



# State Systems Development Program Conference

Present and future employment issues  
[Workforce development track]

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August 20, 2008

# The BLS projections process



- 2006-16 projections cover more than 700 occupations and 200 industries
- 10 year projections, done biennially
- Projections are based on a long-term view of the economy
- Assumes a long-run full-employment economy

# Users and uses



- Students and career counselors—career guidance
- Adult career changers—career information
- Researchers
- Policy makers
- State LMI programs—national projections used to develop state and area projections



# BLS Projections Overview

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Projections are developed for:

- Labor force
- Aggregate economic activity
- Industry output and employment
- Occupational employment

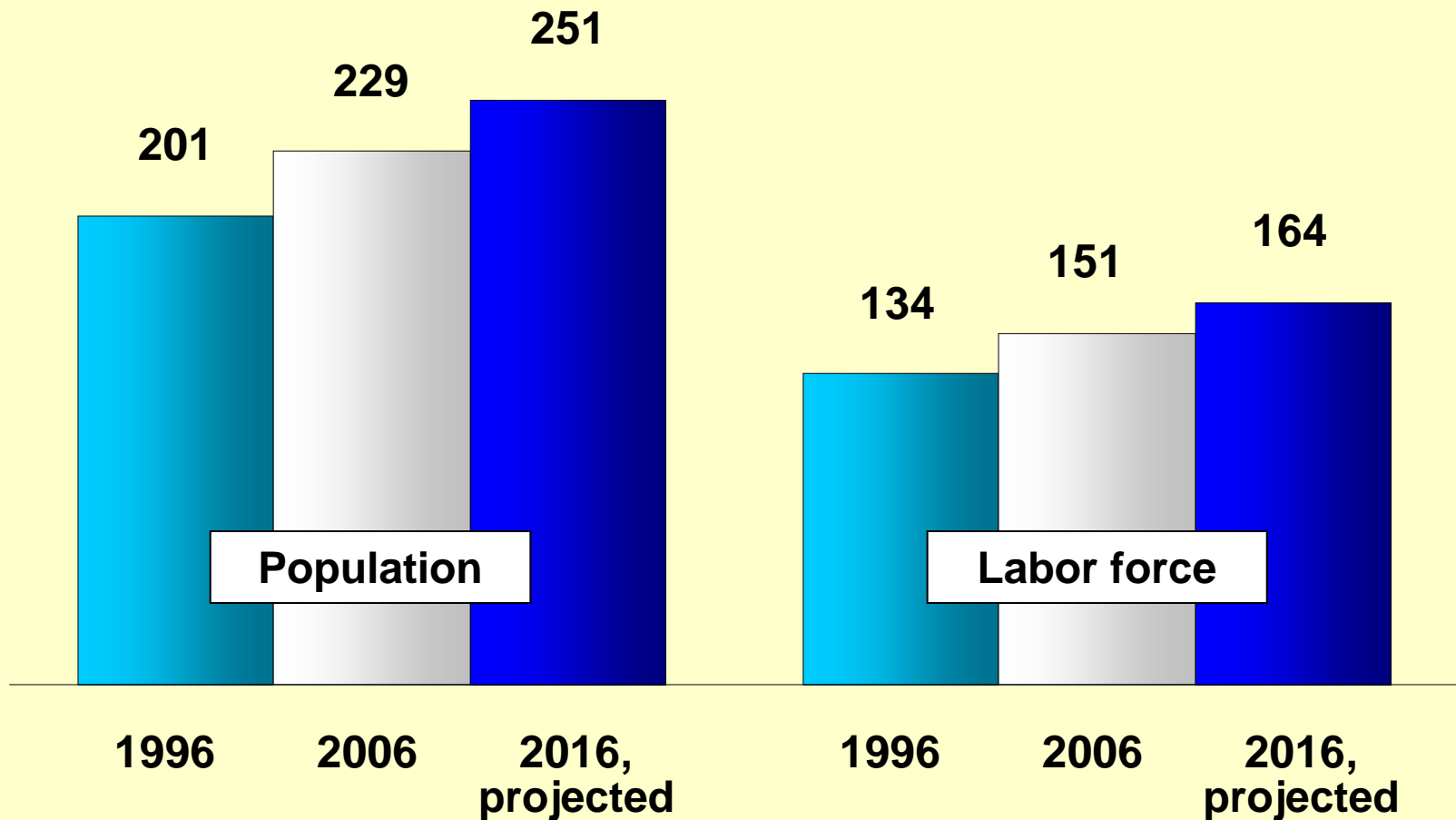


