

California Community Colleges System Goals and Metrics:

Comparative Analyses of RCCD and California First Five Cohorts, 2003-2014

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Recent Legislation

- Partnership for Excellence → ARCC → ScoreCard → **CCC System Goals & Metrics**
- AB1417 Accountability Reporting CCCs (2004)
- CCLC Commission on the Future: Vision 2020 (2010)
- SB1440 Student Transfer Achievement Reform Act (2010)
- SB1456 Student Success Act (2012)
- SB195 California Post Secondary Education State Goals (2013)
- Board of Governor's for the California Community Colleges (July, 2014)

Main Goals of the CCC System

Nine metrics conceptualized* around five areas:

- Student Success
- Equity
- Student Services
- Efficiency
- Access

** Aligned with Scorecard 2.0, Student Success Task Force recommendations, Student Success Act (SB 1456), California Post Secondary Education State Goals (SB195), and draft budget language.*

The Nine Metrics

Student Success (ScoreCard + Associate Degrees-Transfer)

- 1. Completion Rates (Certificates and Degrees)
- 2. Math and English Remedial Rates
- 3. CTE Completion Rates
- 4. Number of Associate Degrees for Transfer (AA-T, AS-T)

Equity In Completion Index

- 5. Completion rate among subgroups (ideal $>.80$ for all groups)

Student Services

- 6. Percentage of Students with an Education Plan

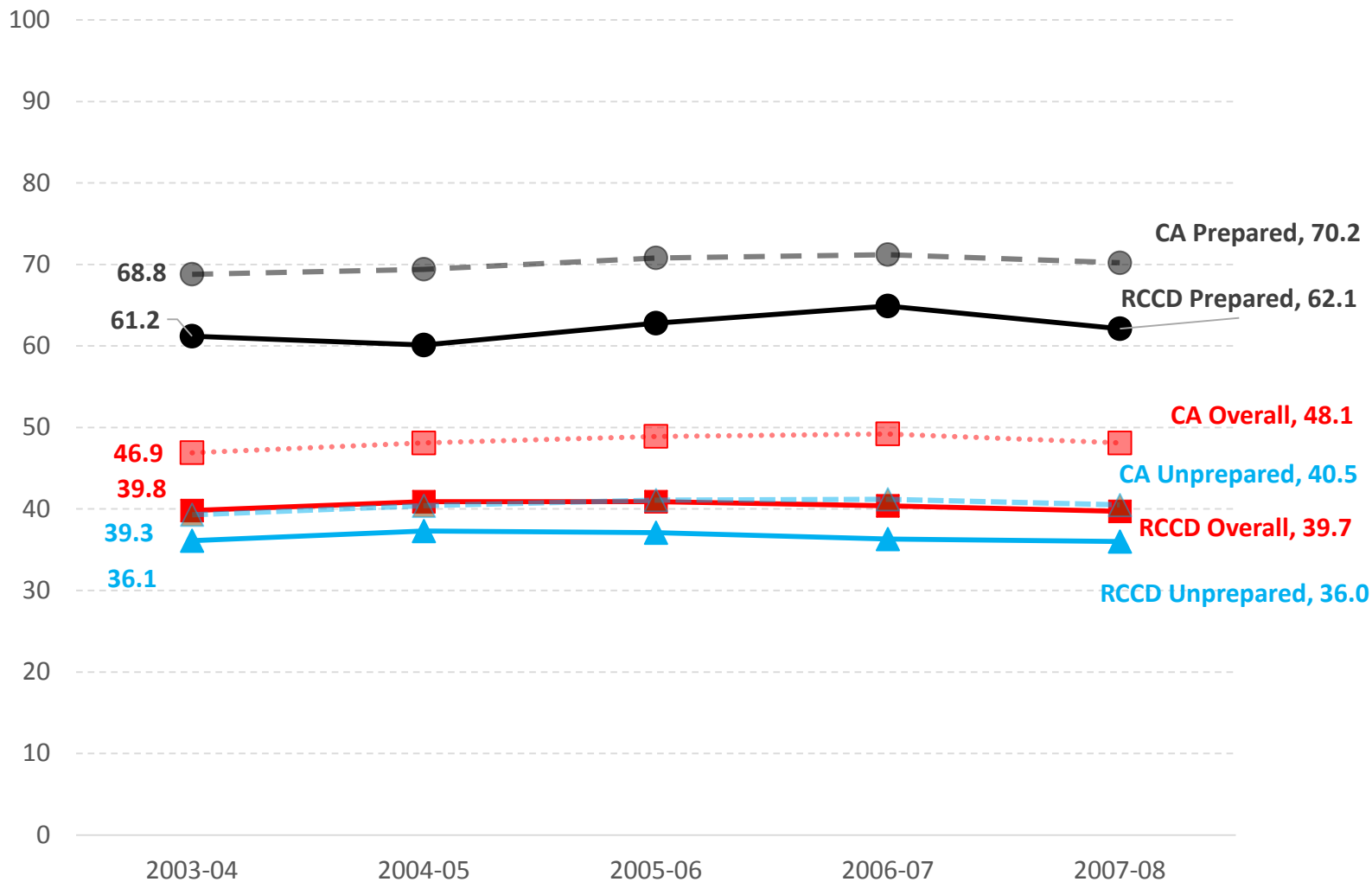
Efficiency

- 7. Number of FTES spent to obtain 'higher order outcome' (certificate, degree, transfer, or transfer prepared within 6 years (efficient = declining rate)

