

Tracking -- and Modeling -- Nativity In State and Sub-state Population Projections for California

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Components of Population Change, Southern California, 1970-2010

Period ending Apr. 1	Population	Change						
1970	9,956,000							
1975	10,473,000	518,000						
1980	11,622,000	1,149,000						
1985	13,064,000	1,442,000						
1990	14,602,000	1,538,000						
1995	15,195,000	593,000						
2000	16,443,000	1,248,000						
2005	17,324,000	881,000						
2010	18,052,000	728,000						

Components of Population Change, Southern California, 1970-2010

Period ending Apr. 1	Change (average annual)			Natural Increase			
	<i>Births</i>	<i>Deaths</i>					
1970							
1975		163,000	85,000	78,000			
1980		181,000	85,000	95,000			
1985		220,000	92,000	128,000			
1990		276,000	100,000	176,000			
1995		327,000	102,000	225,000			
2000		288,000	105,000	184,000			
2005		270,000	107,000	163,000			
2010		273,000	108,000	165,000			

Components of Population Change, Southern California, 1970-2010

					Migration					
					Net Domestic					
					Born in	Other U.S.			Total	
(April 1)					California	Born	Foreign Born	Domestic		
1970										
1975					-79,531	-14,064	-356	-93,951		
1980					-55,215	14,057	432	-40,727		
1985					-43,618	47,964	13,617	17,962		
1990					-42,950	8,174	-2,106	-36,882		
1995					-123,165	-82,975	-92,644	-298,784		
2000					-64,995	-6,439	-24,498	-95,932		
2005					-57,683	-12,521	-41,394	-111,598		
2010					-86,862	-14,223	-18,605	-119,690		

Components of Population Change, Southern California, 1970-2010

Period	Pop Change	Change (average annual)		Natural Increase	Net Migration		Total
		<i>Births</i>	<i>Deaths</i>		<i>Domestic</i>	<i>Inter-</i>	
2005	881,000	270,000	107,000	163,000	-112,000	125,000	13,000
2010	728,000	273,000	108,000	165,000	-120,000	100,000	-19,000

California Demographic Futures (CDF) projections of State population

- **Developed in collaboration with Dowell Myers and the Population Dynamics Research Group at the University of Southern California**
- **To project policy-relevant impacts of nativity and immigrant duration (Year of Entry)**
- **First generation in 2001, second in 2005**
- **Third generation (2012) also classifies the native population by birth state**

Pitkin-Myers “Generational” Model developed to project population for sub-regions within CA

- **With Pitkin-Myers Regional “Generational” model**
- **6-County Southern California (SCAG) Region in 2012**
- **Los Angeles County, 2012**
- **Santa Clara County, 2013**

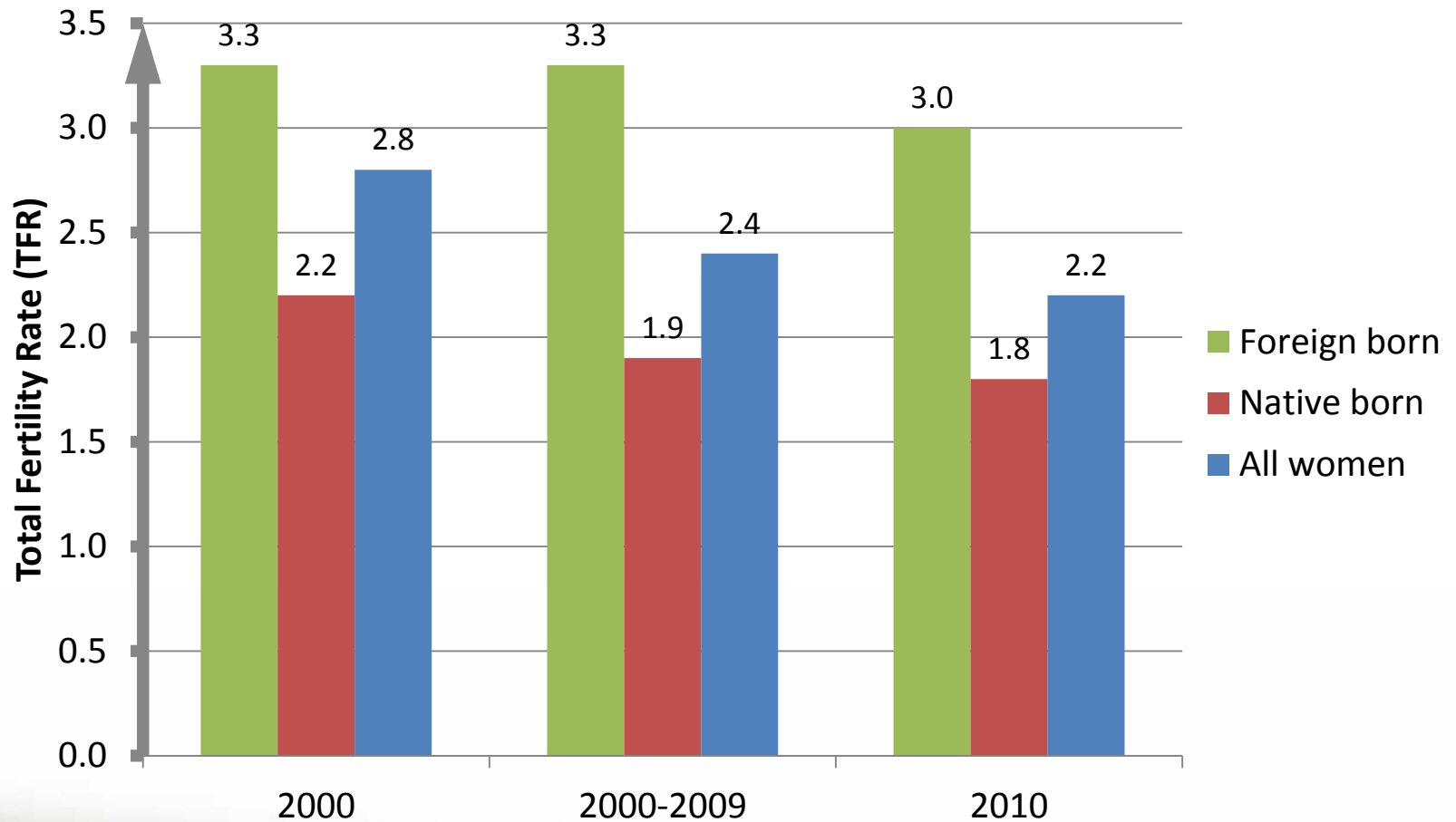
CDF and P-M models categorize population

- **By age**
- **Sex**
- **Race and Hispanic origin**
- **Foreign-born, First Generation by**
 - Year of entry to the U.S. (before 1980,1980,.....)
- **Native-born, Second Generation by**
 - Birth state (CA or other)
- **Native-born, Third Generation by**
 - Birth state (CA or other)

