

# Employment Outlook: 2006-16



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Statistics

## Brown Bag Seminar on BLS Job Growth Projections December 4, 2007

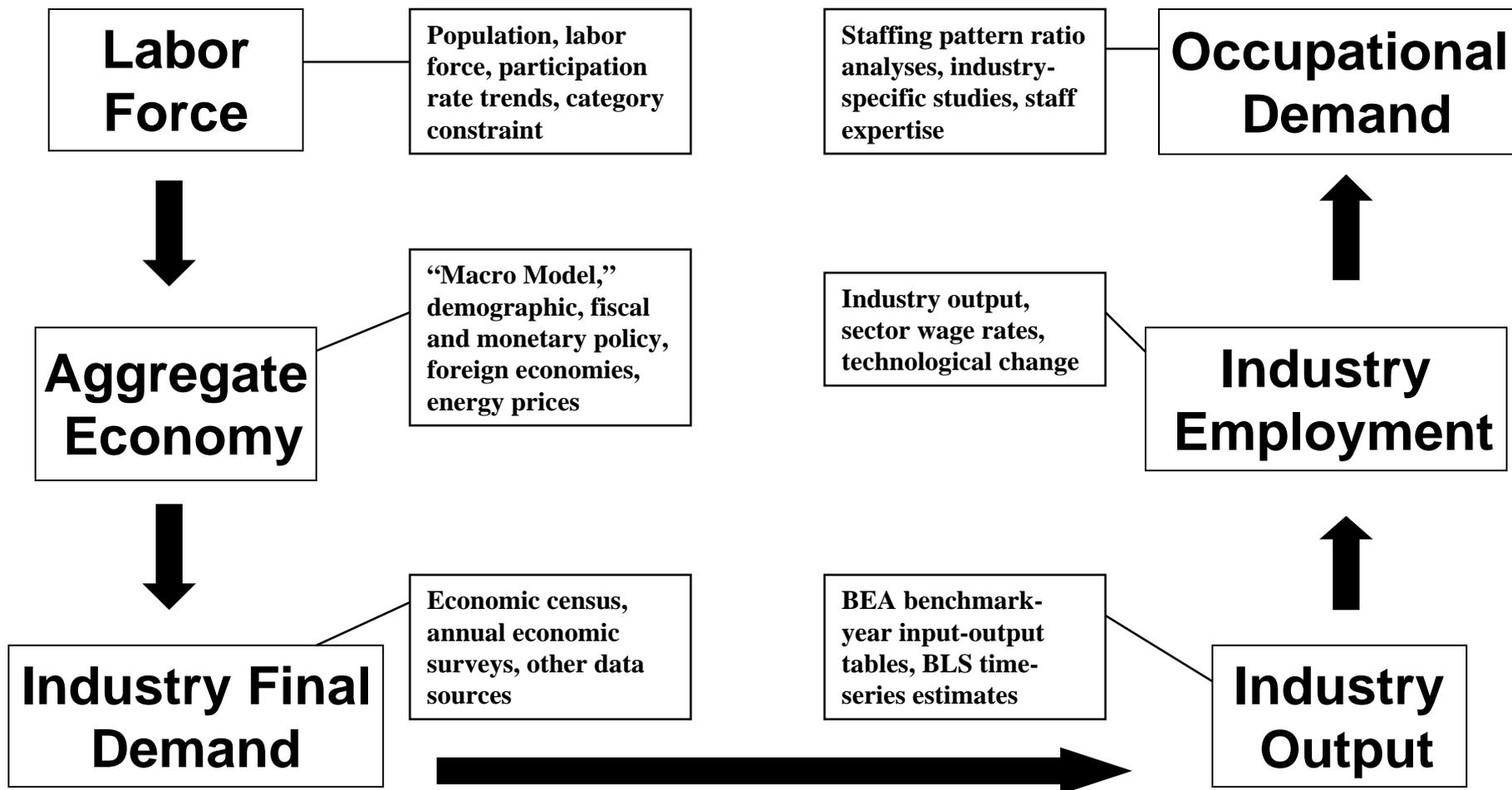


James Franklin, Chief  
Division of Industry Employment Projections  
Kristina Shelley, Chief  
Division of Occupational Outlook

# The OEP projections process



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# Employment Outlook: 2006-16



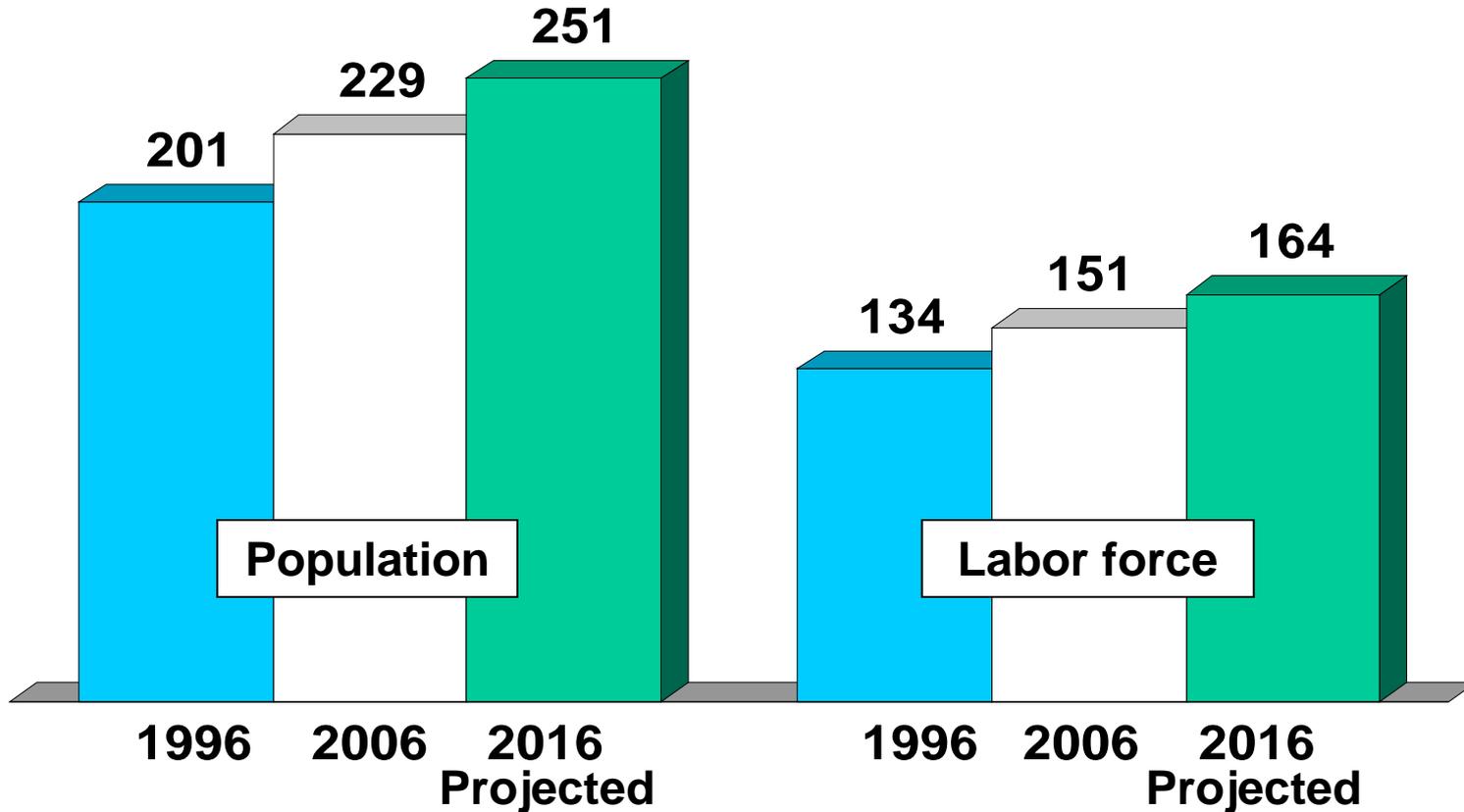
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## Population and Labor Force Growth



# Population and labor force

Millions of persons

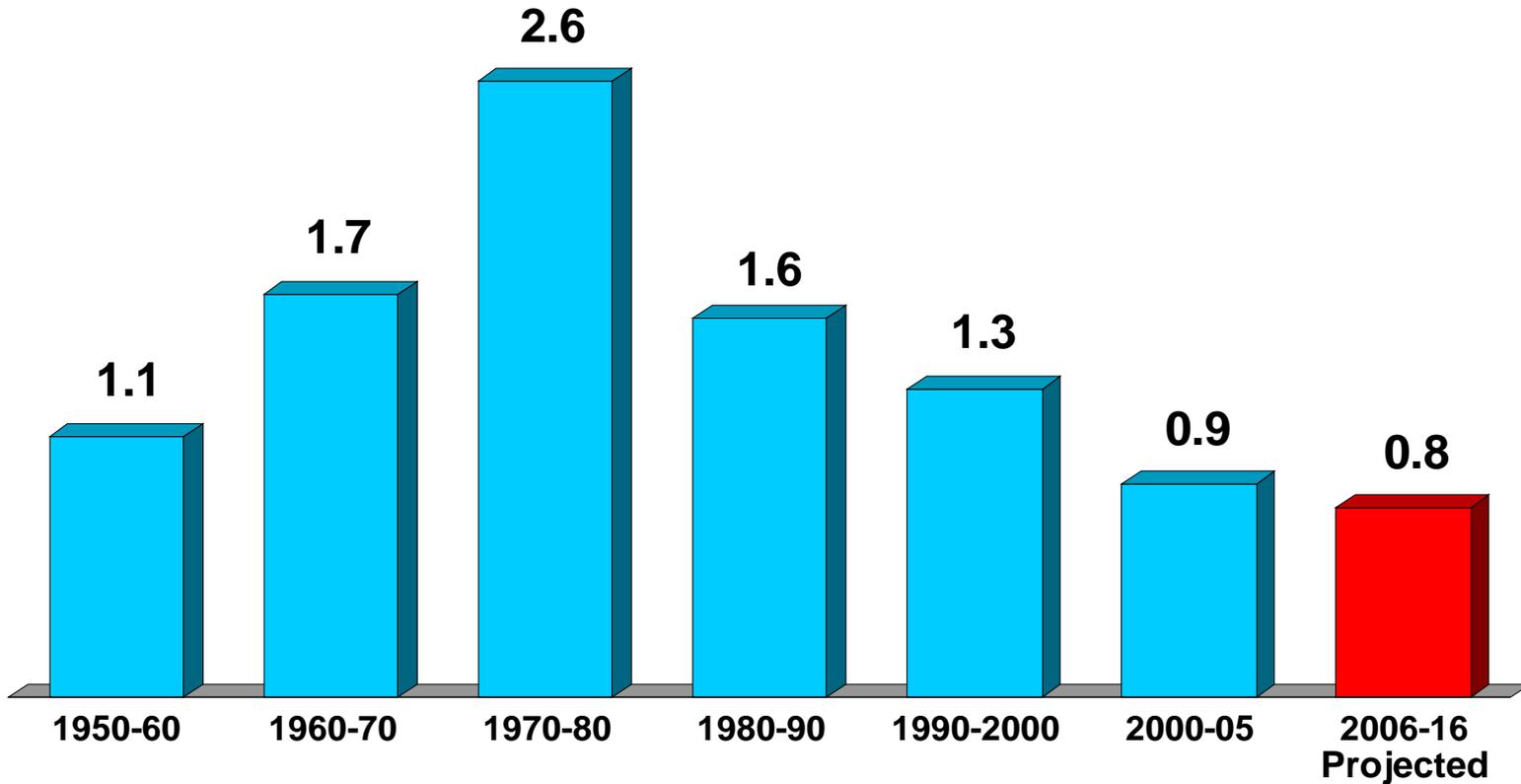


# Labor force growth



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## Average annual rates of change



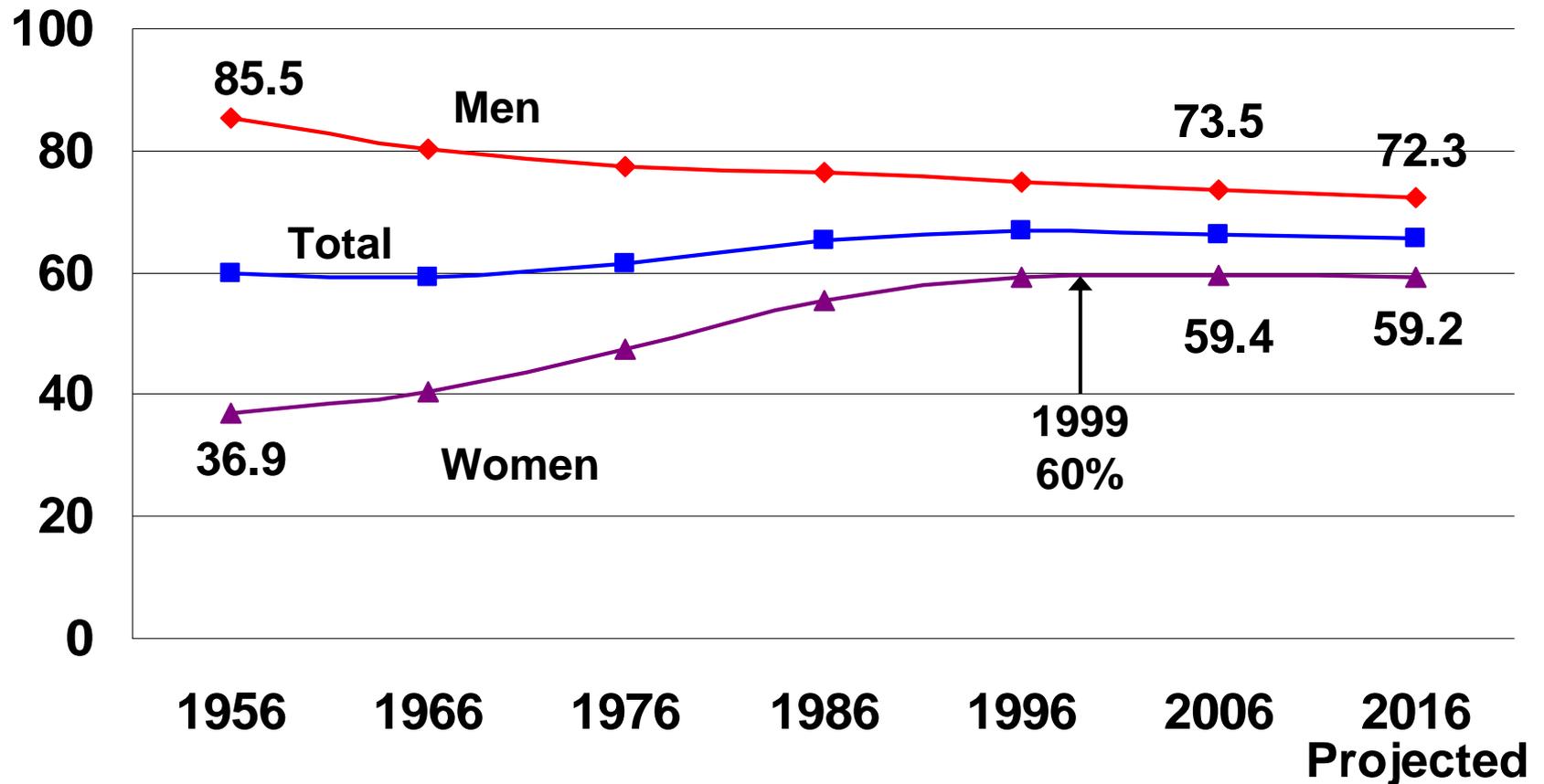
Source: Bureau of Labor Statistics

# Labor force participation rates for men and women have converged



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Percent



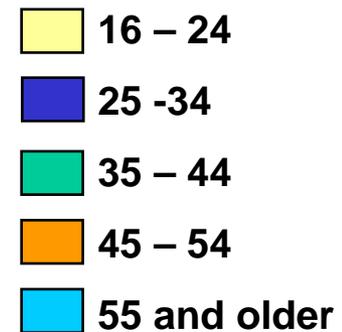
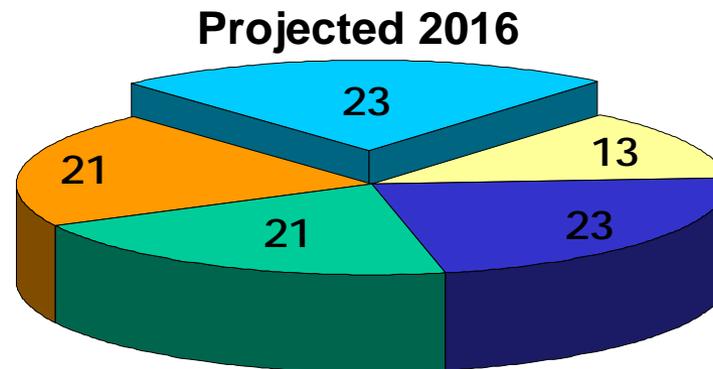
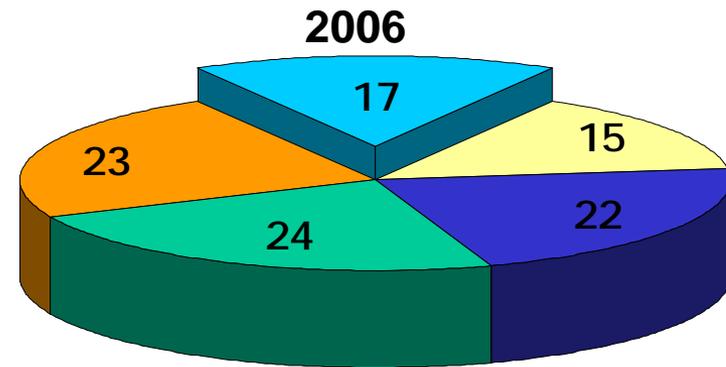
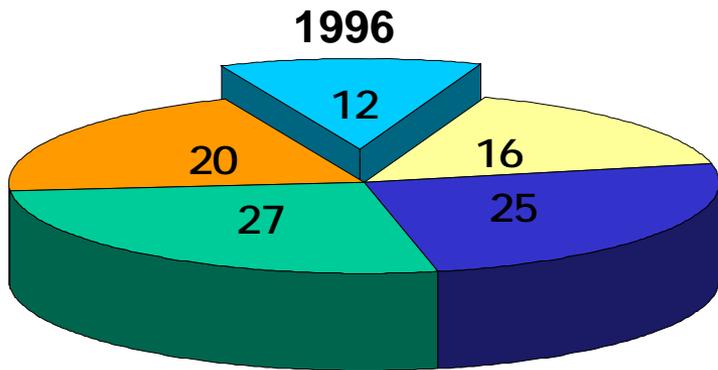
Source: Bureau of Labor Statistics

