



IHS Markit™

How Long Can LA's Growth Last?

NABE Los Angeles

Thursday, September 14, 2017

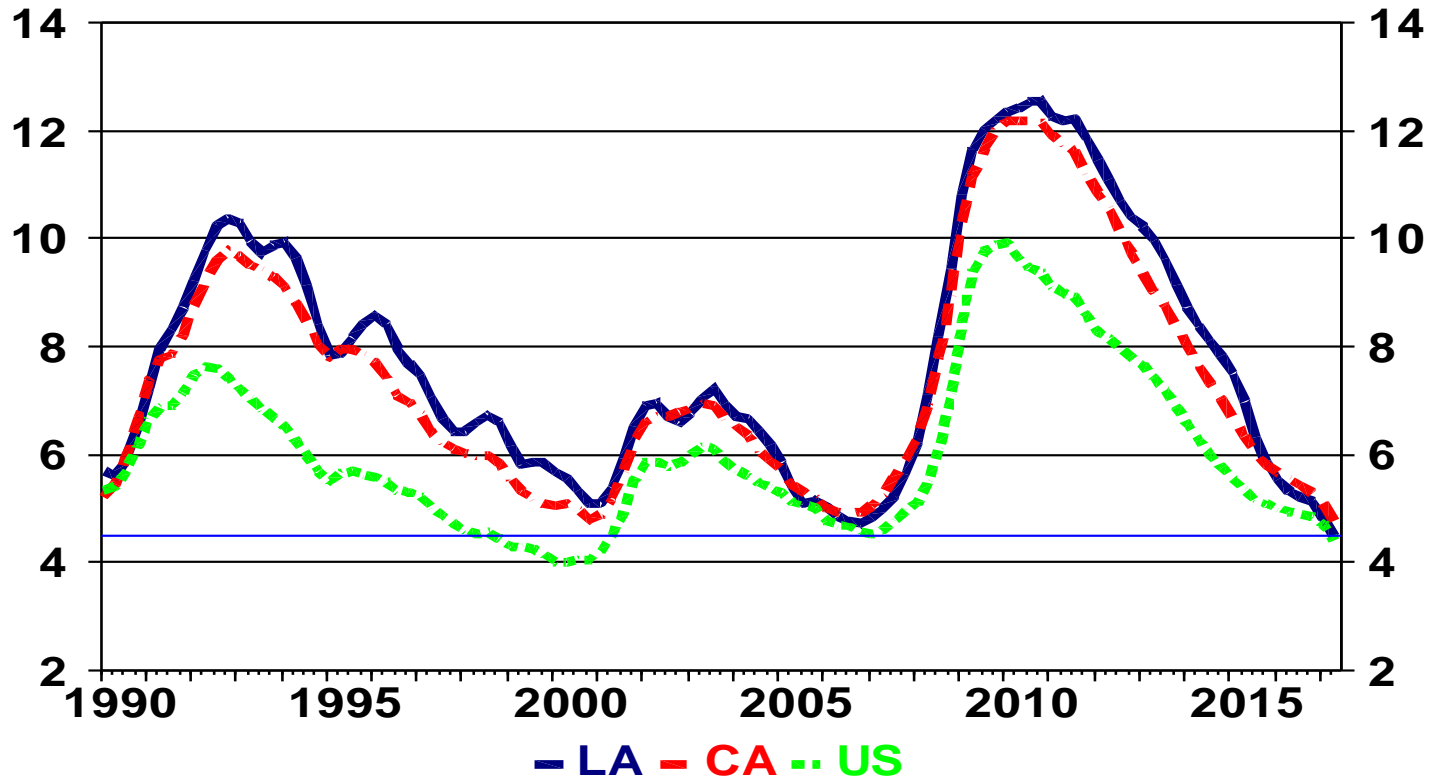
Jim Diffley

Executive Director

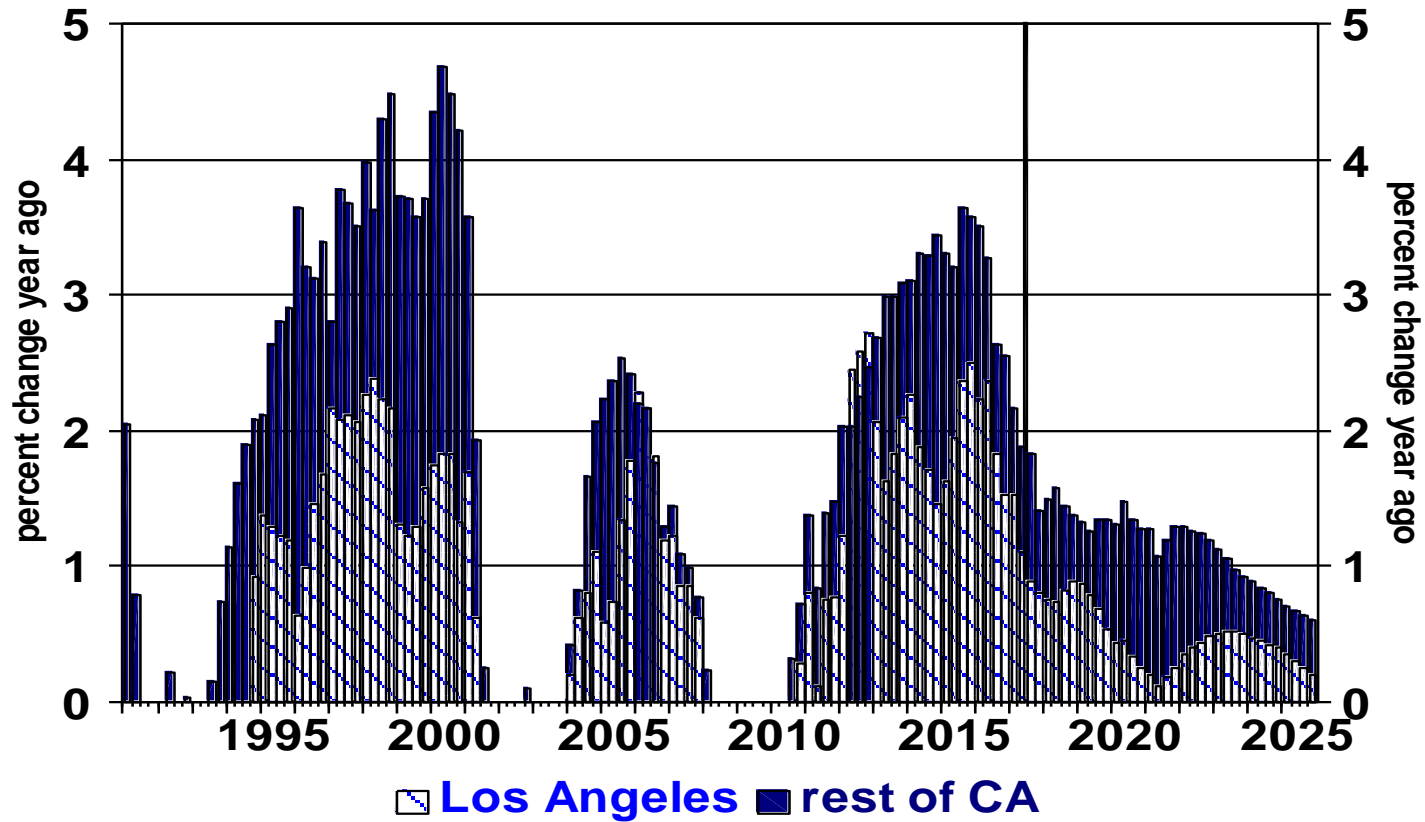
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jim.diffley@ihsmarkit.com

