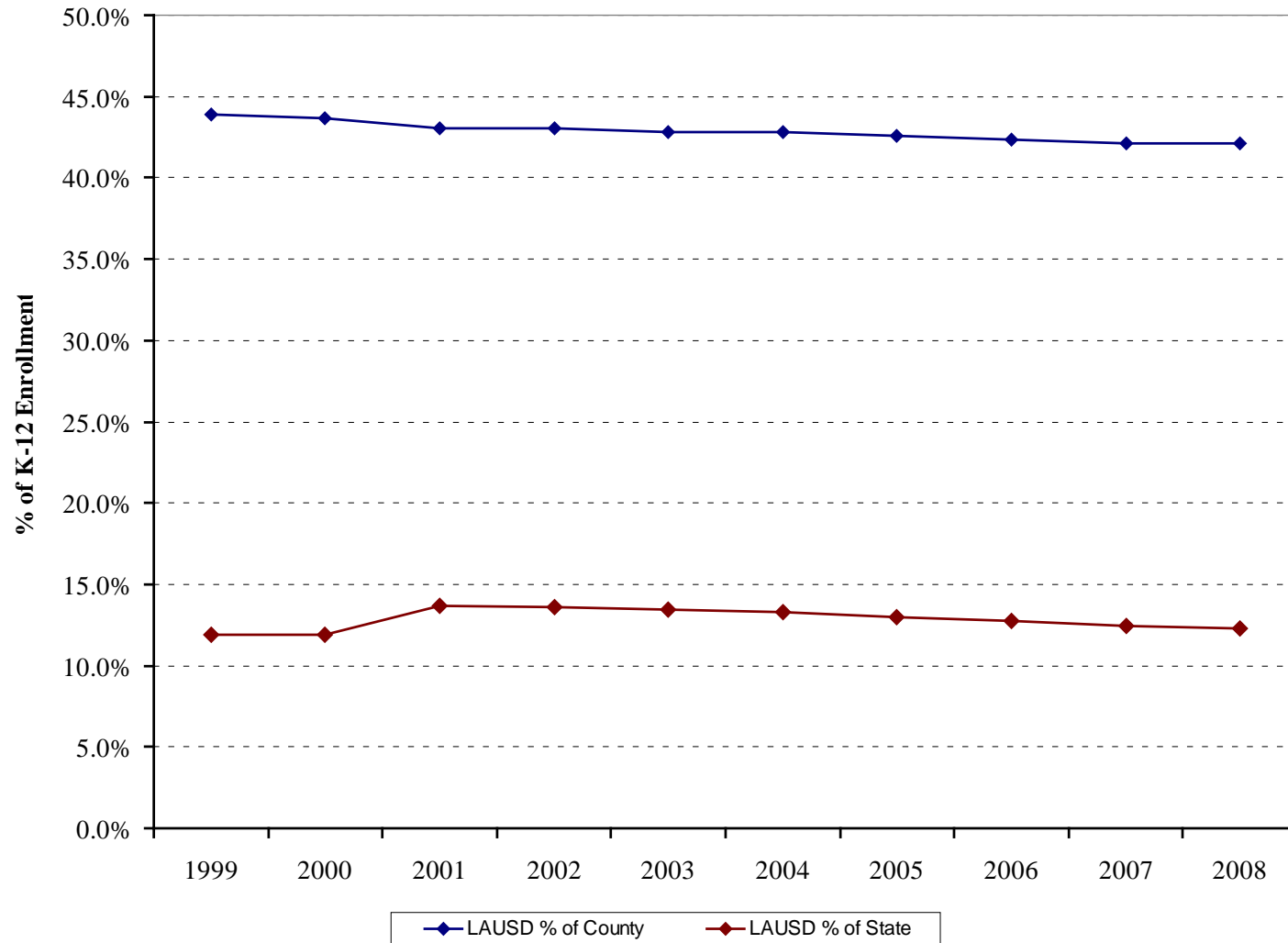
Prepared by: Master Planning & Demographics

Data Sources: TBM, US Census, LAUSD

This map provides a geographic orientation of the Los Angeles Unified Schools District (LAUSD) within Los Angeles County and surrounding counties.