# Workers over 55 increase share of the labor force



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## Percent distribution

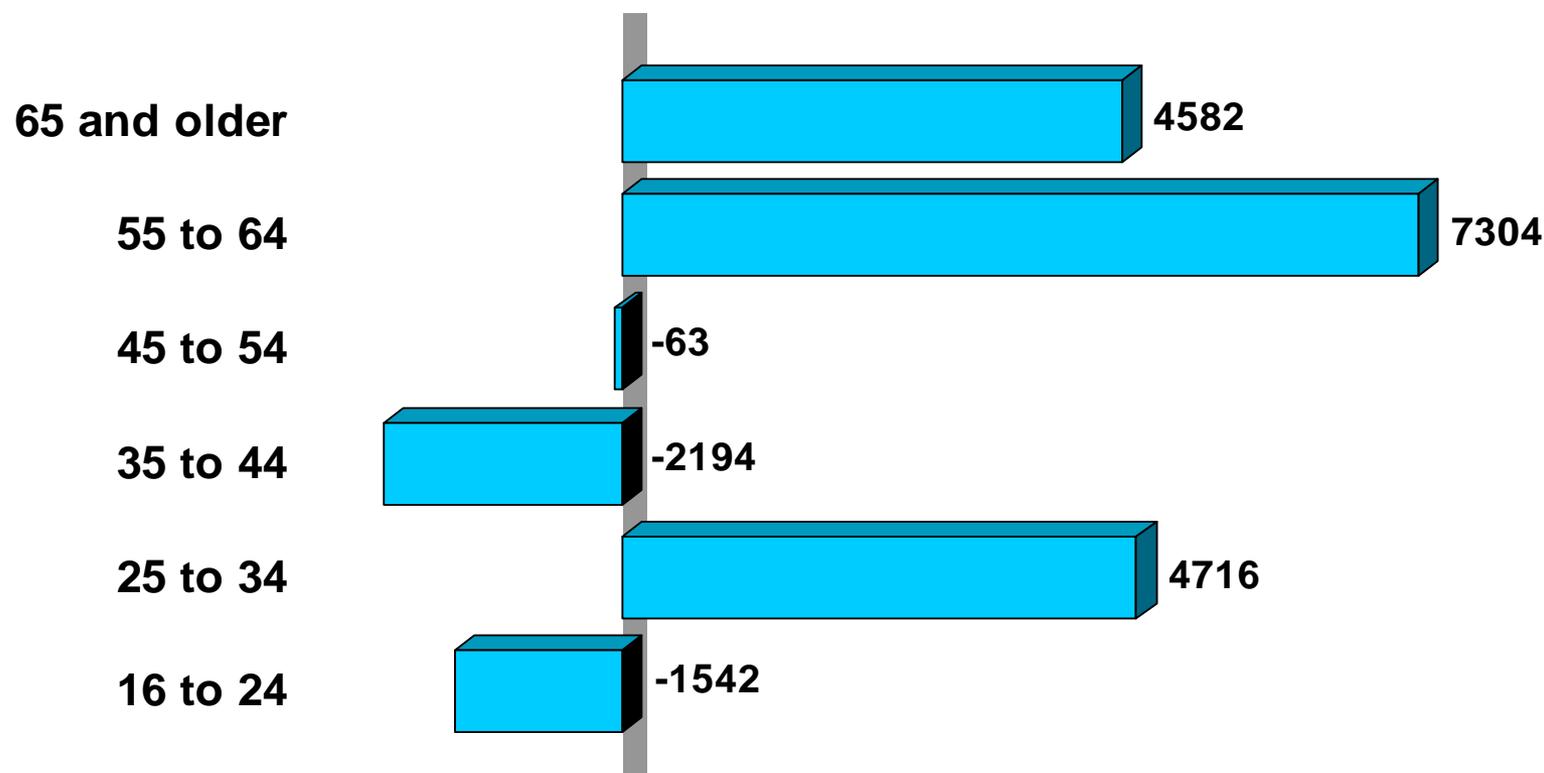


# Numeric change in labor force by age, projected 2006-16



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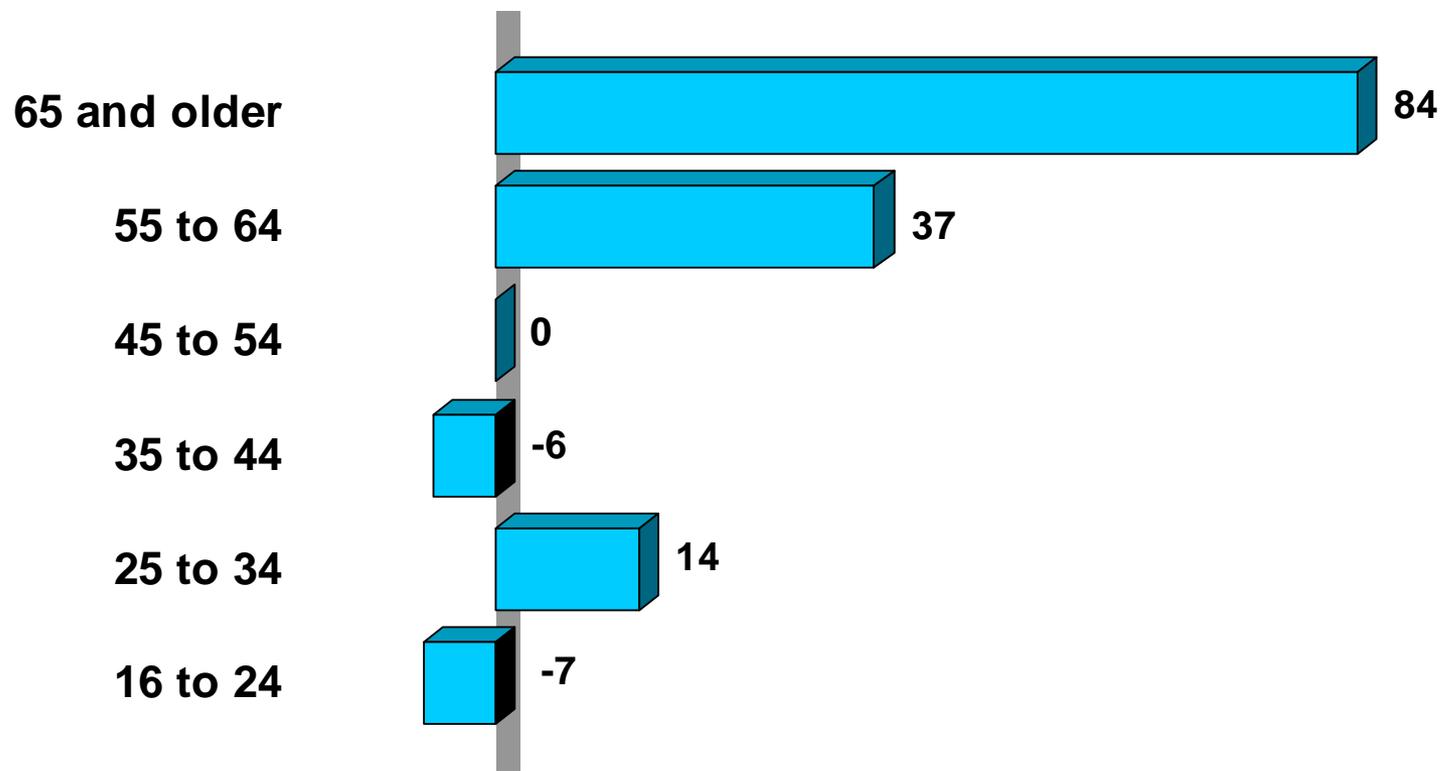
Thousands of people



# Percent change in labor force by age, projected 2006-16



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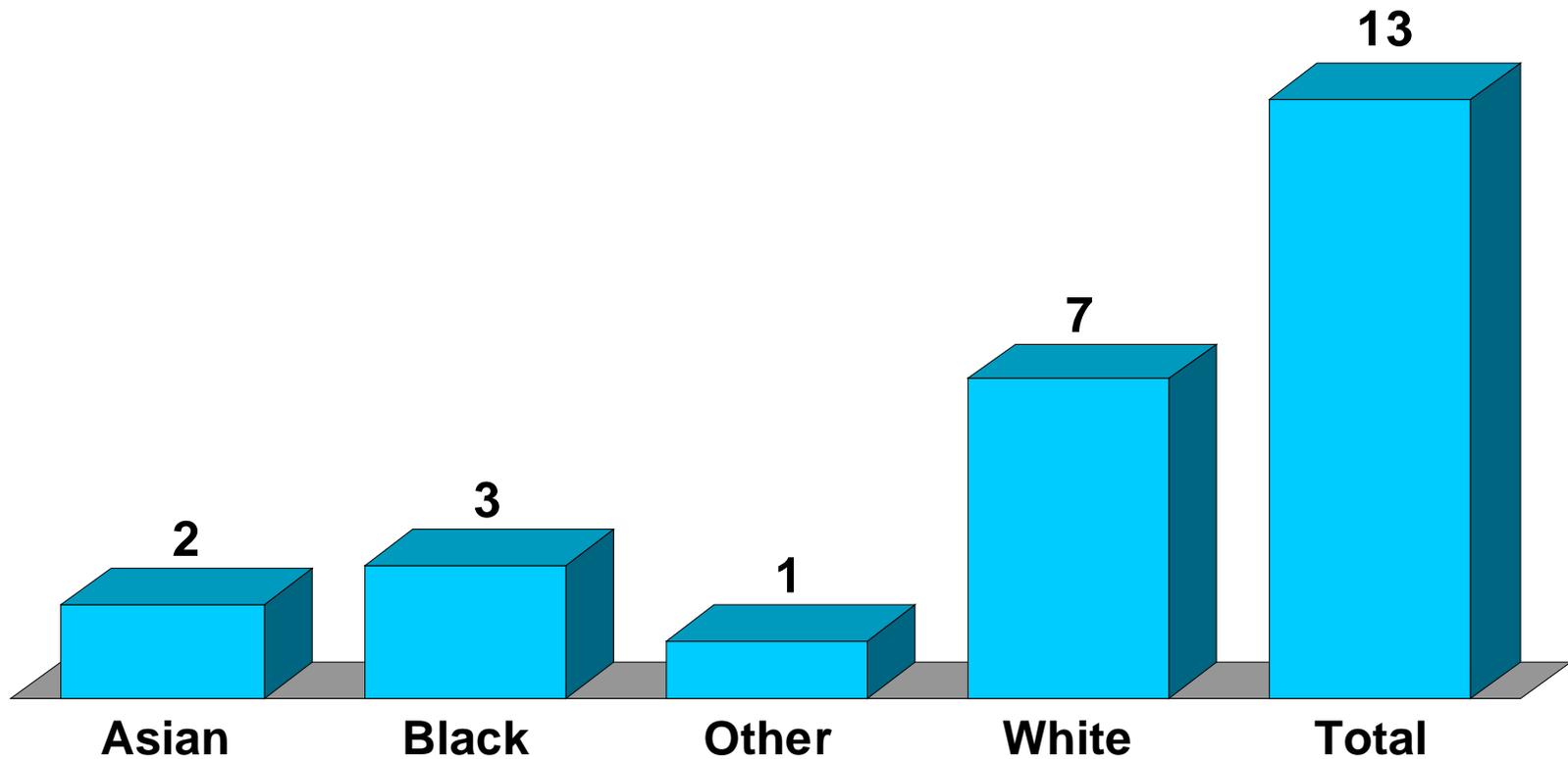


# Labor force growth by race



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Change in millions, projected 2006-16



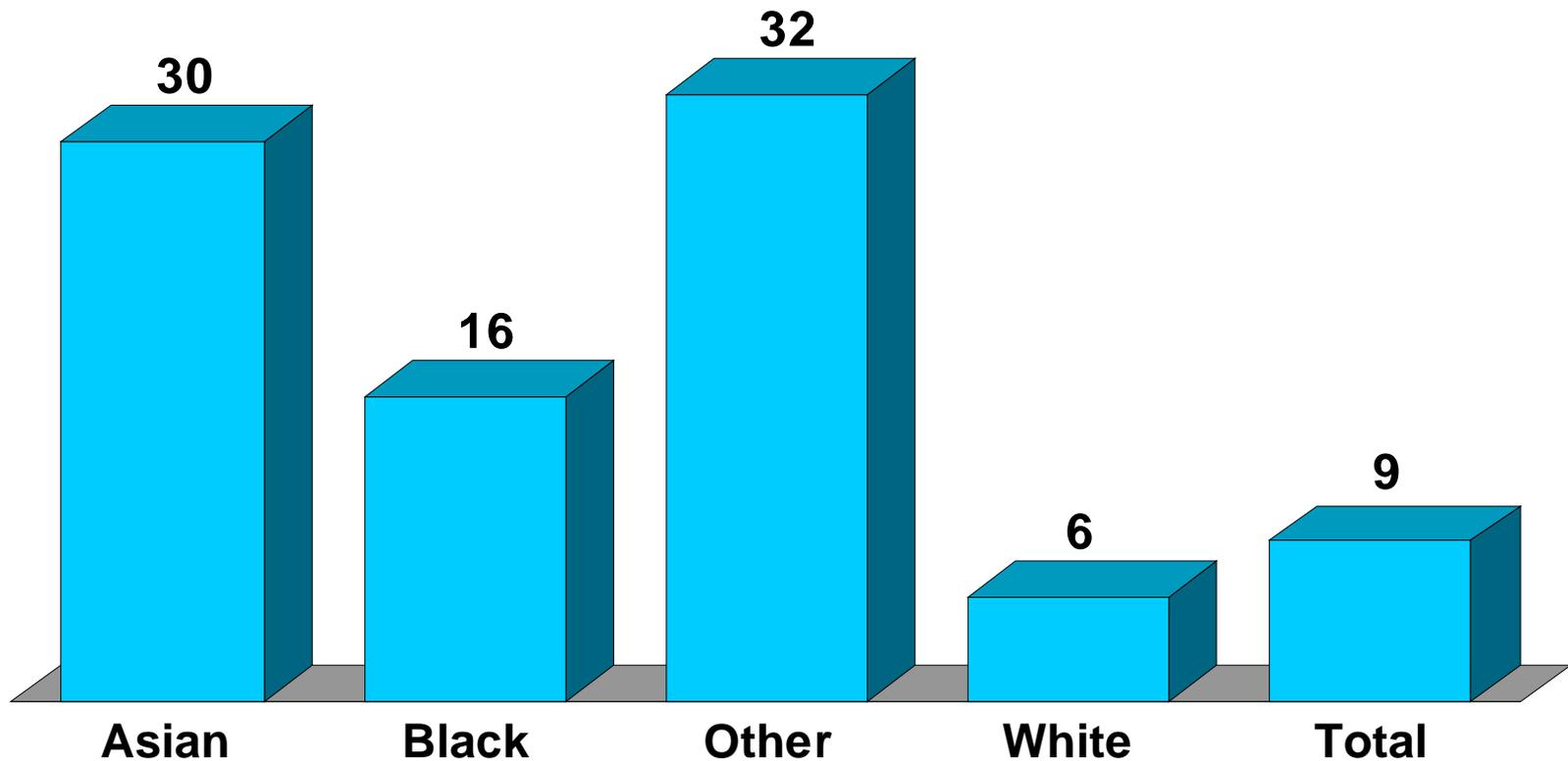
Source: Bureau of Labor Statistics

# Labor force growth by race



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Percent change, projected 2006-16