Access

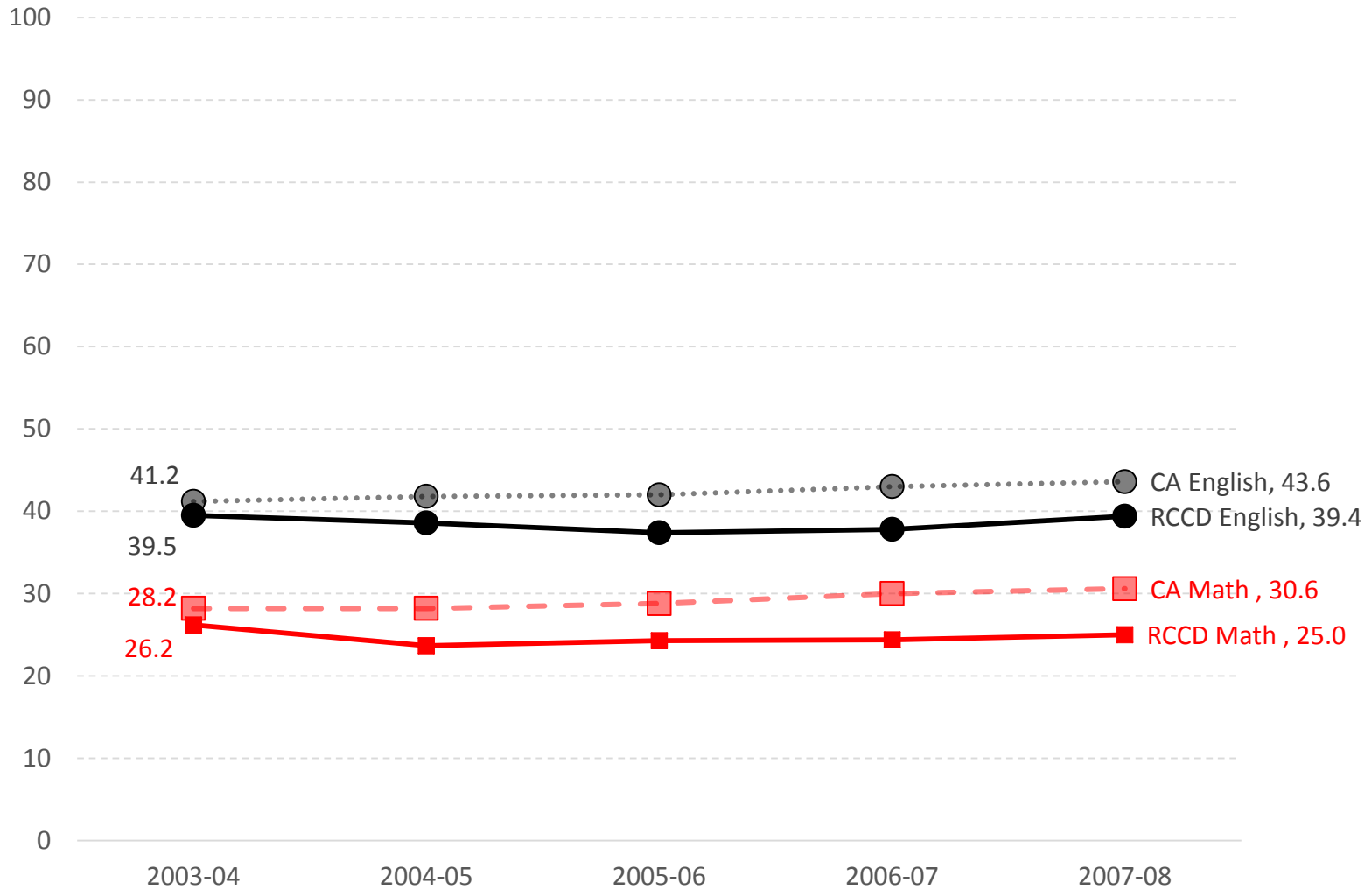
- 8. Participation rate (# Students ages 18-24 per 1,000 residents same age group)
- 9. Participation rate among subgroups

Student Success: Completion Rates of Five Most Recent Cohorts, 2003 - 2014



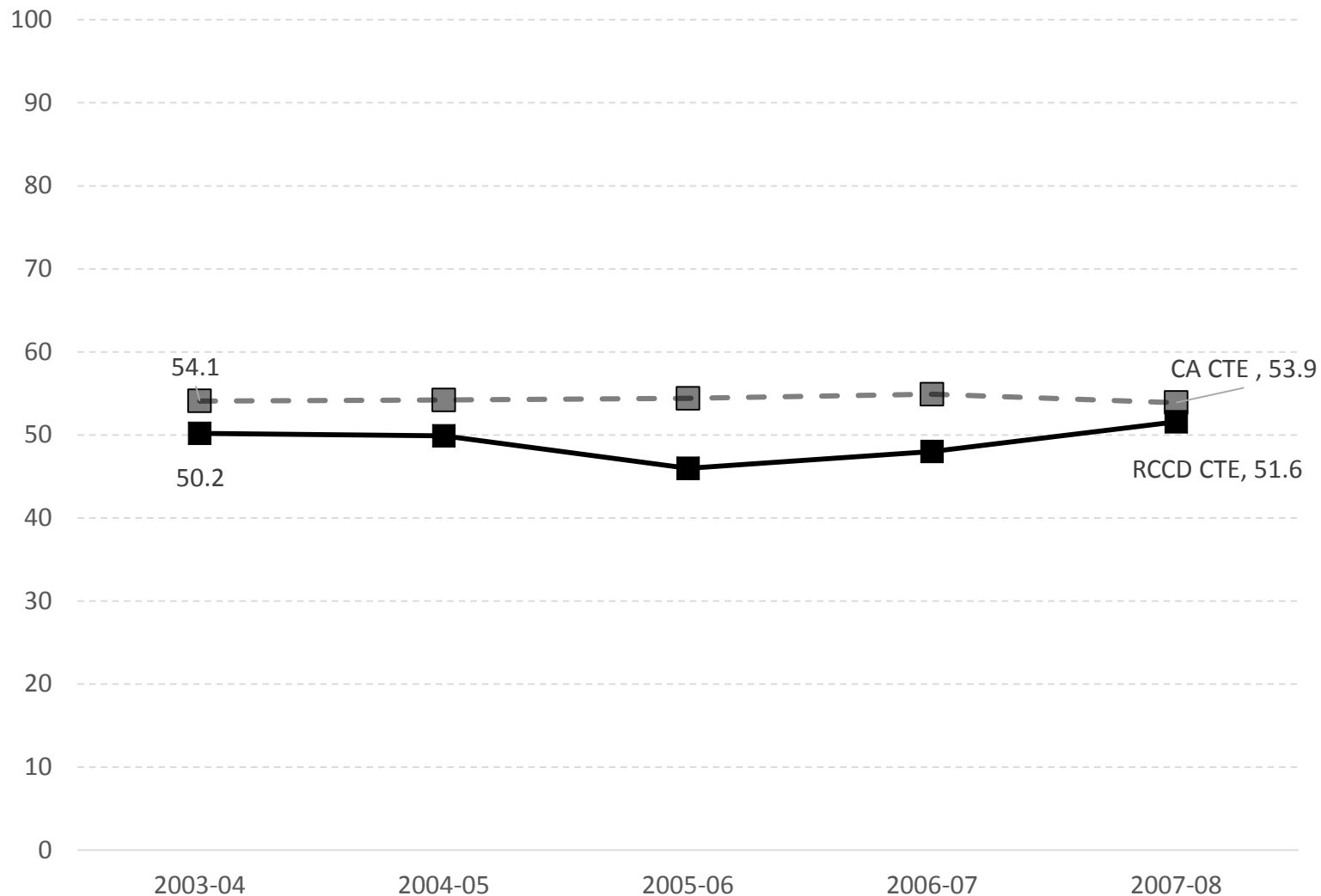
Percentage of first time students (who attempted any level of Math or English in the first three years) who completed degree, certificate or transfer-related outcomes within six years. If student's lowest course attempted in Math and/or English was college level, then student is considered College Prepared.