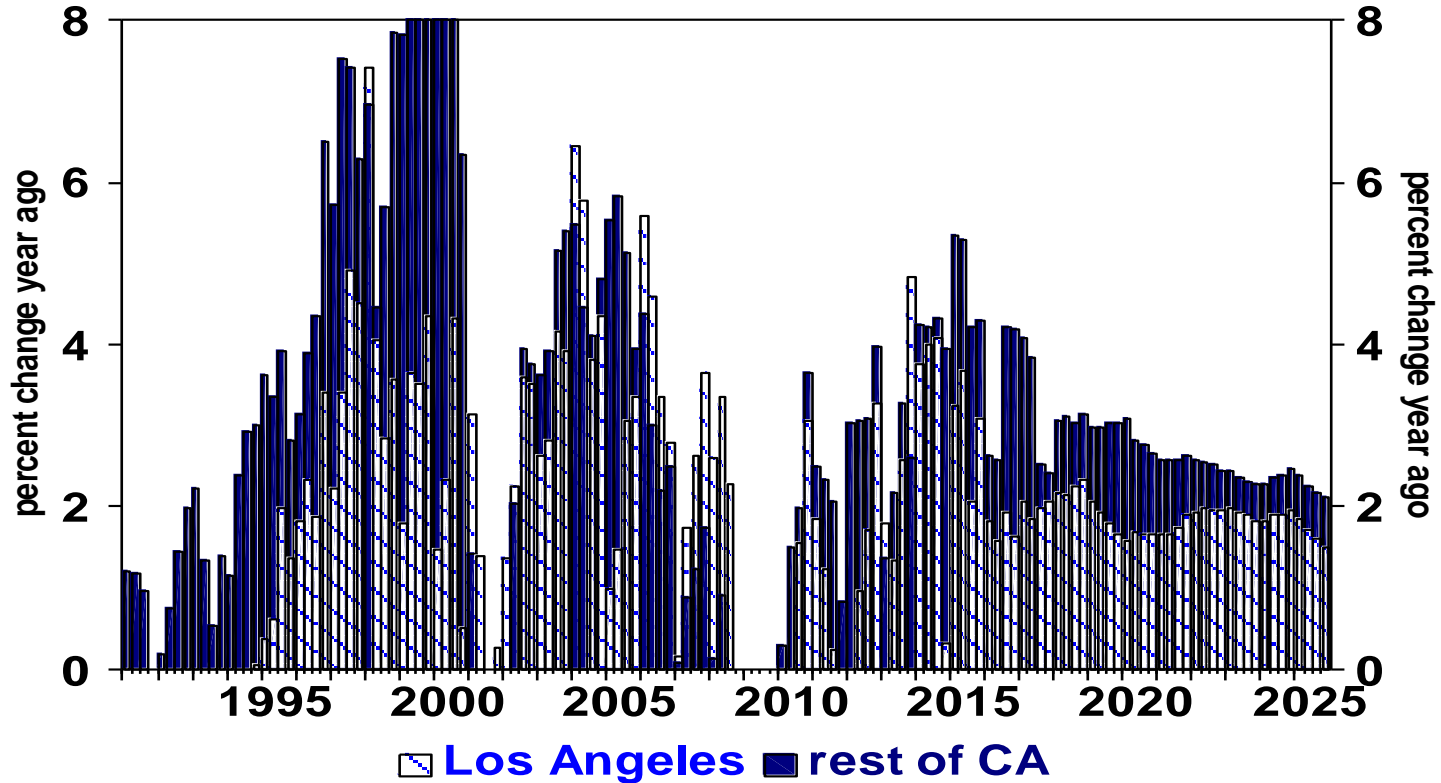
Unemployment at Record Low