## Growth in Population and Labor Force

# Population and labor force



Millions of persons

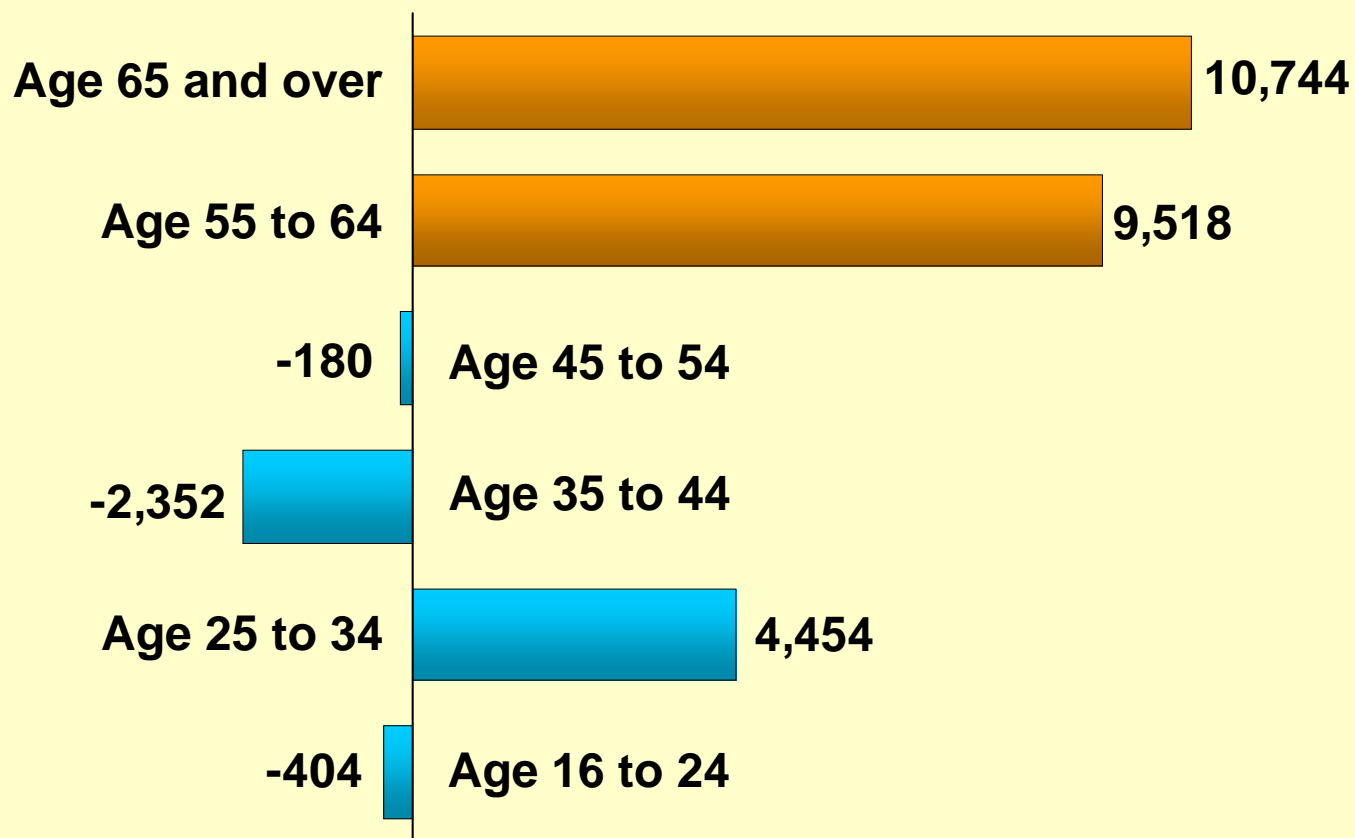


Source: Bureau of Labor Statistics

# Population change by age group



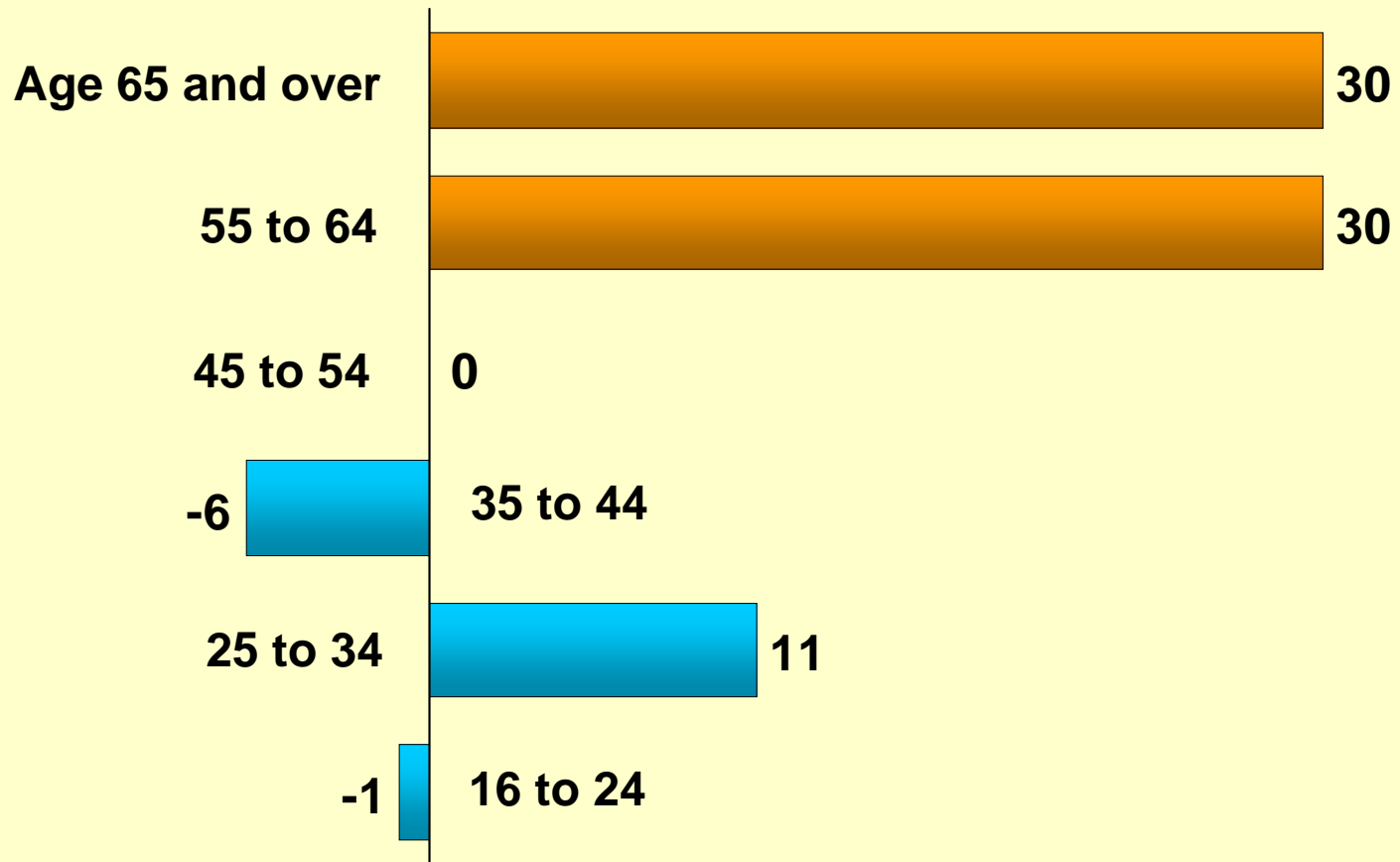
In thousands, projected 2006-16



# Population change by age group



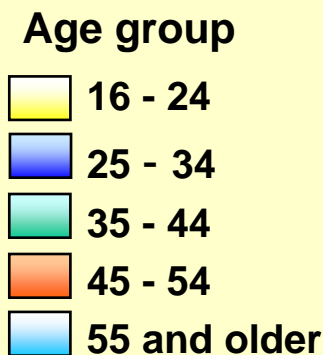
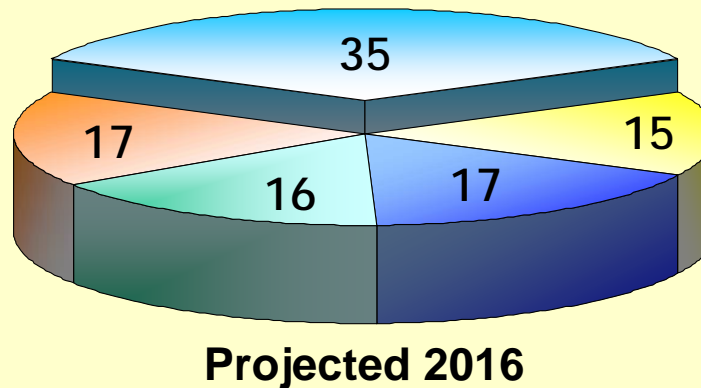
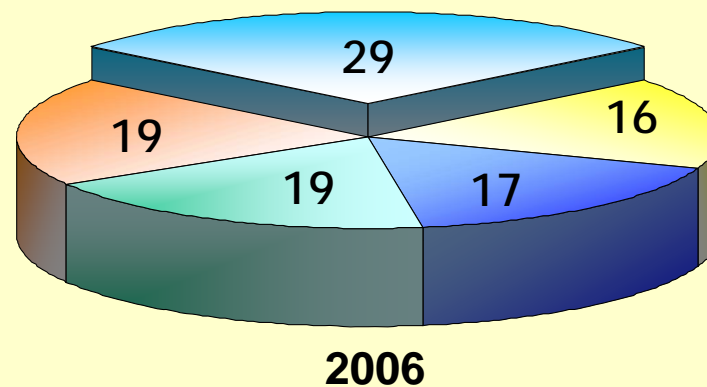
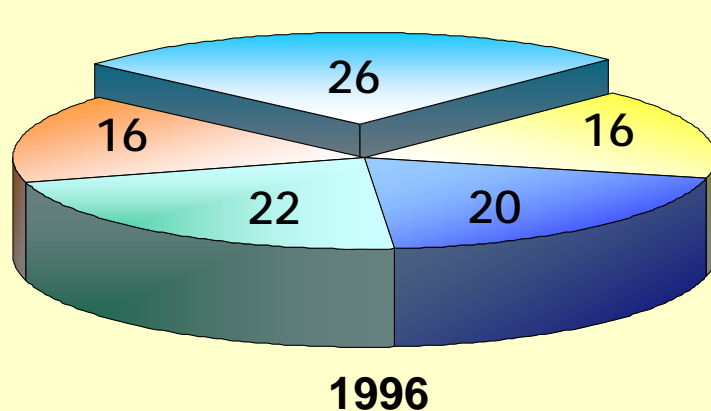
Percent change, projected 2006-16