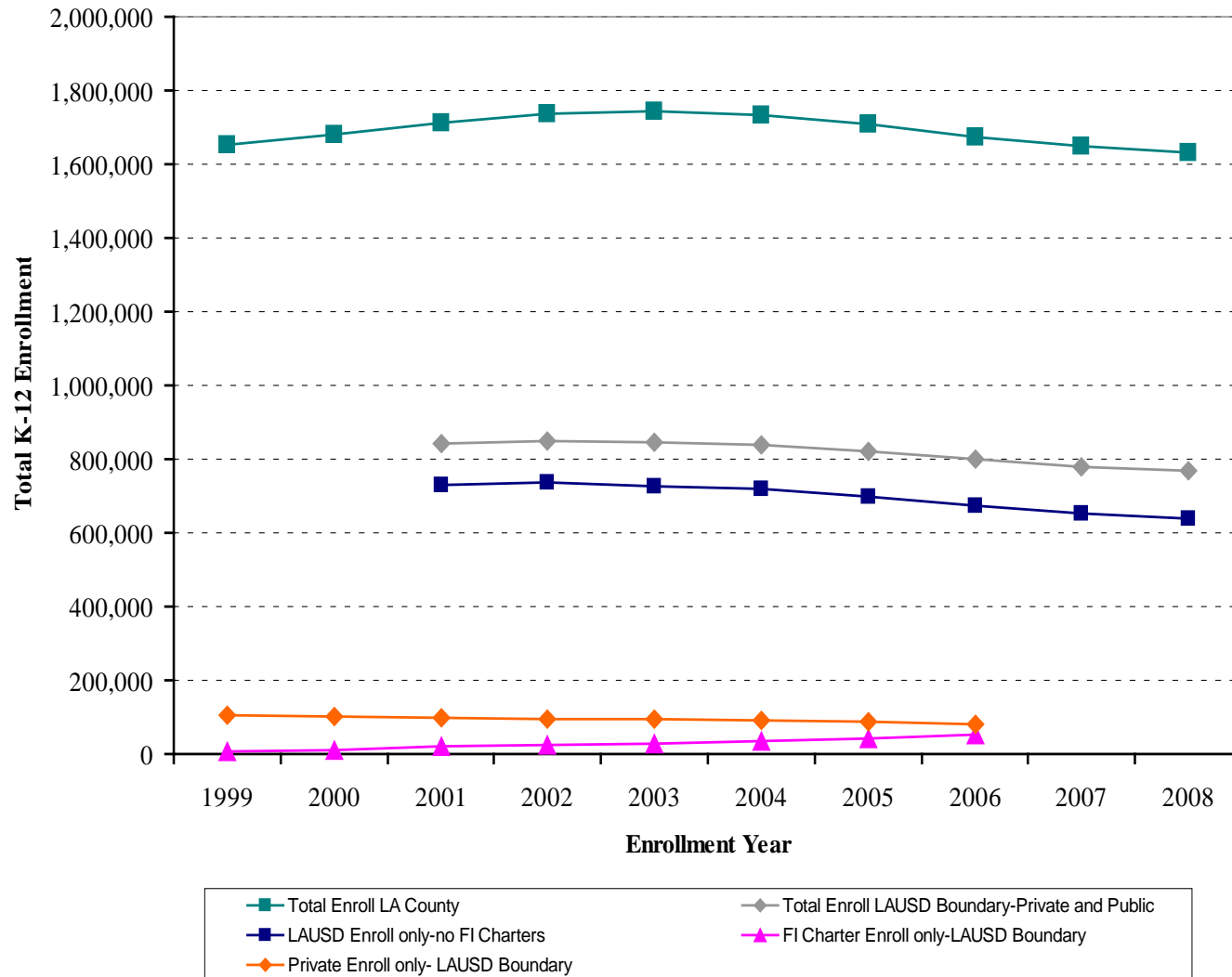
## LAUSD K-12 Enrollments as a Share of All K-12 Public School Enrollments

