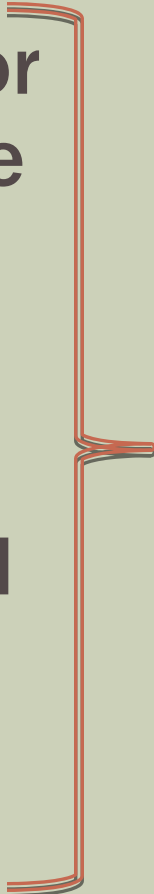


CALIFORNIA AND THE ECONOMICS OF HEALTH CARE REFORM

Jay Bhattacharya
Stanford University
March 2011

HEALTH INSURANCE REFORM IN A NUTSHELL

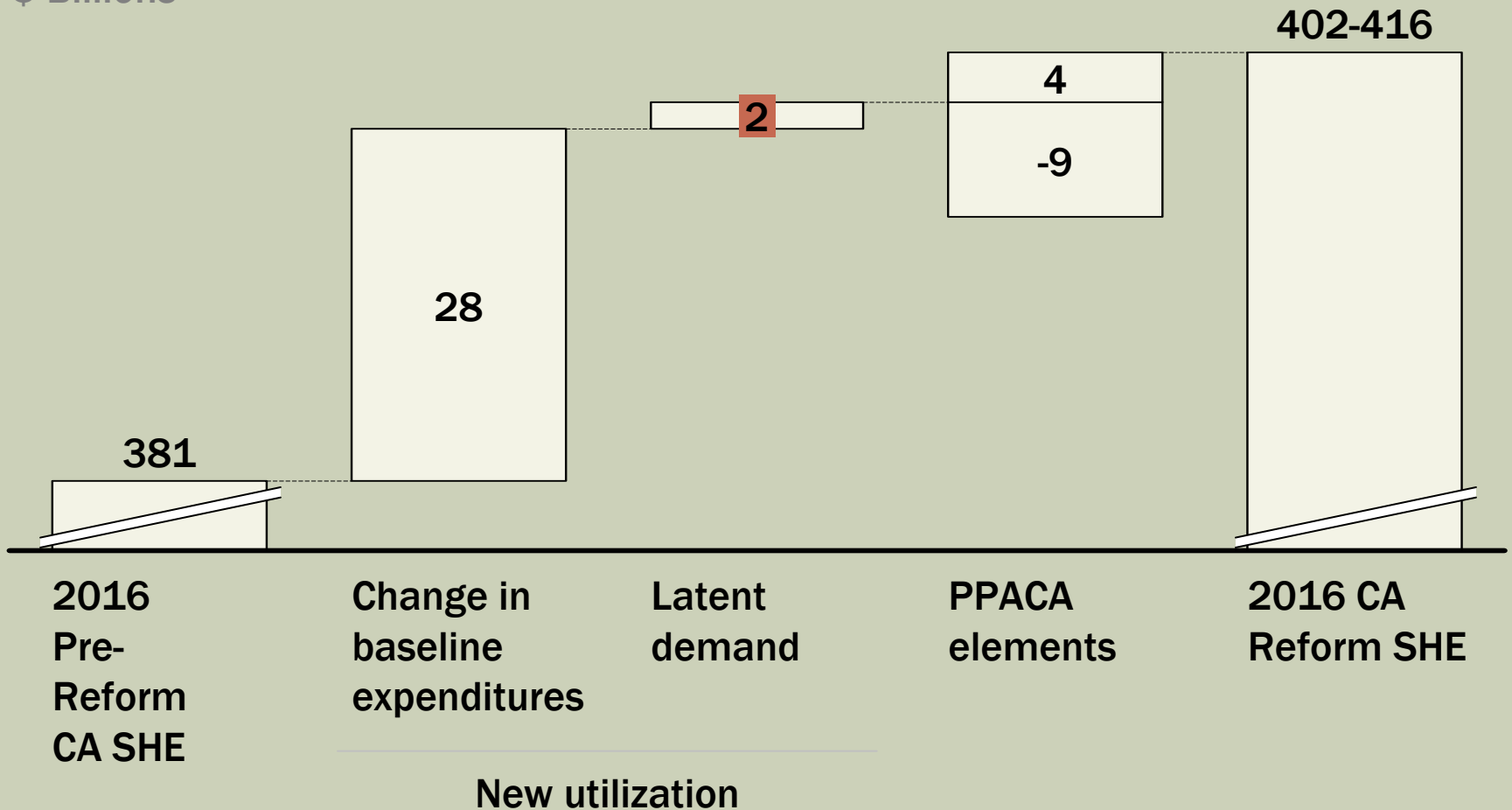
- Health insurance coverage for ~35 million additional people
- Insurance market regulation and reorganization
- Complicated financing challenges for both state and federal governments