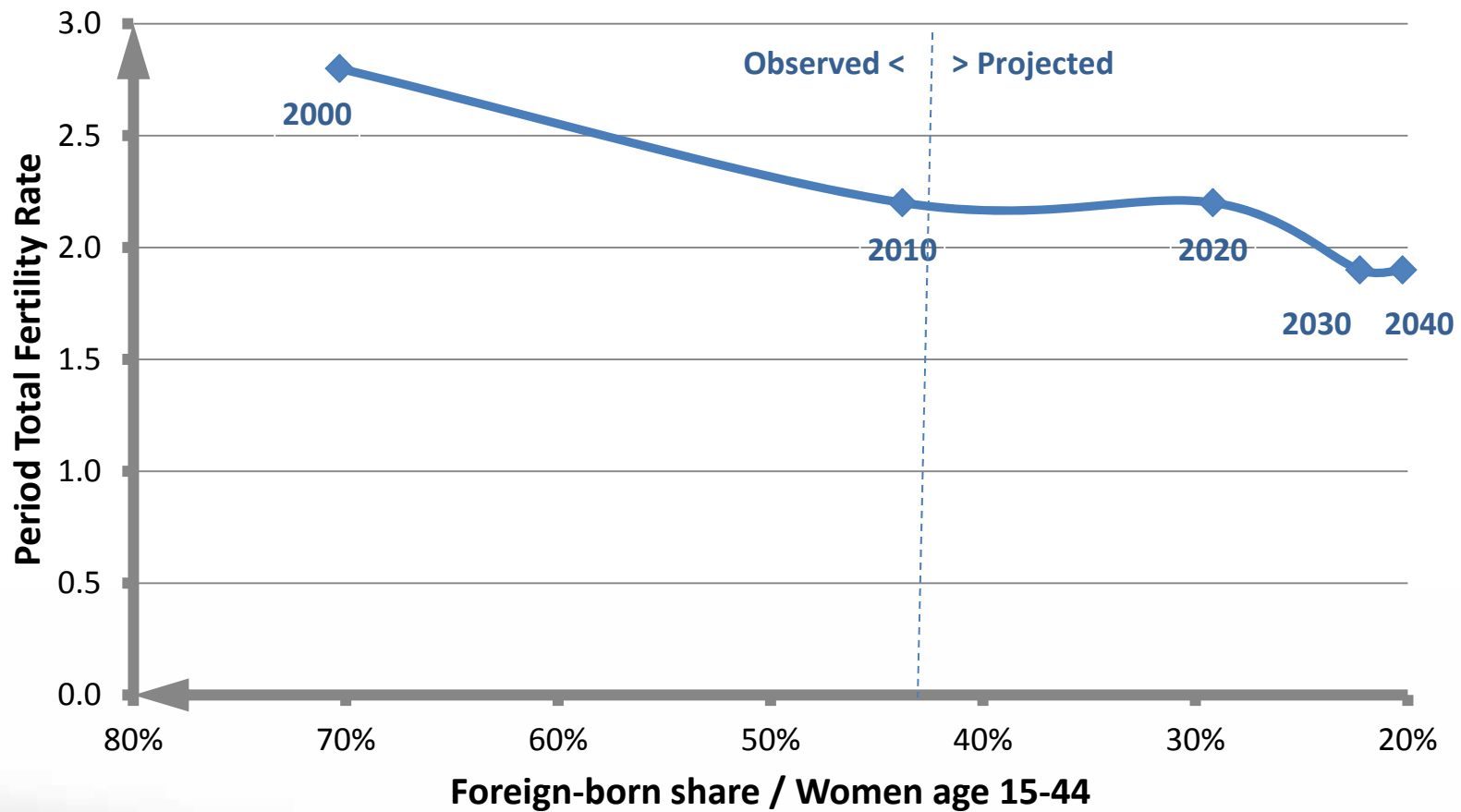
CDF and P-M Models are annual, cohort-component

- **Annual, from 2010 to 2030 or 2040**
- **Two regions in CDF: California, other U.S.**
Three in P-M: Region, Rest of CA, other U.S.
- **Demographic rates are calibrated between 2000 and 2010 Censuses**
- **Post-2000 birthplace and YOA are carried forward to 2010 and future, e.g., as race**

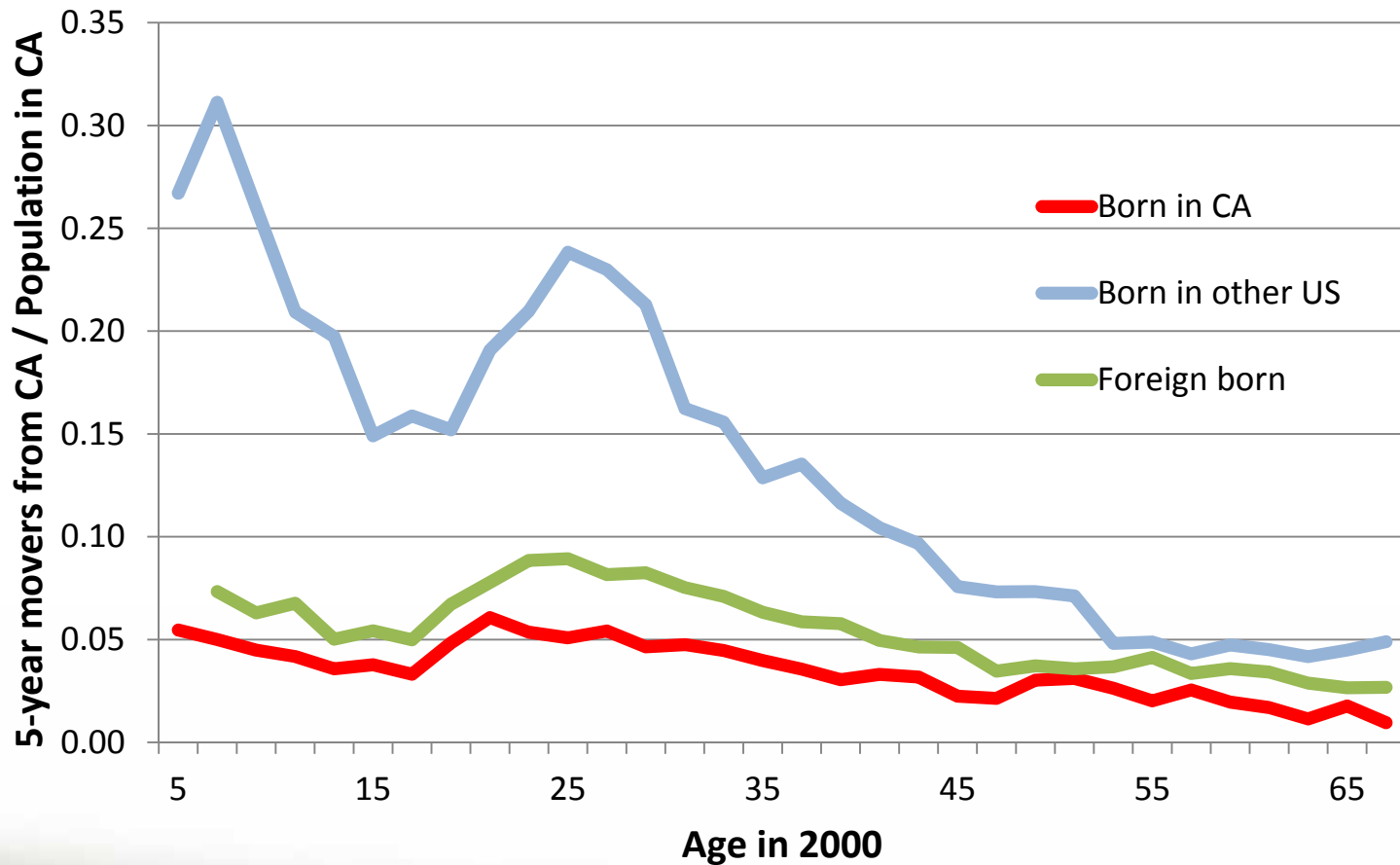
Nativity and Fertility in California Hispanic women