Includes independent charter enrollments



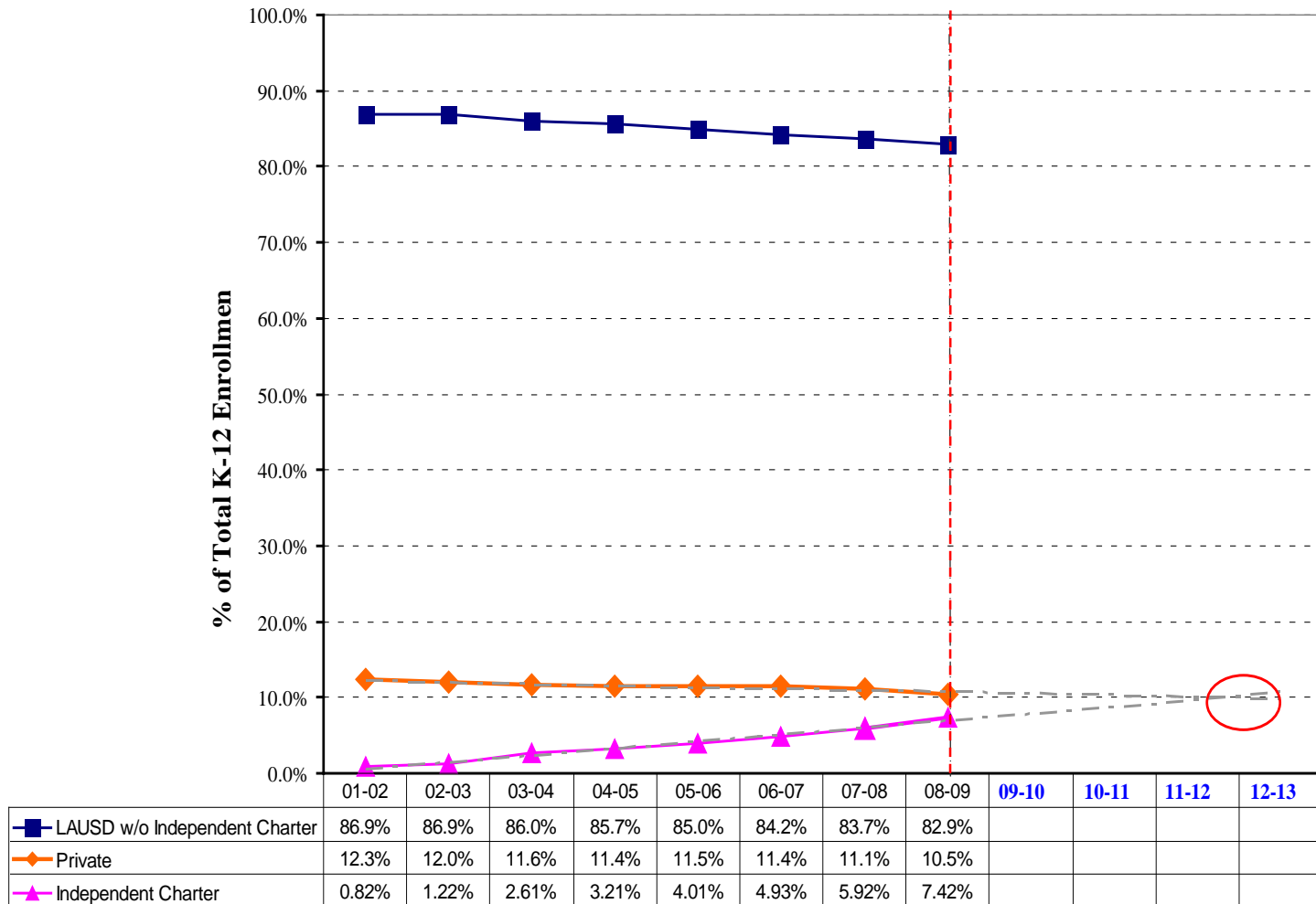
LAUSD historical K-12 enrollments, including independent charters, as a proportion of LA County and California K-12 public school enrollments.