# Population share by age group



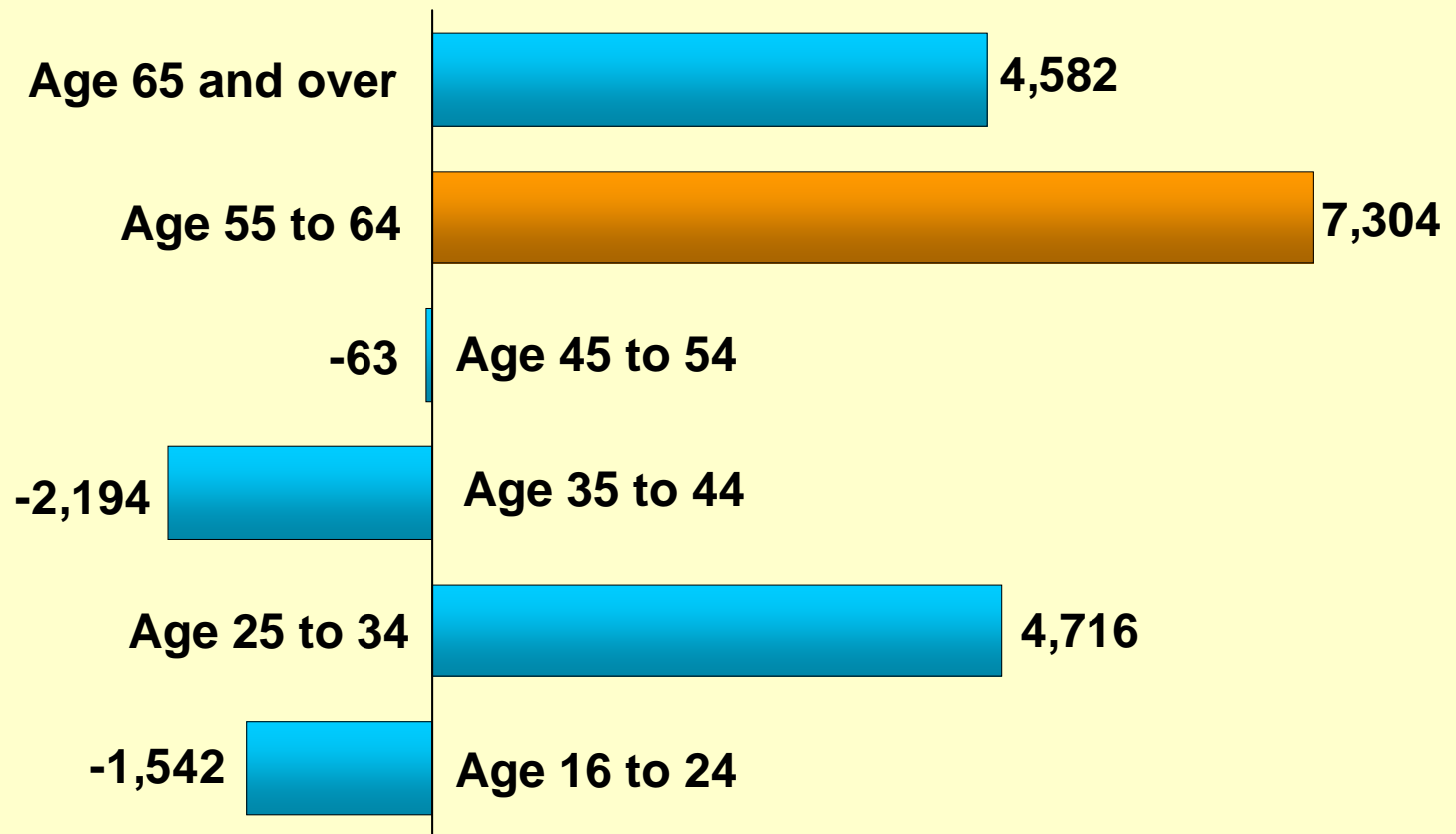
## Percent distribution





# Labor force change by age group

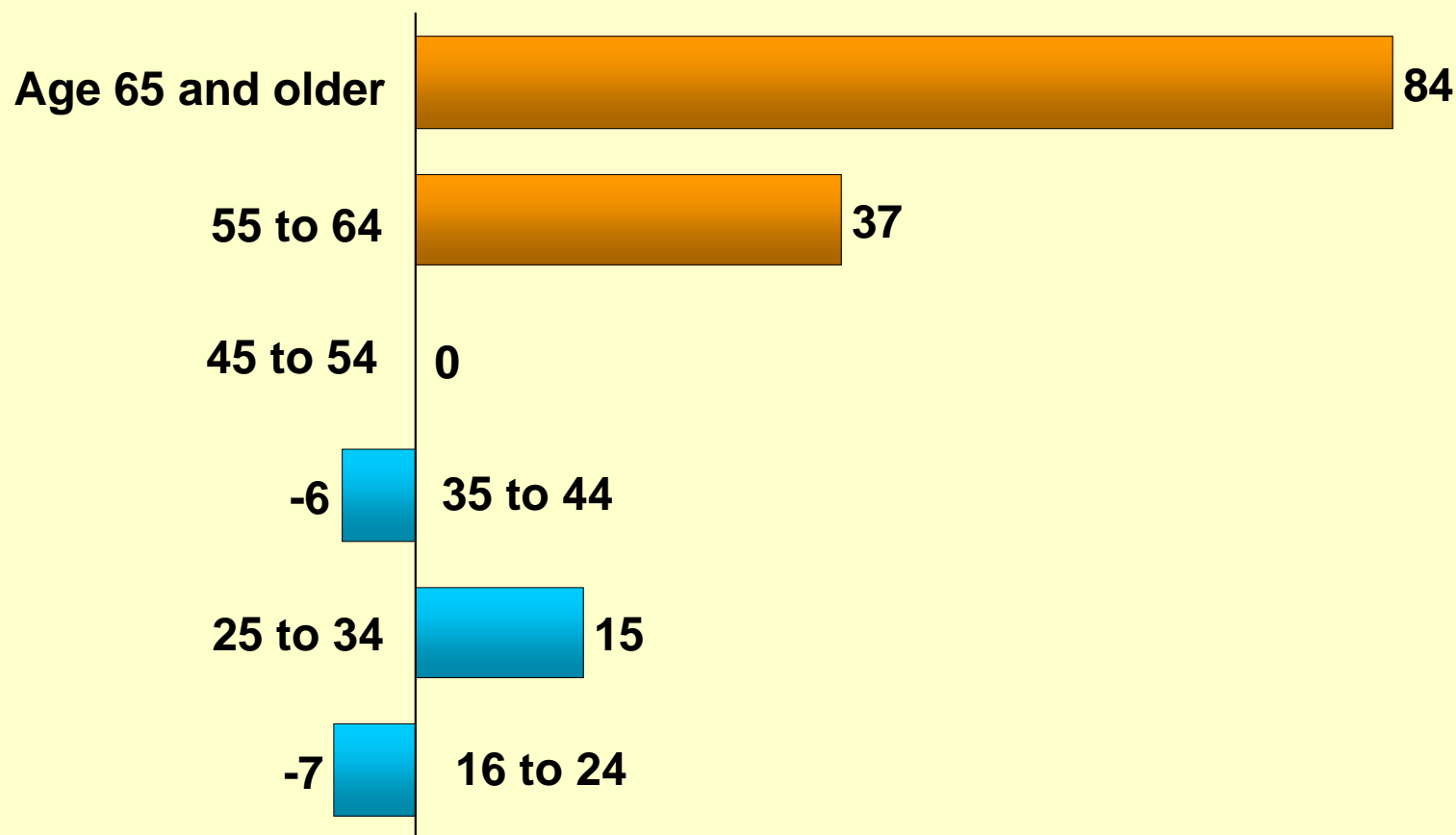
In thousands, projected 2006-16