Student Success: Remedial Math & English Rates of Five Most Recent Cohorts, 2003 - 2014



Percentage of first-time credit students who started in below transfer level in English, mathematics, and/or ESL and successfully completed a college-level course in the same discipline within six years.

Student Success in Career Technical Education of Five Most Recent Cohorts, 2003 - 2014



Percentage of first-time students who completed more than eight units in courses classified as career technical education (or vocational) in a single discipline and completed a degree, certificate or transferred.

Student Success: Annual Volume of Transfer Degrees

	RCCD			CA		
	AS-T	AA-T	Total	AS-T	AA-T	Total
2011-12	0	4	4	72	735	807
2012-13	6	44	50	1,740	3,625	5,365
2013-14	27	79	106	4,893	6,859	8,752

“The existing data show a steep increase in the volume between the first and second year of implementation. If this trend continues, to increase the volume of the degrees by a target percent annually may not be sustainable. The Chancellor’s Office will monitor the trends and may reevaluate the target.”

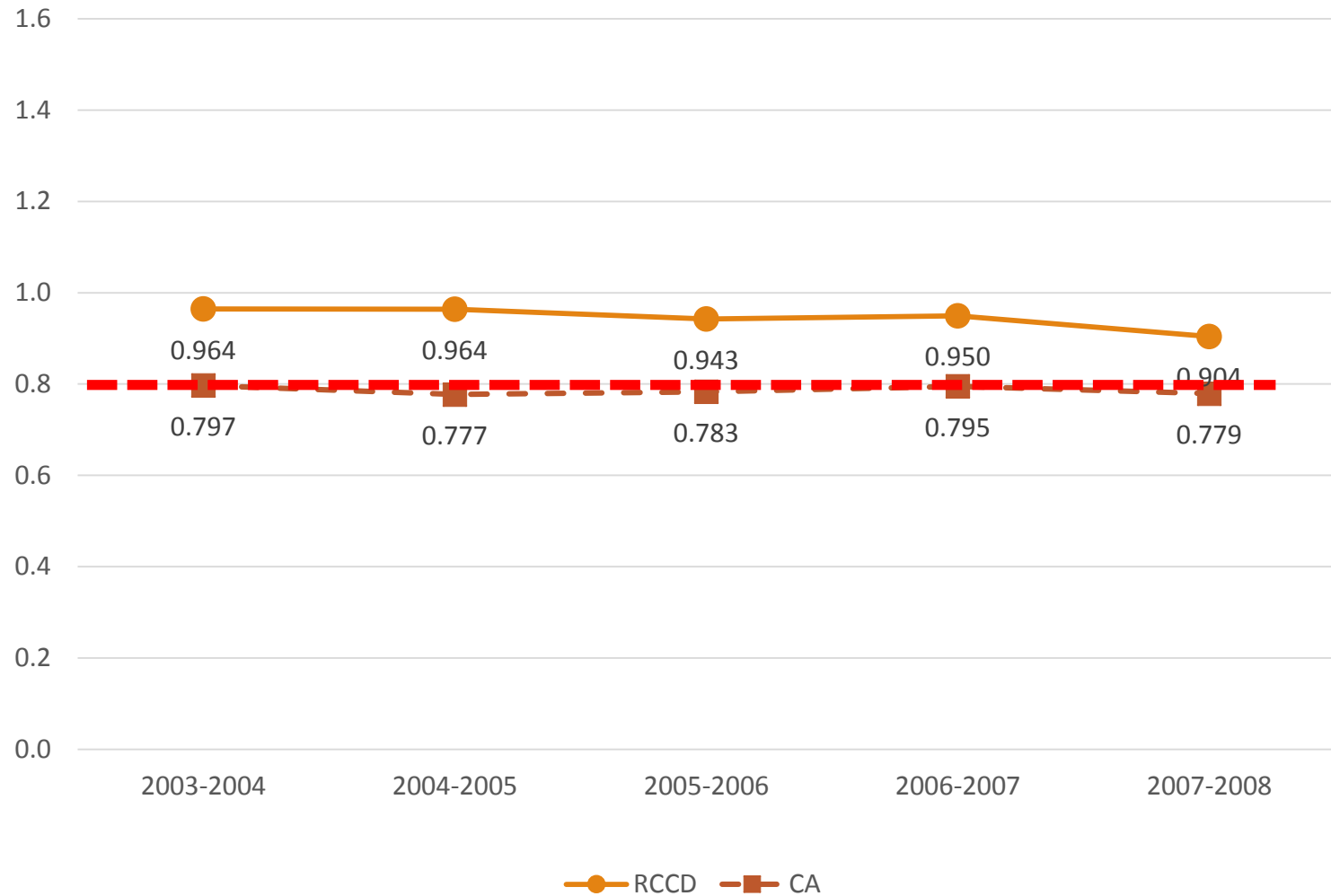
Student Equity Proportional Index: Calculations for all subgroups

