

Population Growth in the Delta Region

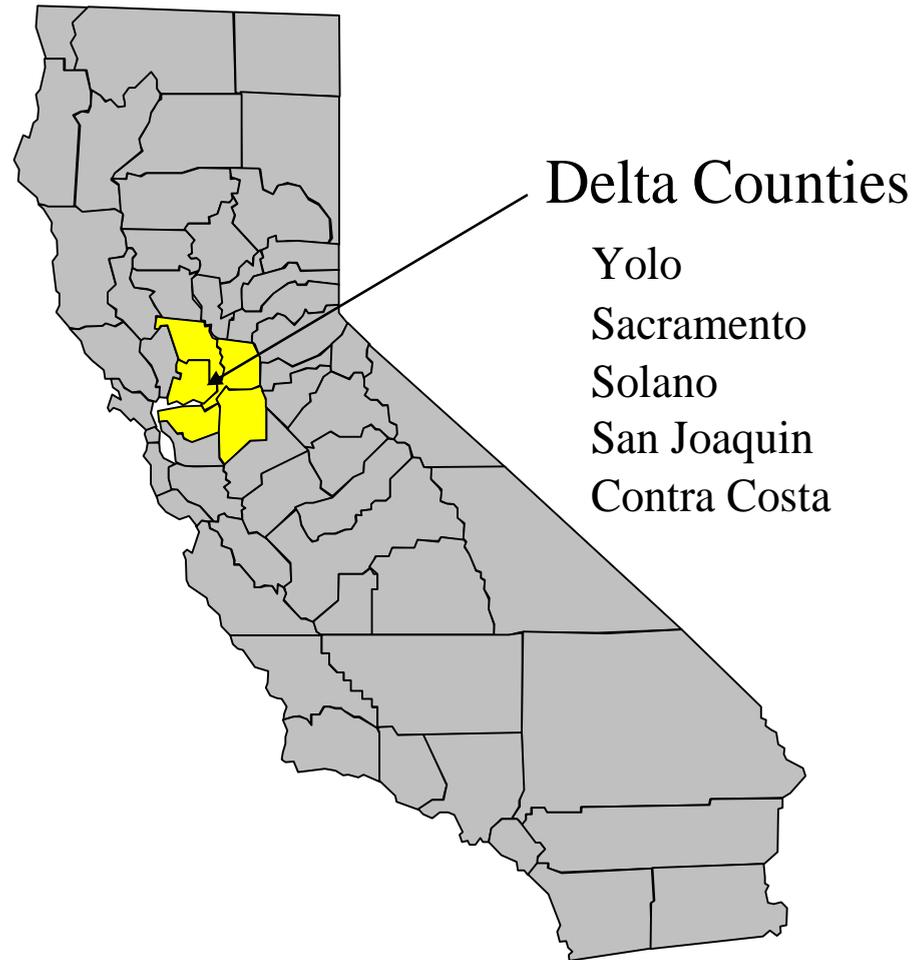
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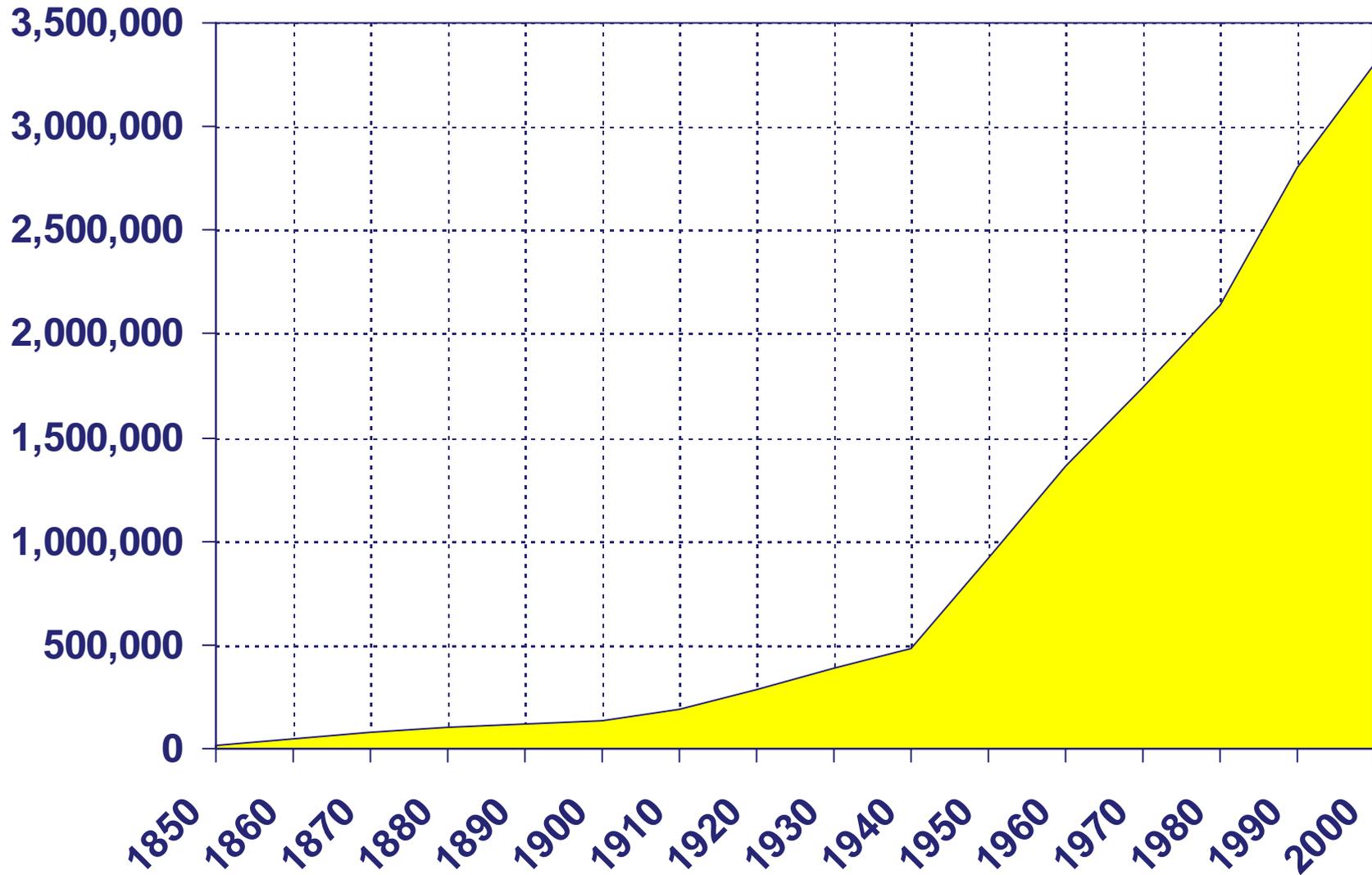
Outline