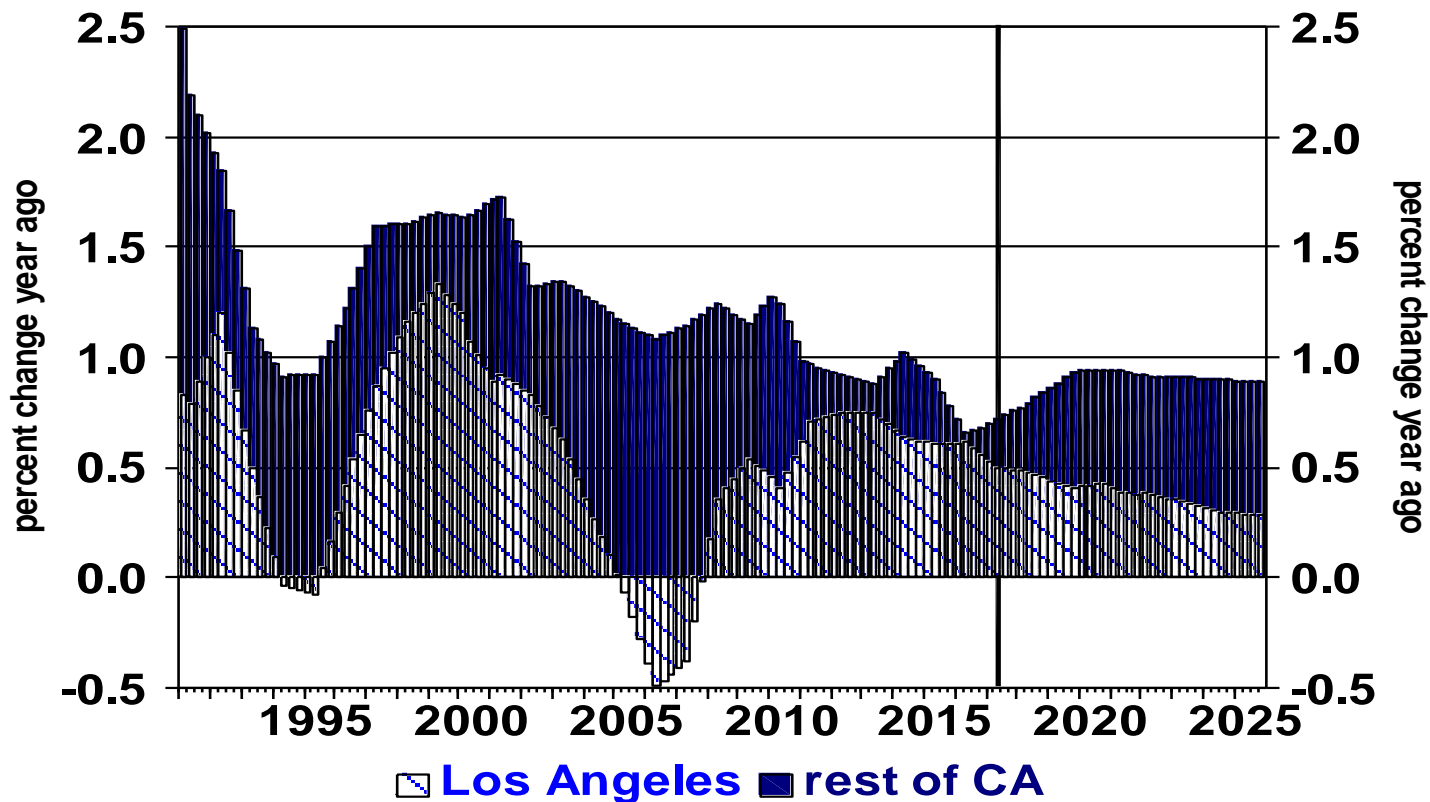
Employment since 1990