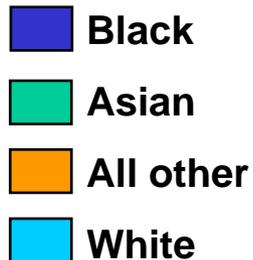
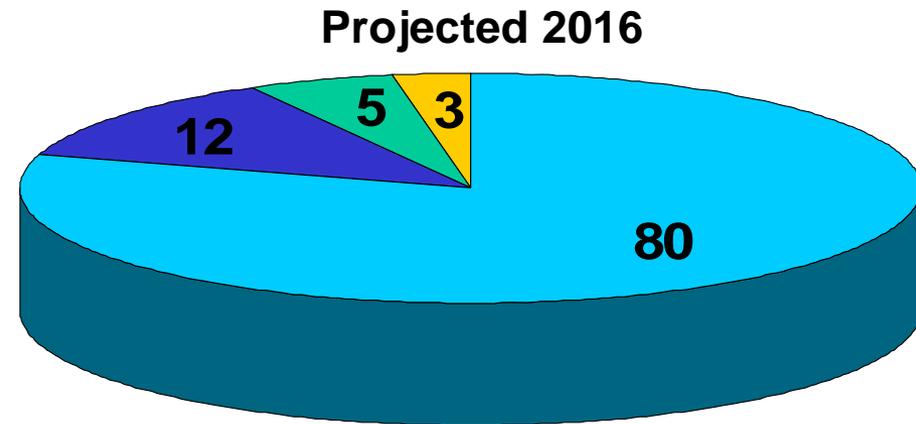
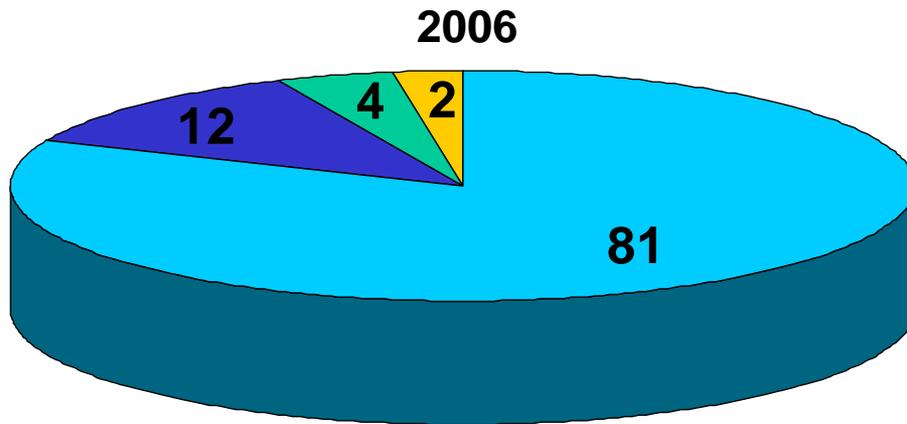
Source: Bureau of Labor Statistics

# Whites remain the largest group of workers



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Percent of labor force, by race

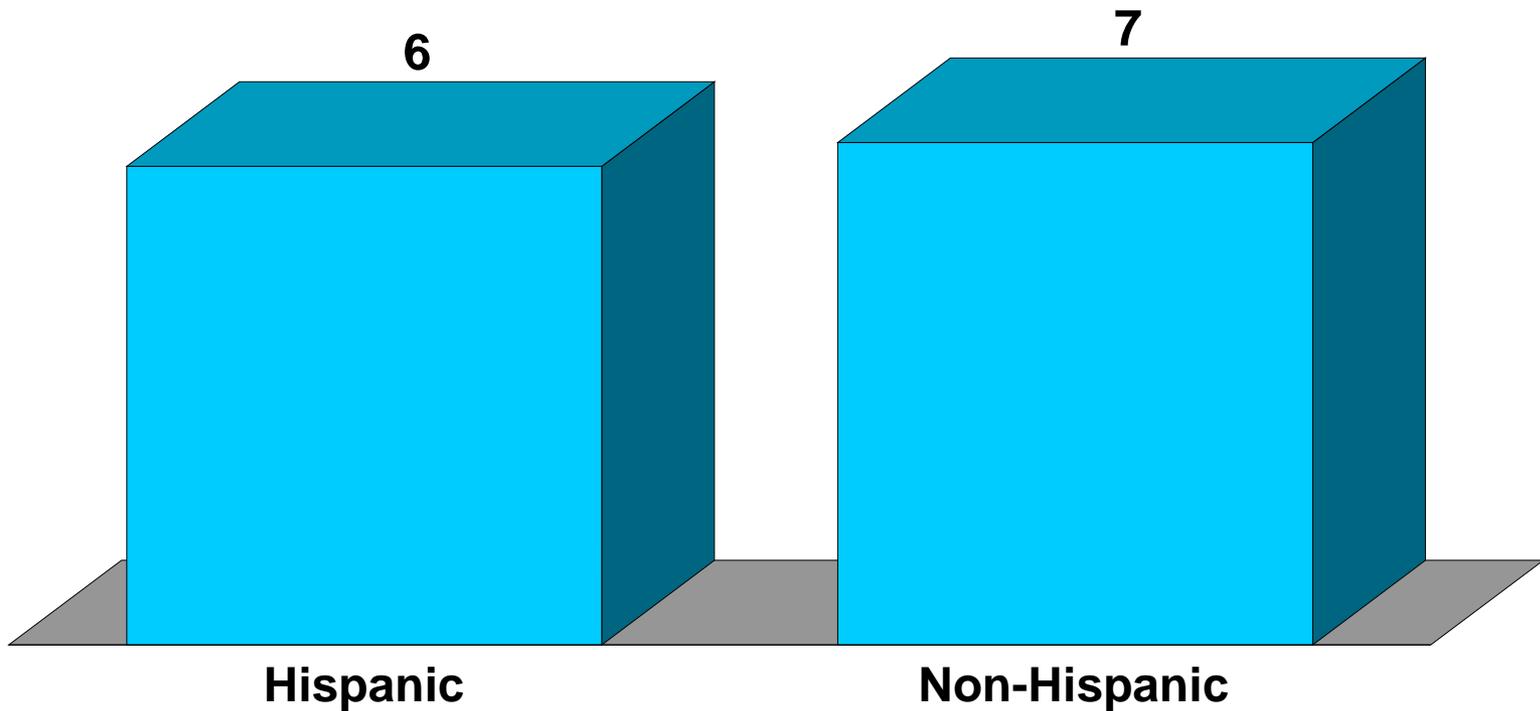


# Labor force growth by ethnic origin



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Change in millions, projected 2006-16

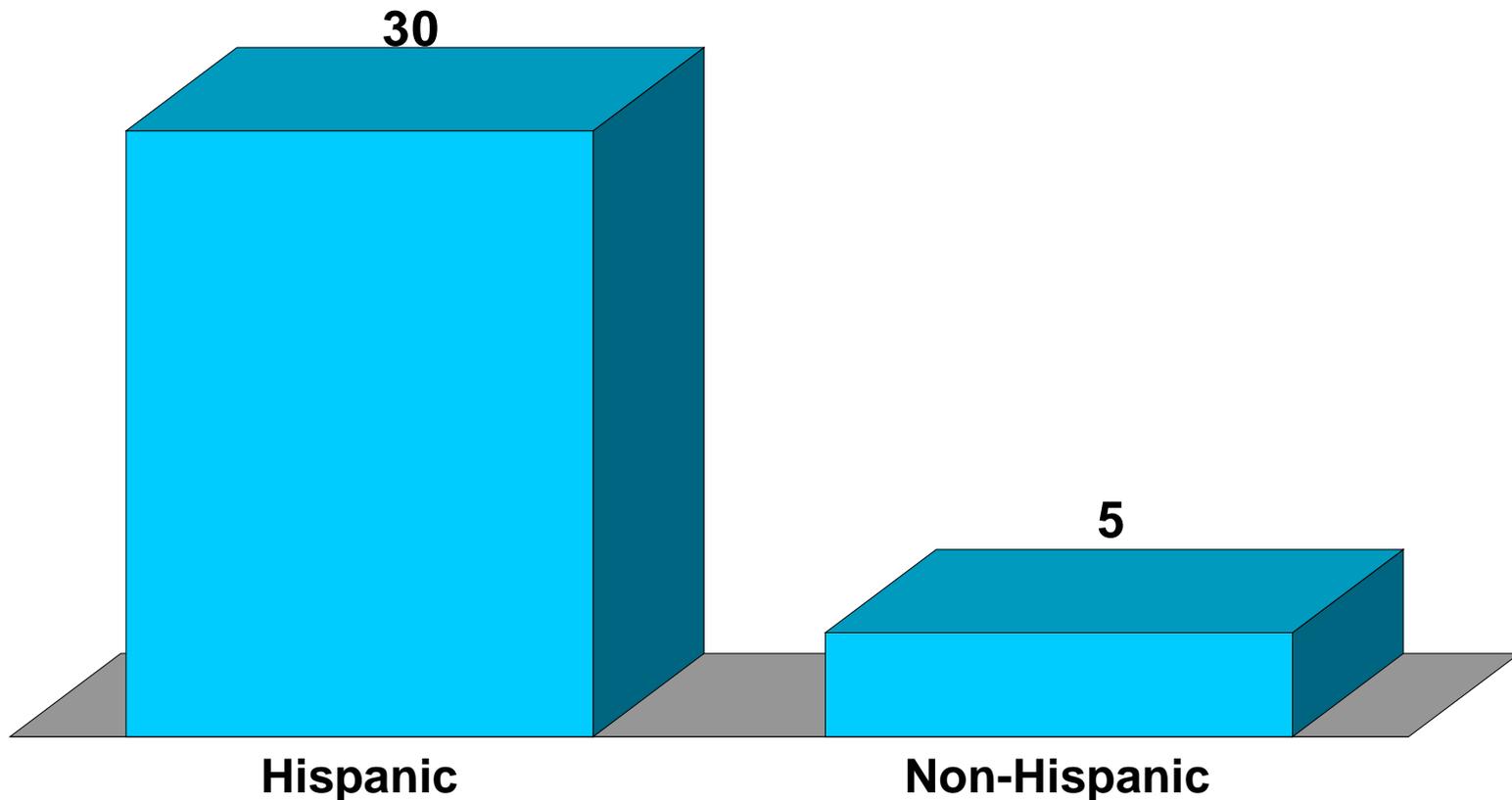


# Labor force growth by ethnic origin



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Percent change, projected 2006-16

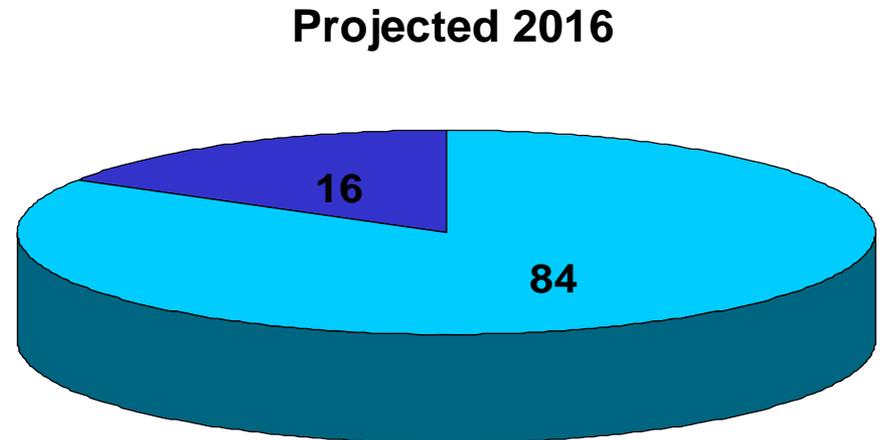
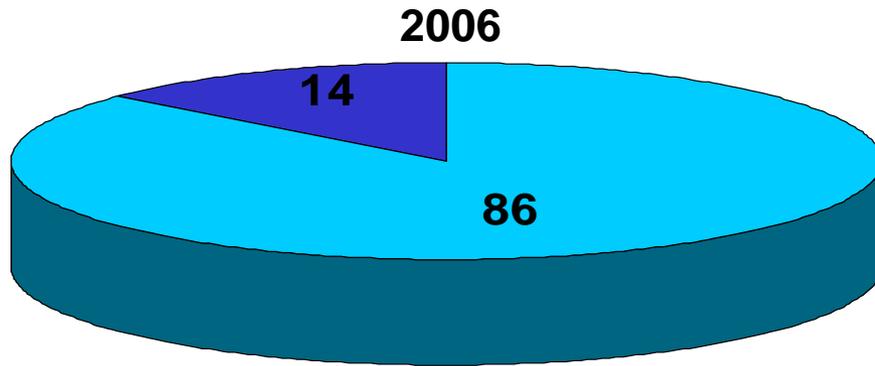


# Non-Hispanics remain the largest group of workers



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Percent of labor force, by ethnicity



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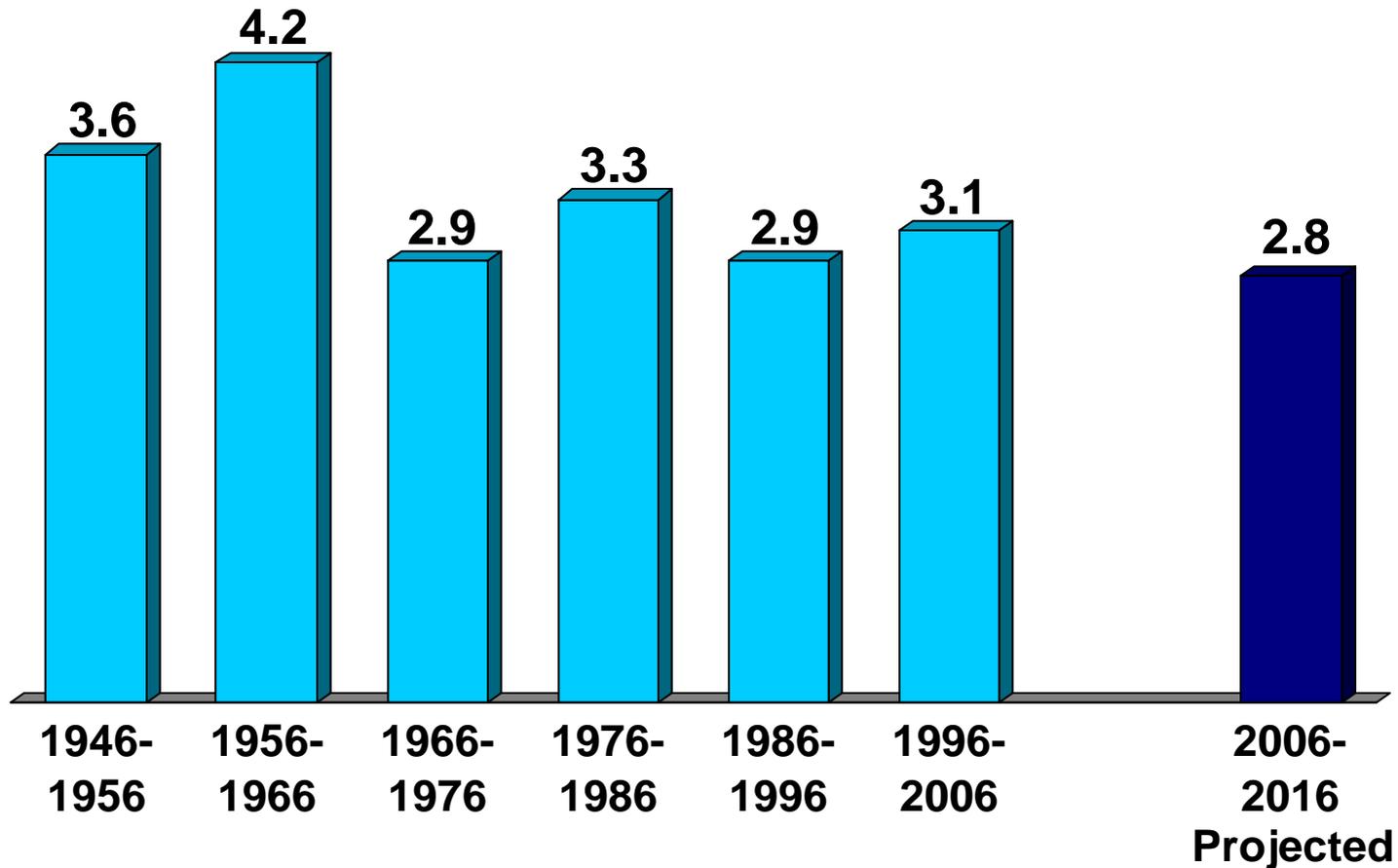
## Economic Growth