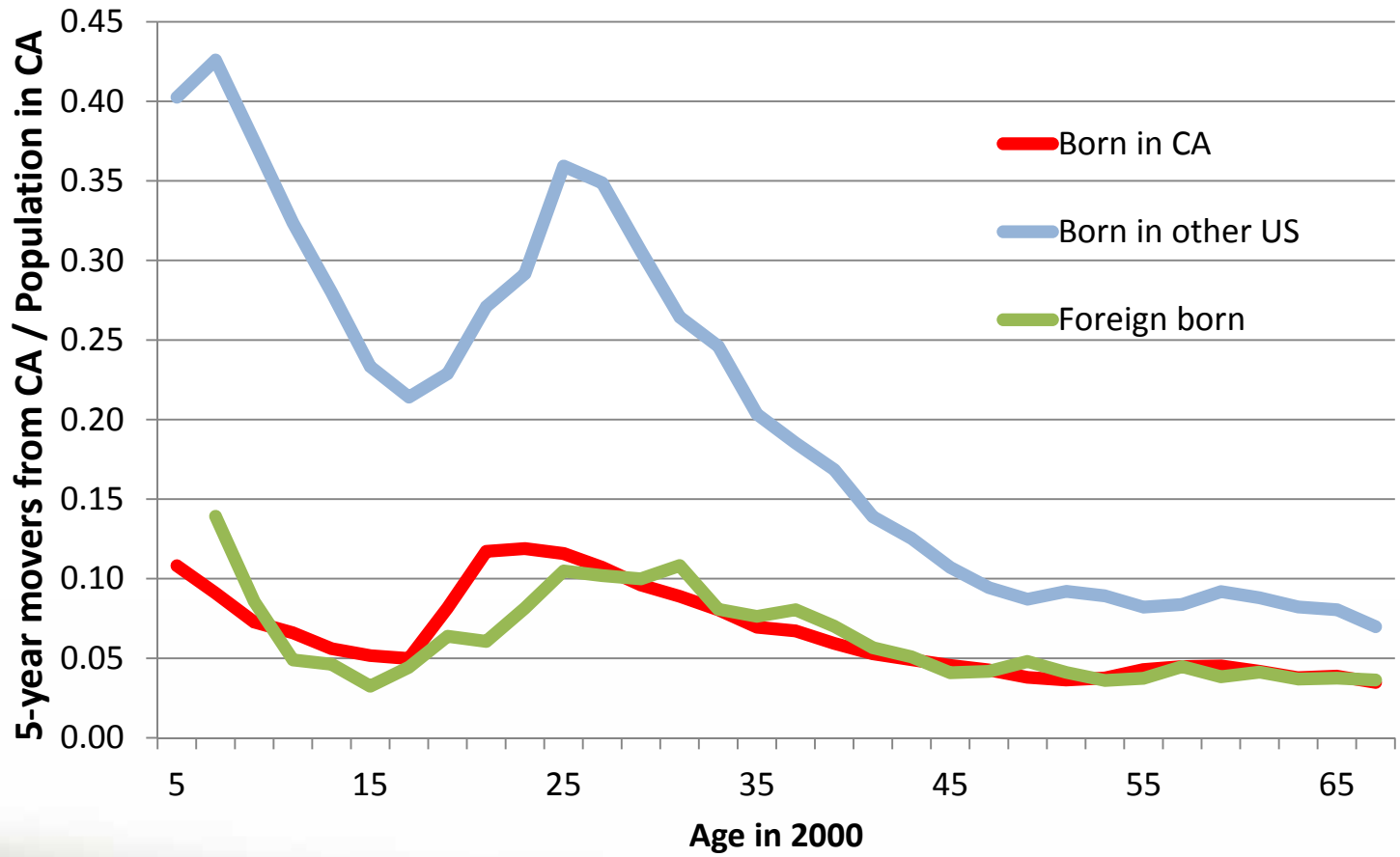
Nativity mix affects projected Fertility of Hispanics in California