## K-12 Enrollments by Type: LAUSD Boundary and LA County



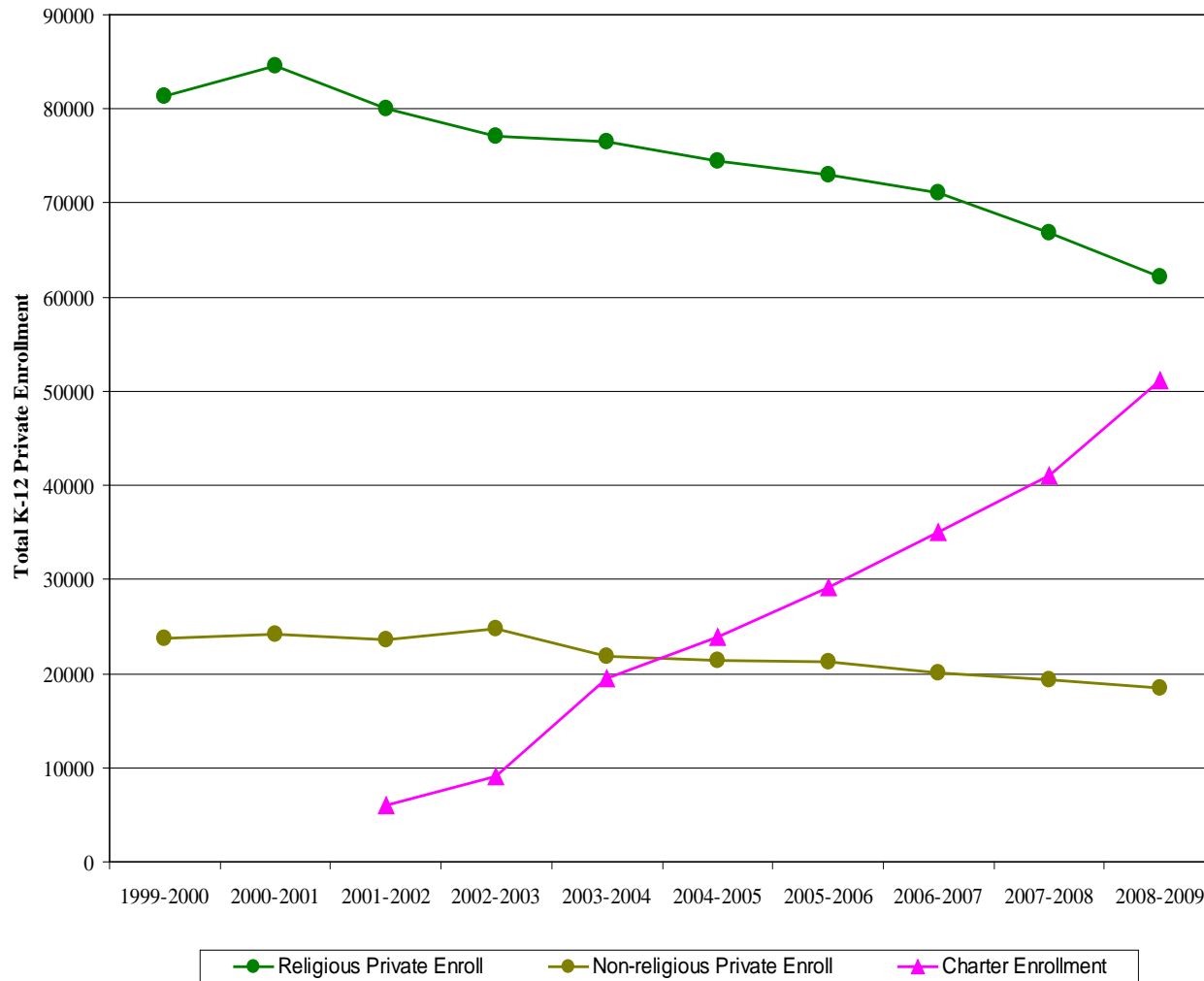
A comparison of total, public and private historical K-12 enrollments by LAUSD and LA County boundaries.

## Enrollment Within LAUSD Boundary as % of Total K-12 Enrollment



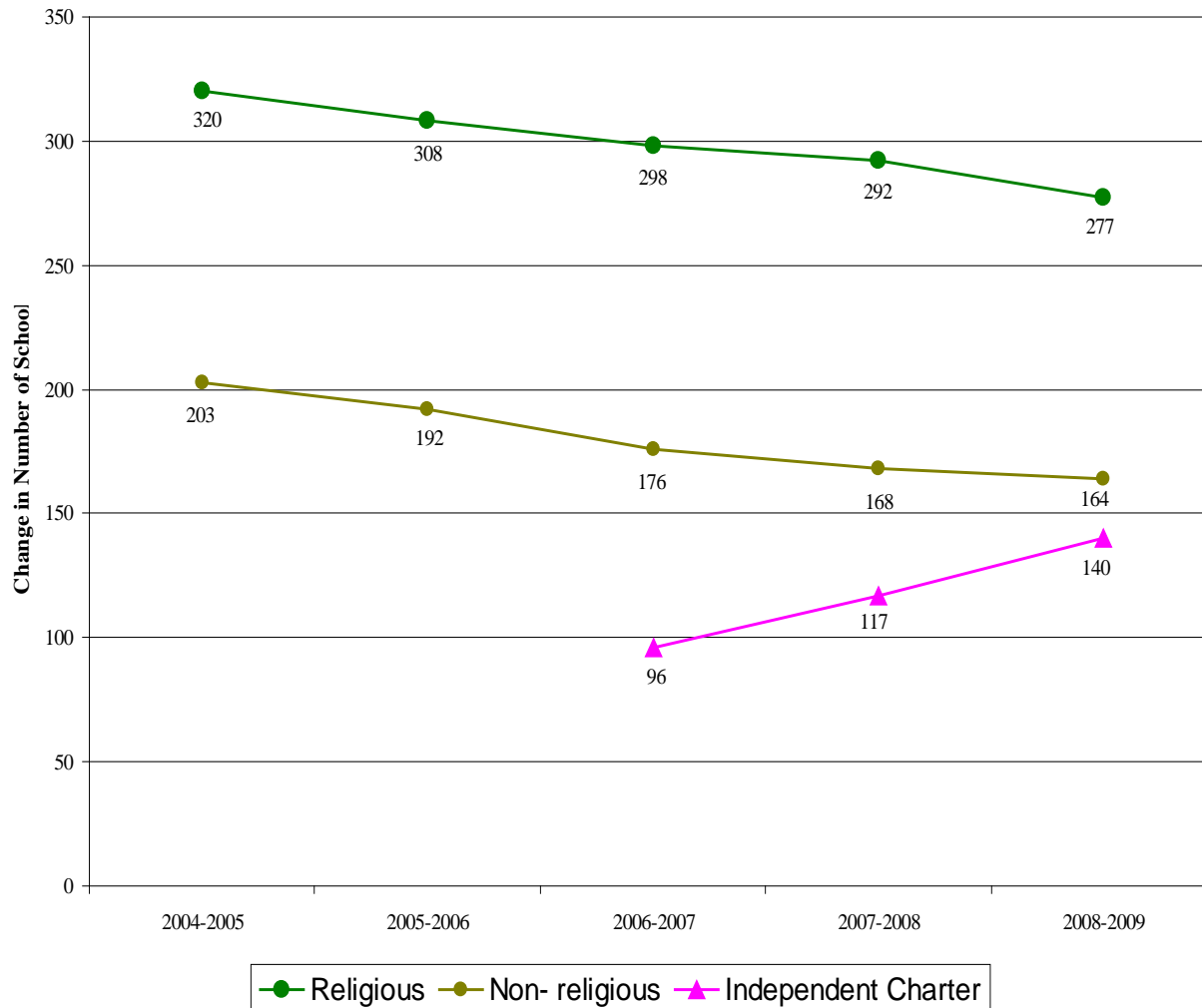
A comparison of enrollment types of historical K-12 enrollments within the LAUSD boundary, along with a possible projected trend. This illustrates the sharp growth in independent charter enrollments along with the corresponding decline in private and public non-charter enrollments.