# Real GDP growth



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Average annual rate of change

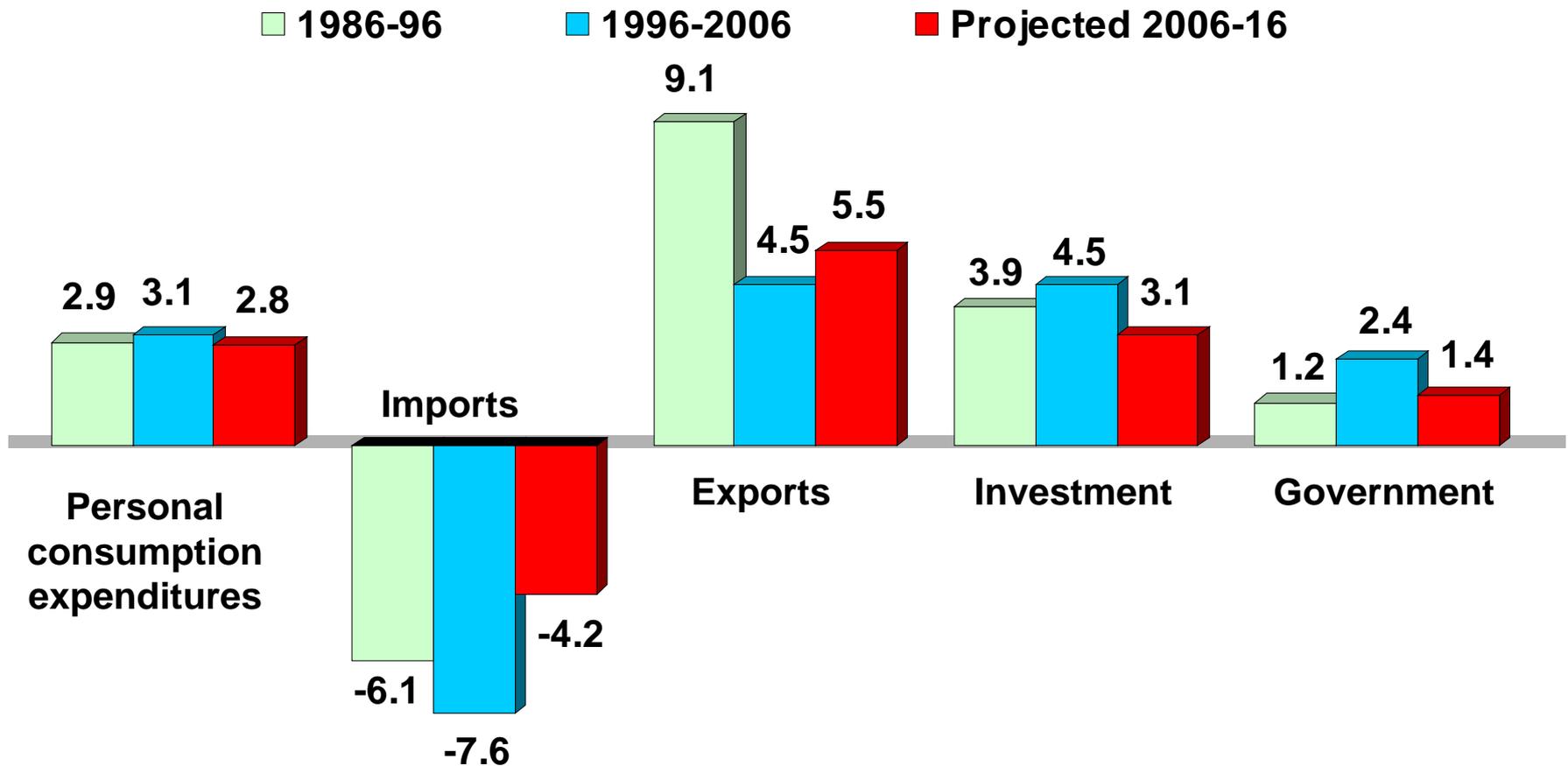


Source: Bureau of Economic Analysis, history; Bureau of Labor Statistics, projected



# Real GDP growth by component

Average annual rate of change



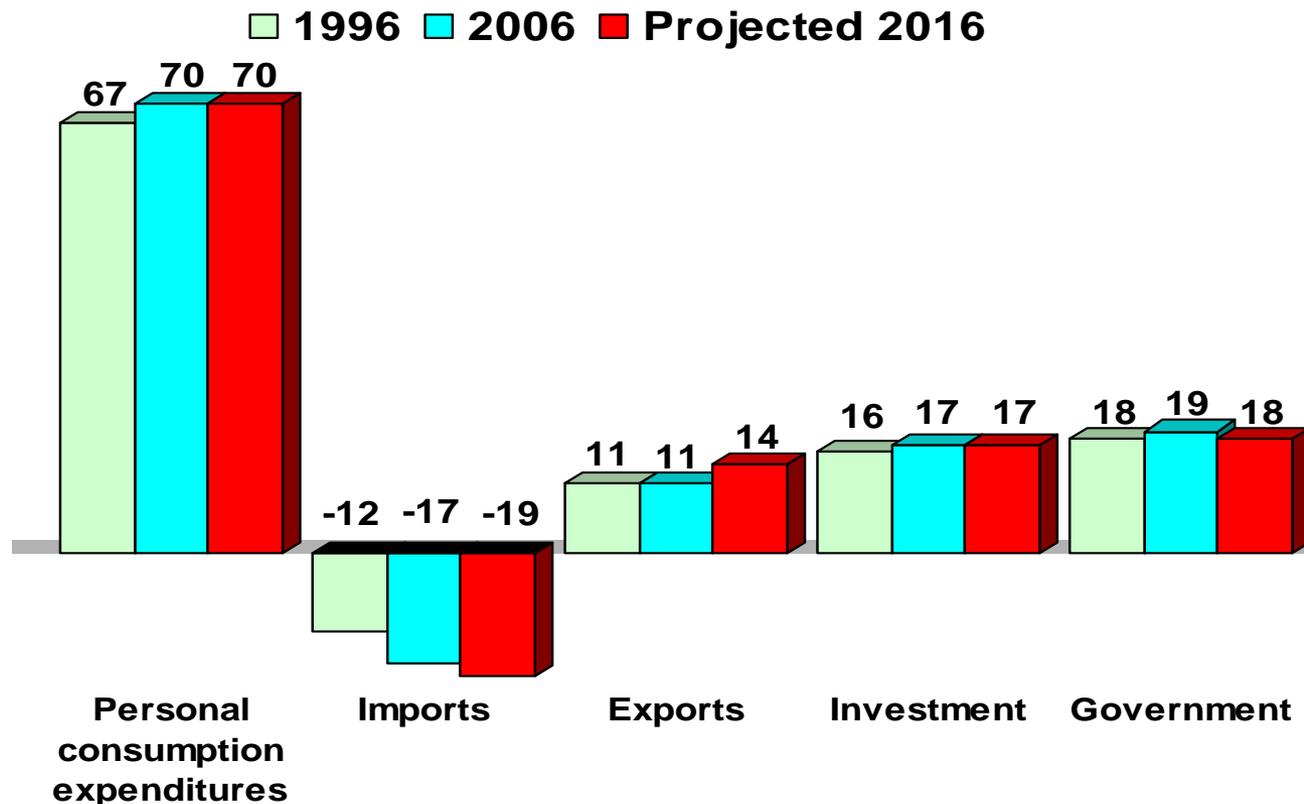
Source: Bureau of Economic Analysis, history; Bureau of Labor Statistics, projected

# Personal consumption expenditures account for most of GDP



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## Percent of nominal GDP



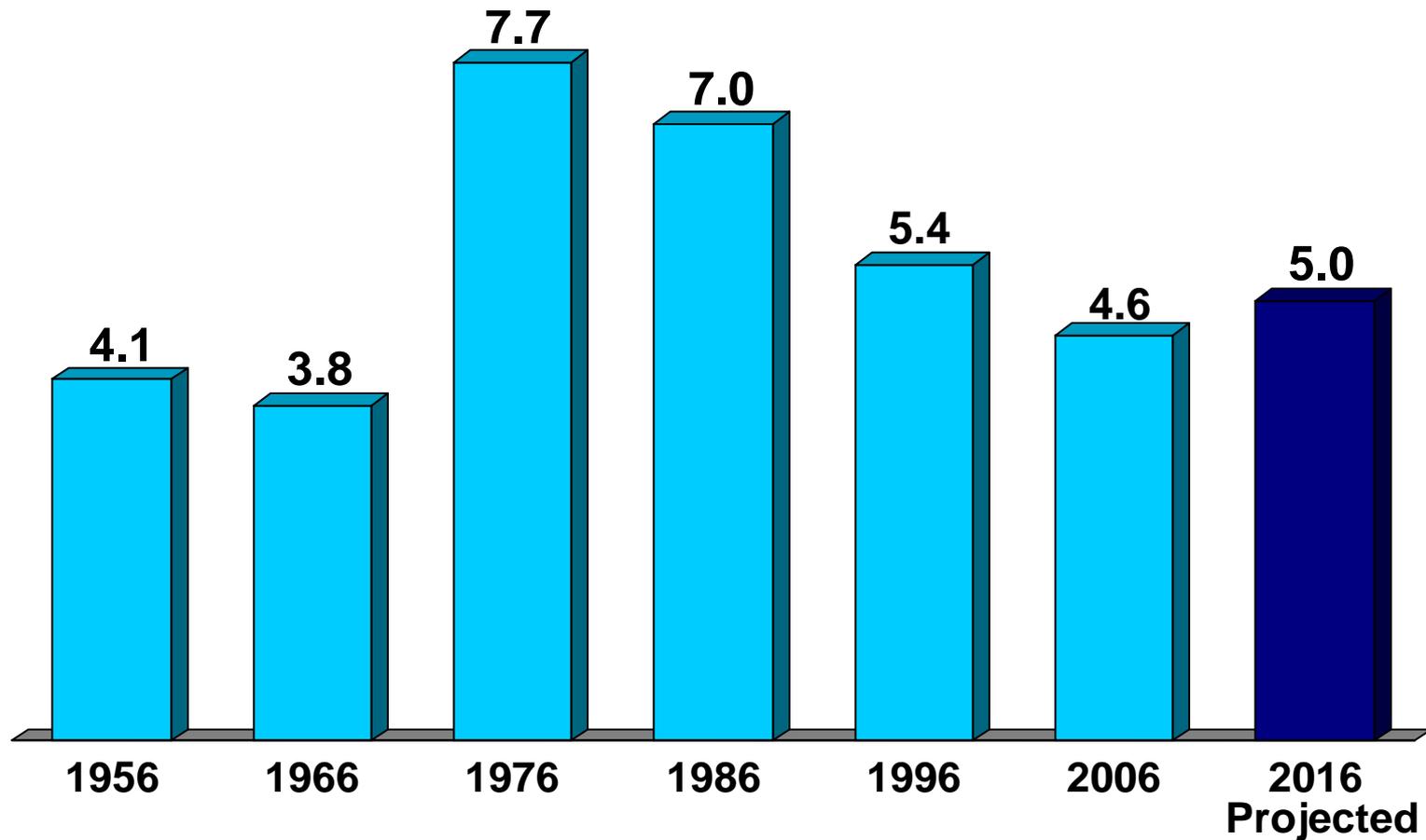
Source: Bureau of Economic Analysis, history; Bureau of Labor Statistics, projected

# The 2006-16 projections assume a 5 percent unemployment rate



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Percent



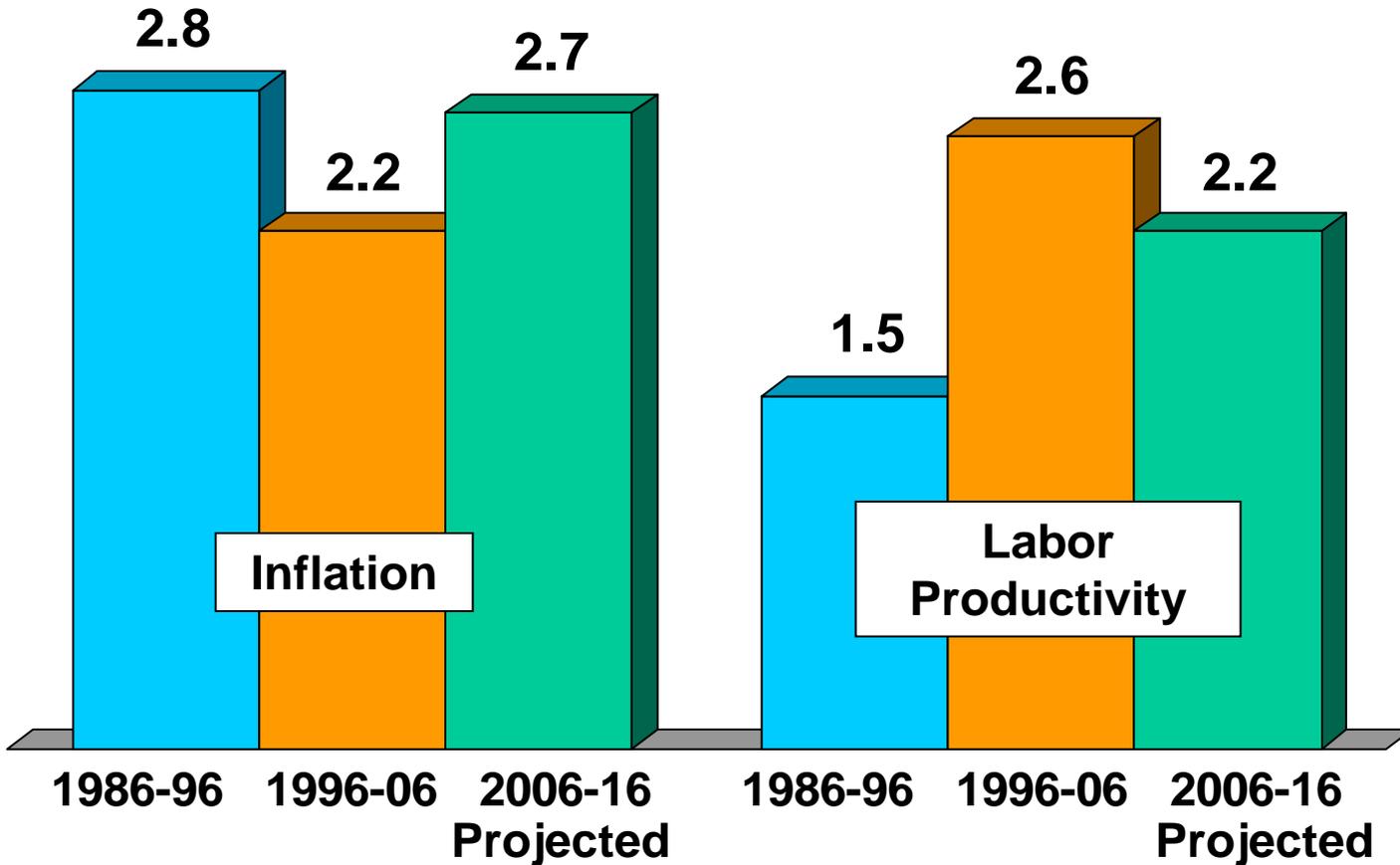
Source: Bureau of Labor Statistics

# Inflation increases moderately and labor productivity slows



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Average annual percent change