# Labor force change by age group



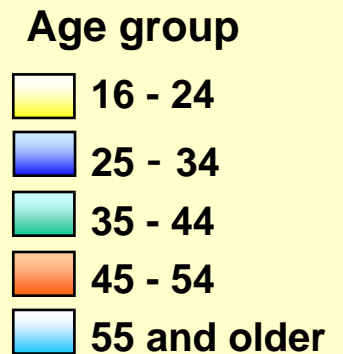
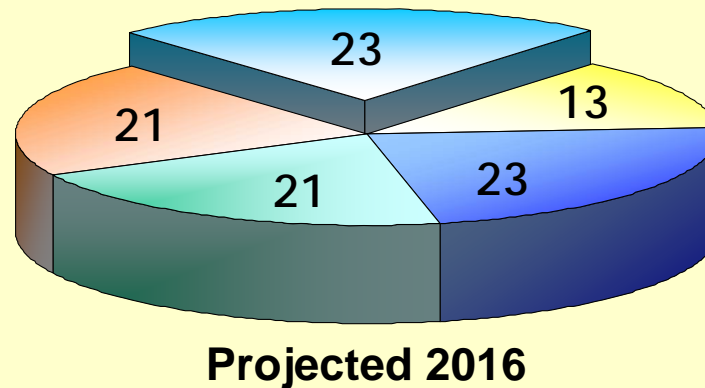
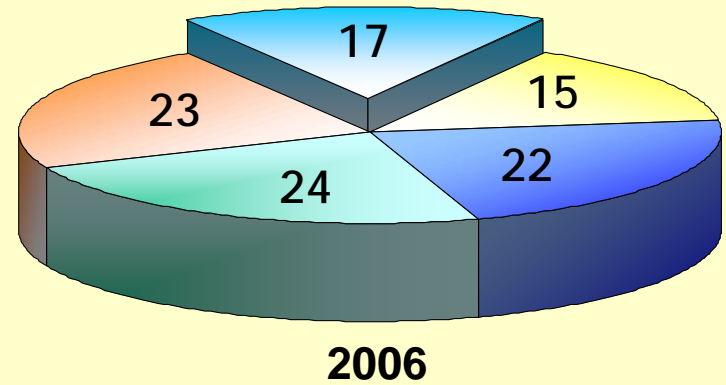
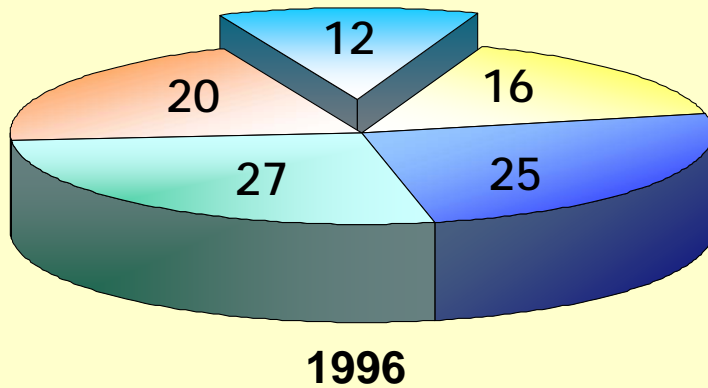
Percent change, projected 2006-16