## Non-LAUSD School Enrollments 1999-2008 Within LAUSD Boundary



A more detailed picture of non-LAUSD historical K-12 enrollments within the LAUSD boundary. Again, a clear picture of sharp growth in independent charter enrollments along with the corresponding decline in religious and non-religious private enrollments.

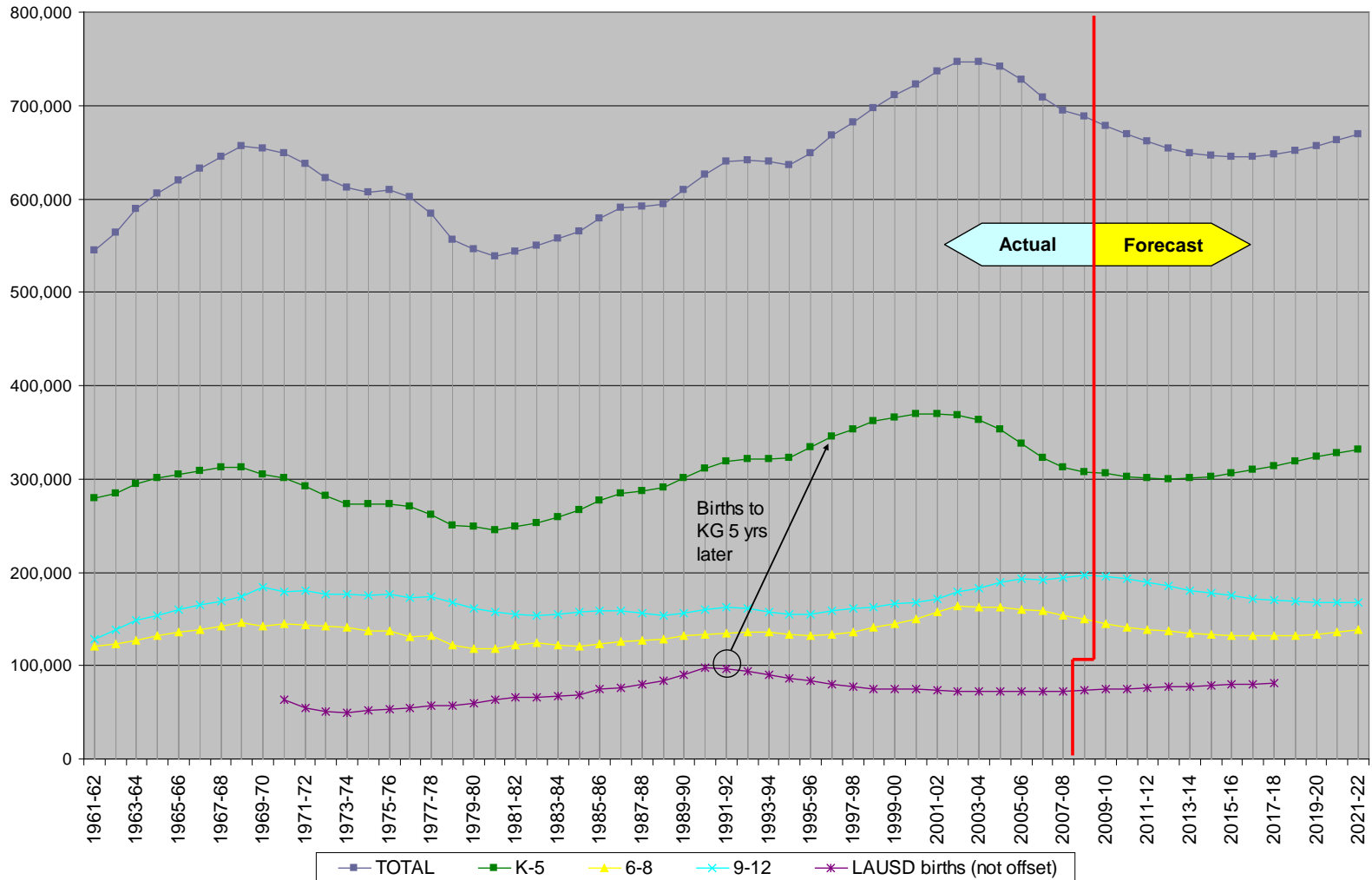
## Change in the Number of Private & Charter Schools by Type Within LAUSD Boundary