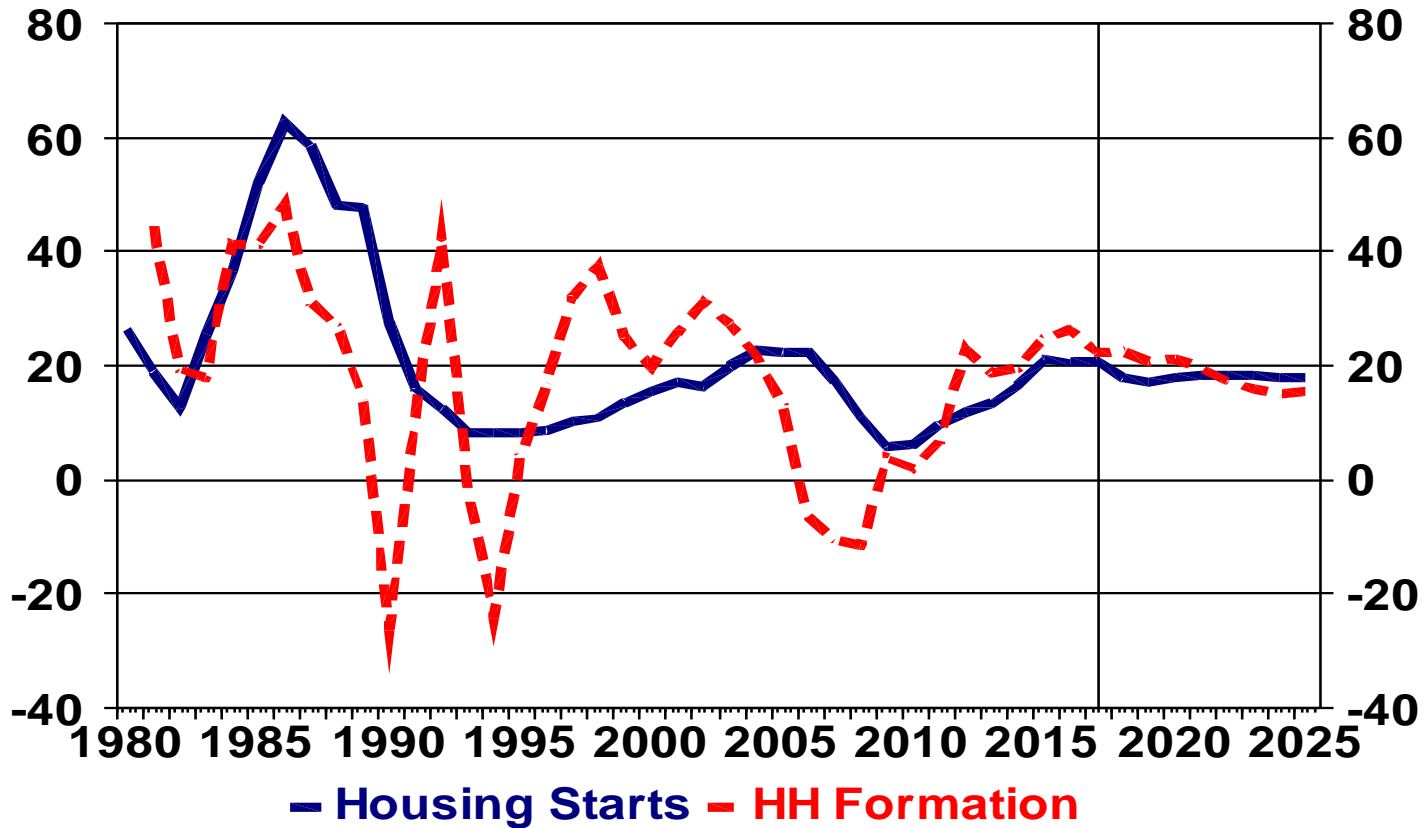
GDP



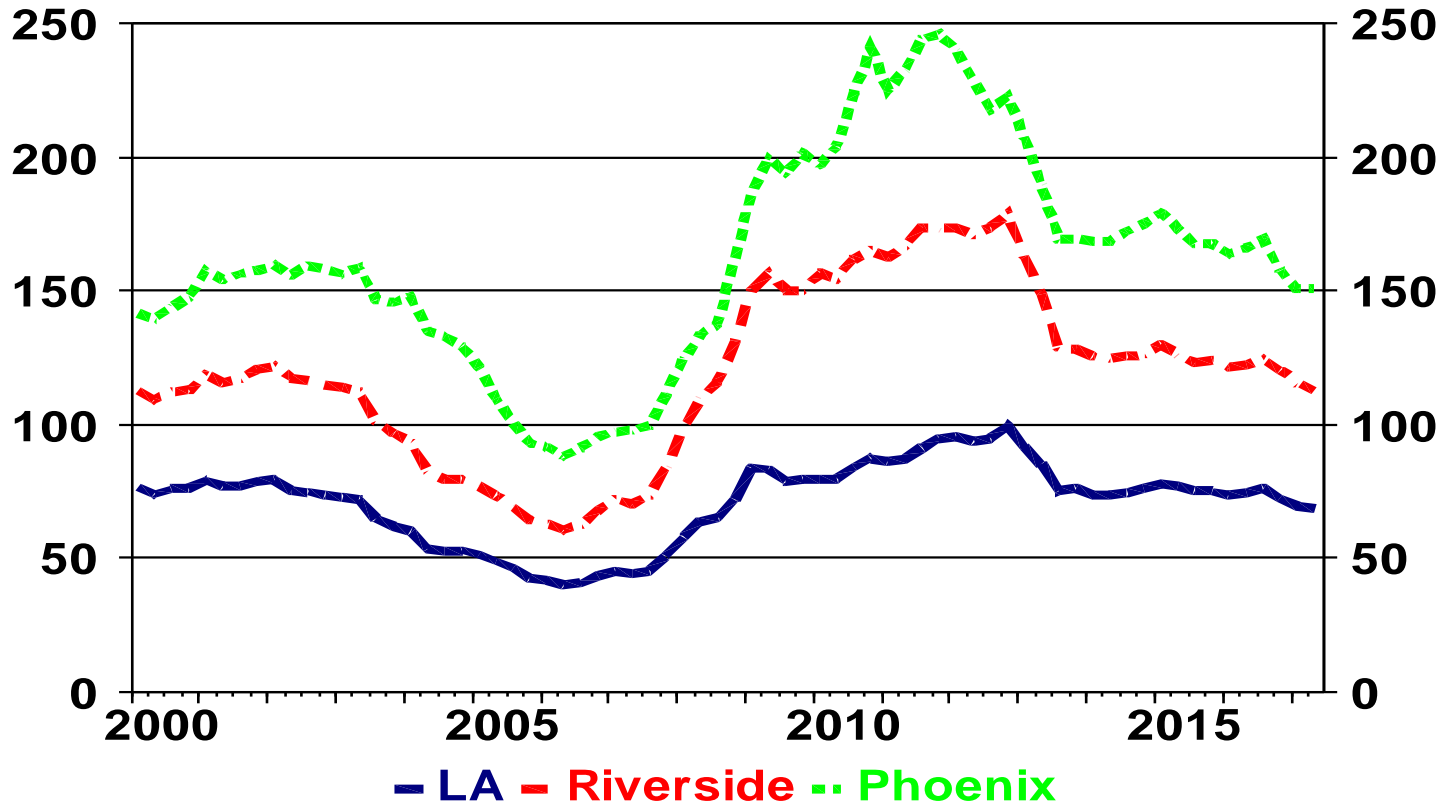