Example: 2007/08 Cohort

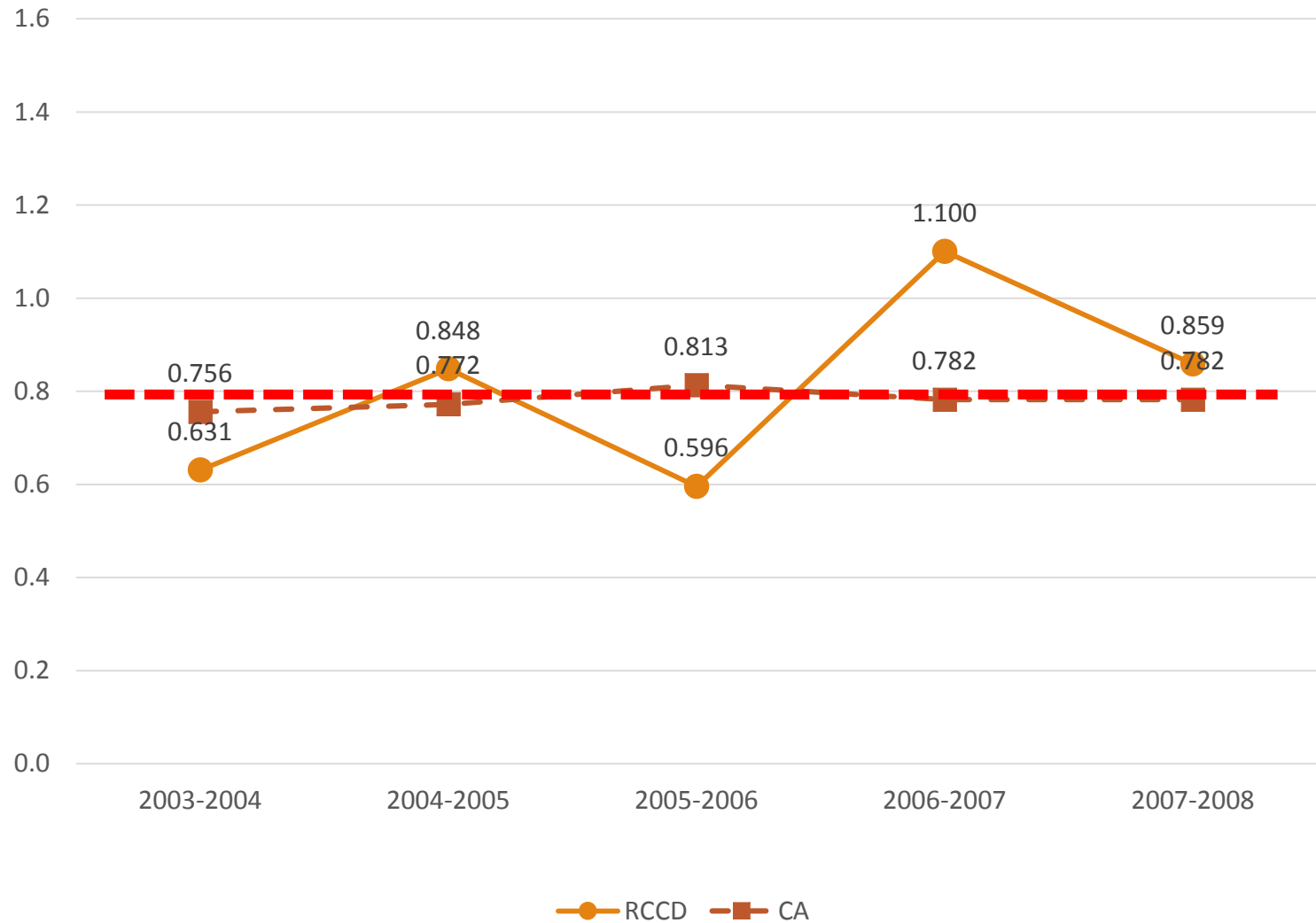
Goal GTE .80 for all subgroups

Race/Ethnicity	Cohort Size	Proportion	Number Outcome	Proportion.	Equity Index
African American	654	0.120	234	0.109	$0.109/0.120=0.904$
American Indian	50	0.009	17	0.008	$0.008/0.009=0.858$
Asian	289	0.053	170	0.079	$0.079/0.053=1.485$
Filipino	158	0.029	80	0.037	$0.037/0.029=1.278$
Hispanic	2,559	0.470	888	0.412	$0.412/0.470=0.876$
Pacific Islander	57	0.010	25	0.012	$0.012/0.010=1.108$
White non-Hispanic	1,673	0.308	739	0.343	$0.343/0.308=1.116$
Total	5,440	1.000	2,153	1.000	

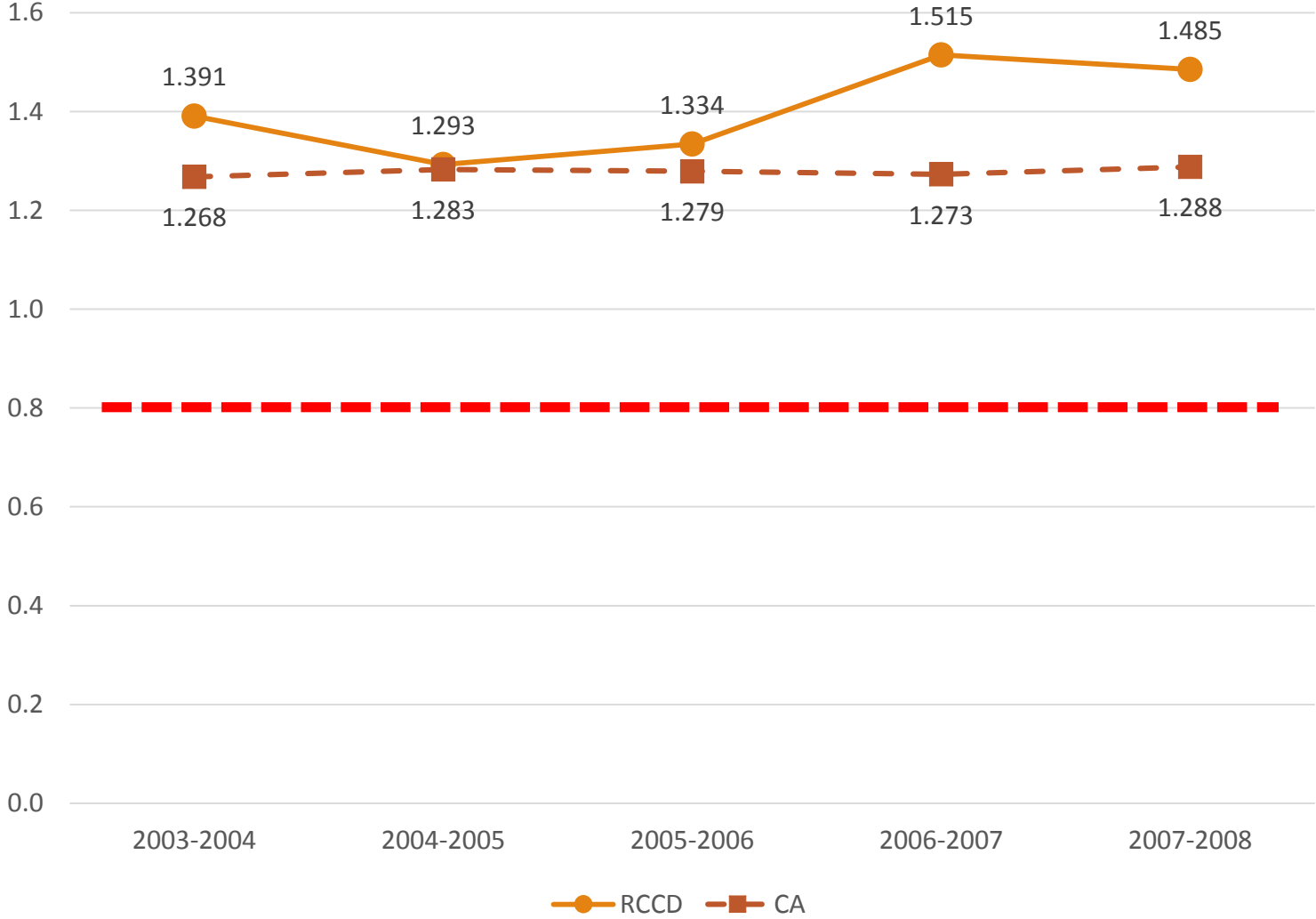
Comparative Analysis of Equity Index for African American Students: RCCD and California, Five Most Recent Cohorts, 2003 - 2014