Change in the number of non-LAUSD schools within the LAUSD boundary. Another look at the sharp growth in the number of independent charters along with the corresponding decline in the number of religious and non-religious private schools.

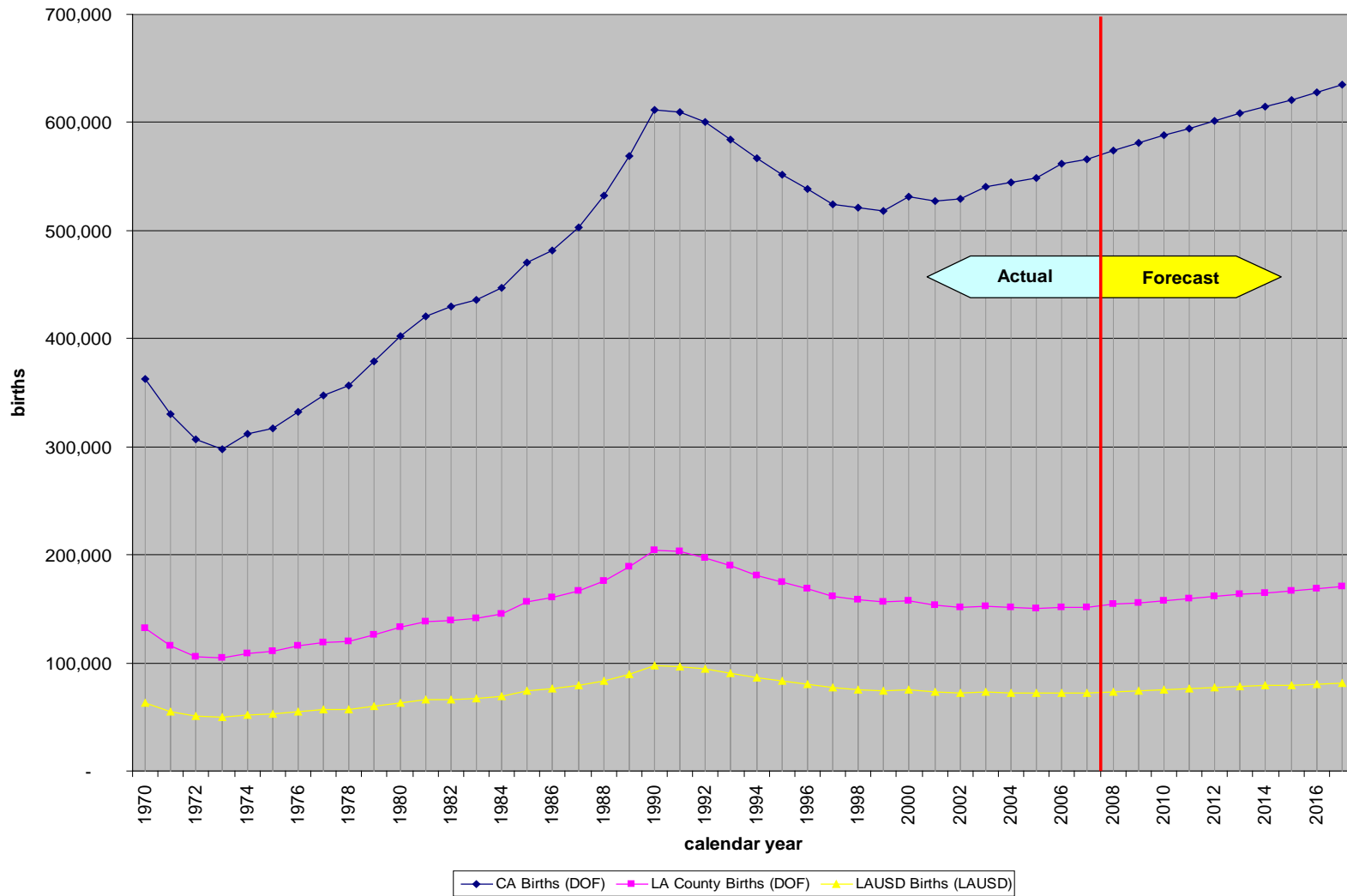
# LAUSD K-12 Public Enrollment and Births, Historical and Forecast