Population



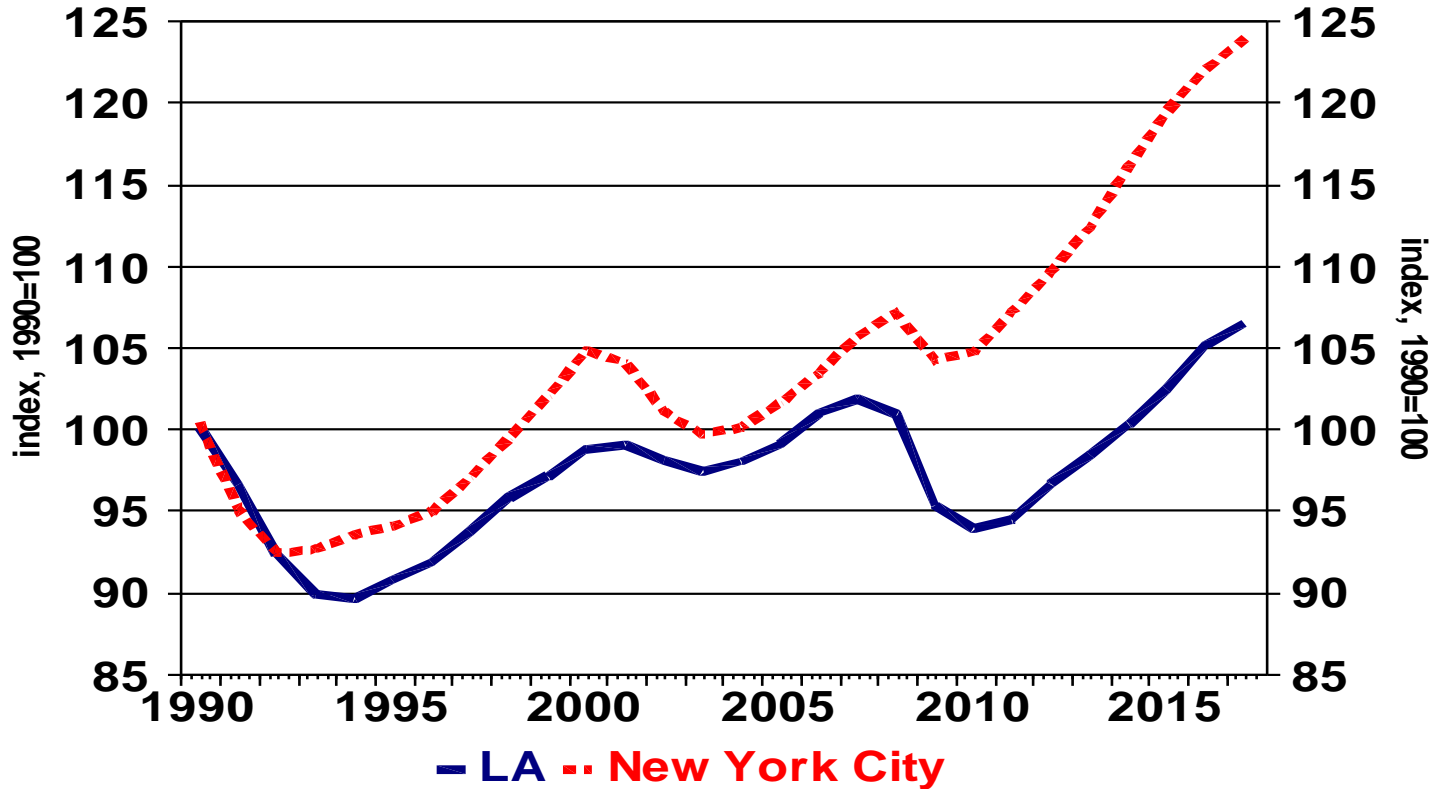
Housing