**Providers
will have
to adjust**

PROJECTED EFFECT OF REFORM ON CALIFORNIA, 2016

Total California state health care expenditures, 2016
\$ Billions



COVERAGE EXPANSION

- Employers mandates and individual mandates
- Penalty for non-compliance
 - \$325 in 2015; \$695 per person in 2016, indexed to inflation)

MEDICAID EXPANSION

- Medicaid expansion for families below 133% of federal poverty line (~\$29k for family of 4)
- ~20 million more people insured through this mechanism by 2019
 - >2 million in California

BENEFIT EXPANSIONS

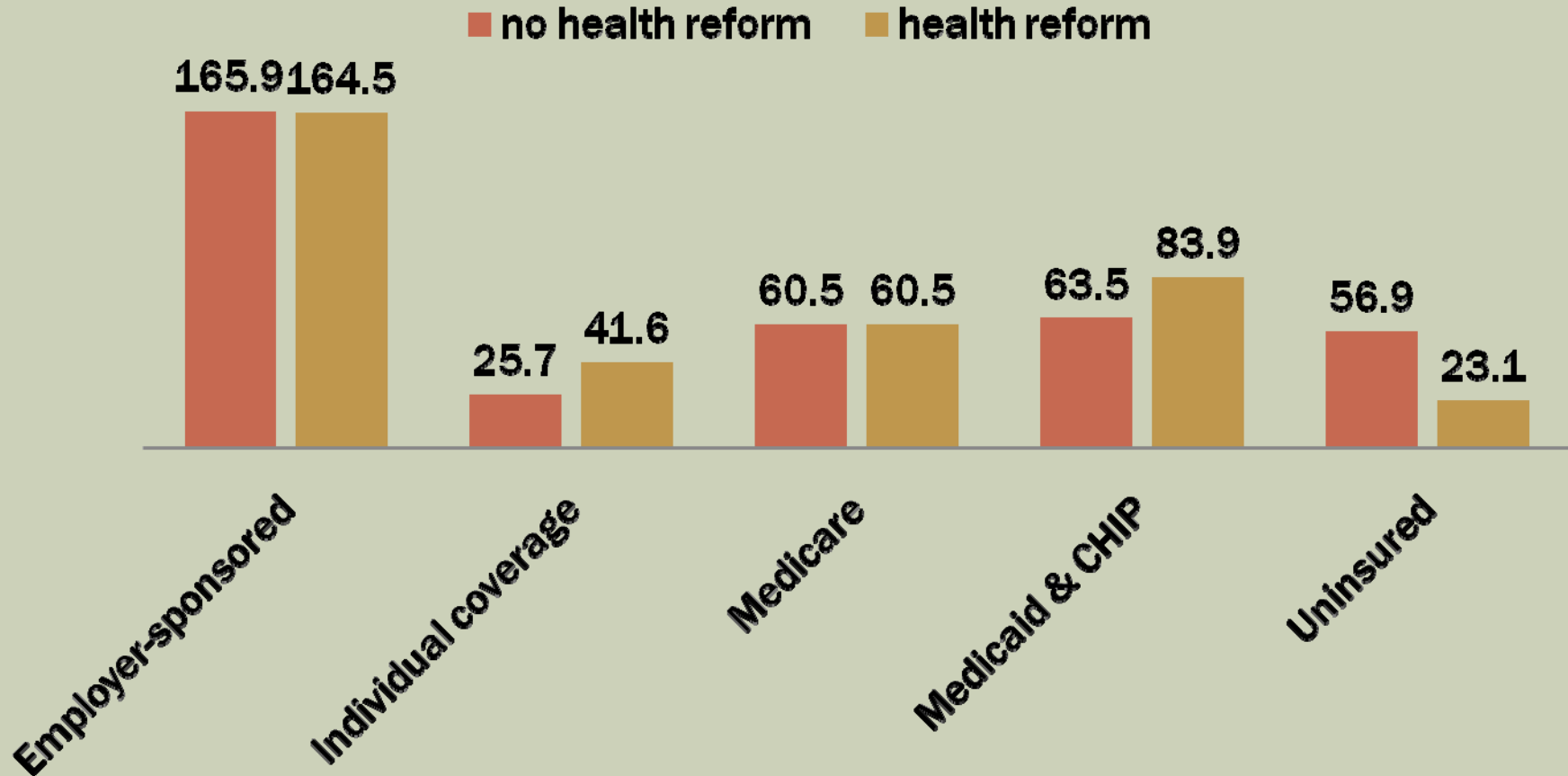
- Medicaid programs will be mandated to cover many additional benefits, such as:
 - Free standing birth clinics
 - Tobacco cessation services for pregnant women
 - Selected prescription drugs classes, including barbiturates and benzodiazepines.
- Optional benefit expansion:
 - Preventive services for adults
 - Health centers for people with chronic disease
 - Expanded home health services