Source: Bureau of Labor Statistics

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## Industry Growth

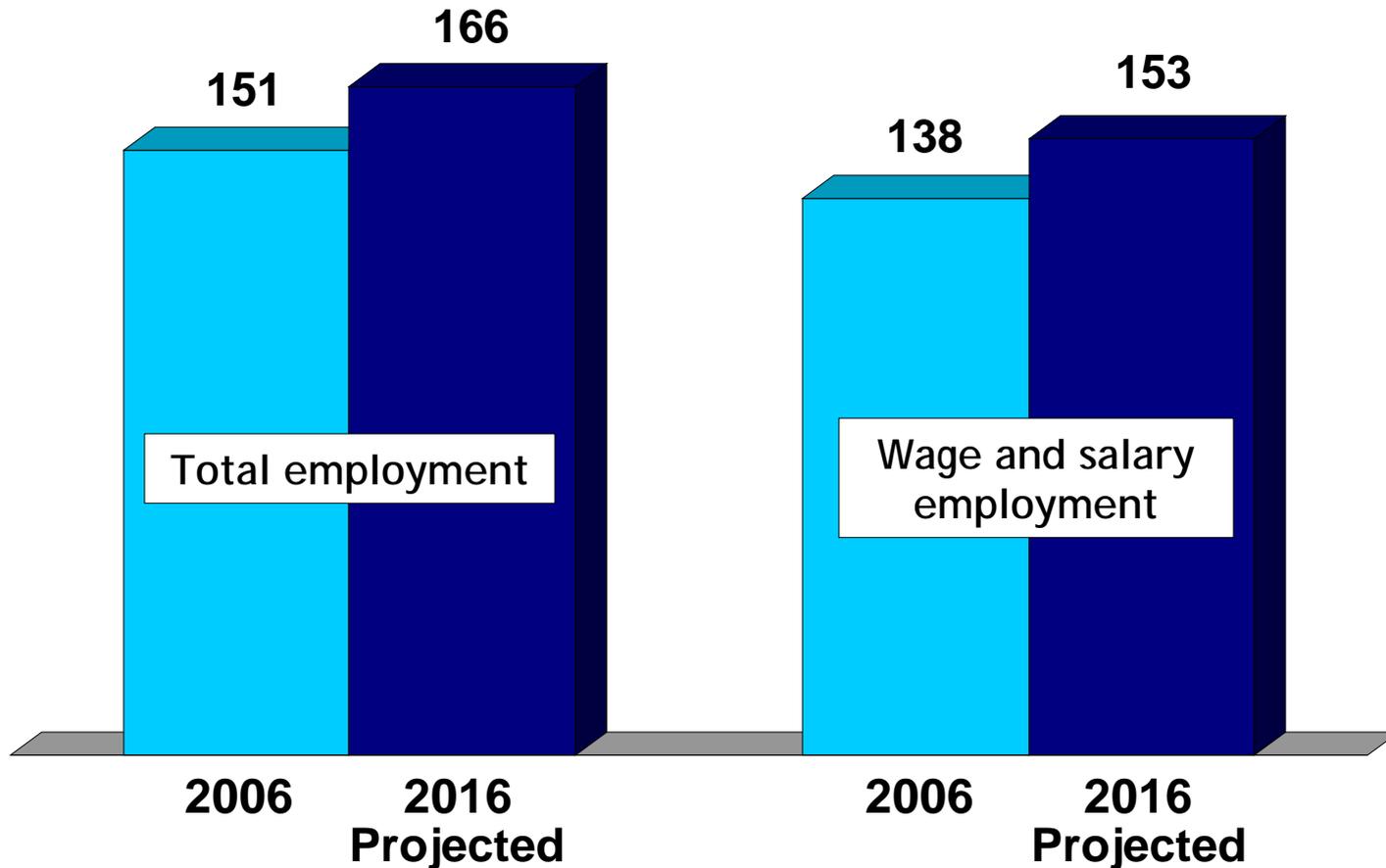


# Total employment is projected to grow to 166.2 million jobs



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Millions of jobs



# Goods-producing and service-providing industries by share of total employment and output

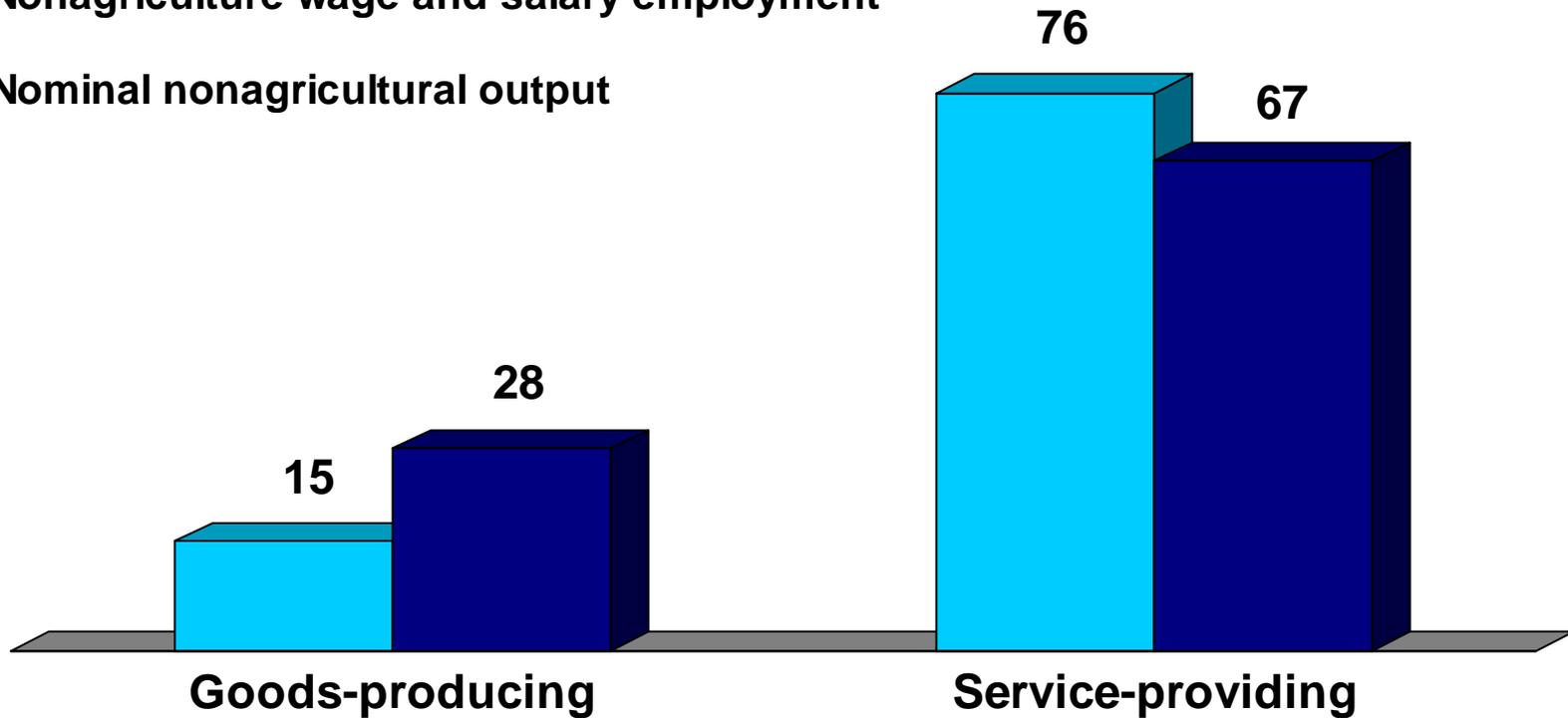


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Percent, 2006

■ Nonagriculture wage and salary employment

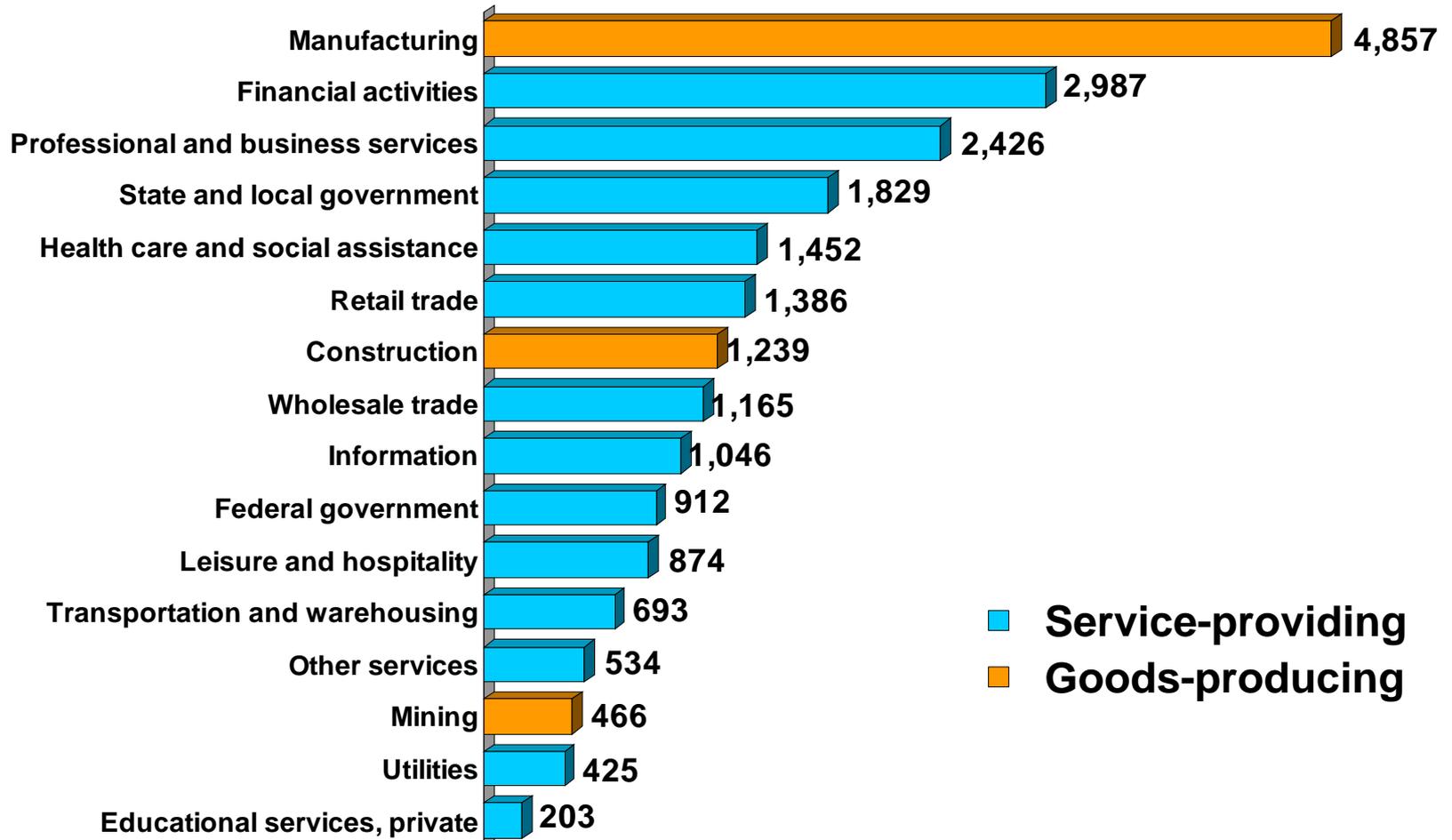
■ Nominal nonagricultural output





# Nominal output by industry sector

Billions of dollars, 2006



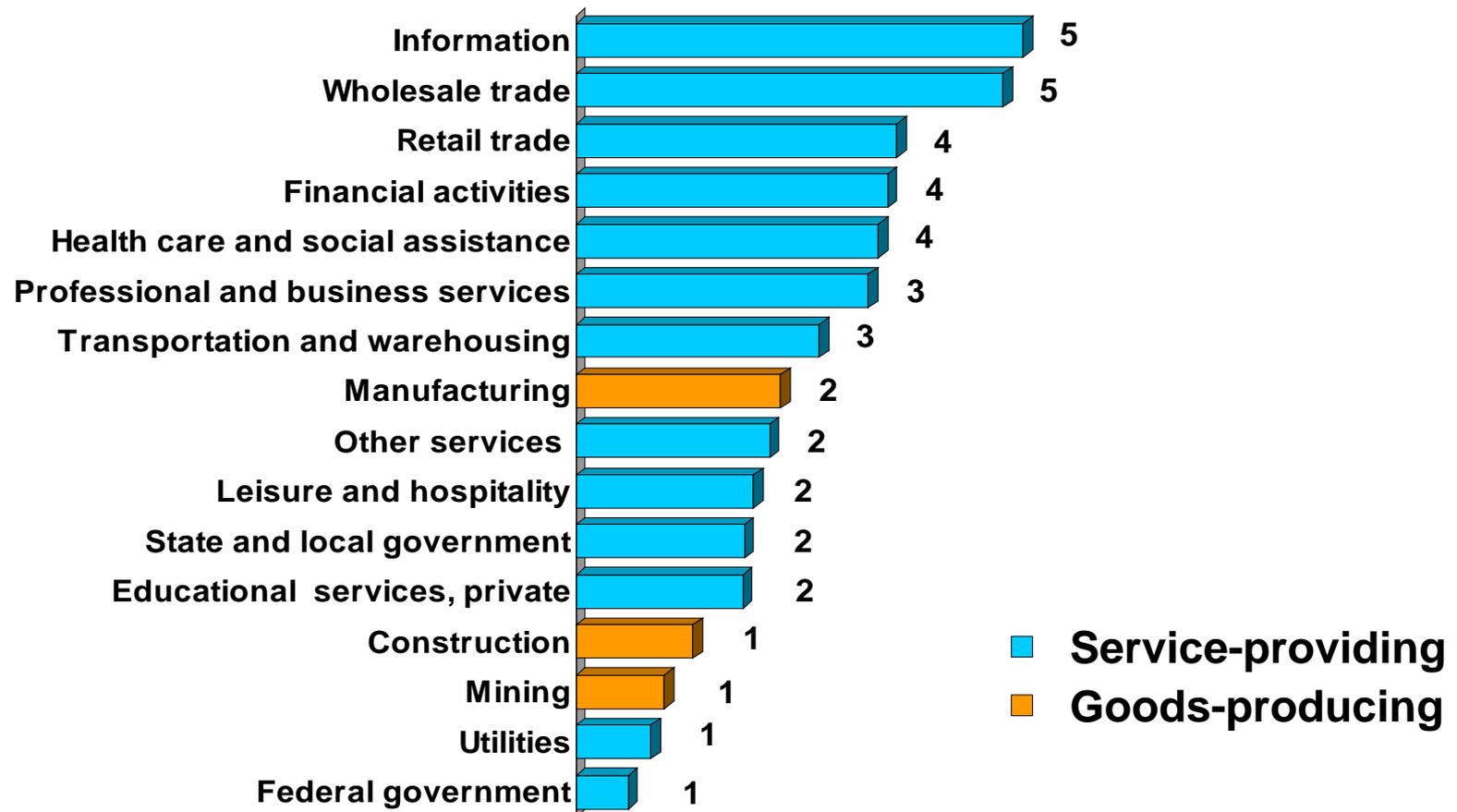
Source: Bureau of Labor Statistics

# Real output growth by industry sector



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Average annual rate, projected 2006-16