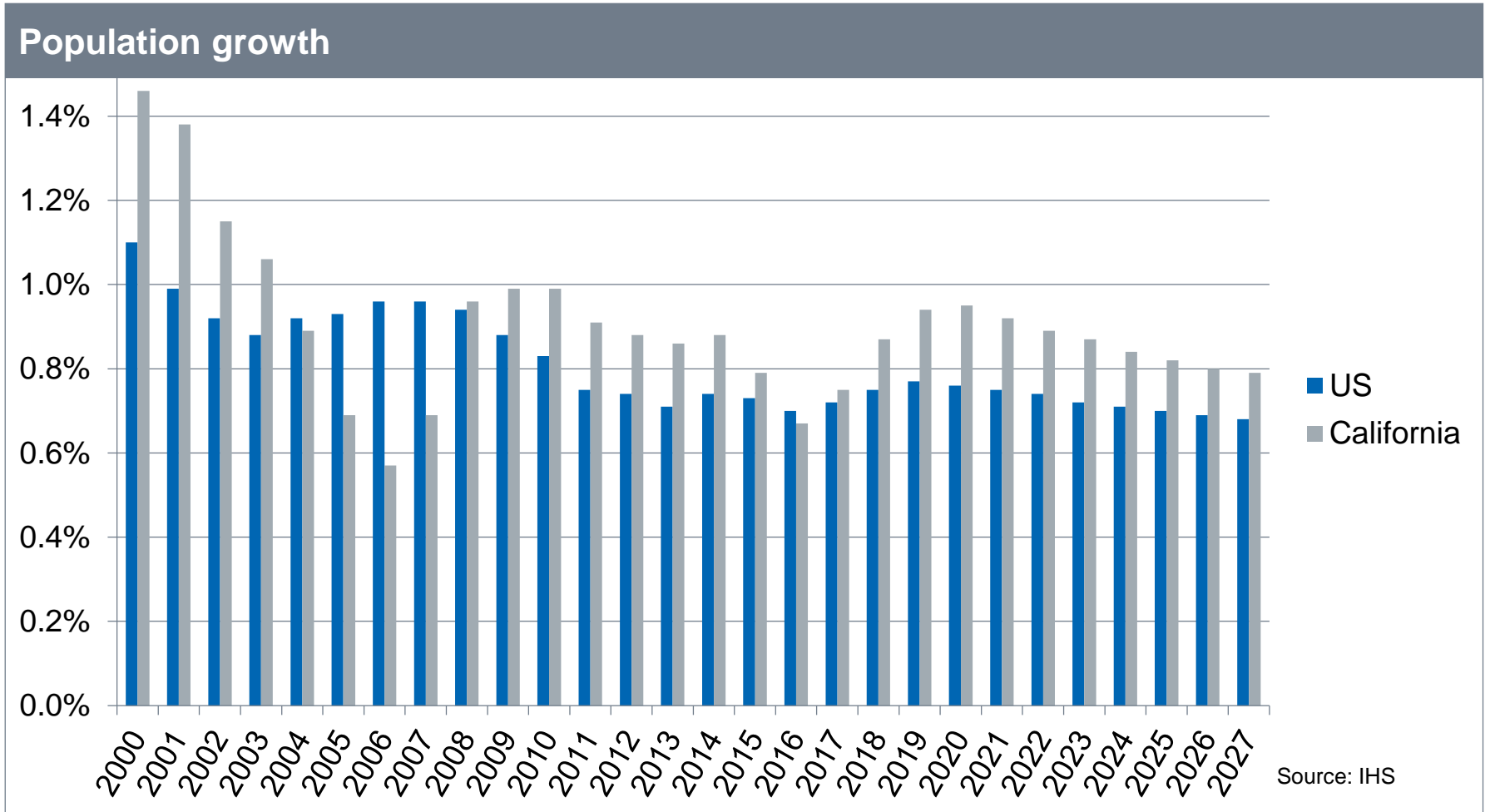
Housing Affordability