- **Population trends for the delta region**
- **Why is the population growing?**
- **Demography and disaster**

The Delta Region

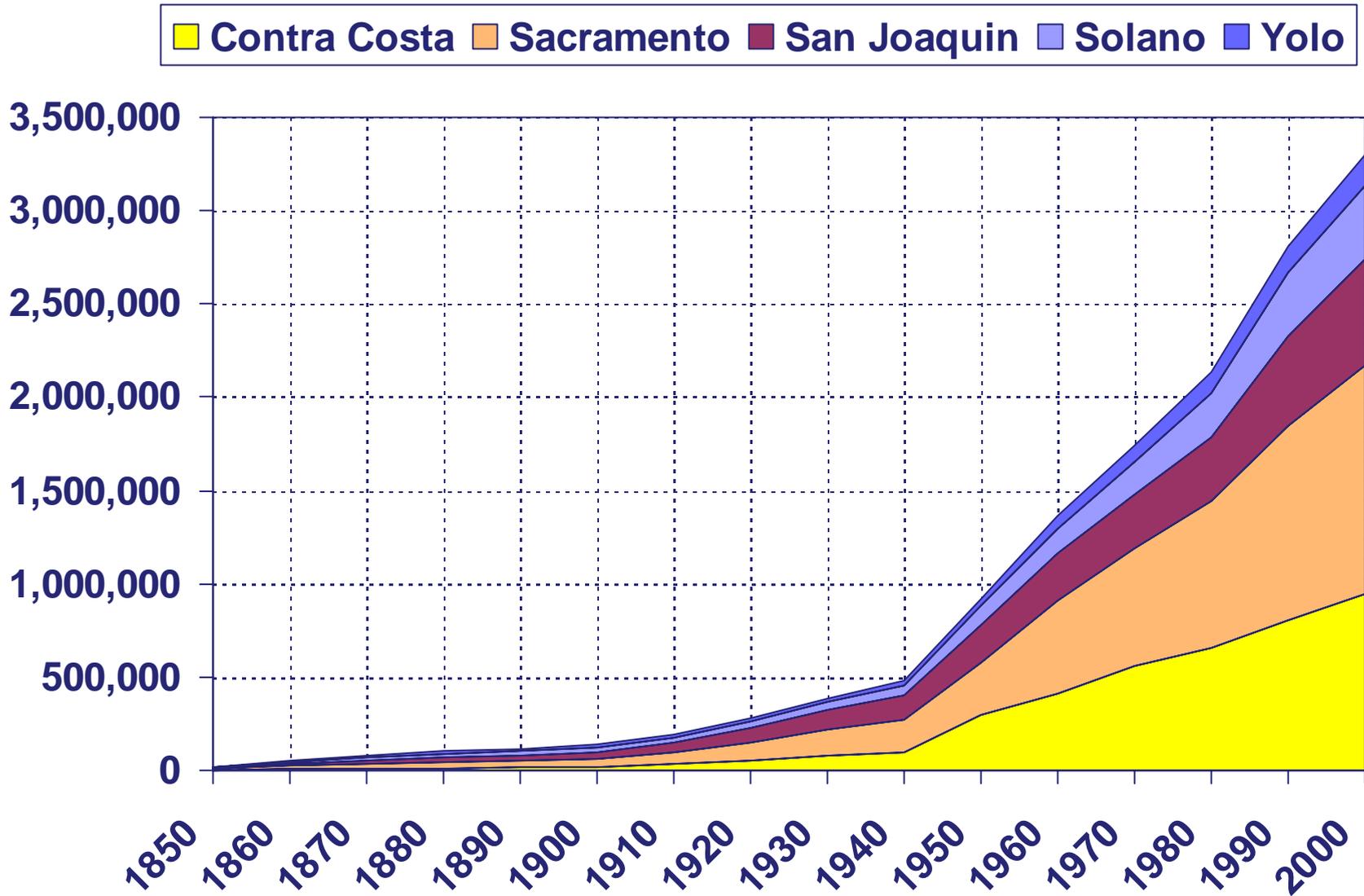


Population of the Delta Region 1850-2000



Source: Decennial censuses

Population of Delta Counties 1850-2000



Source: Decennial censuses

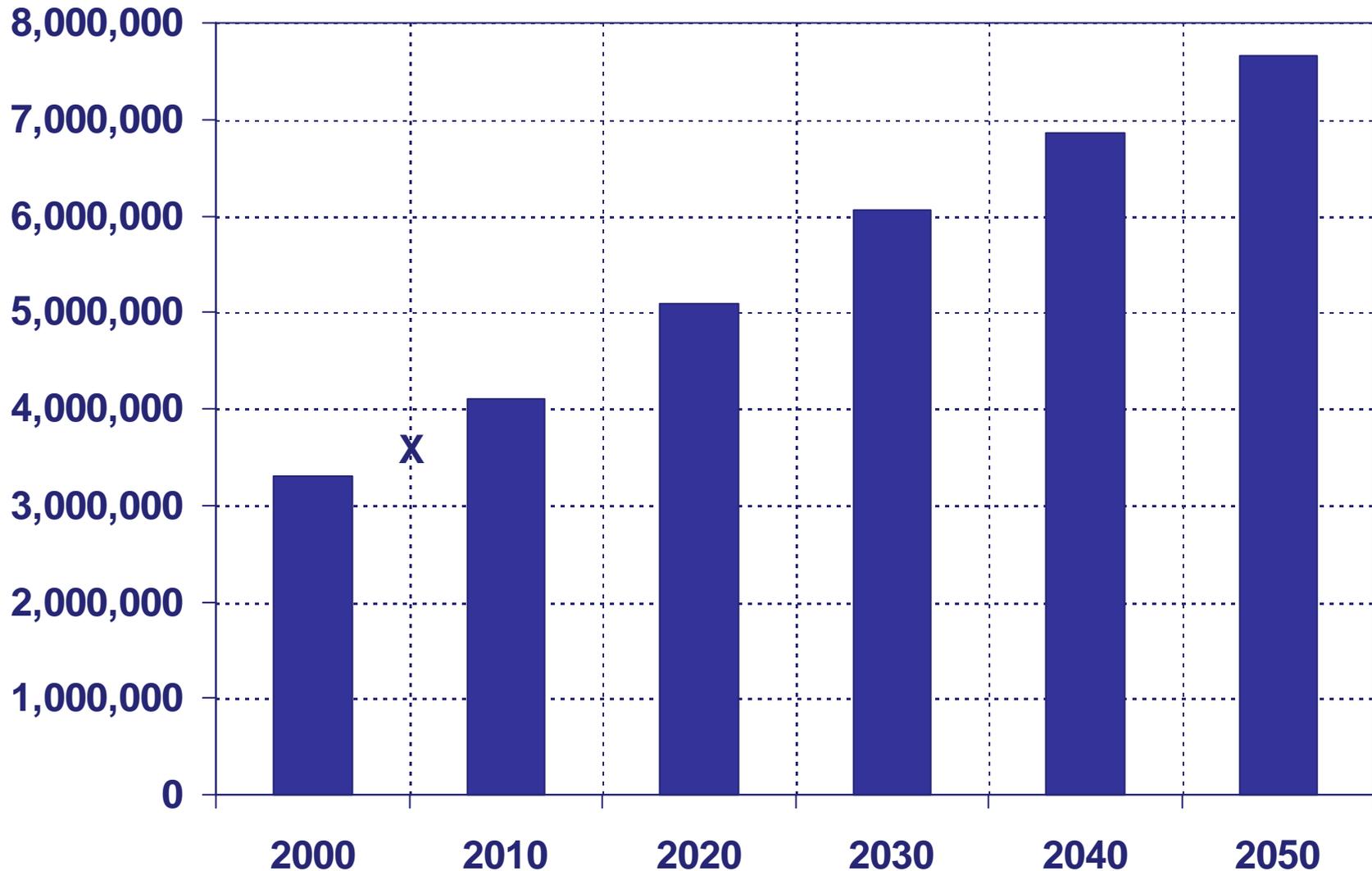
Population change for 18 cities in or adjacent to the Delta

County	City	2000	2005	% change
Contra Costa	ANTIOCH	90,532	101,049	12%
	BRENTWOOD	23,302	40,912	76%
	PITTSBURG	56,769	62,605	10%
Sacramento	ELK GROVE	70,000	121,609	74%
	GALT	19,472	22,955	18%
	ISLETON	828	820	-1%
	SACRAMENTO	407,018	452,959	11%
San Joaquin	LATHROP	10,445	12,565	20%
	LODI	57,011	62,467	10%
	MANTECA	49,255	61,927	26%
	STOCKTON	243,771	279,513	15%