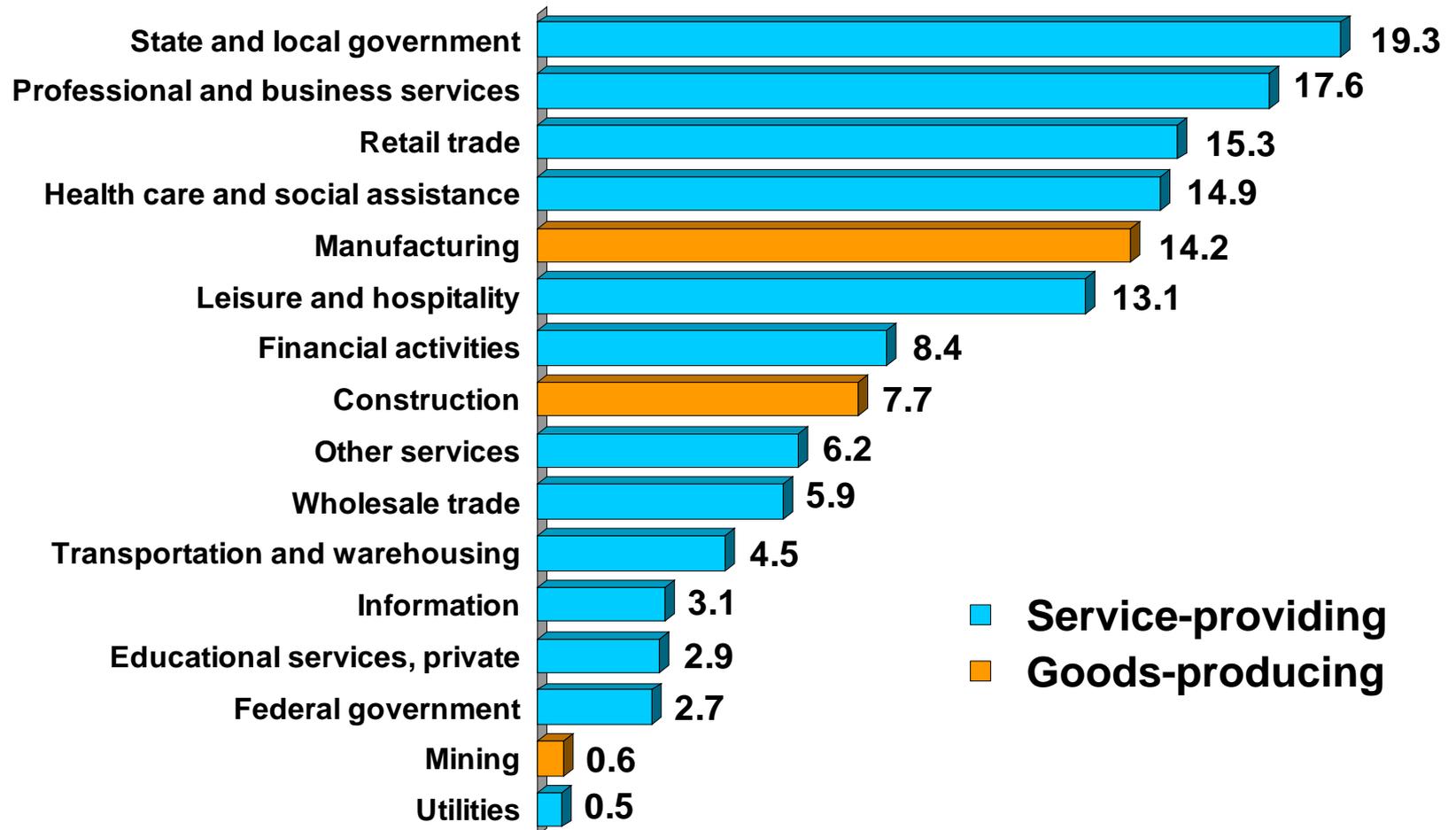


# Wage and salary jobs by industry sector



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Millions of jobs, 2006



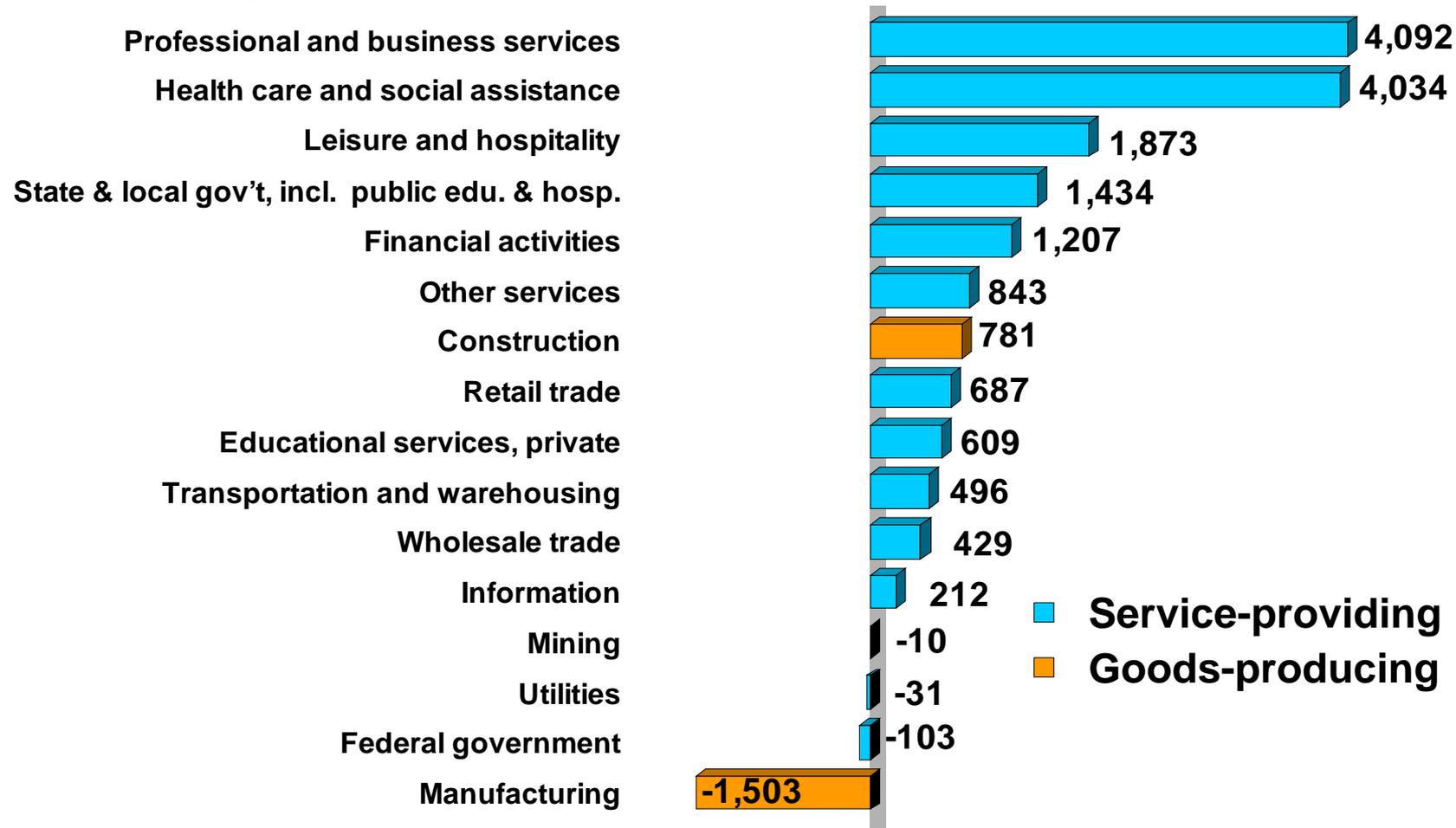
Source: Bureau of Labor Statistics

# Wage and salary growth by industry sector, projected 2006-16



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## Thousands of jobs



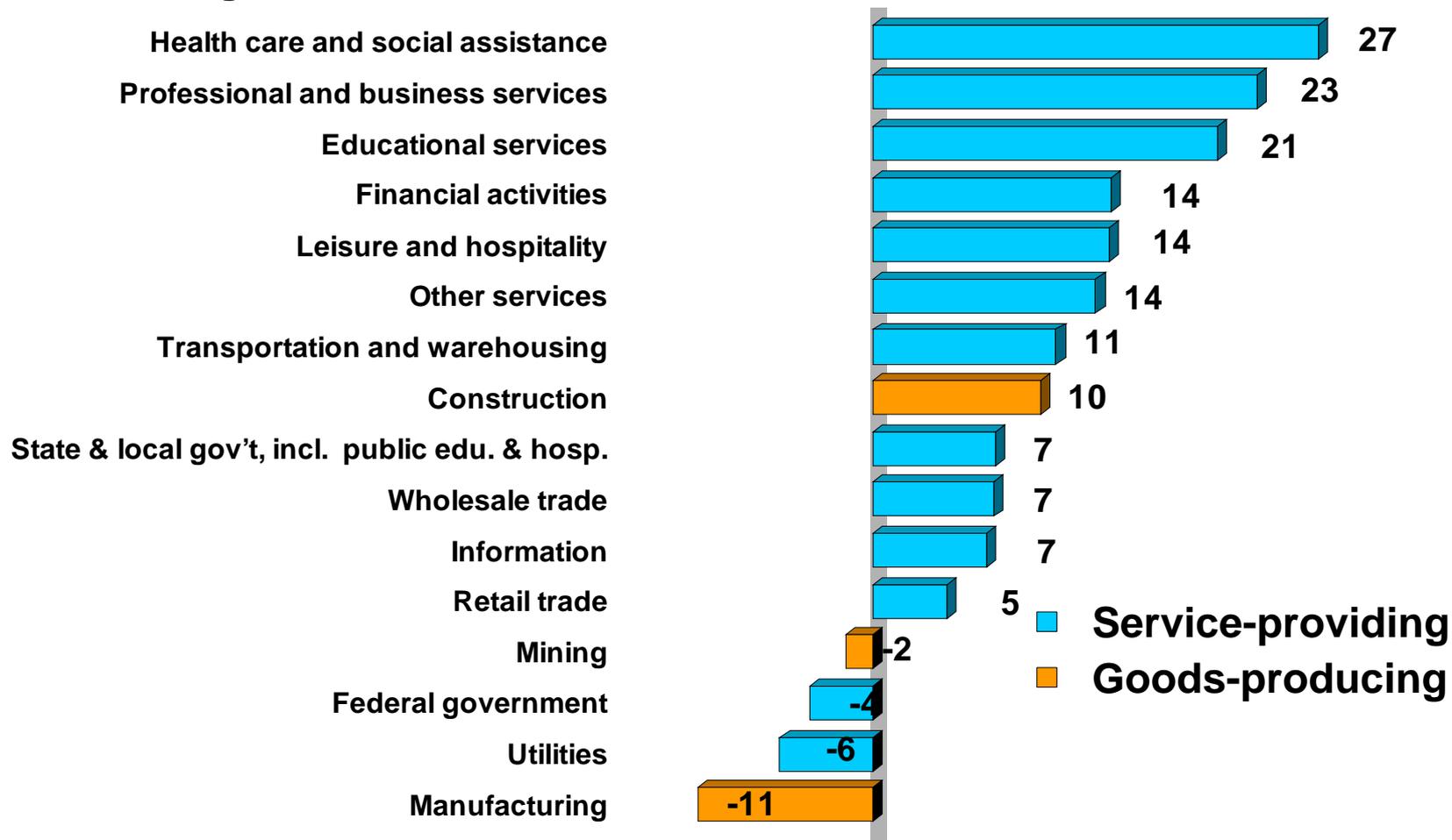
Source: Bureau of Labor Statistics

# Wage and salary growth by industry sector, projected 2006-16



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## Percent change



Source: Bureau of Labor Statistics

# Employment Outlook: 2006-16

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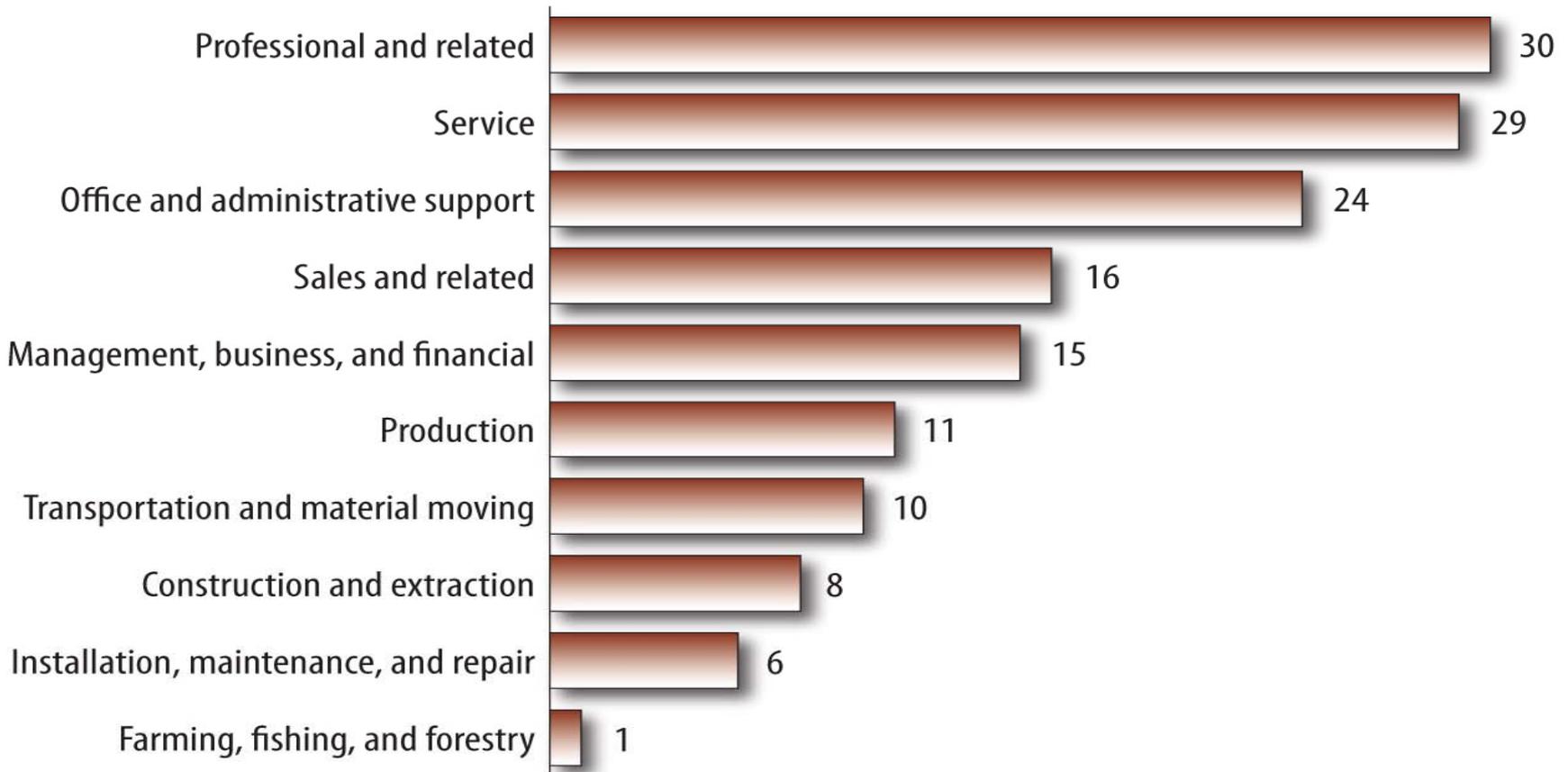
## Occupational Growth