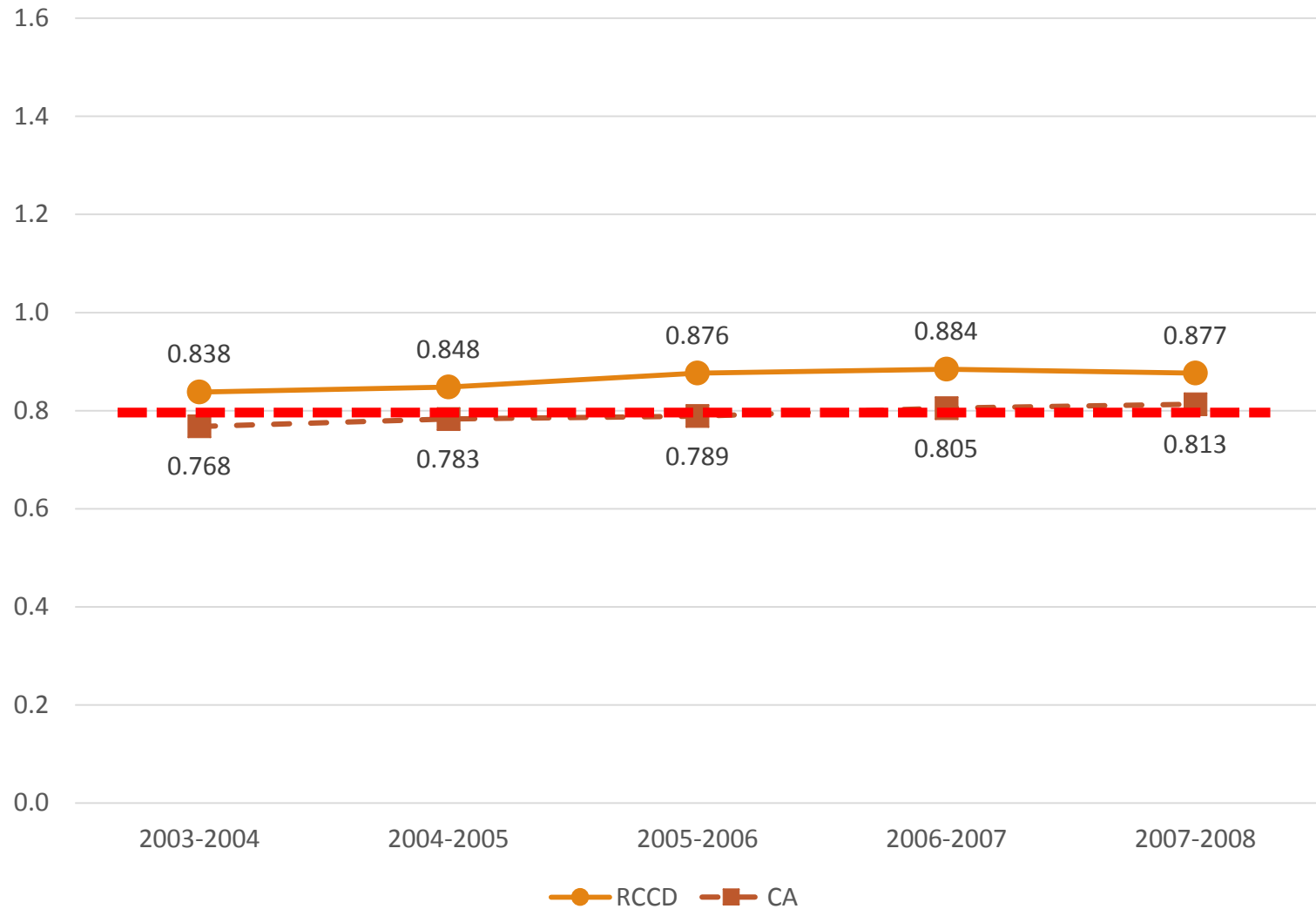
Comparative Analysis of Equity Index for Native American Students: RCCD and California: Five Most Recent Cohorts, 2003 - 2014