	TRACY	56,929	78,307	38%
Solano	DIXON	16,103	17,179	7%
	FAIRFIELD	96,178	105,026	9%
	RIO VISTA	4,571	6,837	50%
	SUISUN CITY	26,118	27,716	6%
	VACAVILLE	88,642	96,735	9%
Yolo	WEST SACRAMENTO	31,615	40,206	27%

Growth in the region is concentrated in cities within or adjacent to the delta

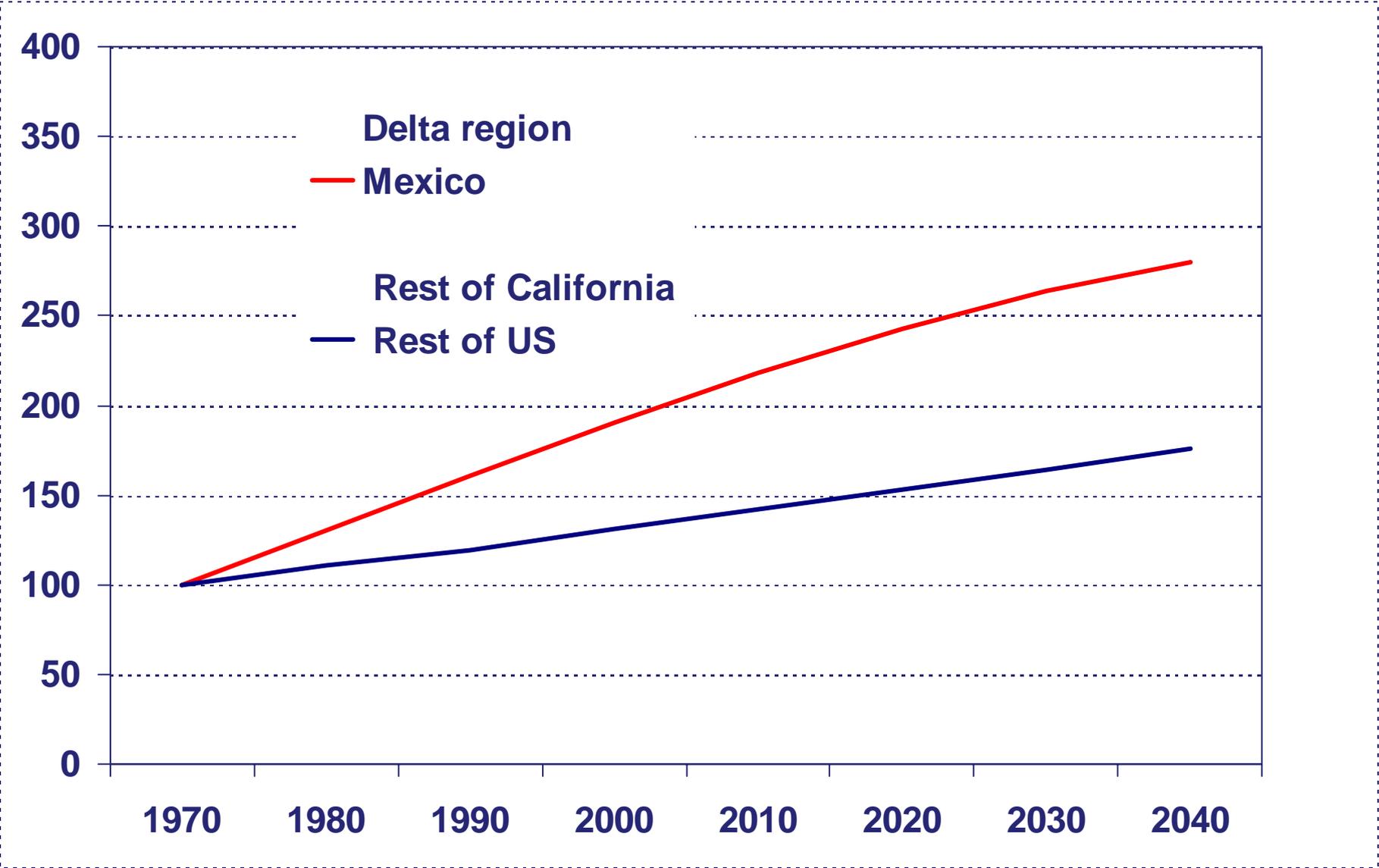
	2000	2005	% change
Delta cities (18)	1,348,559	1,591,387	18%
Contra Costa	170,603	204,566	20%
Sacramento	497,318	598,343	20%
San Joaquin	417,411	494,779	19%
Solano	231,612	253,493	9%
Yolo	31,615	40,206	27%
Rest of delta region counties	1,950,944	2,062,099	6%
Contra Costa	778,213	816,332	5%
Sacramento	726,181	771,512	6%
San Joaquin	146,187	158,554	8%
Solano	163,318	168,164	3%
Yolo	137,045	147,537	8%
Rest of California	30,573,583	33,156,872	8%