# Labor force share by age group



## Percent distribution



# Employment Outlook: 2006-16

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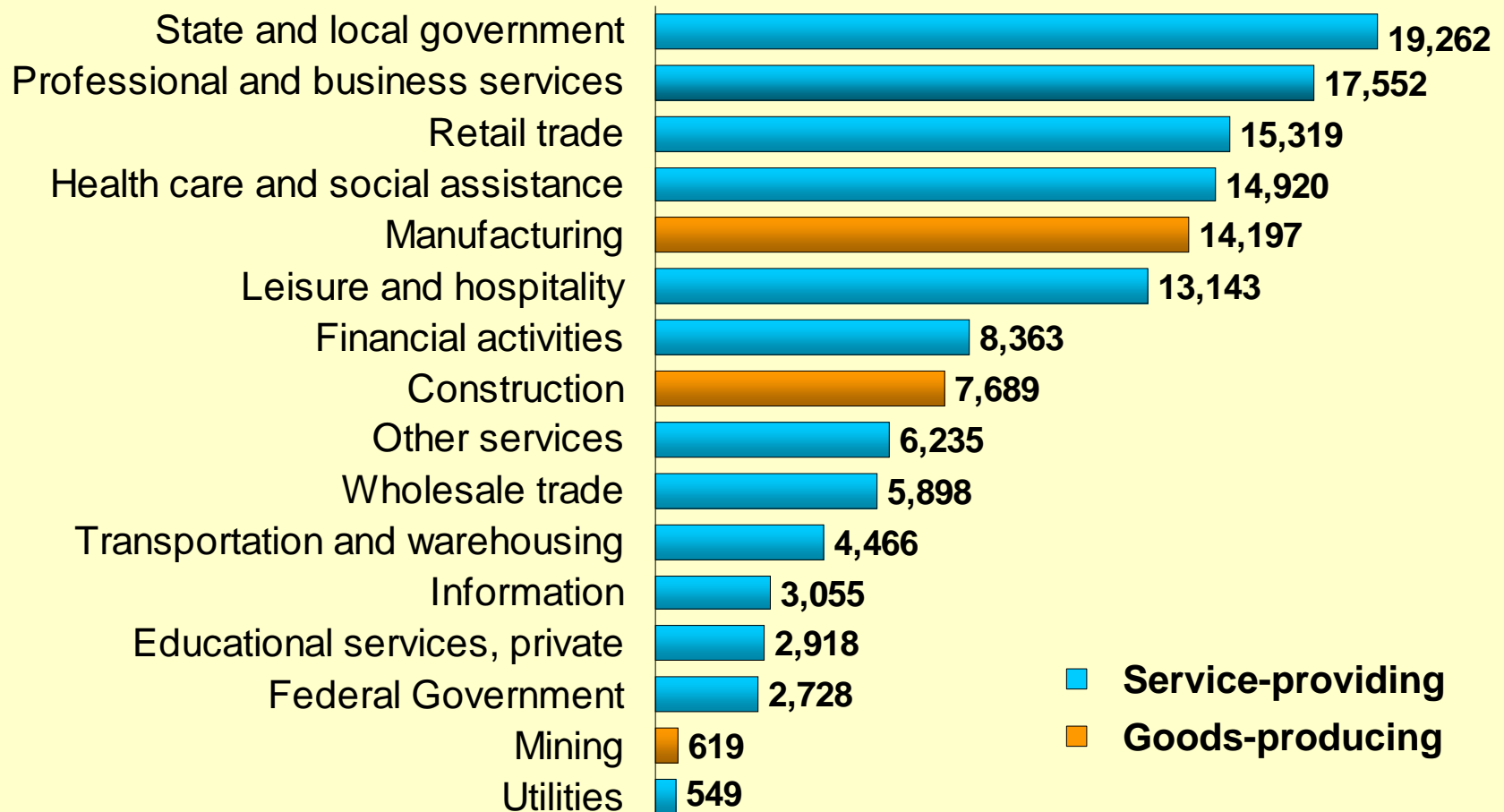