(public enrollment includes affiliated and independent charters; opportunity schools; stand-alone magnets)



LAUSD public K-12 enrollment and birth history and forecasts.

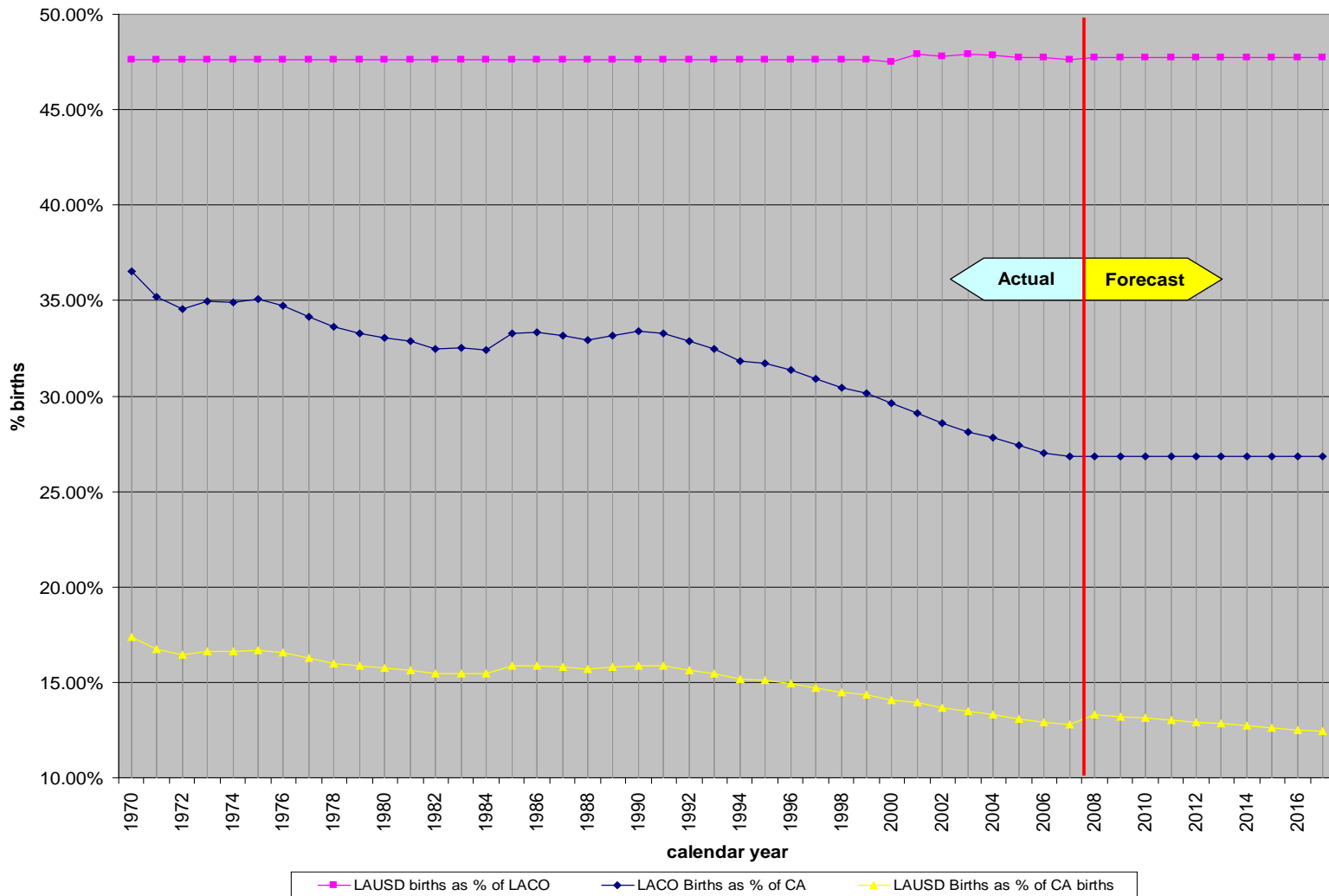
## CA, LA County and LAUSD Historical and Forecast Births



LAUSD historical and forecast births compared to State and County historical and forecast births



## Births as Shares of LA County and CA



LAUSD historical and forecast births as a proportion of LA County and State historical and forecast births, and LA County historical and forecast births as a proportion of State historical and forecast births.