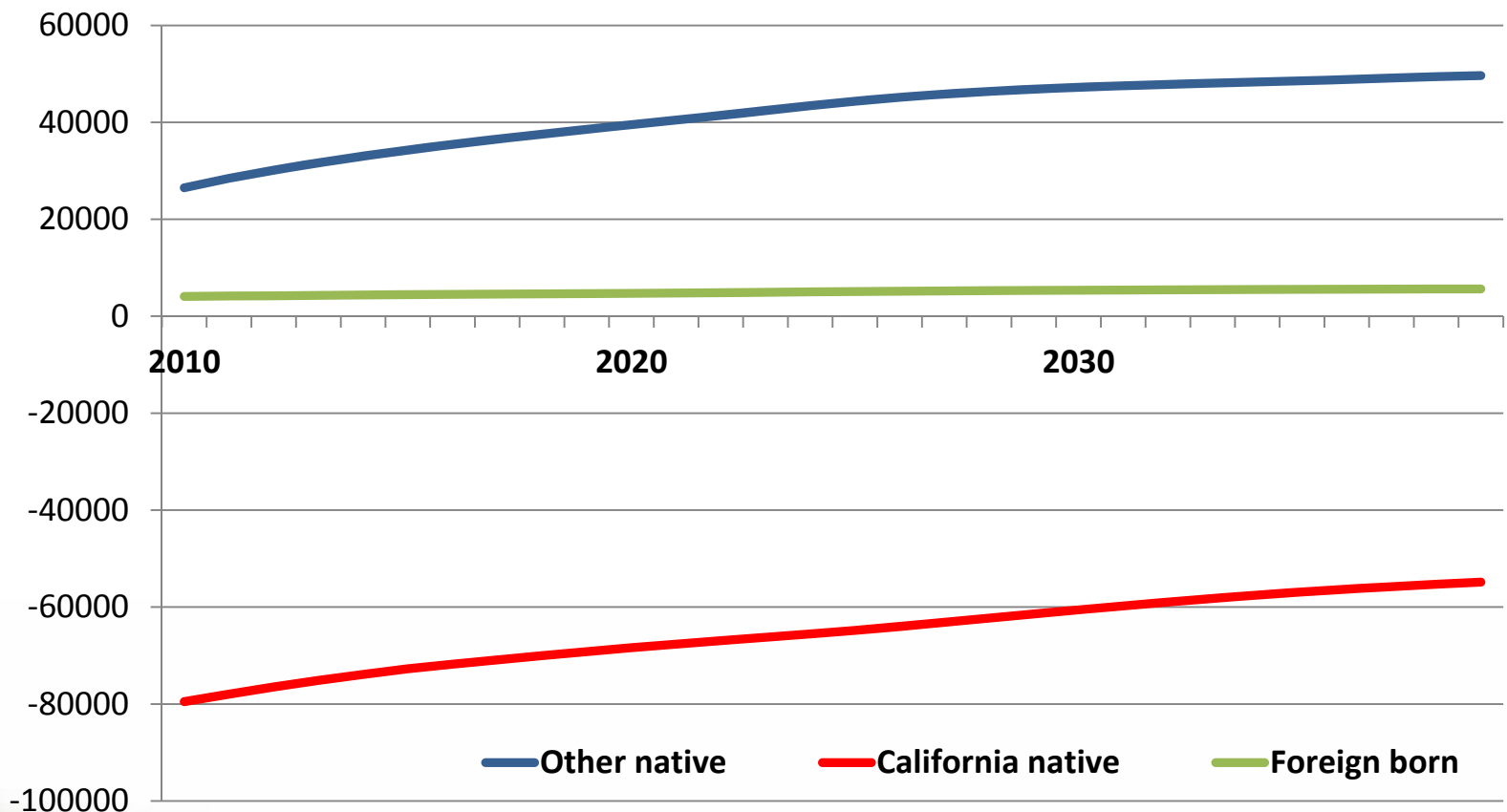
Domestic Migration rates from California 1995-2000, Hispanics



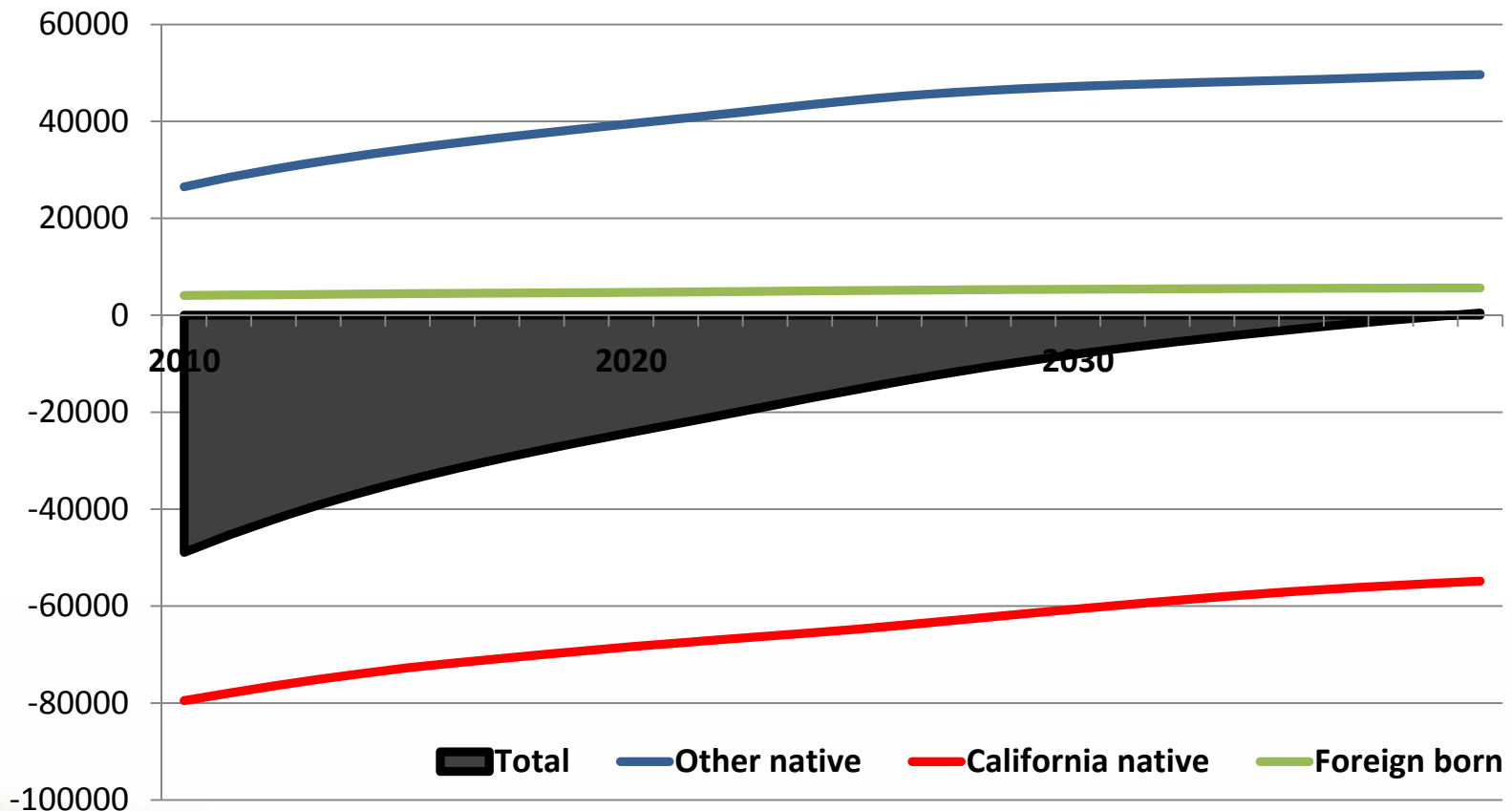
Domestic Migration rates from California 1995-2000, Non-Hispanic Whites