## Industry Growth

# Wage and salary jobs by industry sector



Thousands of jobs, 2006

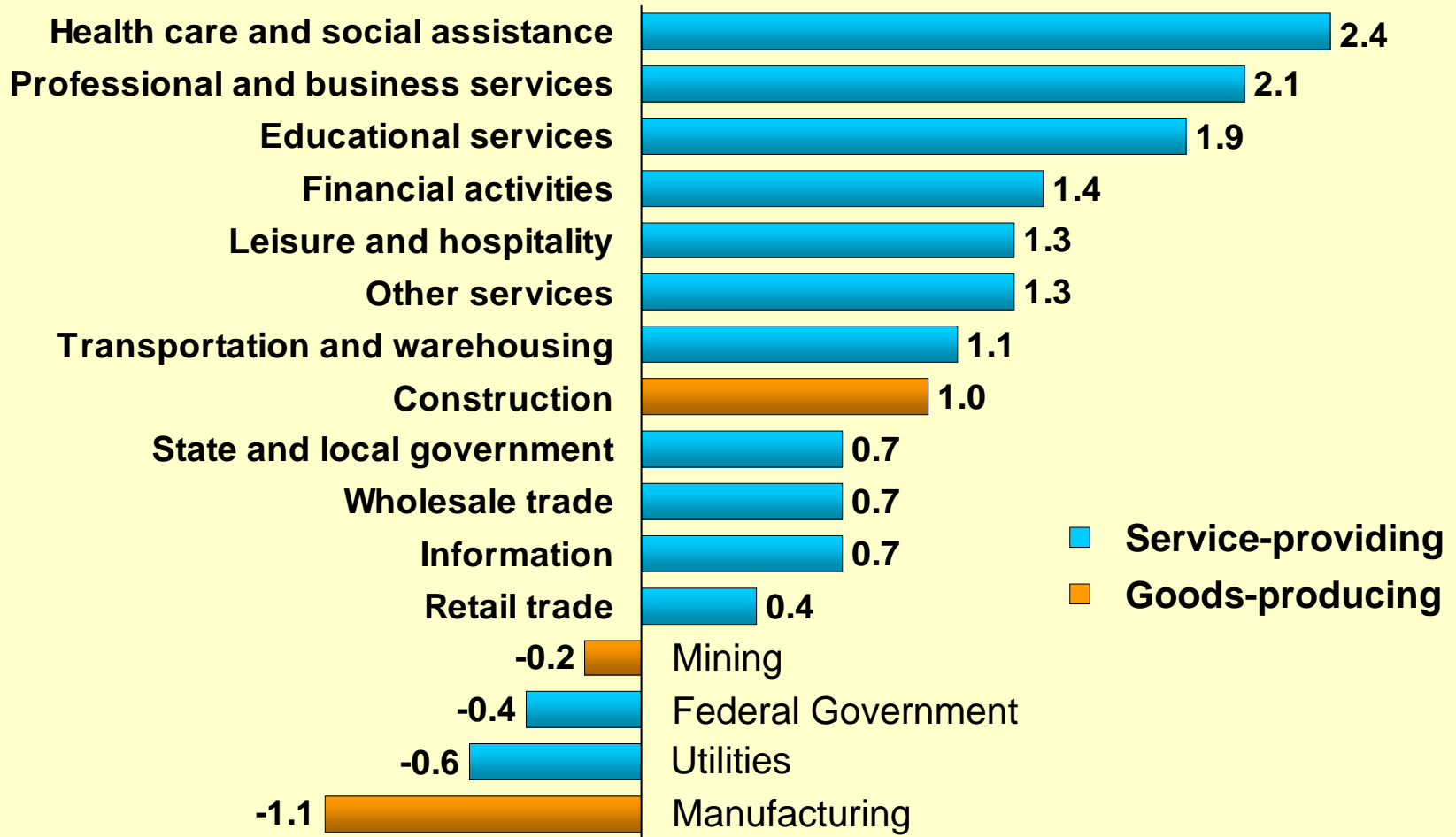


Source: Bureau of Labor Statistics

# Average annual rates of change for wage and salary employment by industry sector



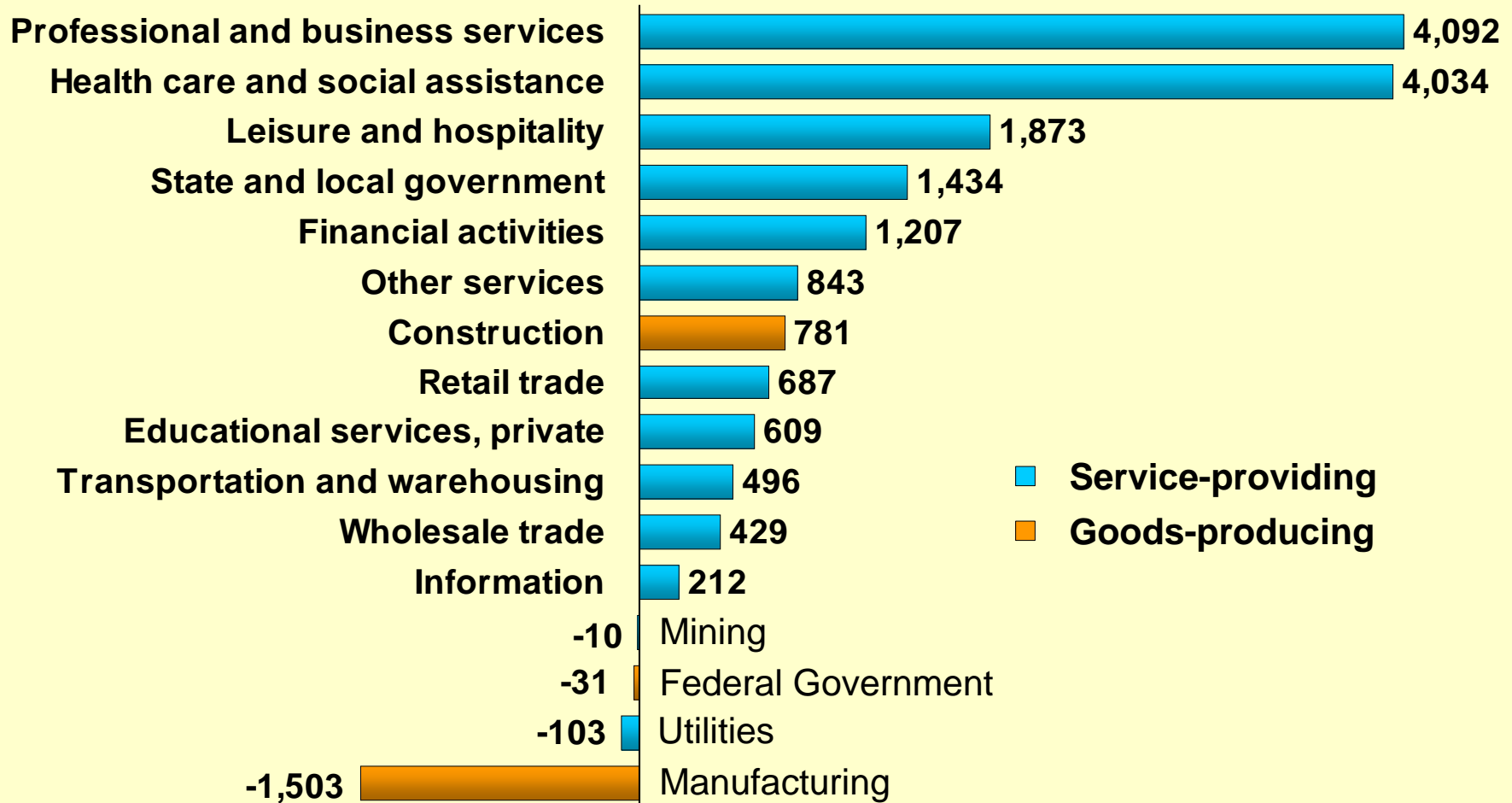
## Projected 2006-16



# Numeric change in wage and salary employment by industry sector



Thousands of jobs, projected 2006-16



# Detailed industry employment and projections



Industry	2006 Employment	2016 Employment	Percent change	Numeric change
Outpatient mental health and substance abuse centers	157,400	194,400	23.5	37,000
Residential mental retardation, mental health, and substance abuse facilities	512,300	673,600	31.5	161,300
Psychiatric and substance abuse hospitals, public and private	252,180	200,000	-20.7	-52,180
Offices of mental health practitioners (except physicians)	55,000	66,300	20.6	11,300
Individual and family services	973,600	1,687,000	73.3	713,400

# Outpatient mental health and substance abuse centers



Occupation	2006 Employment	2016 Employment	Percent change	Numeric change
Total, all occupations	157,400	194,400	23.5	37,000
Mental health counselors	18,271	24,969	36.7	6,698
Mental health and substance abuse social workers	16,479	22,520	36.7	6,041
Substance abuse and behavioral disorder counselors	16,139	24,812	53.7	8,673
Social and human service assistants	13,572	17,001	25.8	3,430
Registered nurses	5,731	6,526	13.9	796
Child, family, and school social workers	4,433	5,049	13.9	615
Clinical, counseling, and school psychologists	3,958	5,394	36.3	1,436
Rehabilitation counselors	3,288	3,744	13.9	456

# Residential mental retardation, mental health, and substance abuse facilities



Occupation	2006 Employment	2016 Employment	Percent change	Numeric change
Total, all occupations	512,300	673,600	31.5	161,300
Home health aides	128,033	179,837	40.5	51,804
Personal and home care aides	46,905	49,193	4.9	2,288
Social and human service assistants	35,496	49,650	39.9	14,154
Nursing aides, orderlies, and attendants	27,209	32,088	17.9	4,879
Rehabilitation counselors	23,632	30,408	28.7	6,777
Mental health and substance abuse social workers	17,426	27,760	59.3	10,334
Substance abuse and behavioral disorder counselors	15,886	24,412	53.7	8,526
Mental health counselors	15,579	22,535	44.7	6,956
Registered nurses	11,770	15,147	28.7	3,377