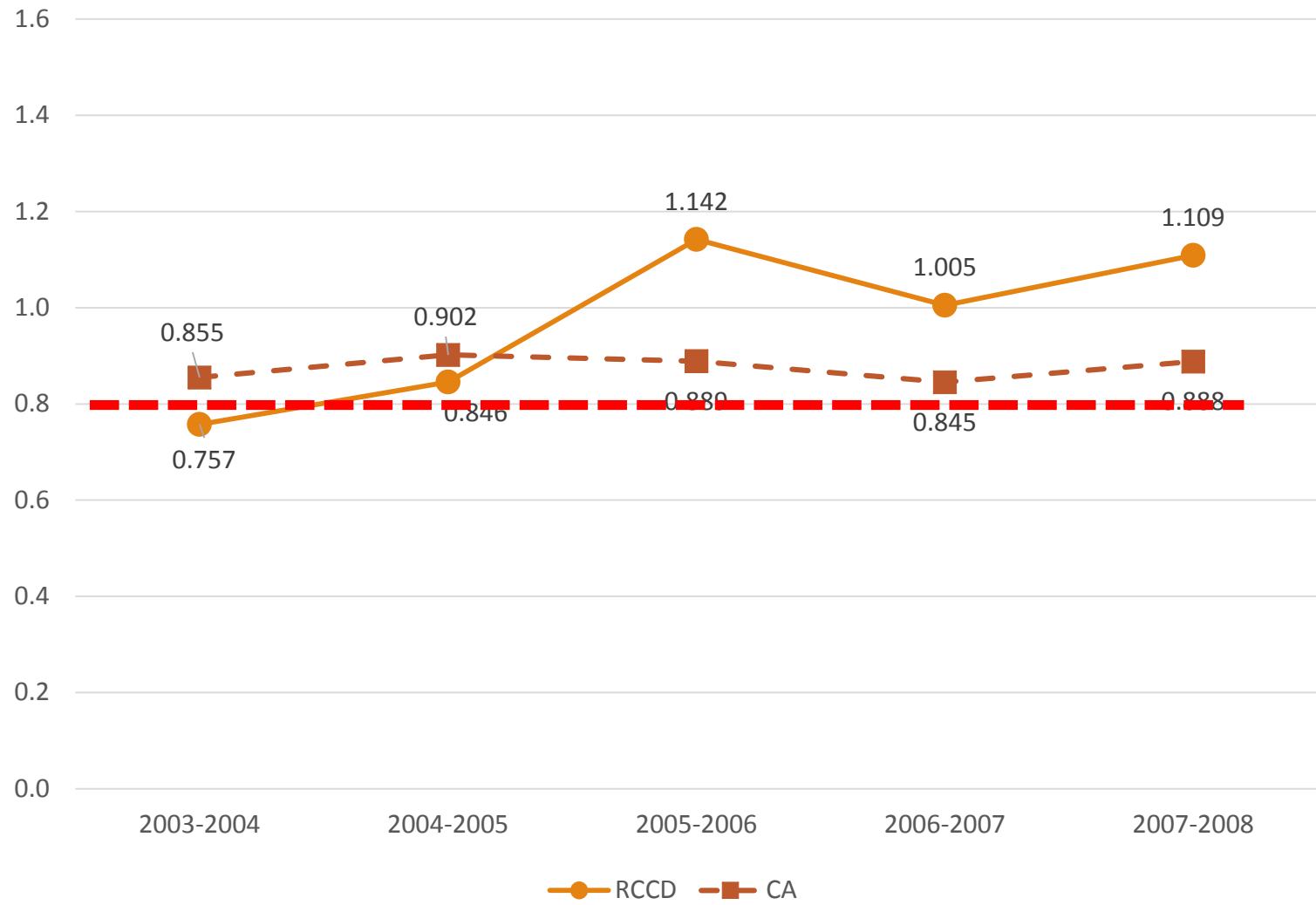
Comparative Analysis of Equity Index for Asian American Students: RCCD and California: Five Most Recent Cohorts, 2003 - 2014



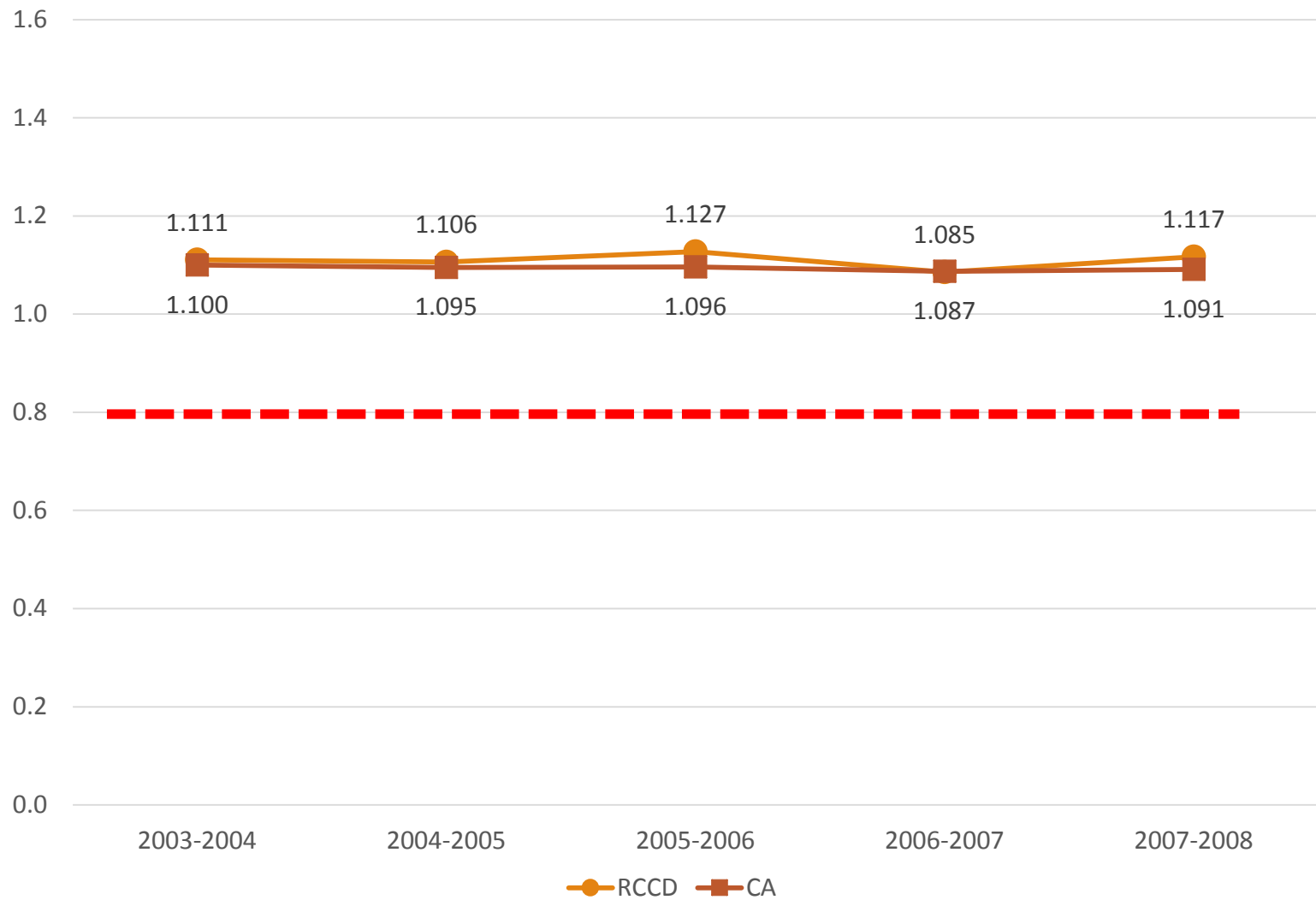
Comparative Analysis of Equity Index for Hispanic Students: RCCD and California, Five Most Recent Cohorts, 2003 - 2014