# Numeric employment by major occupational group, 2006



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Millions of jobs





# Percent change in employment by major occupational group, projected 2006-16



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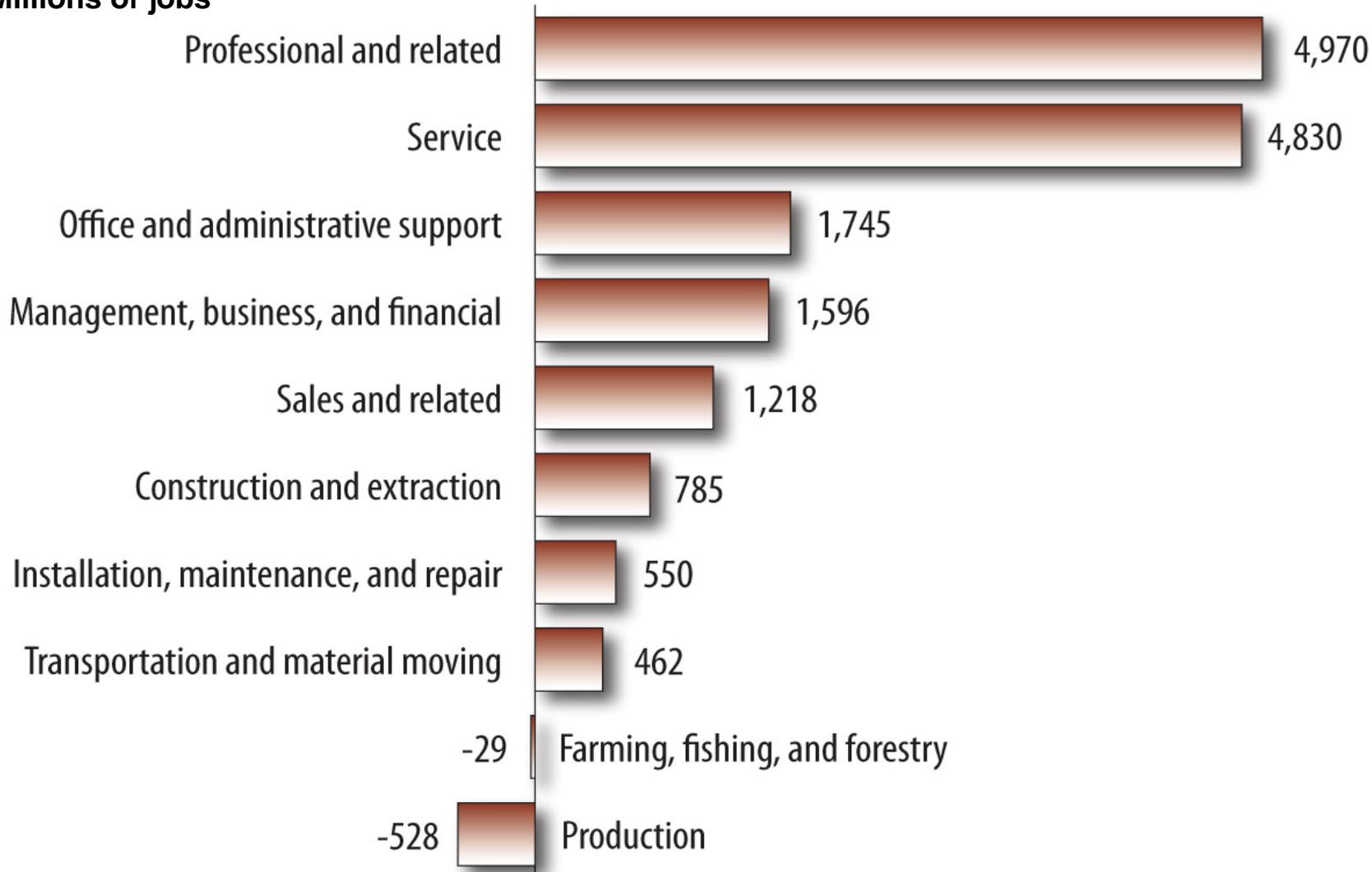


# Numeric change in employment by major occupational group, projected 2006-16



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Millions of jobs

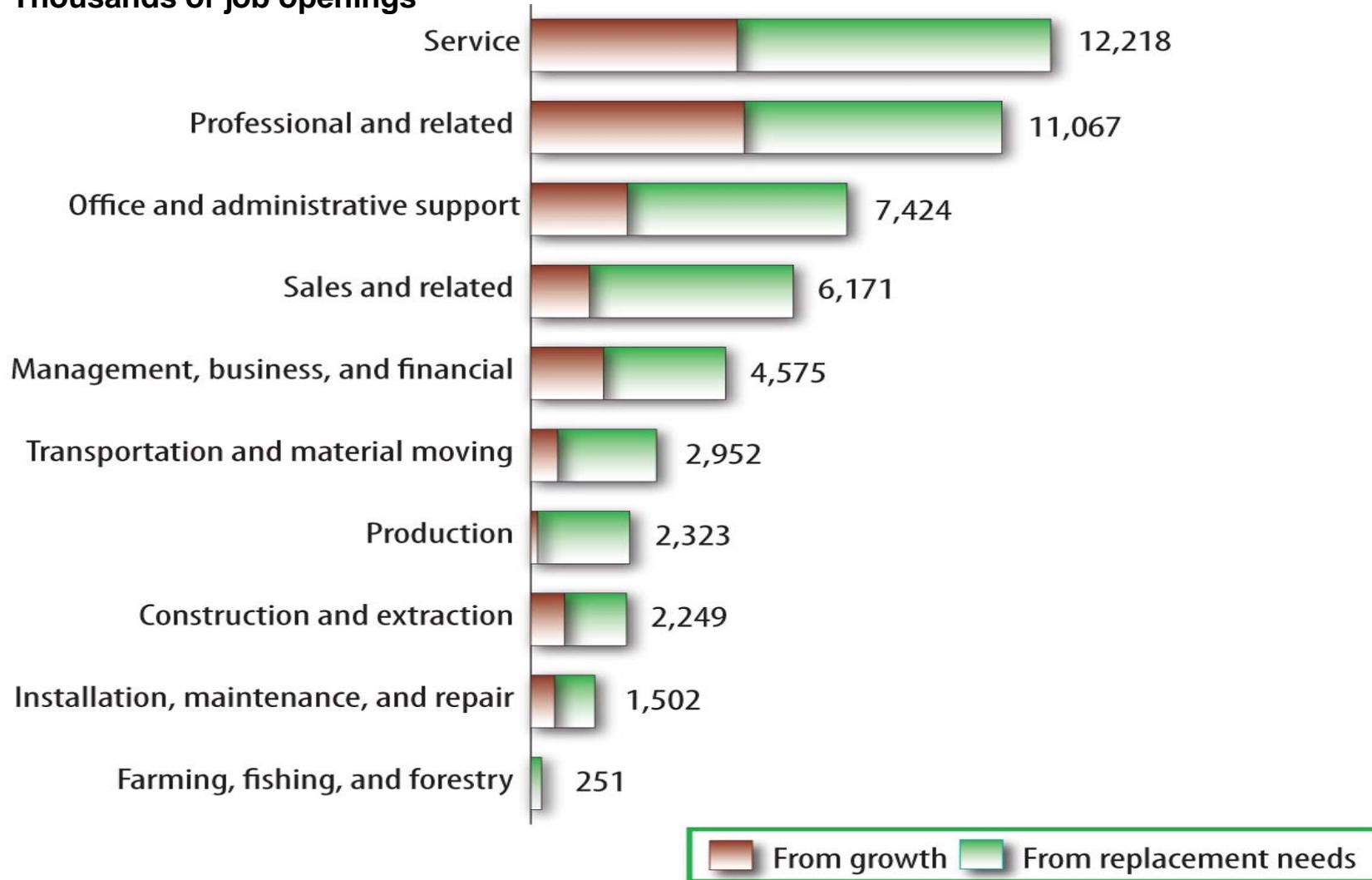


# Job openings by major occupational group, projected 2006-16



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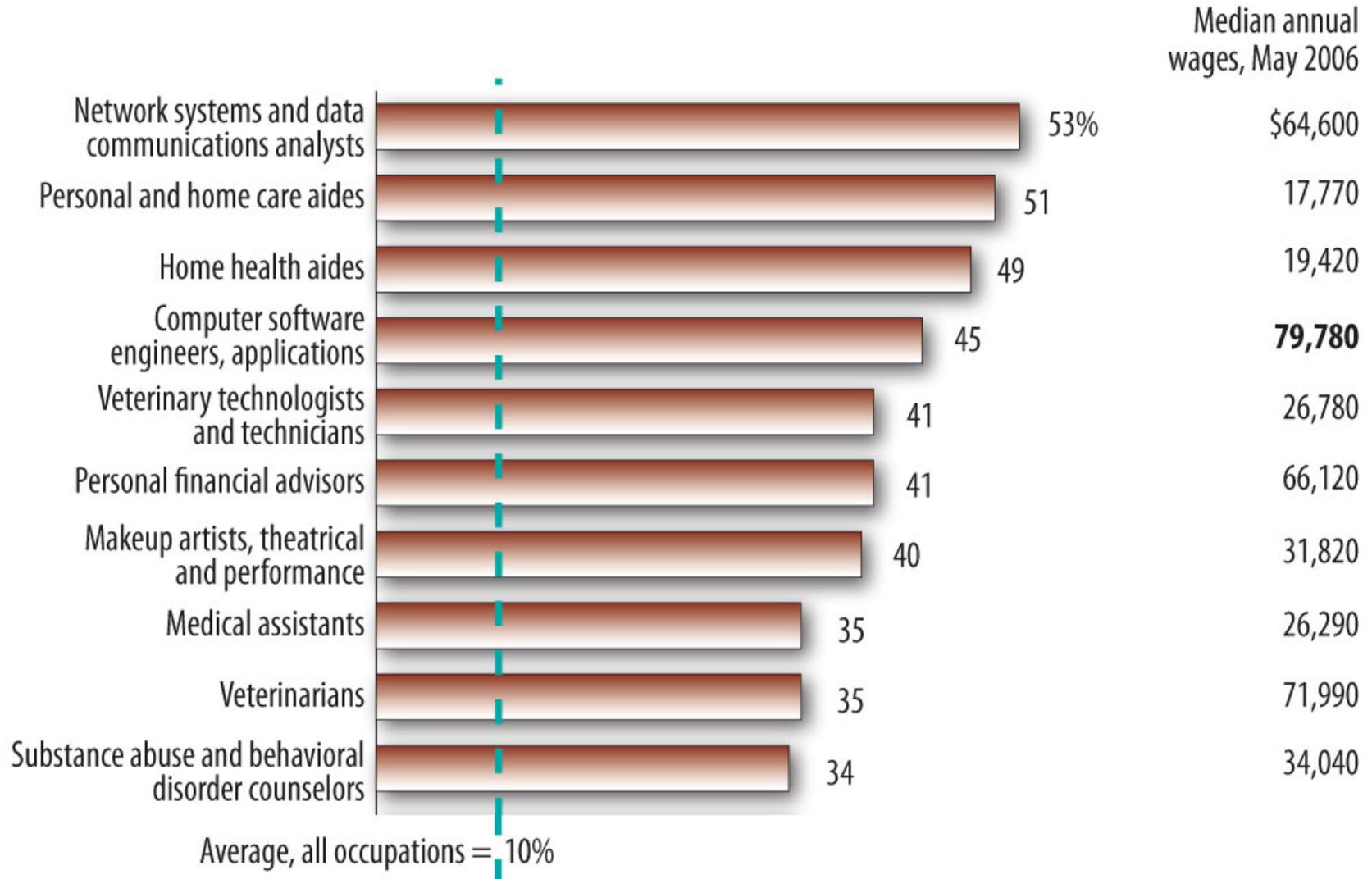
Thousands of job openings



# Percent growth in employment, projected 2006-16



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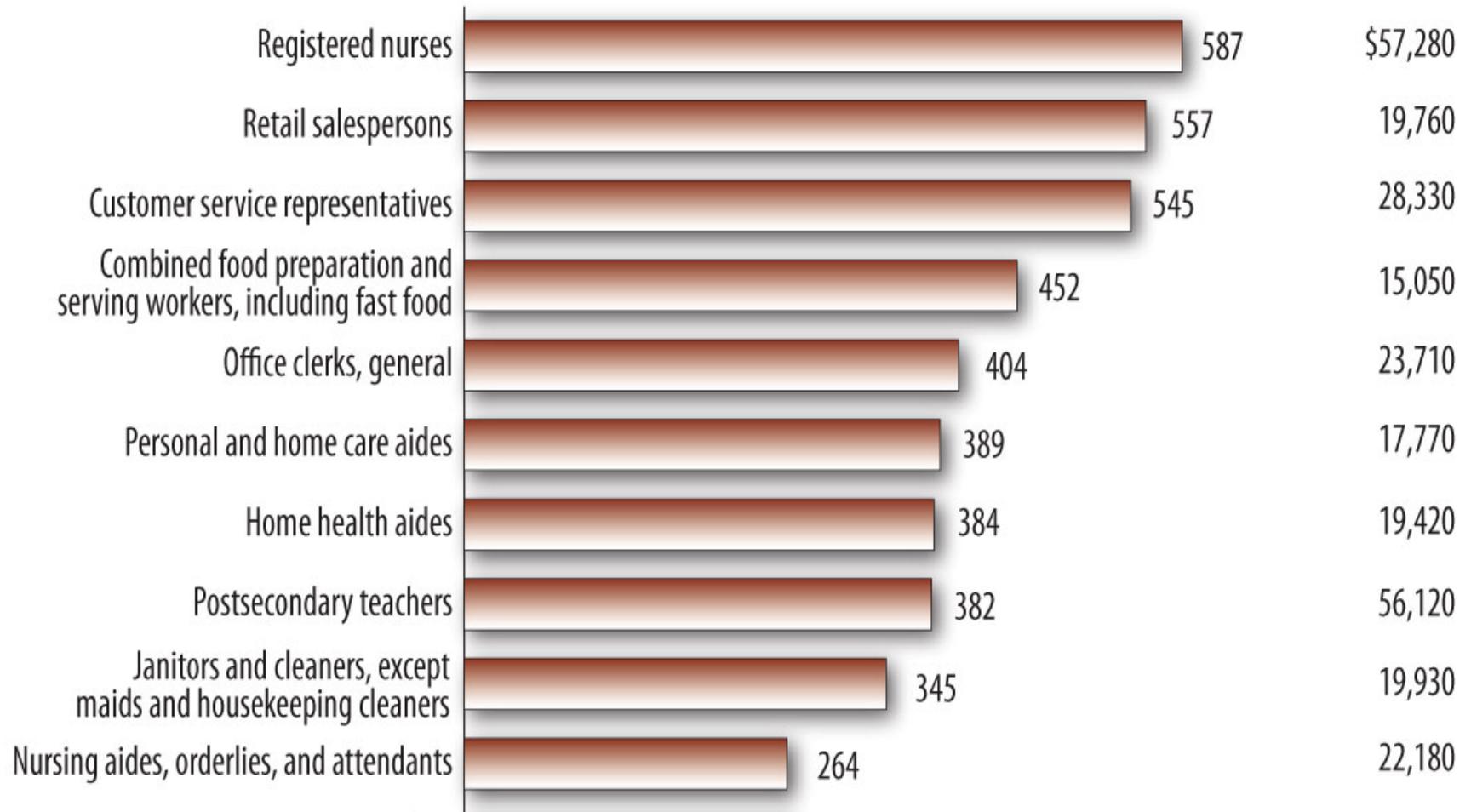
# Numeric growth in employment, projected 2006-16



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Thousands of jobs

Median annual  
wages, May 2006



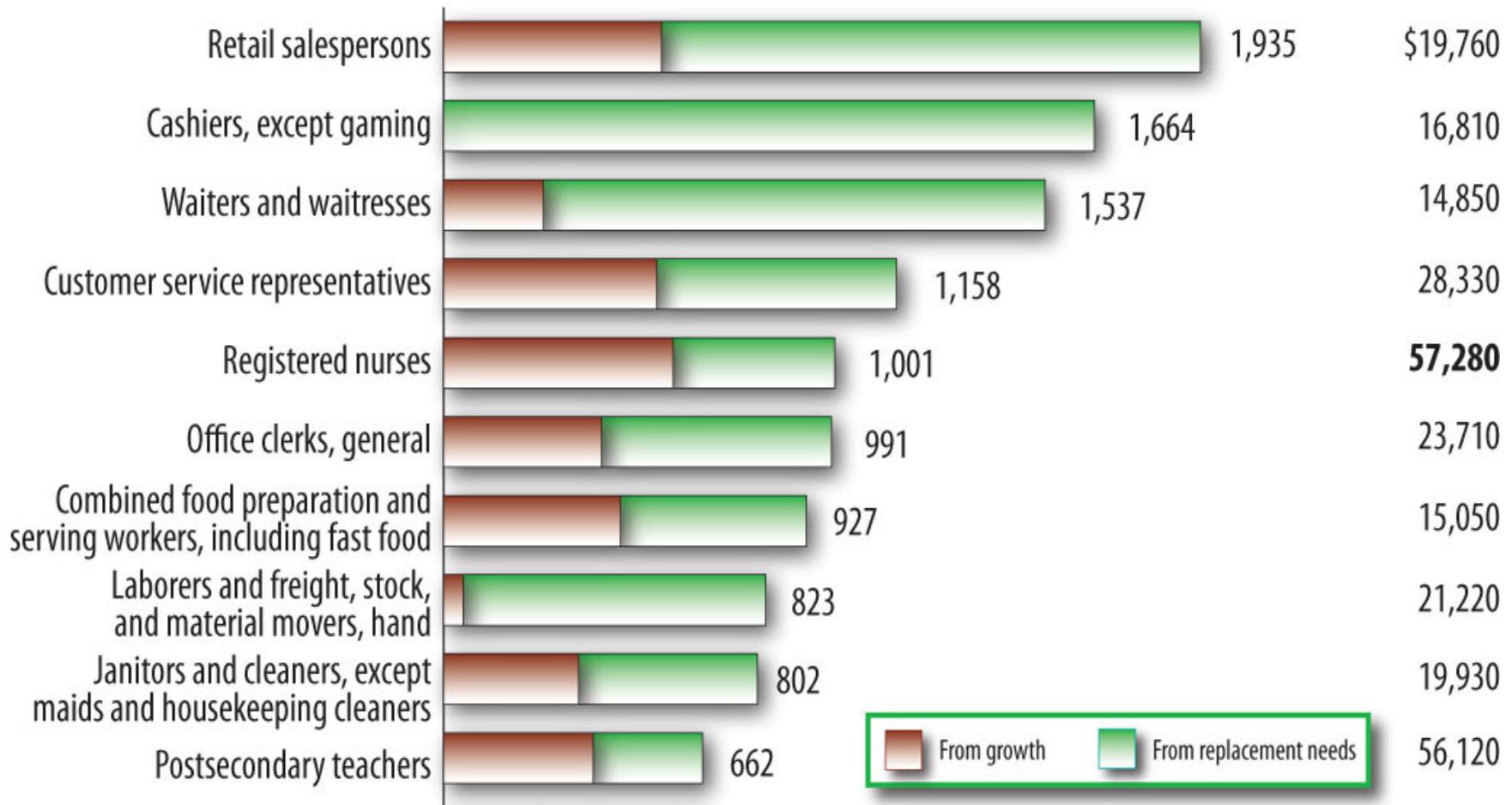
# Job openings due to growth and net replacement needs, projected 2006-16