HEALTH INSURANCE EXCHANGE

- Clearinghouse run by states for the individual health insurance market
 - Greatly expanded individual market by mandated purchase requirement
- Four classes of coverage
 - Plans rated on cost and quality
 - Minimum benefit standards
- Subsidies for families between 133% and 400% of federal poverty line (~\$87k for family of 4)

HEALTH INSURANCE ENROLLMENT IN 2019

(MILLIONS OF PEOPLE)

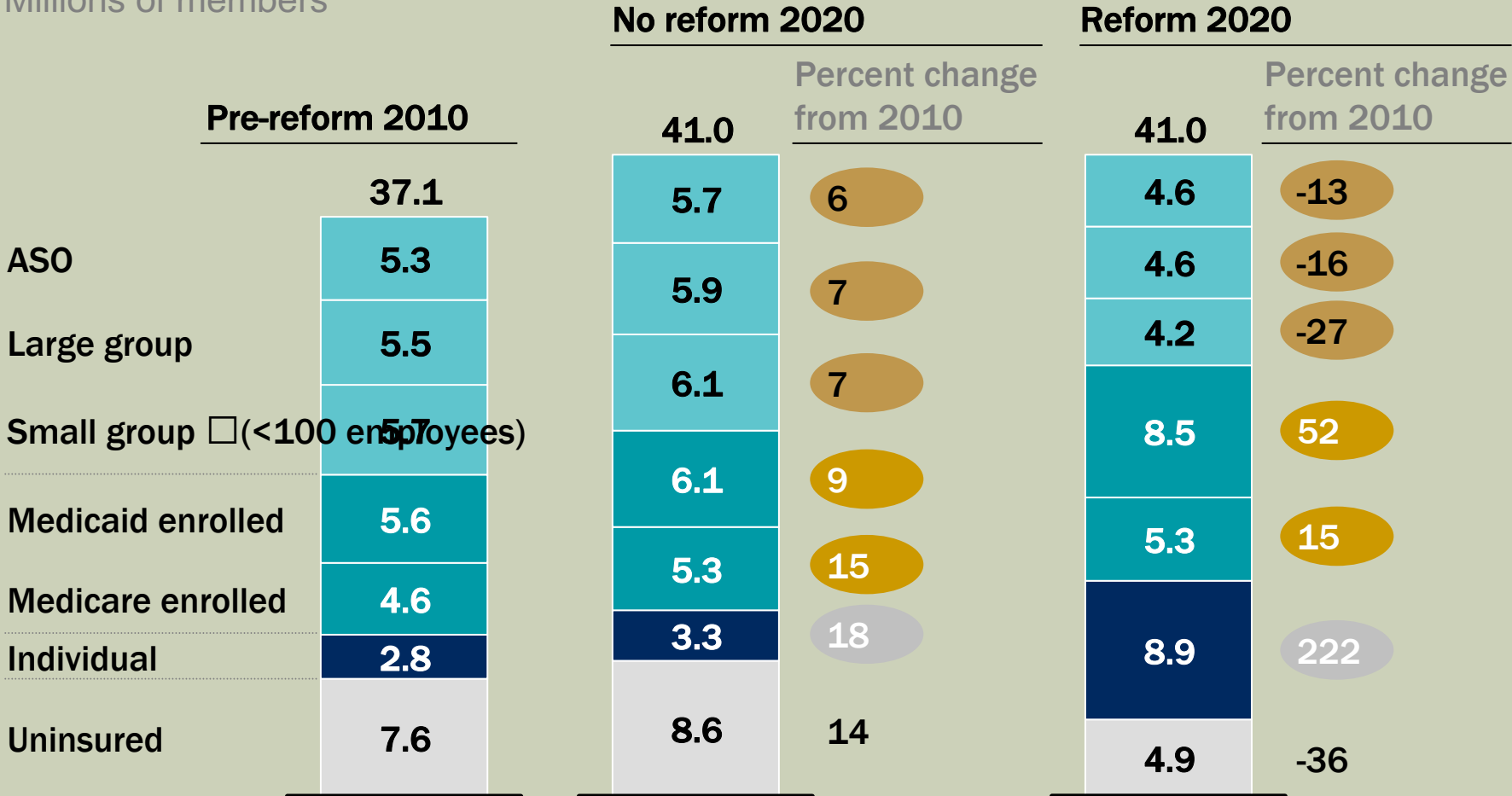


Source: Medicare Office of the Actuary, April 2010

COVERAGE SHIFTS IN CALIFORNIA

2020 scenarios

Millions of members



FINANCING THE REFORM

- Increase federal expenditures by ~\$950 billion between 2010 and 2019
- Cut Medicare expenditures by ~\$575 billion
- Higher payroll taxes and capital gains taxes on high income earners (~\$550 billion)
- Increased taxes on medical devices, brand-name drugs, and high cost insurance plans