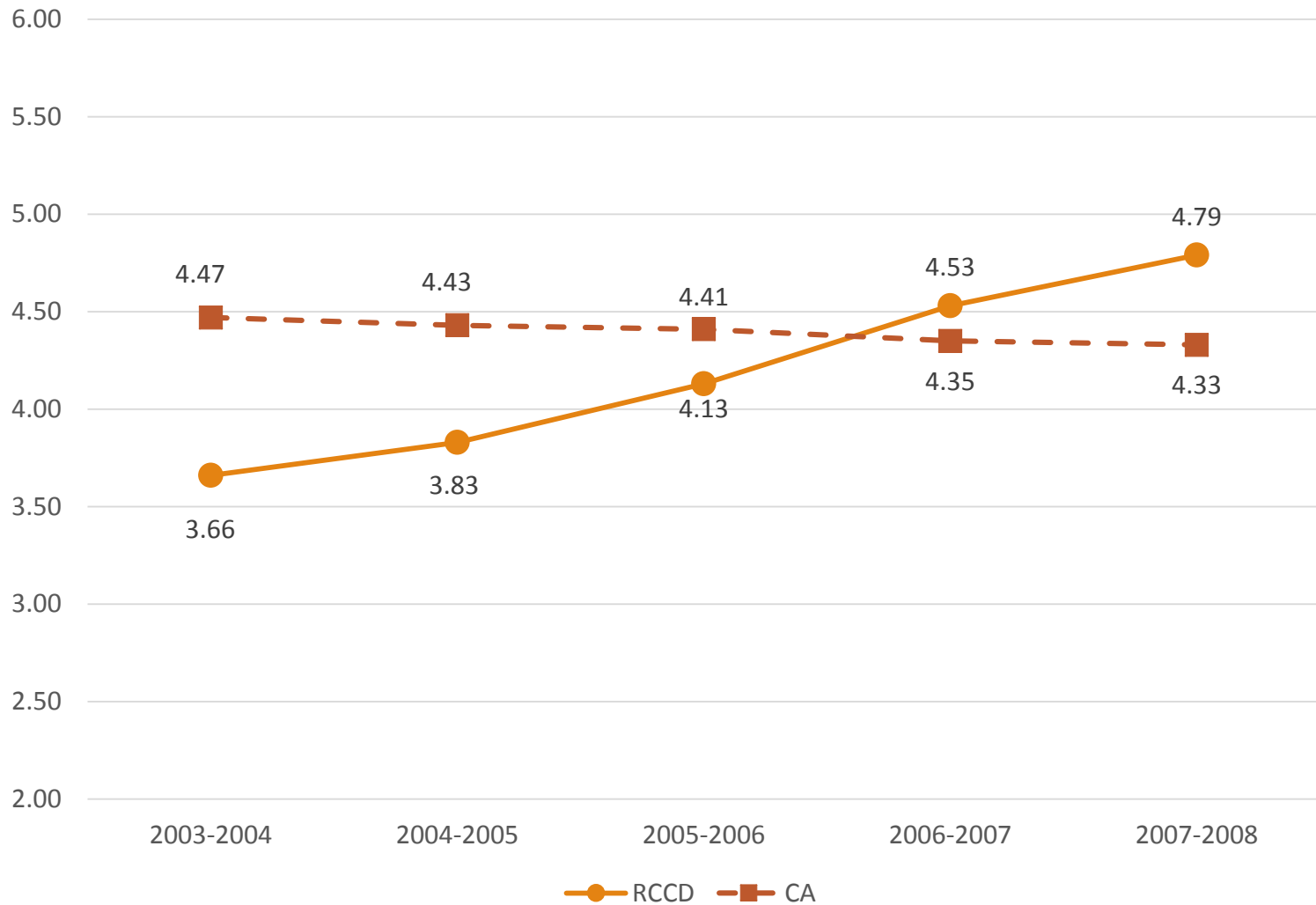
Comparative Analysis of Equity Index for Pacific Islander Students: RCCD and California, Five Most Recent Cohorts, 2003 - 2014



Comparative Analysis of Equity Index for White Students: RCCD and California, Five Most Recent Cohorts, 2003 - 2014