Projected Population of Delta Counties 2000-2050



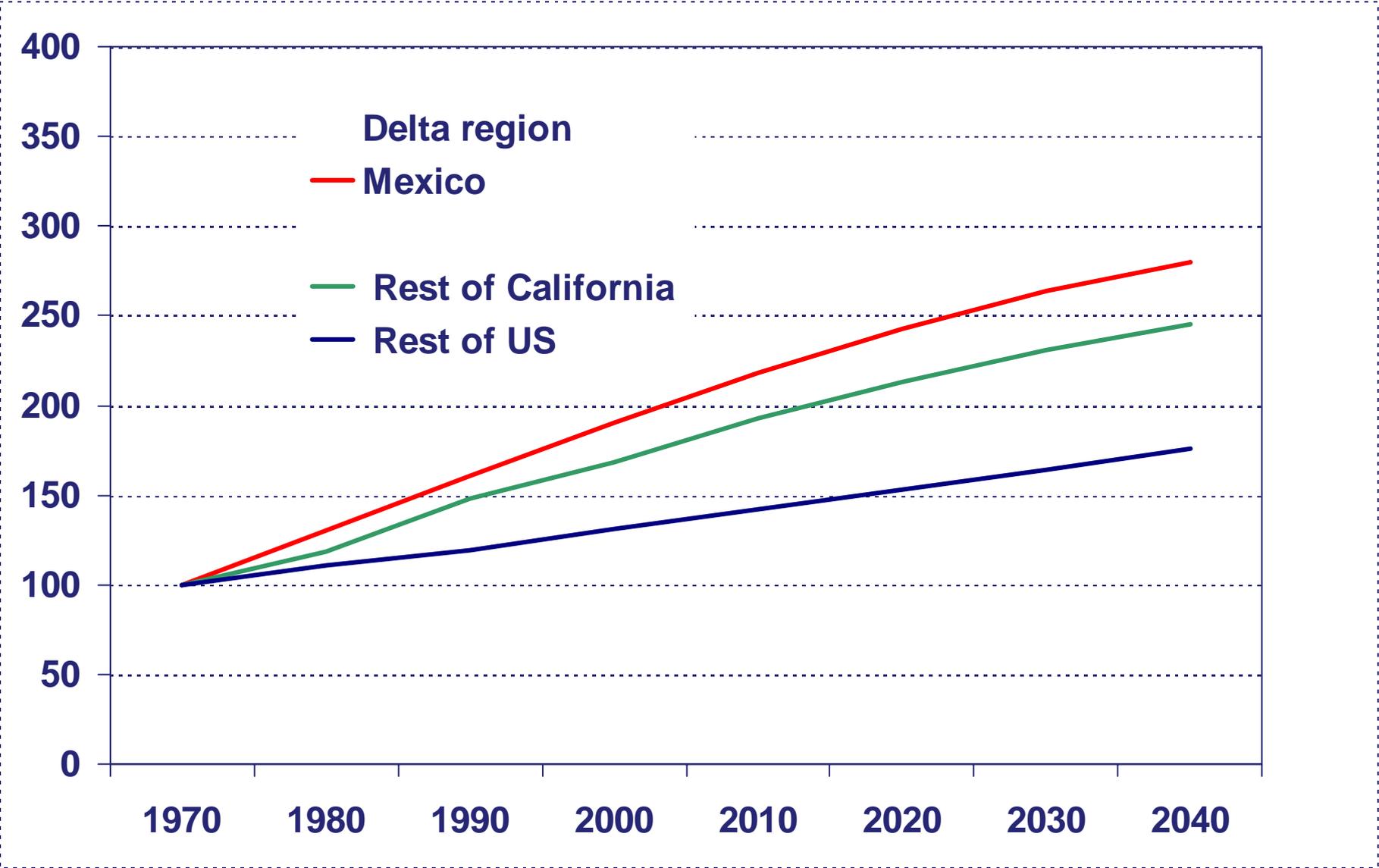
Comparisons of Population Change

1970 population = 100



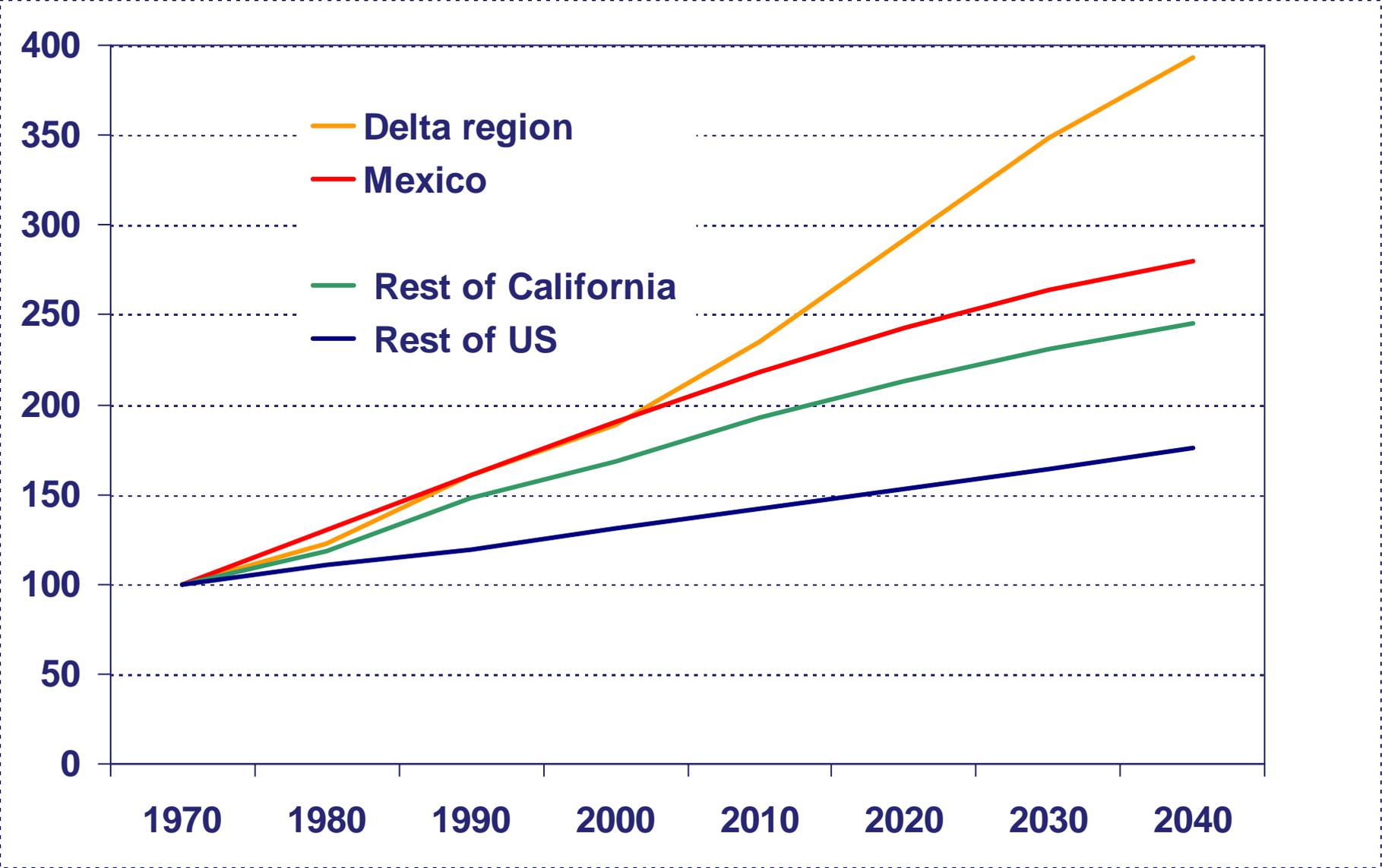
Comparisons of Population Change

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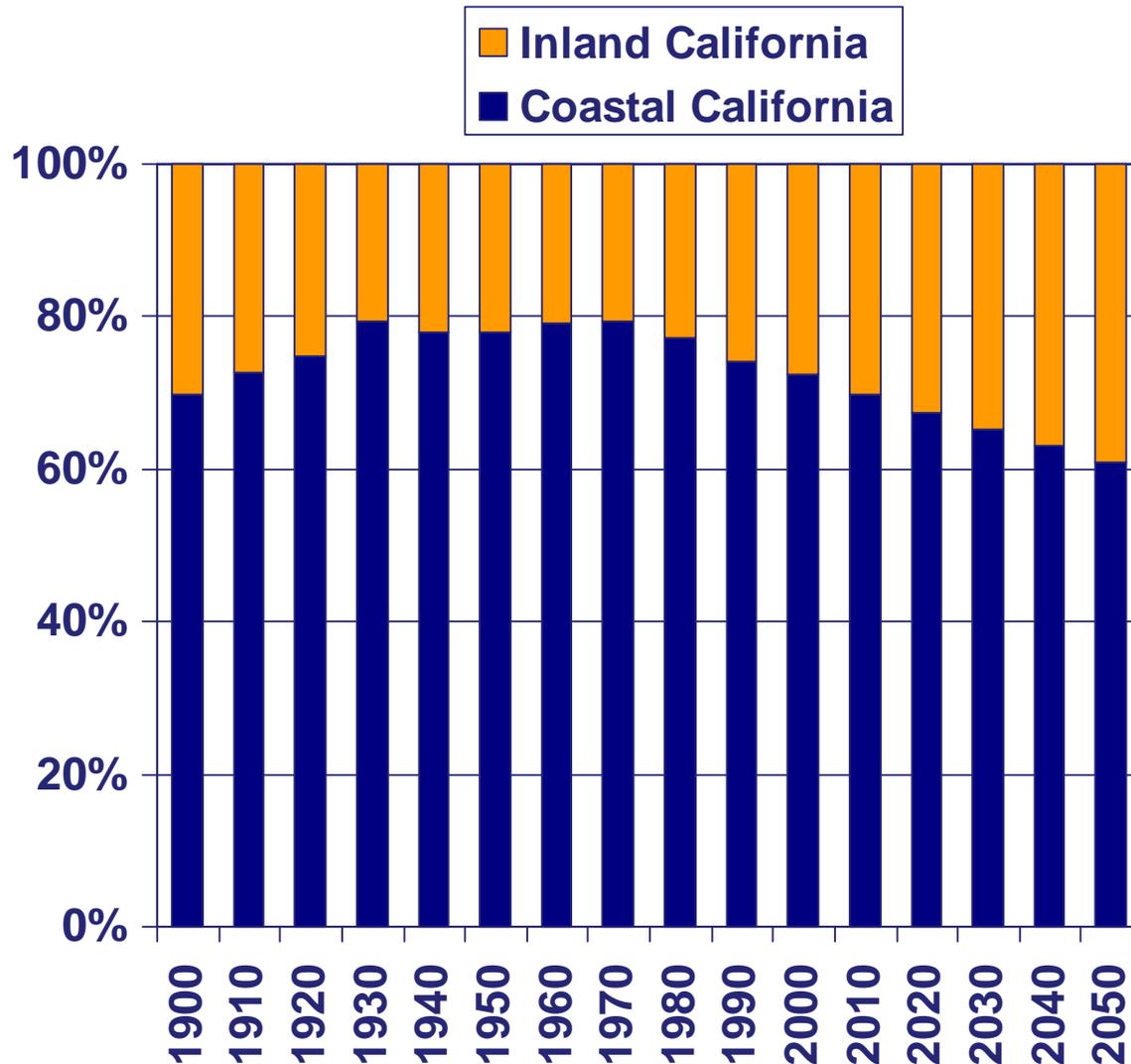
Demographic projections

- **Methods:** Fertility, mortality, and migration are projected based on past trends and local input.
- Migration is the most volatile and uncertain component.
- 2004 DOF projections are 12 percent lower statewide than their 1998 projections...
- ...but are 17 percent *higher* for the Delta region.