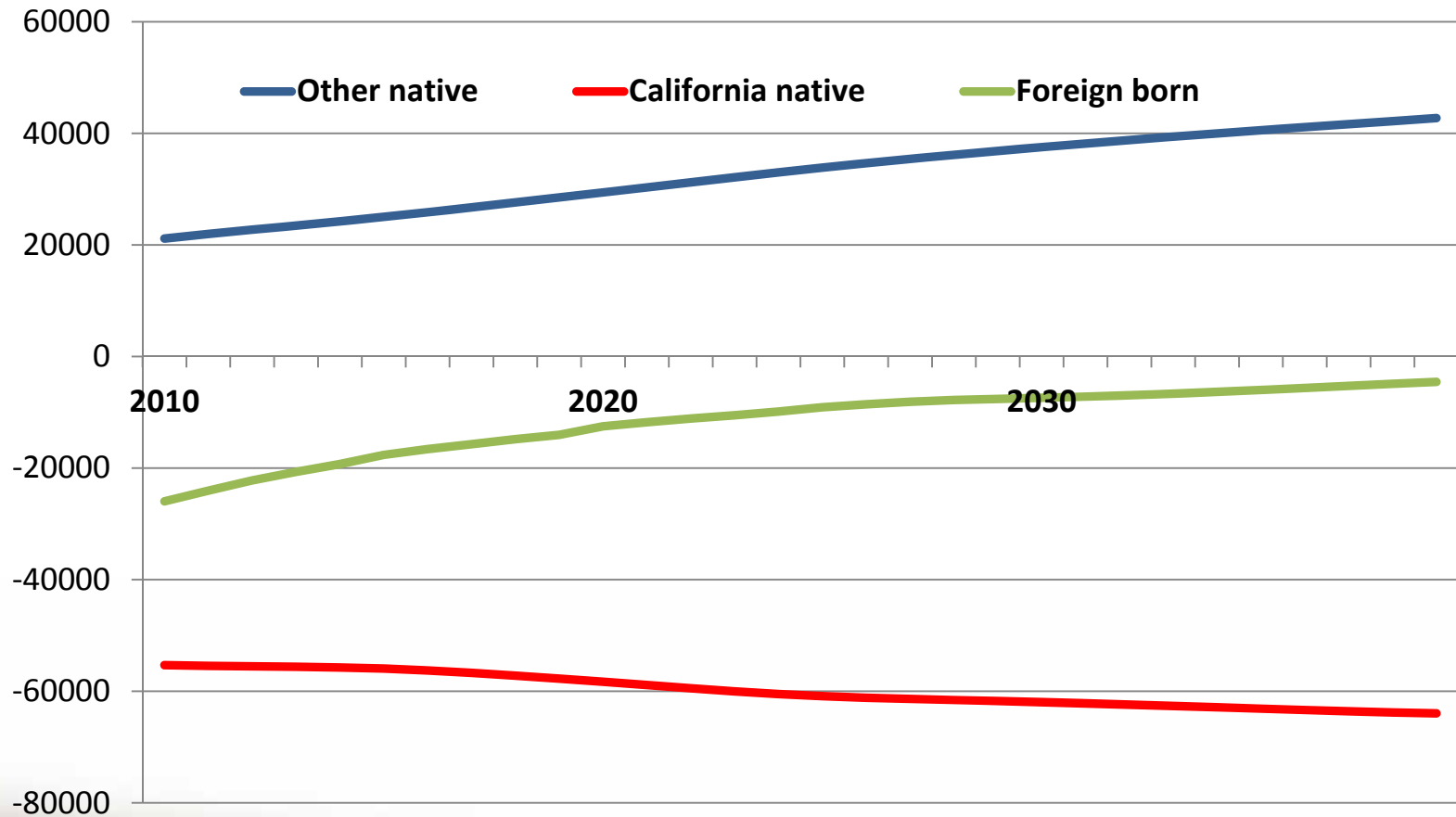
Net Domestic Migration to California 2010-2040 Projected, Non-Hispanic Whites



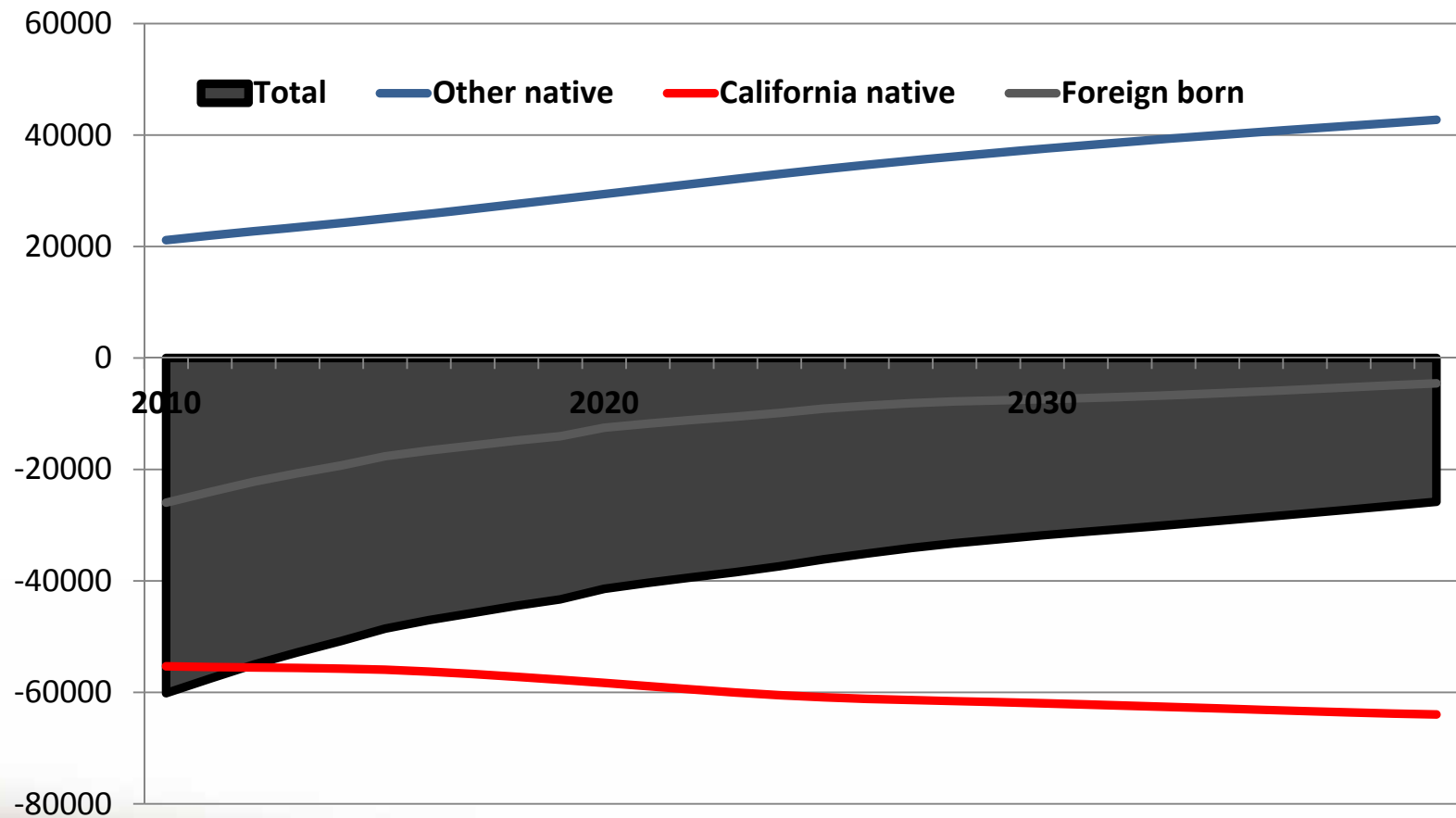
Net Domestic Migration to California 2010-2040 Projected, Non-Hispanic Whites