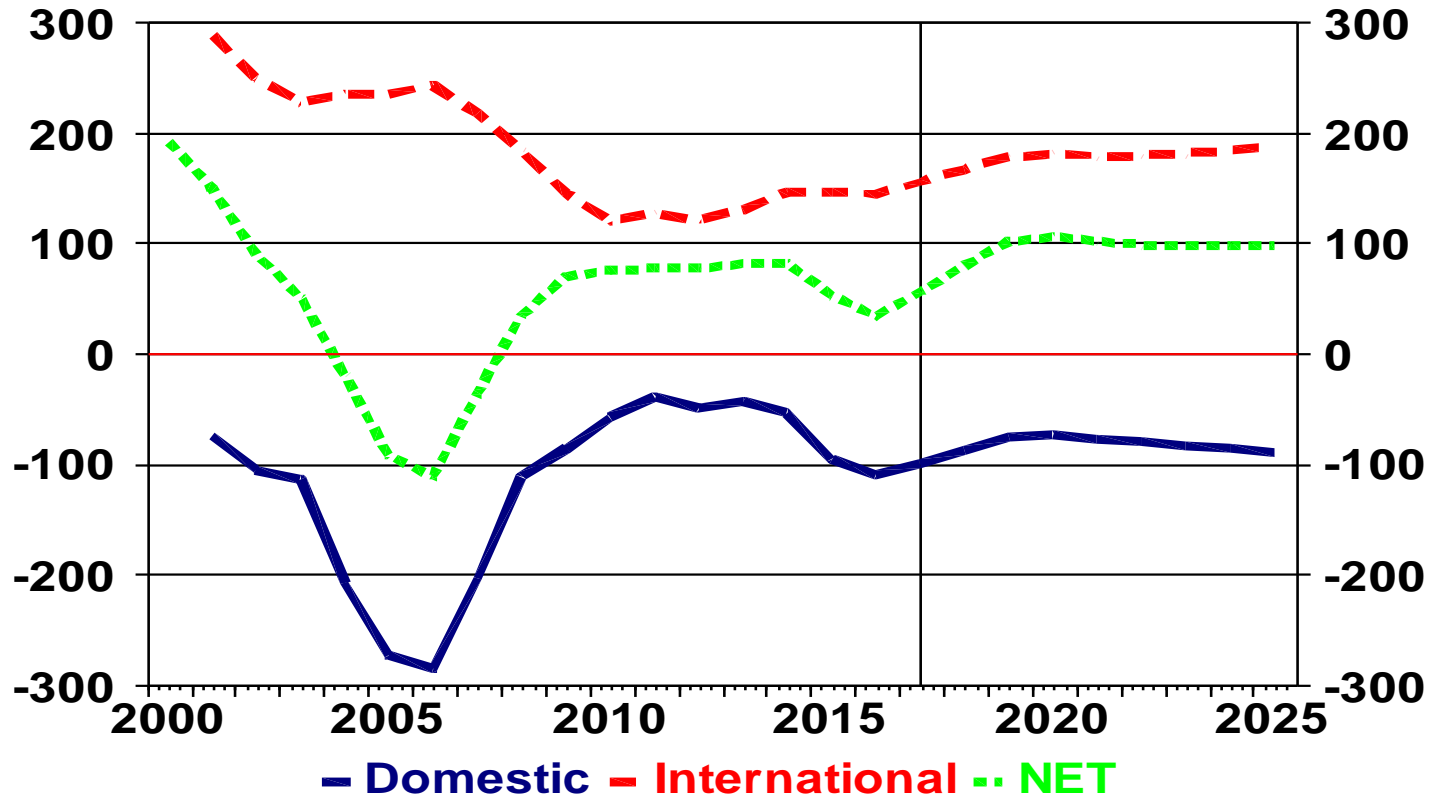
New York has Out-Performed This Decade (jobs)