Outline

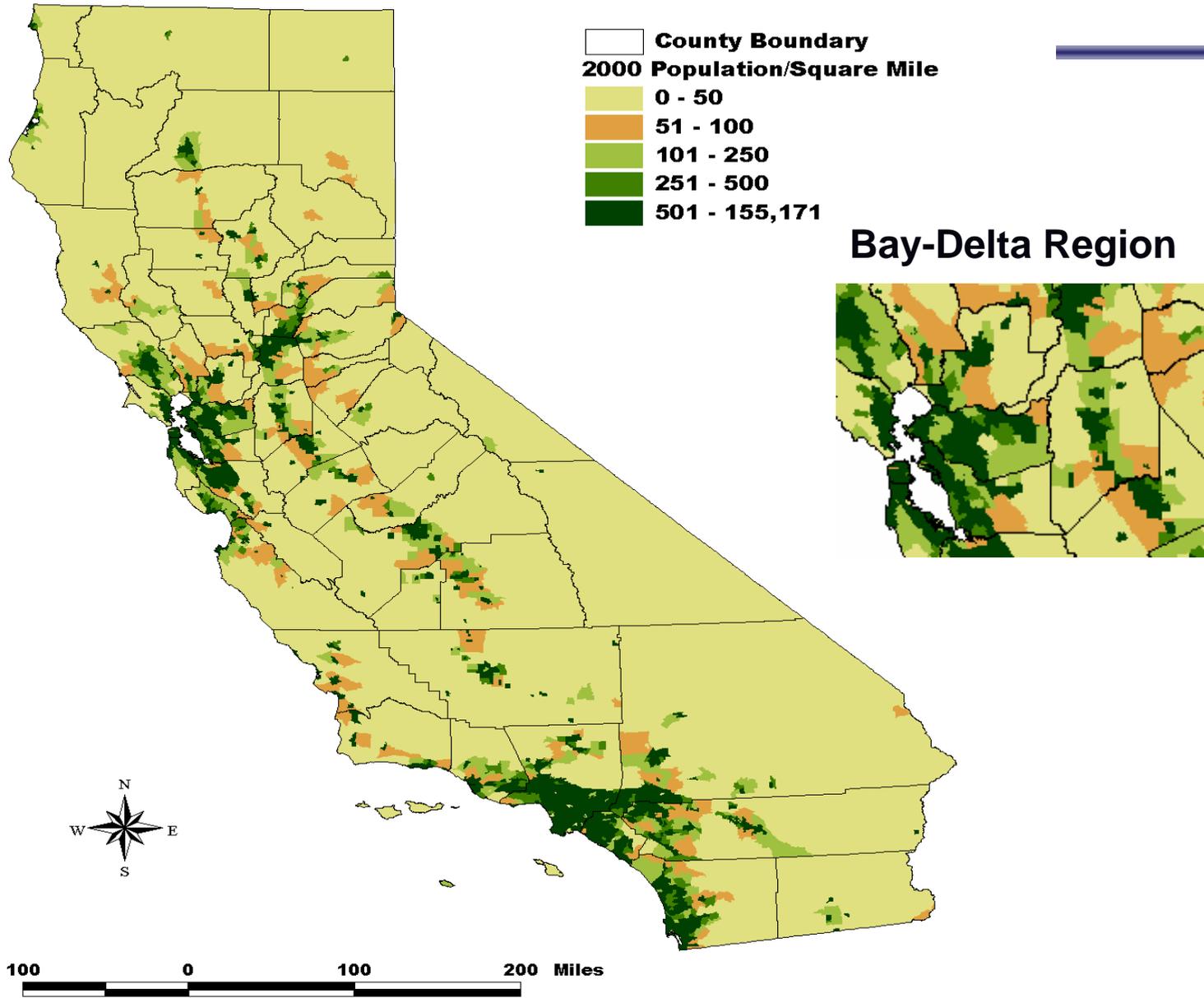
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Regional Population Distribution: Inland Areas Increasing Share