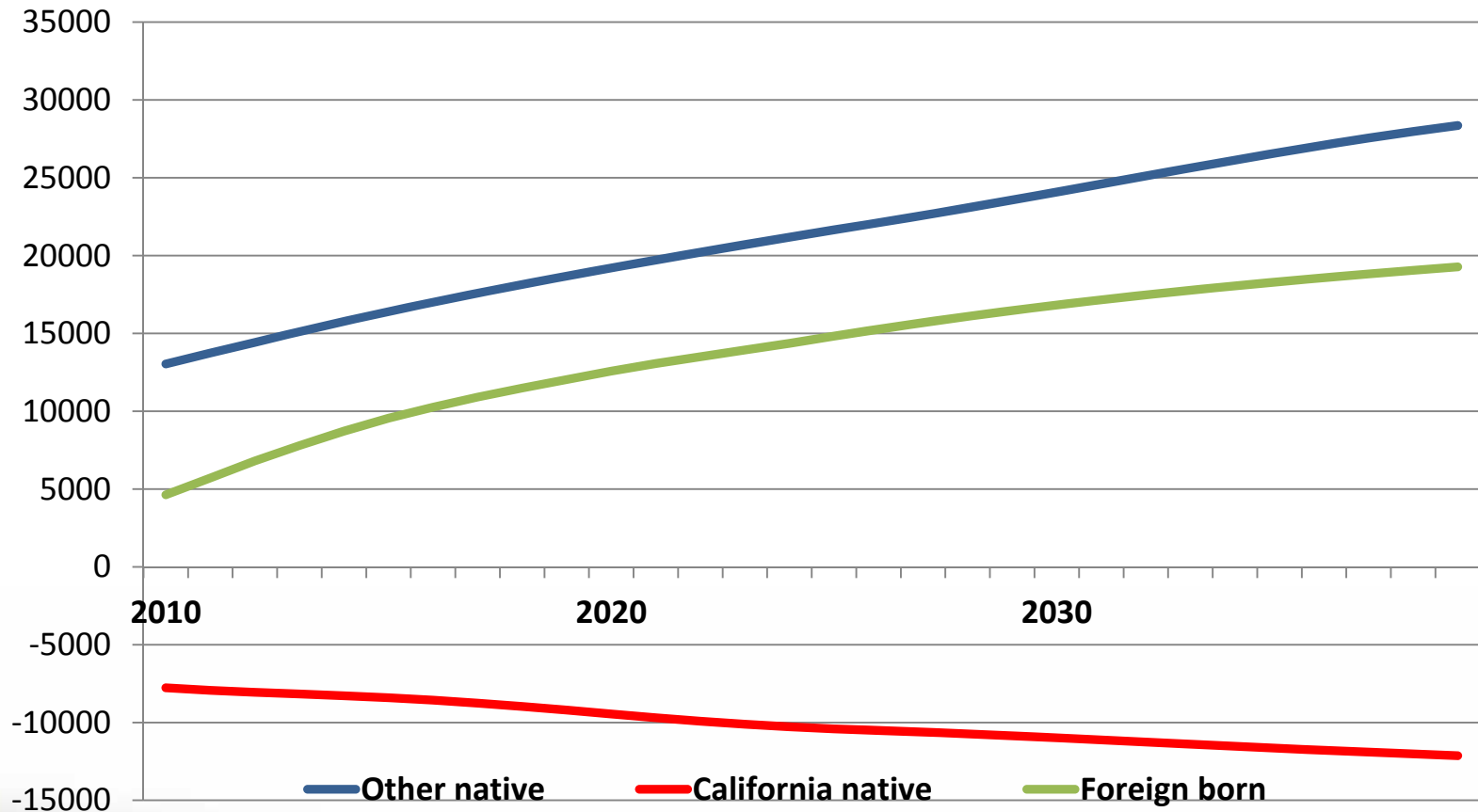
Net Domestic Migration to California 2010-2040 Projected, Hispanic



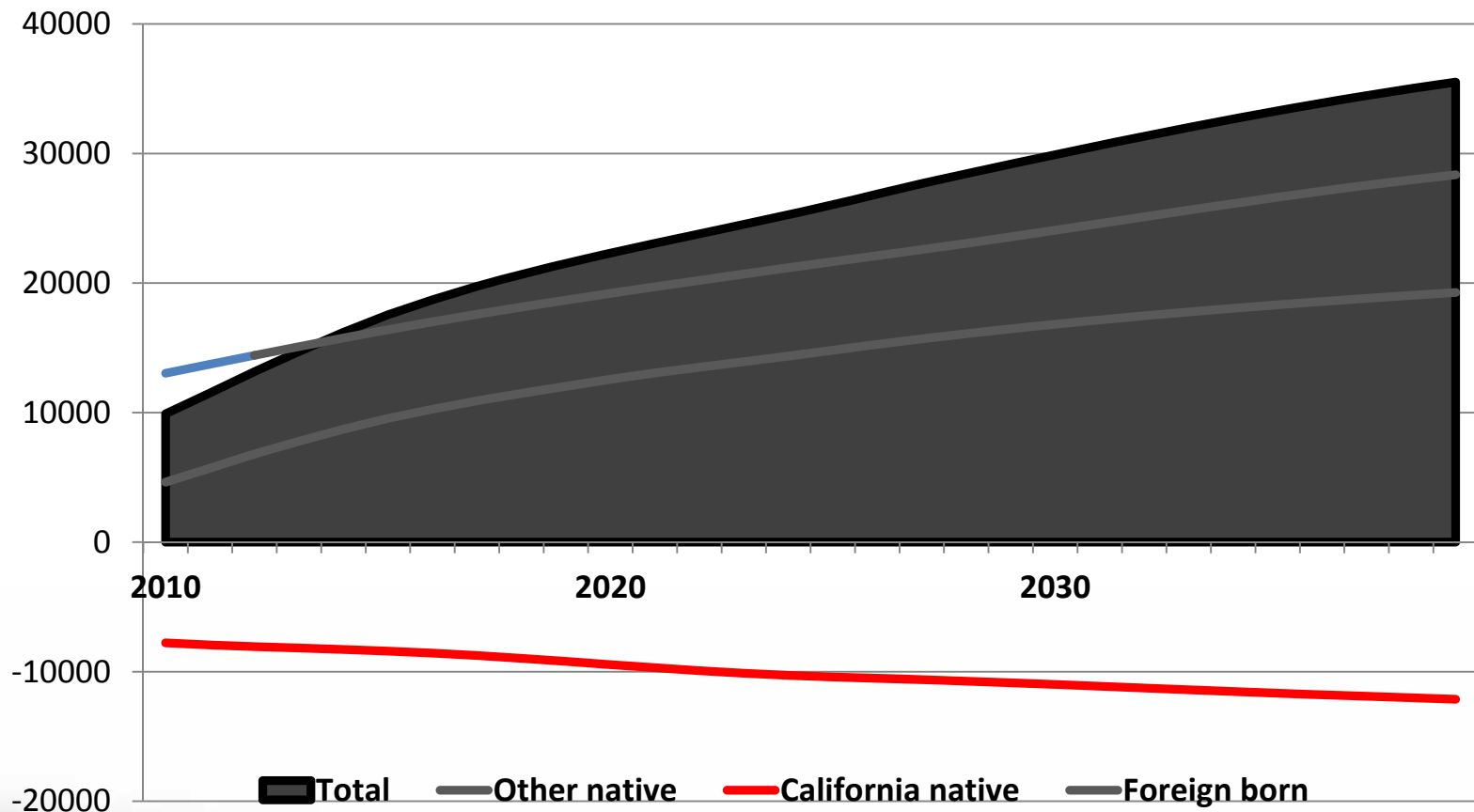
Net Domestic Migration to California 2010-2040 Projected, Hispanic