Population gains will continue to outpace US



Migration - California



Population Growth in the Next 30 Years (Thous.)

	2016	2046	% Chg.
New York-Newark-Jersey City, NY-NJ-PA	20,181	20,705	2.6
Los Angeles-Long Beach-Anaheim, CA	13,347	14,863	11.4
Dallas-Fort Worth-Arlington, TX	7,246	11,383	57.1
Houston-The Woodlands-Sugar Land, TX	6,803	10,628	56.2
Chicago-Naperville-Elgin, IL-IN-WI	9,517	10,280	8.0
Atlanta-Sandy Springs-Roswell, GA	5,804	8,629	48.7
Miami-Fort Lauderdale-West Palm Beach, FL	6,090	8,101	33.0
Washington-Arlington-Alex, DC-VA-MD-WV	6,147	7,851	27.7
Phoenix-Mesa-Scottsdale, AZ	4,678	7,847	67.8
Riverside-San Bernardino-Ontario, CA	4,518	7,155	58.4

Congestion

Most and Least Congested, Top 100 Urban Areas	
Congestion Cost Per Commuter, 2014\$	
Washington, DC-VA-MD	1,834
New York-Newark, NY-NJ-CT	1,739
Los Angeles-Long Beach-Anaheim, CA	1,711
San Francisco-Oakland, CA	1,675
Seattle, WA	1,491
Houston, TX	1,490
Chicago, IL-IN	1,445
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Laredo, TX	496
Fresno, CA	495
Brownsville, TX	494
Oxnard, CA	494
Winston-Salem, NC	415

Cost of Doing Business

San Francisco, CA	130.5
New York City, NY	126.5
Washington DC	123.8
San Diego, CA	122.1
Los Angeles, CA	121.5
Boston, MA	117.2
Seattle, WA	116.4
Trenton, NJ	114.4
Miami, FL	110.4
Riverside-San Bernardino, CA	109.9

High Tech Jobs

	2006	2016	2026	2006-16	2016-26
Metro Total	391,768	394,871	411,701	0.1%	0.4%
California	1,391,255	1,589,528	1,853,852	1.3%	1.6%
US Total	8,356,834	9,403,480	10,947,747	1.2%	1.5%

Dell Global WE Cities Rankings 2017

CITIES IN RANKING ORDER



Comparison of US Cities

METRO AREA	OVERALL RANK	OPERATING ENVIRONMENT RANK	MARKETS	TALENT	CAPITAL	ENABLING ENVIRONMENT RANK	CULTURE	TECHNOLOGY
New York	1	1	1	6	2	1	1	4
Bay Area	2	2	2	8	1	7	6	7
BOSTON	4	4	12	3	4	11	12	9
LOS ANGELES	6	8	21	14	5	9	7	12
Washington, DC	7	5	9	1	15	19	22	16
CHICAGO	13	6	4	11	8	22	28	11
Seattle	10	9	6	20	18	8	14	6
MINNEAPOLIS	14	10	19	4	25	16	10	28
Austin	15	20	16	23	24	13	39	1
PORTLAND (OR)	20	24	17	28	35	18	26	13
PITTSBURGH	23	28	20	30	40	24	20	24
ATLANTA	18	16	18	15	32	25	21	27
HOUSTON	27	14	15	13	19	38	41	29
MIAMT/FT. LAUDERDALE	32	32	35	18	43	31	45	8

Other economic and policy risks in California

- Immigration policy
- Trade policy
- Inequality
- Water