MEDICARE REVISIONS AND REFORMS

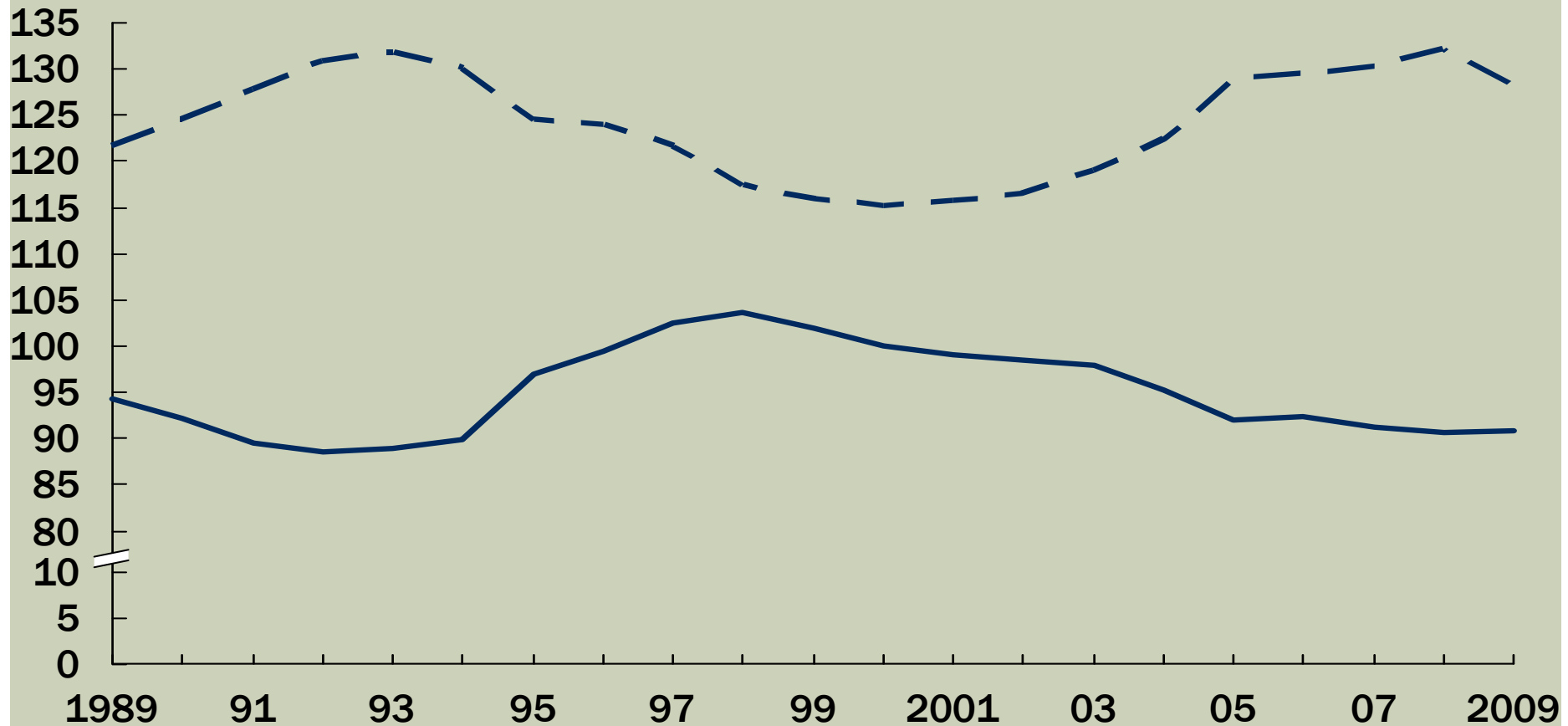
- ~\$140 billion in cuts to Medicare Advantage between 2010 and 2019
- Changes in Medicare payments to doctors and hospitals
 - Increased payments for low cost doctors and hospitals; decreased payments for high cost doctors and hospitals
 - Payments tied to measured quality
- Expansion of prescription drug coverage
- Much of the remainder of \$575 billion cut not yet determined

PRIVATE INSURANCE HAS OFFSET MEDICARE REIMBURSEMENT

Historic trend in payment levels

Payment-to-cost ratio, percent (by year)