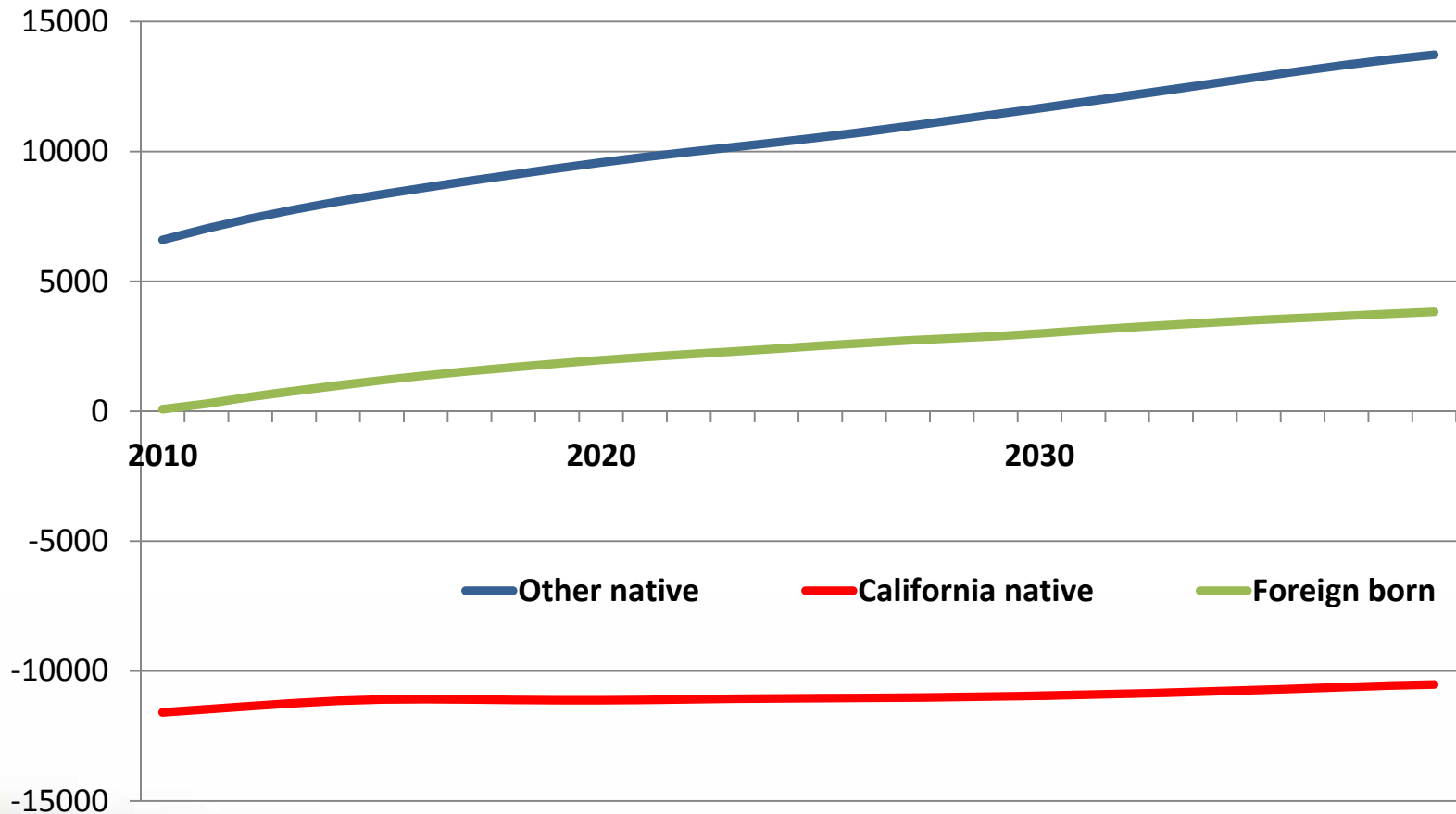
Net Domestic Migration to California 2010-2040 Projected, Asian, Pacific Islander