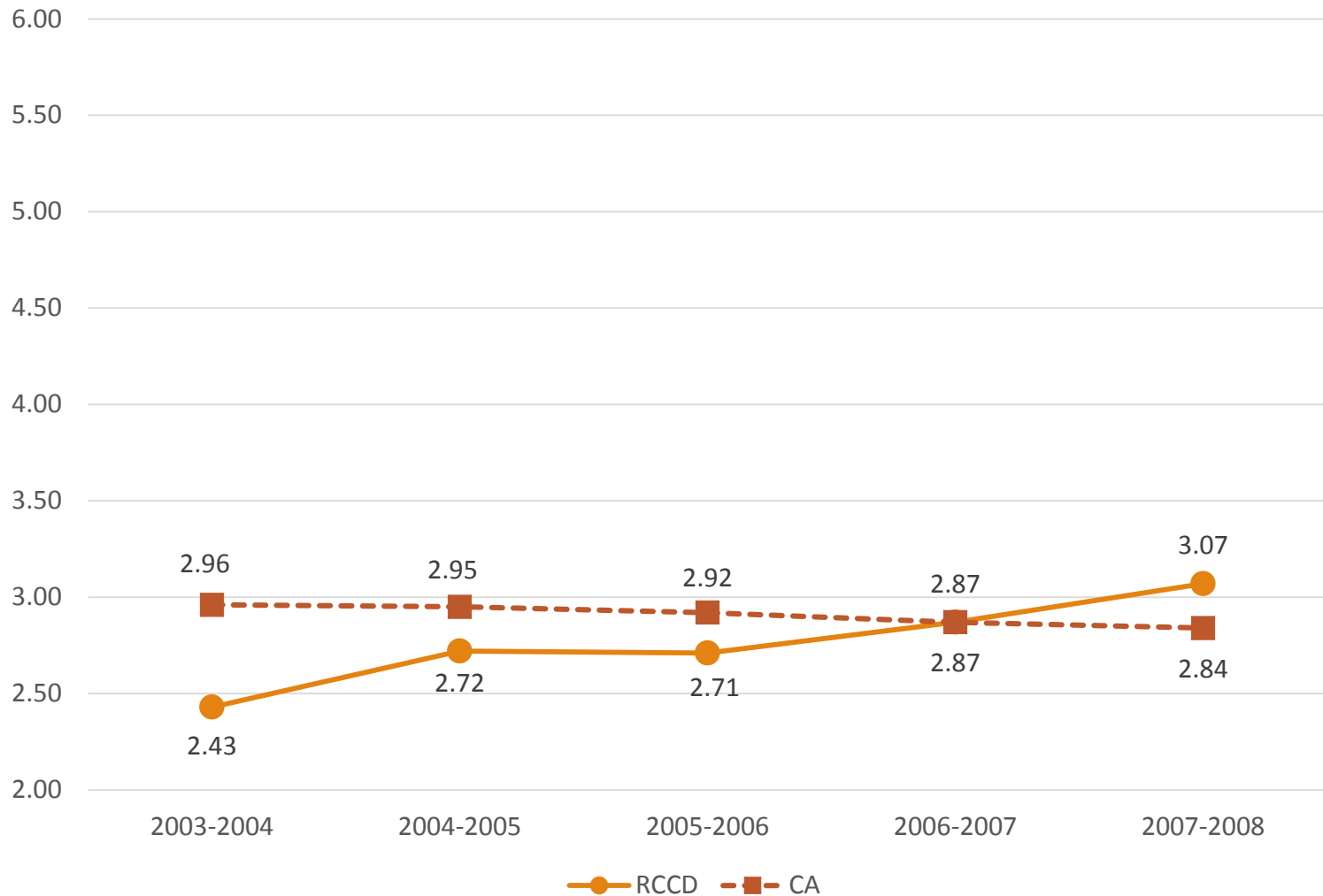


Overall Efficiency Rates: FTES Spent Per Success Outcome RCCD and California for the Five Most Recent Cohorts, 2003 - 2014



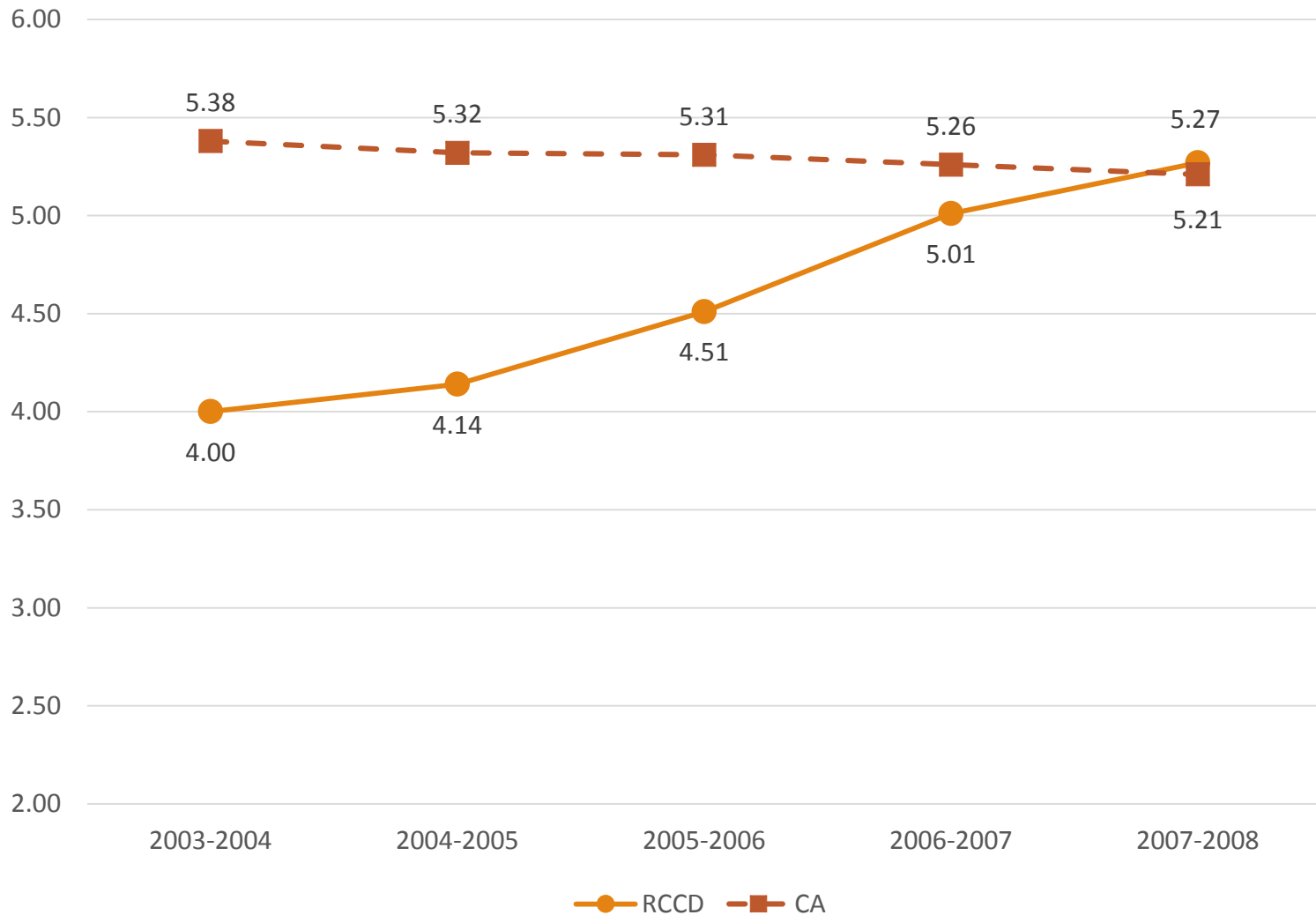
This efficiency measure uses the Scorecard completion rate and indicates how much student time (measured by Full Time Equivalent Students, or FTES) was generated to produce one outcome in each cohort.

Overall Efficiency Rates: FTES Spent Per Success Outcome, RCCD and California for *Prepared* Students in the Five Most Recent Cohorts, 2003-2014



This efficiency measure uses the Scorecard completion rate and indicates how much student time (measured by Full Time Equivalent Students, or FTES) was generated to produce one outcome in each cohort.

Overall Efficiency Rates: FTES Spent Per Success Outcome in RCCD and California for Unprepared Students in the Five Most Recent Cohorts, 2003 - 2014



This efficiency measure uses the Scorecard completion rate and indicates how much student time (measured by Full Time Equivalent Students, or FTES) was generated to produce one outcome in each cohort.

Forthcoming System Metrics

- **Student Services: Percent with Education Plan**

- **Participation Rates**

(Number of 18-24 year old individuals per 1,000 in population)

Next Steps

- **Policy implications**
- **Changes in operation**

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