— Medicare
- - Private Payer



FINANCING MEDICAID EXPANSION

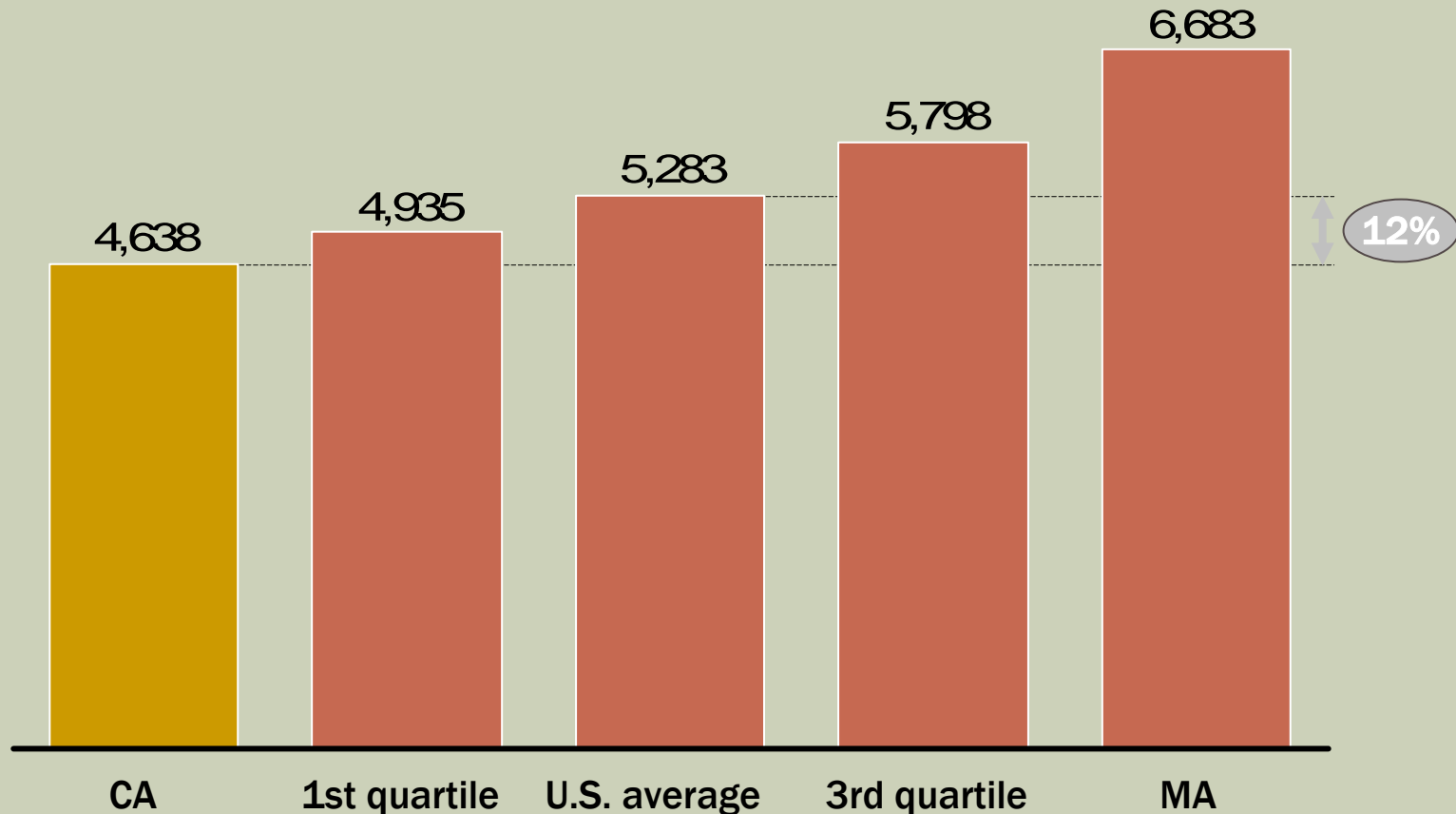
- Between 2014 and 2016, Federal government will pay 100% of Medicaid costs for newly eligible
- Between 2017 and 2020, the state share of Medicaid costs for the newly eligible will increase to 10%
- After 2020, the state share will stay at 10%
- Reductions in Medicaid disproportionate share hospital (DSH) payments
 - Aggregate reductions range from \$500 million in 2014 up to \$4 billion in 2020

FINANCING CHANGES AFFECTING PROVIDERS

- Reductions in Medicaid reimbursements for prescription drugs
 - Accomplished via a redefinition of the average manufacturer's price for prescription drugs
- Reductions in payments to hospitals for iatrogenic conditions
- Increased payments to primary care doctors in selected specialties