## **The Los Angeles Unified School District:**

- **Enrolled 688,138 students in grades K-12 in SY08-09**
- **Is second only to New York City Public Schools in size (within the U.S.A.)**
- **Covers 710 square miles**
- **Serves all or part of 28 cities and multiple unincorporated areas**
- **Serves over 40% of LA County's general & school-aged populations**
- **Had a \$13.17 billion total School District Budget in SY05-06**
- **Had a \$19.2 billion new school construction and repair program, the largest in U.S. history, scheduled to be completed in 2012**
- **In SY08-09, was composed of:**
  - **885 K-12 Schools and Centers**
  - **194 Adult, Special and Occupational Schools and Centers**
  - **79 Independent K-12 Charters and Centers**
  - **36,767 Regular Teachers**
  - **40,514 Administrators, Support and Classified Staff**



## Data Sources

- Los Angeles Unified School District, Student Information Systems, Enrolled Student Norm Day Data, SY1989 – SY2008
- Los Angeles Unified School District, Master Planning and Demographics, Historical District-Wide Enrollment, SY1961 – SY1988
- California Department of Education, Educational Demographics Office, *California Public Schools- County Enrollment by Grade* [Computer File], data downloaded May 25, 2009, <http://dq.cde.ca.gov/dataquest/dataquest.asp>
- California Department of Education, Educational Demographics Office, *California Public Schools- District Enrollment by Grade* [Computer File], data downloaded May 25, 2009 , <http://dq.cde.ca.gov/dataquest/dataquest.asp>
- California Department of Education, Educational Demographics Office, *California Private School Directory by Year* [Computer File], data downloaded May 25, 2009, <http://dq.cde.ca.gov/dataquest/dataquest.asp>
- California Department of Education, Educational Demographics Office, *California Public Schools- State Enrollment by Grade* [Computer File], data downloaded May 25, 2009, <http://dq.cde.ca.gov/dataquest/dataquest.asp>
- Los Angeles County Department of Public Health, Office of Health and Assessment and Epidemiology, Data Collection & Analysis Unit. *Birth Records*.

For further information: Master Planning and Demographics, Valerie Edwards, [valerie.edwards@lausd.net](mailto:valerie.edwards@lausd.net), 213-241-8044



**Los Angeles Unified School District  
David L. Brewer, Superintendent**



**About the Master Planning and Demographics Unit**

***Rena Perez, Director***

The Los Angeles Unified School District is the nation's second largest public school system, serving approximately 688,000 children in grades K-12. The Master Planning and Demographics Unit supports the Los Angeles Unified School District's mission to educate students through its dedication to the research and analysis utilized in the planning for the optimal utilization of existing schools and determining the need for new school facilities. For more information, please visit us on the web at [www.lausd.net](http://www.lausd.net) or [www.laschools.org/employee/mpd/](http://www.laschools.org/employee/mpd/).

**About the Authors**

***Valerie Edwards, Chief Enrollment Analysis Coordinator***

Ms. Edwards leads and oversees all demographic research and data analysis for LAUSD's Master Planning and Demographics Unit, where she is in charge of strategic planning and coordination of demographic analysis and enrollment projections in support of LAUSD's \$14 billion facilities Strategic Execution Plan. She is currently directing the automation of enrollment projection procedures for the modeling of geographic attendance boundary distribution and simulation of school choice. Ms. Edwards has been a frequent participant at Population Association of America's (PAA) Annual Meetings, serving as session organizer, presenter, panelist and discussant. She is a member the Southern California Association of Governments' (SCAG) Plans & Programs Technical Advisory Committee. She holds a Master's degree in City Planning from the Massachusetts Institute of Technology.

***Mary Ehrental Prichard, Demographic Research and Planning Analyst***

Ms. Prichard's work focuses on the production of short and long range enrollment forecasts for the District's 600+ schools and the production of specialized demographic research and analysis, including the analysis of internal LAUSD and general population demographic data. She has worked extensively with spatially referenced U.S. Census data within a GIS environment. Ms. Prichard has served for a number of years in adjunct faculty positions for community colleges in the Los Angeles region as well as at California State University at Los Angeles. She served as President of the Los Angeles Geographical Society from 2002 to 2004. She holds B.A. and M.A. degrees in the field of Geography from California State University at Los Angeles.