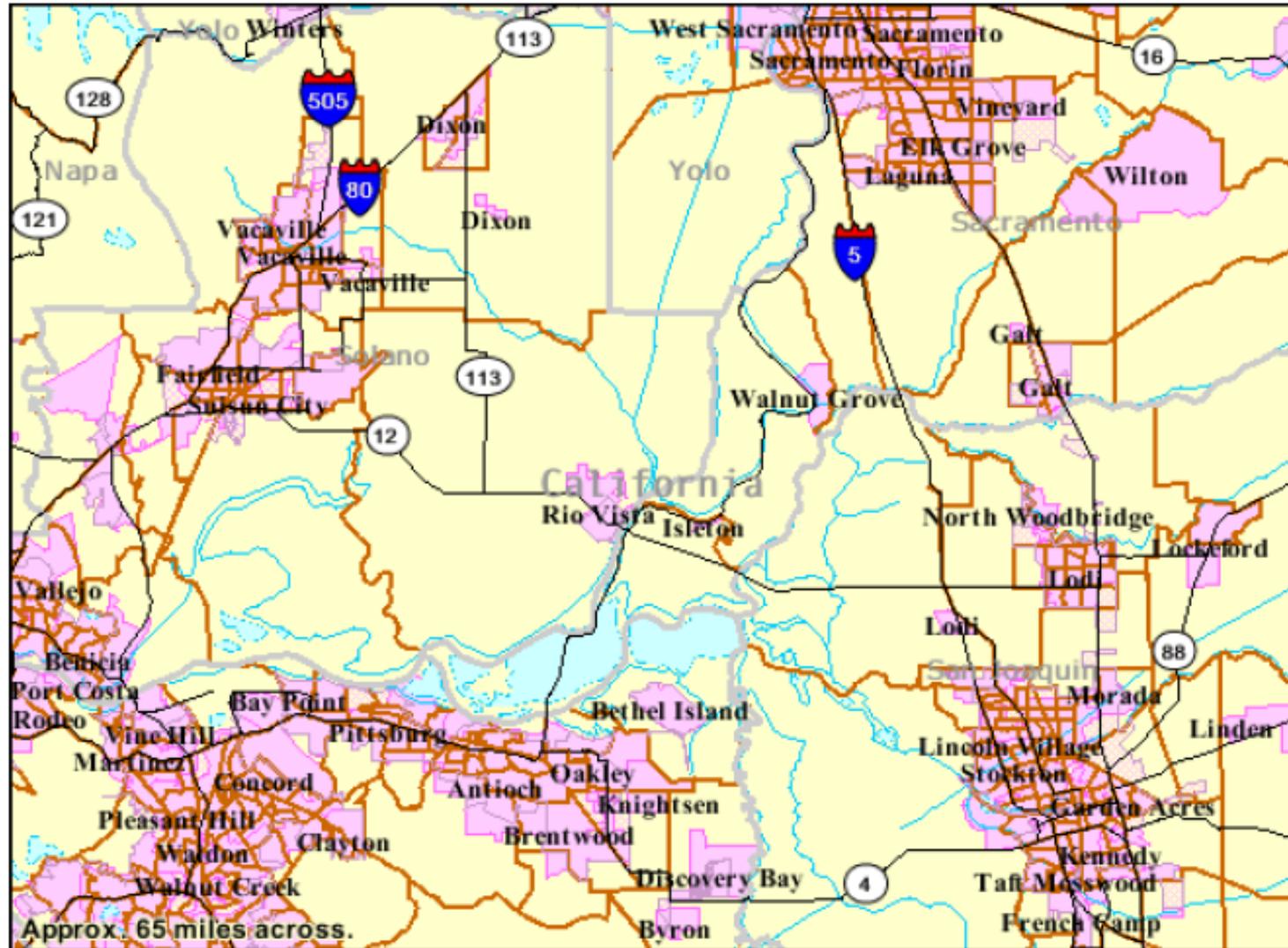
Source: 2004 California Department of Finance projections

2000 Population Density California by County



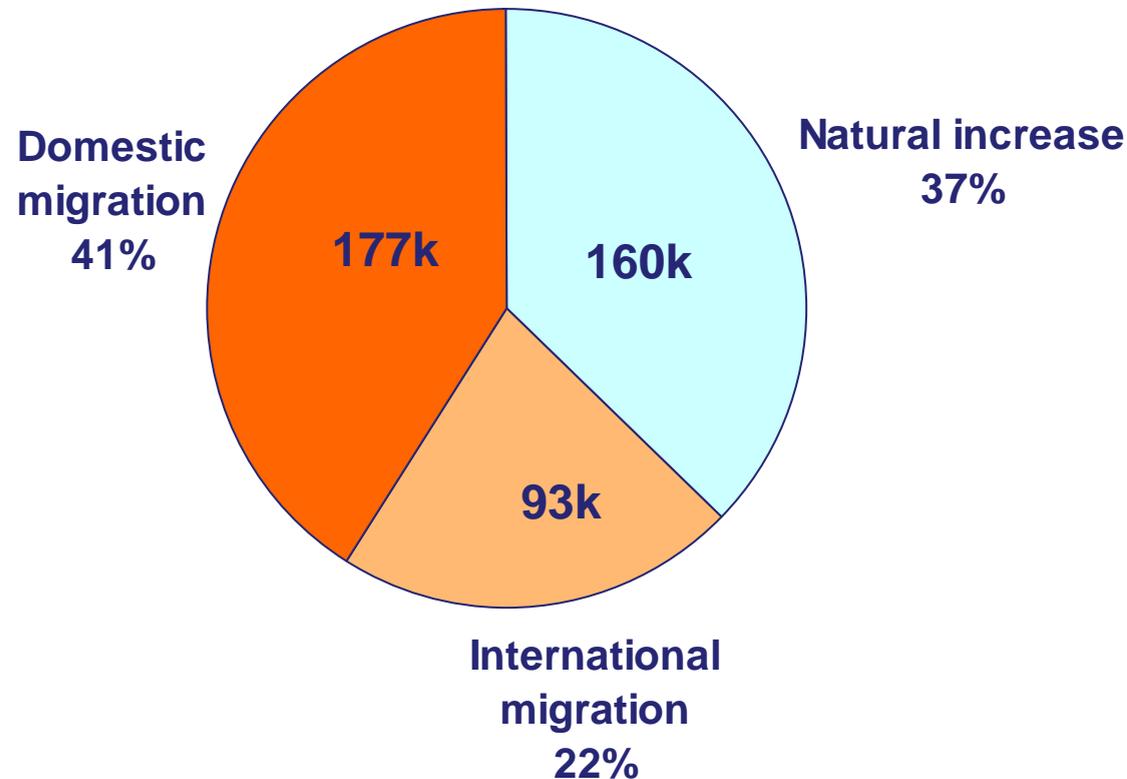
Source: 2000 US Census, map prepared by the California DEPARTMENT OF FINANCE, Demographic Research Unit

Proximity to large urban areas



Migration is the primary driver of growth

Total Change 2000-2005: 430,000



Why are people moving to the Delta region?