CALIFORNIA STATE EXPENDITURES ARE HISTORICALLY LOW

Per capita health expenditures, 2004
Dollars

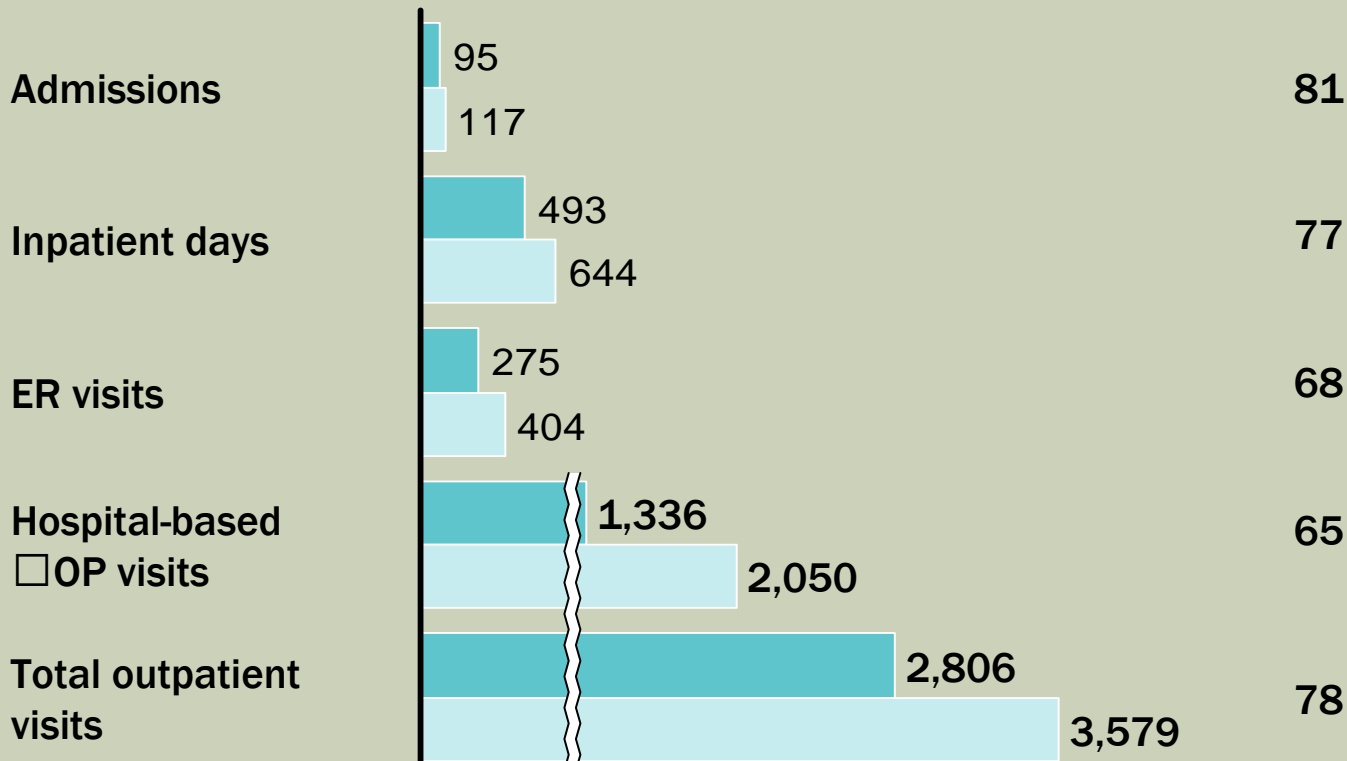


CALIFORNIA UTILIZATION RATES ARE ALSO LOW

Utilization rates in 2008¹

Number of encounters/days per 1000 population

CA utilization as percent of U.S. average
Percent

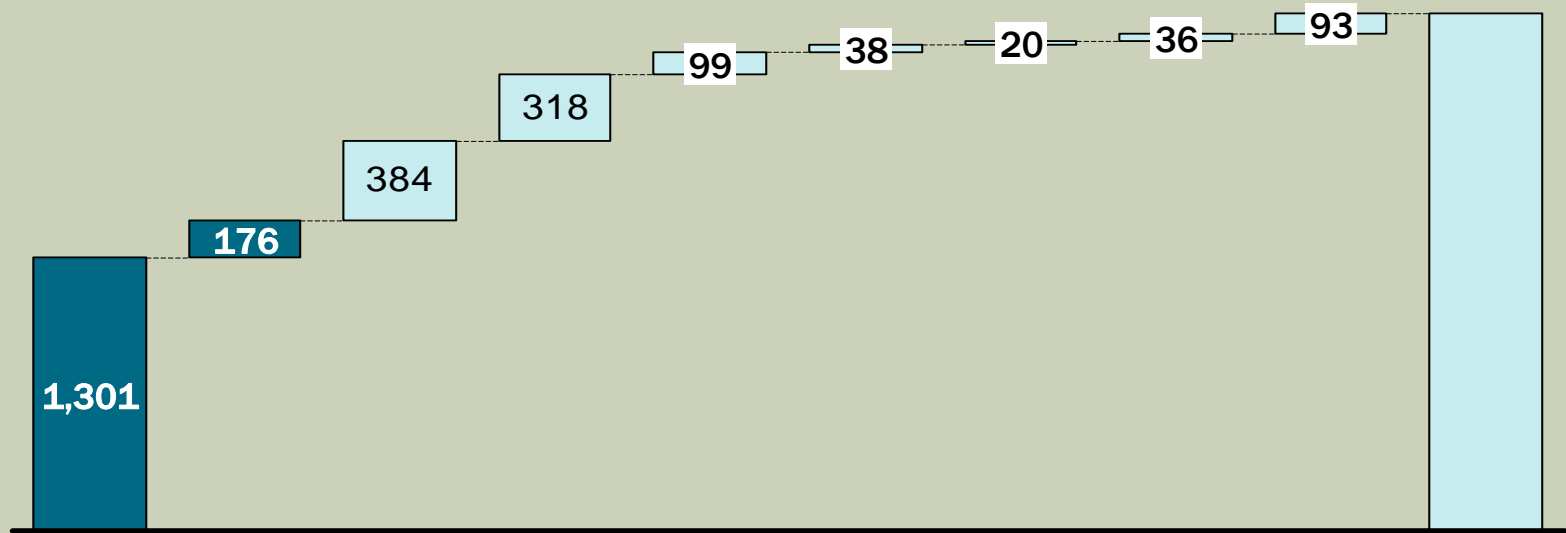


¹ Data are for total population of community hospitals (85% of all hospitals). Federal hospitals, LTC hospitals, psychiatric hospitals, institutions for the mentally retarded, and alcoholism and other chemical dependency hospitals are not included.

HOSPITAL LABOR COSTS ARE THE KEY SOURCE OF HOSPITAL COST GROWTH

California hospital costs by expense category, 2008¹

\$ per adjusted patient day



CAGR
2002-08
Percent

Expense Category	CAGR 2002-08 Percent
Salaries, wages, and benefits	7.9
Professional fees	6.2
Supplies	6.2
Services	5.9
Depreciation	4.3
Leases & Rentals	6.9
Insurance	4.1
Interest	3.9
All Other Expenses	3.8
Total Expenses	6.8

¹ Excludes Kaiser, State, Shriners, LTC Emphasis, and PHFs

PROSPECTS FOR THE FUTURE

- PPACA will lead to insurance coverage for millions
- Providers will face the prospect of rate cuts from all payers:
 - Medicare cuts
 - Medicaid rates will remain low, even as the covered population expands
 - Limited ability to “pass on” losses from public sources with higher rates for privately insured
 - Effective rate regulation will prevent this