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Thousands of job openings

Median annual  
wages, May 2006

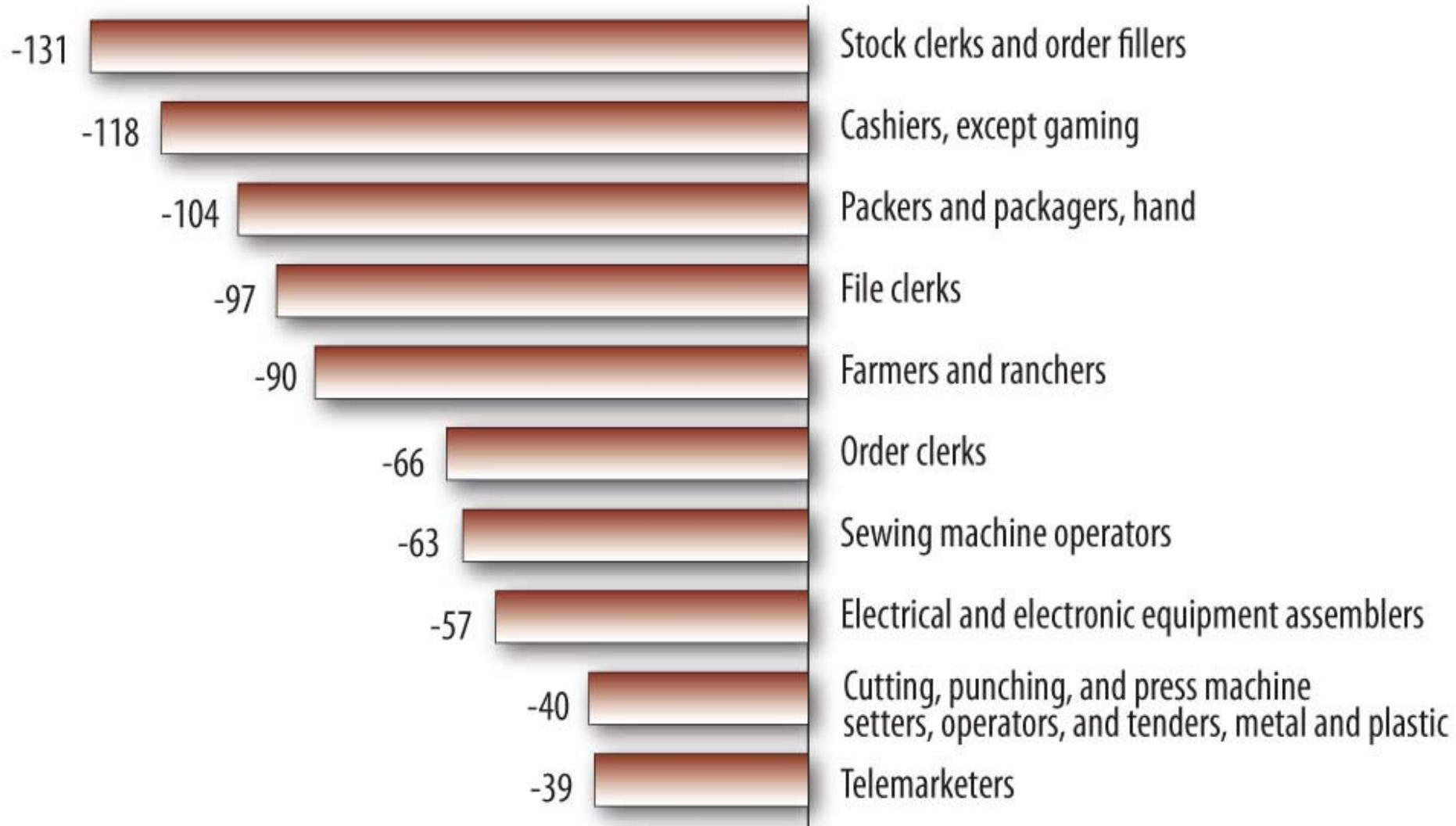


# Decline in employment by occupation, projected 2006-16



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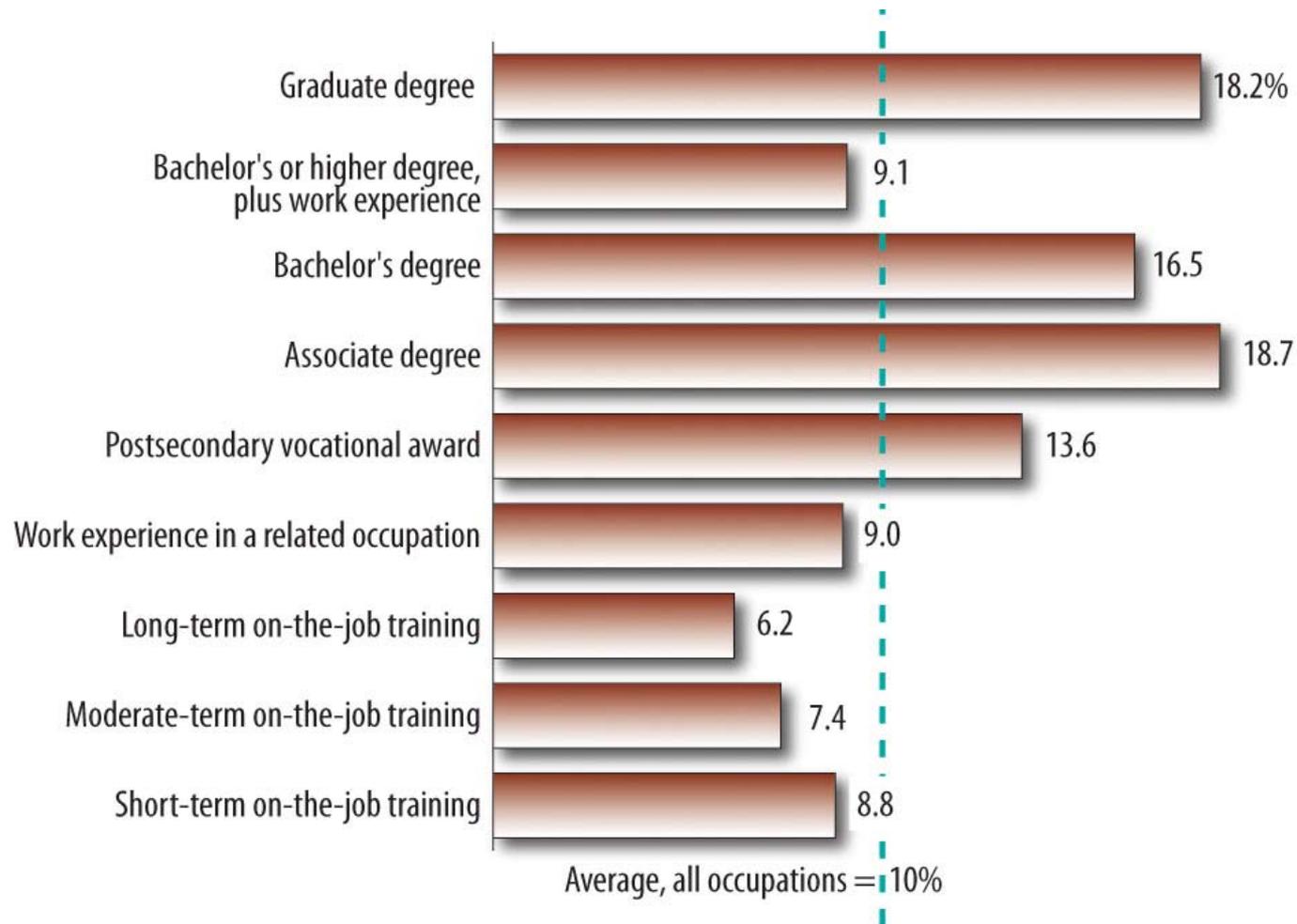
Thousands of jobs



# Percent change in employment by education or training category, projected 2006-16



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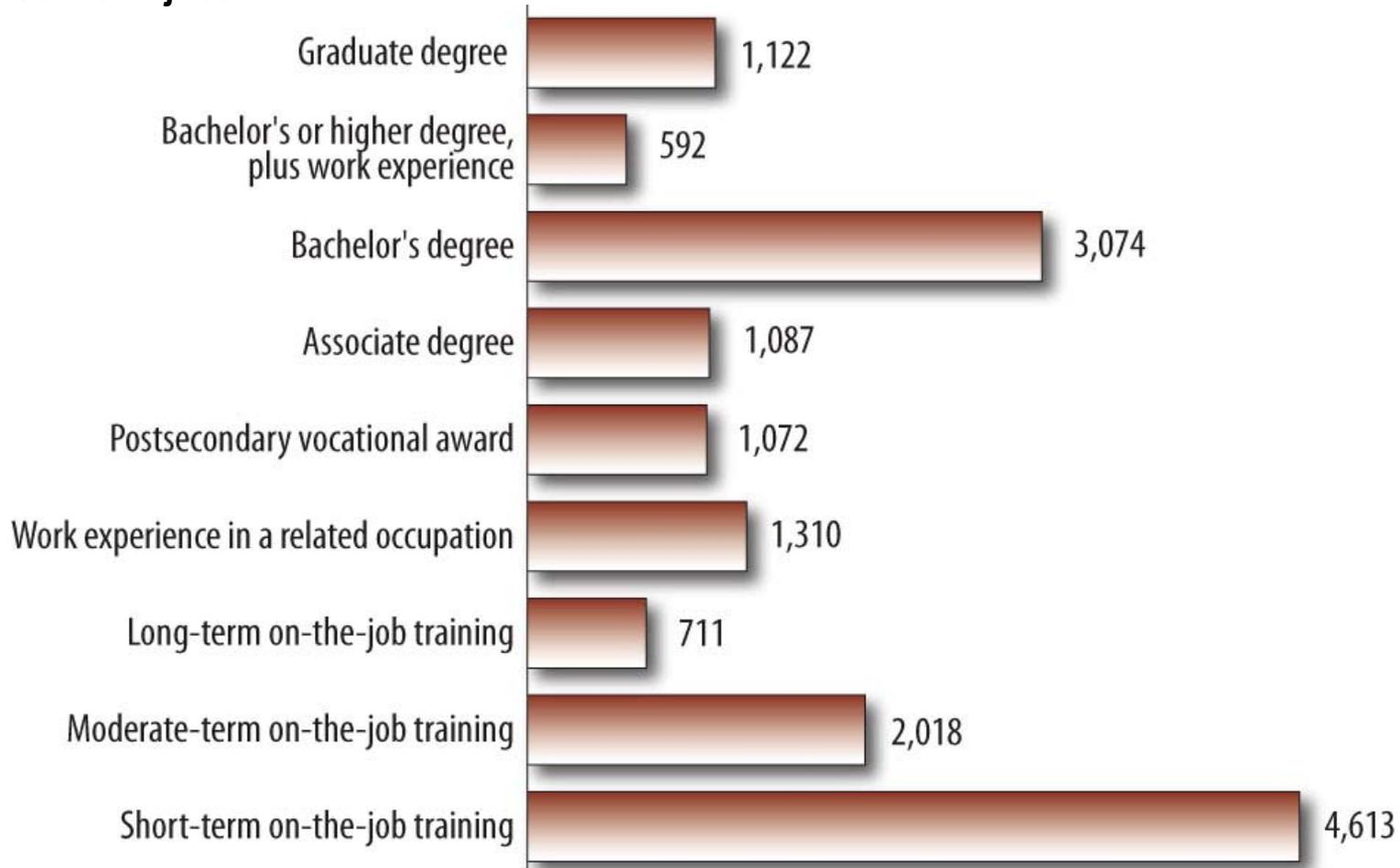


# Numeric change in employment by education or training category, projected 2006-16



Bureau of Labor  
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Thousands of jobs



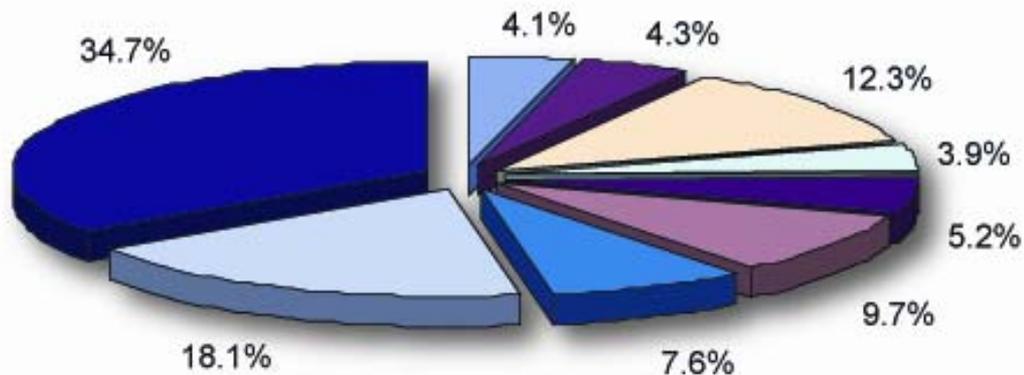


# Percent distribution by education or training category, 2006 and 2016

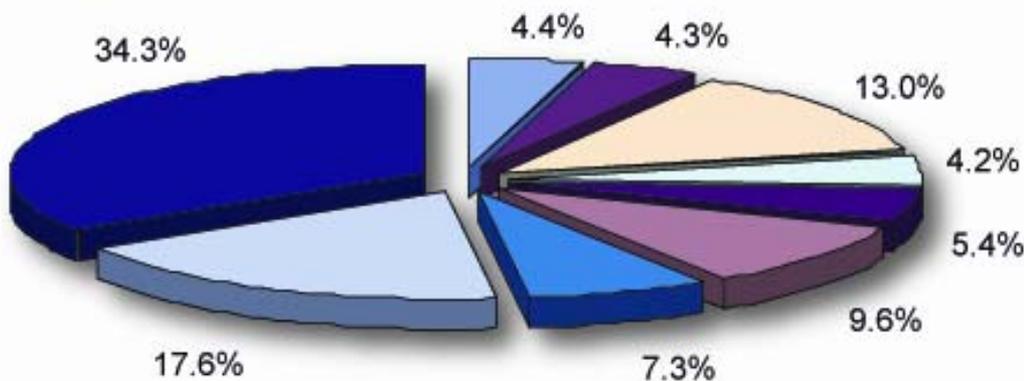


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**2006**



**2016**



- Graduate degree
- Bachelor's or higher degree, plus work experience
- Bachelor's degree
- Associate degree
- Postsecondary vocational award
- Work experience in a related occupation
- Long-term on-the-job training
- Moderate-term on-the-job training
- Short-term on-the-job training

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[www.bls.gov/emp](http://www.bls.gov/emp)

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