- **Housing**

Median price of single family homes sold in 2006:

Sacramento County \$366k

San Joaquin County \$430k

San Francisco County \$762k

- **Jobs**

- **Relatively strong job growth in Sacramento area**

- **Commuters from the northern San Joaquin Valley**

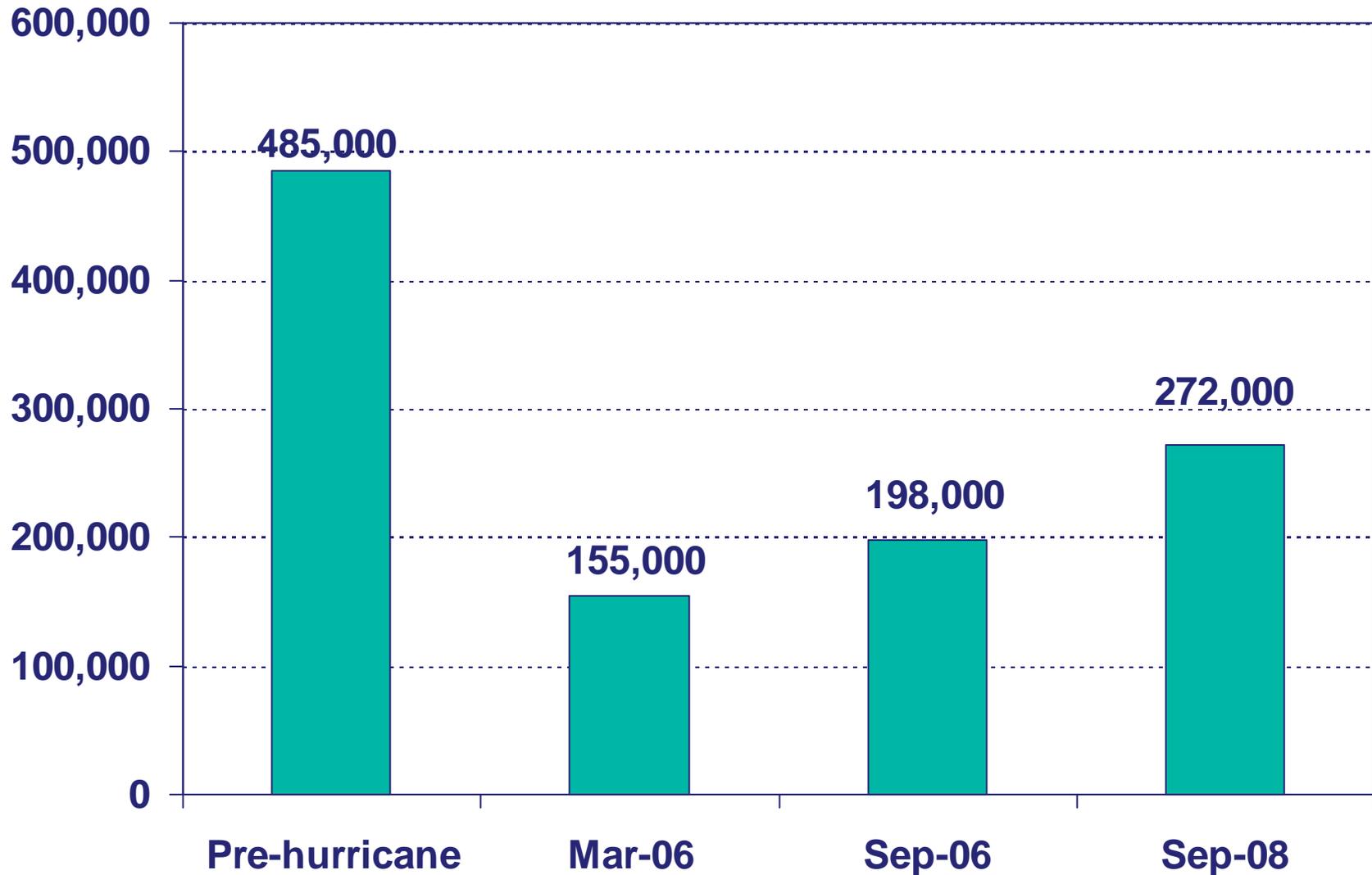
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Demographic effects of natural disasters

- **Generally, effects are short-term with little or no long-term consequences**
- **Loma Prieta analysis for California showed only a very localized impact**
- **New Orleans appears to be an exception**

RAND estimates and projections for New Orleans



Futures market for New Orleans population in 2010

The Claim

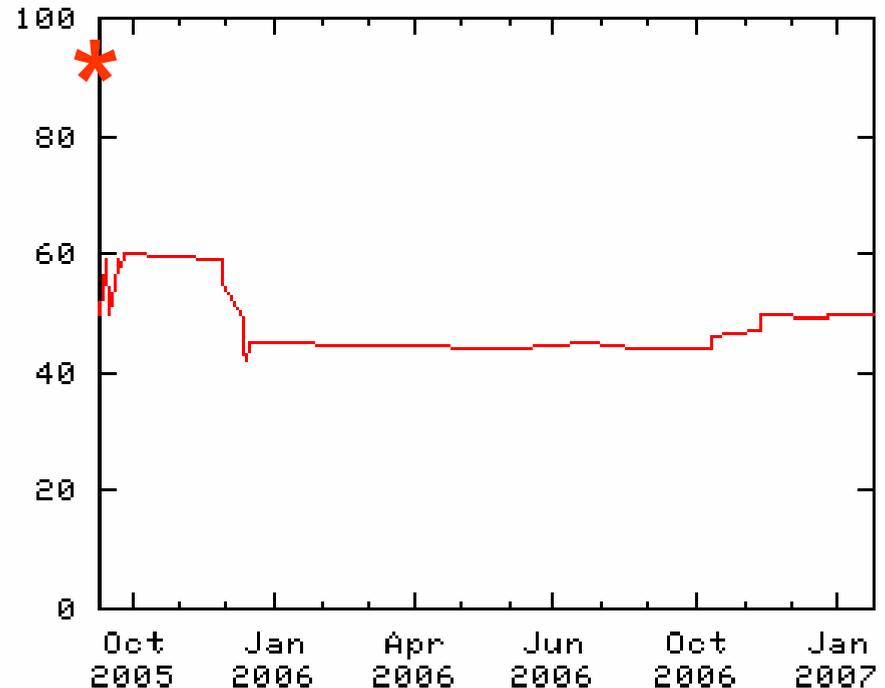
This is a scaled claim that pays $(\text{NOPop2010} / 500,000)$ where NOPop2010 is the 2010 U.S. Census population for the city of New Orleans.

Sample payout for various 2010 populations:

- 0 - 0
- 100,000 - 20
- 200,000 - 40
- 300,000 - 60
- 400,000 - 80
- 500,000 or above - 100

Historical population of New Orleans (U.S. Census):

- 2000 - 484,674
- 1990 - 496,938
- 1980 - 557,927
- 1970 - 593,471



Source: Foresight Exchange Prediction Market

Summary

- **The Delta is in the middle of Northern California's large urban centers**
- **Population growth has been most rapid in cities near or in the delta**
- **Local demographic changes are driven by local land-use decisions**