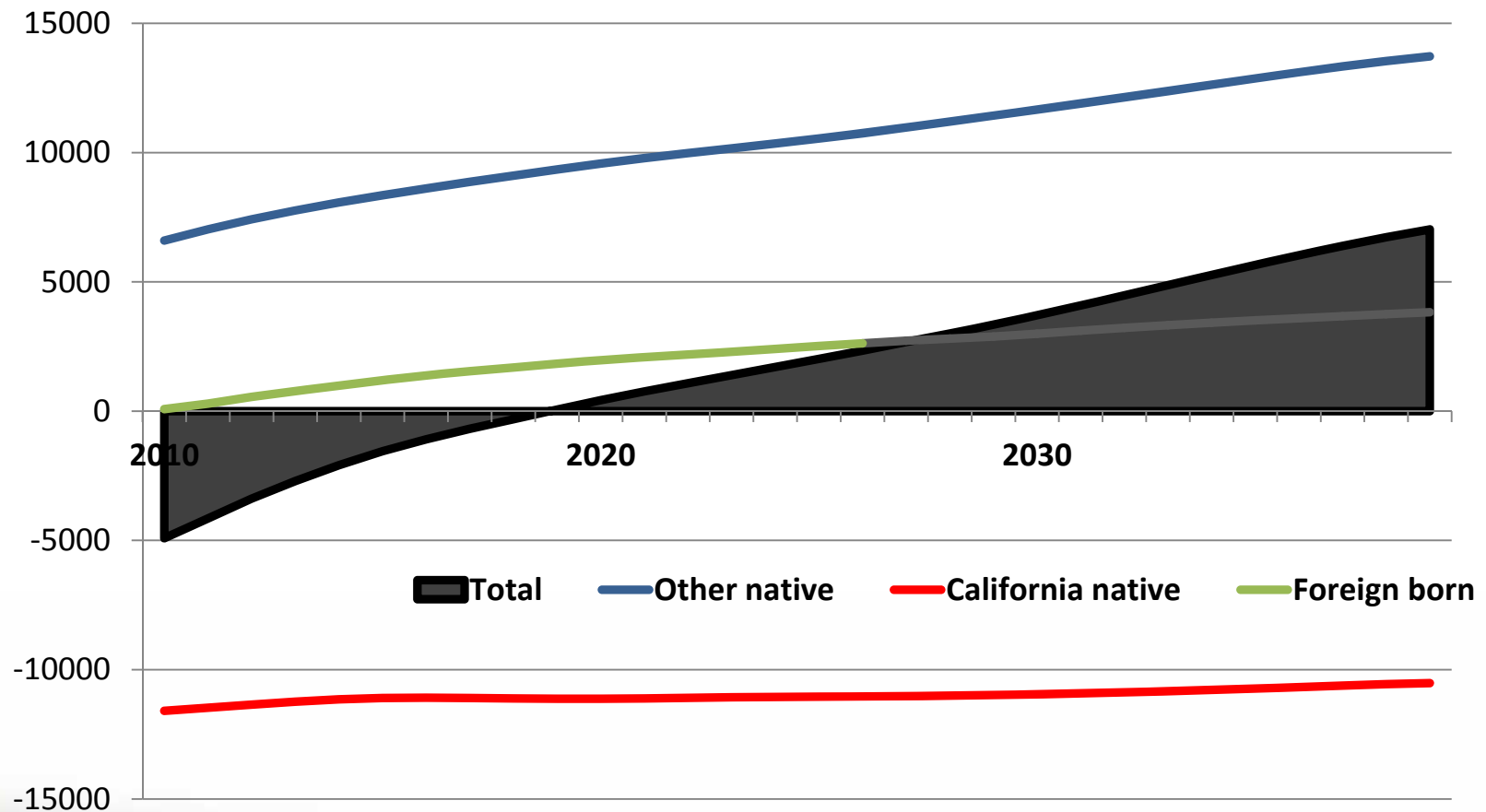
Net Domestic Migration to California 2010-2040 Projected, Asian, Pacific Islander



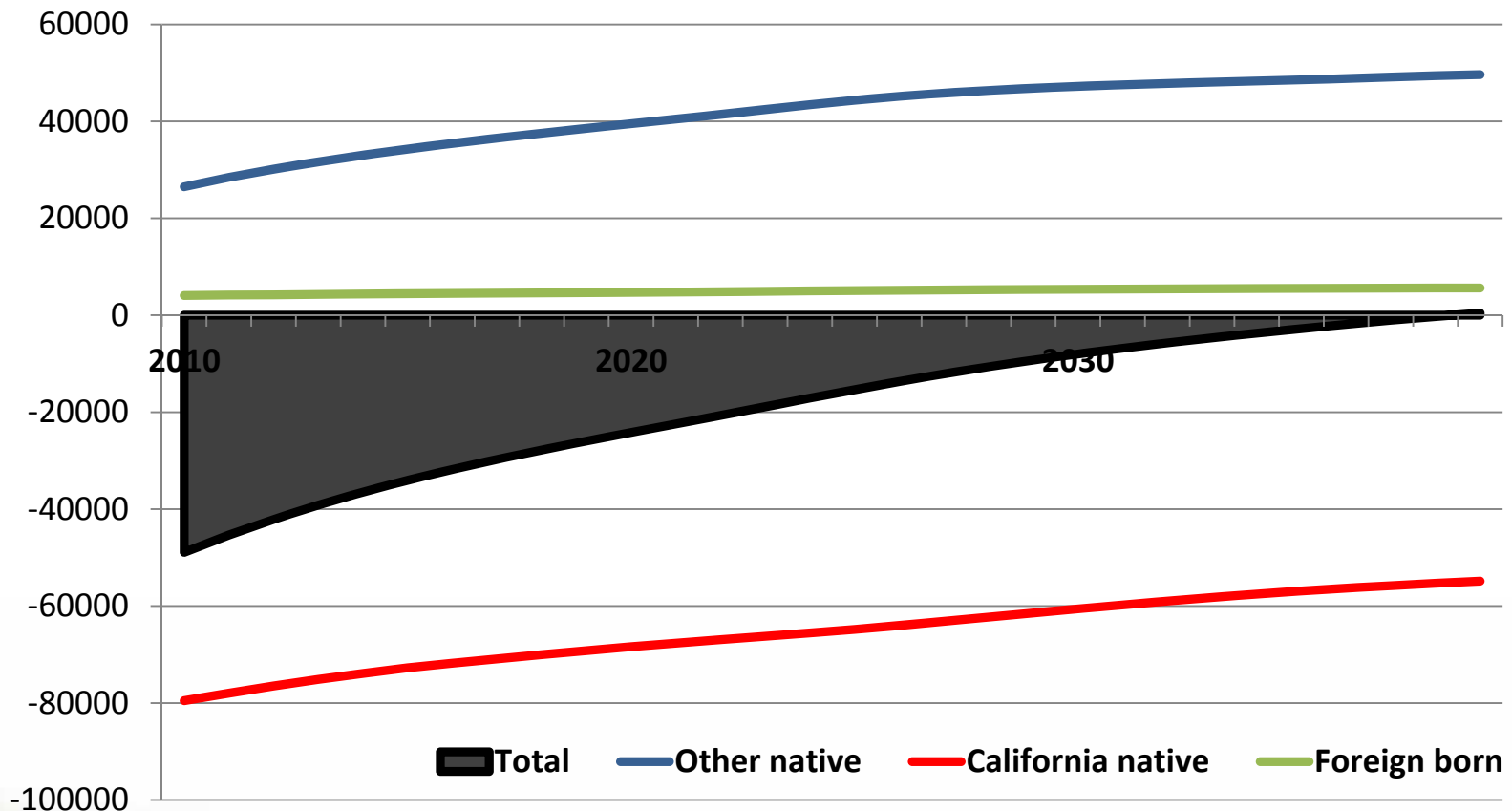
Net Domestic Migration to California 2010-2040 Projected, Non-Hispanic Black



Net Domestic Migration to California 2010-2040 Projected, Non-Hispanic Black



Net Domestic Migration to California 2010-2040 Projected, Non-Hispanic Whites



Thank You

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California Demographic Futures

reports and information on projections of California and Los Angeles County
search for “USC popdynamics projection”