# Psychiatric and substance abuse hospitals



Occupation	2006 Employment	2016 Employment	Percent change	Numeric change
Total, all occupations	252,180	200,000	-20.7	-52,180
Registered nurses	34,011	29,423	-13.5	-4,588
Psychiatric technicians	28,604	22,495	-21.4	-6,108
Psychiatric aides	23,496	18,479	-21.4	-5,018
Mental health and substance abuse social workers	10,428	8,201	-21.4	-2,227
Licensed practical and licensed vocational nurses	9,991	7,858	-21.4	-2,134
Nursing aides, orderlies, and attendants	9,273	7,293	-21.4	-1,980
Social and human service assistants	5,644	4,439	-21.4	-1,205
Clinical, counseling, and school psychologists	4,478	3,522	-21.4	-956
Mental health counselors	4,587	3,607	-21.4	-979

# Offices of mental health practitioners



Occupation	2006 Employment	2016 Employment	Percent change	Numeric change
Total, all occupations	55,000	66,300	20.6	11,300
Clinical, counseling, and school psychologists	9,685	13,092	22.5	2,406
Mental health counselors	5,397	6,612	22.5	1,215
Mental health and substance abuse social workers	3,060	3,749	22.5	689
Child, family, and school social workers	1,897	2,324	22.5	427
Social and human service assistants	1,585	1,941	22.5	357
Marriage and family therapists	1,565	1,917	22.5	352
Substance abuse and behavioral disorder counselors	1,126	1,379	22.5	254

# Individual and family services



Occupation	2006 Employment	2016 Employment	Percent change	Numeric change
Total, all occupations	973,600	1,687,000	73.3	713,400
Personal and home care aides	197,592	370,175	87.3	172,583
Home health aides	106,369	199,874	87.9	93,506
Social and human service assistants	64,052	130,192	103.3	66,140
Child, family, and school social workers	51,454	85,258	65.7	33,804
Social and community service managers	25,688	42,187	64.2	16,498
Mental health and substance abuse social workers	20,971	34,498	64.5	13,527
Child care workers	20,272	33,397	64.8	13,125
Rehabilitation counselors	19,108	31,004	62.3	11,897
Recreation workers	18,164	28,225	55.4	10,060
Mental health counselors	15,761	26,096	65.6	10,335



## Occupational Growth

# Mental health counselors



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	99,794	129,759	30.0	29,965	\$39,450
Outpatient mental health and substance abuse centers	18,271	24,969	36.7	6,698	39,010
Individual and family services	15,761	26,096	65.6	10,335	39,240
Residential mental retardation, mental health, and substance abuse facilities	15,579	22,535	44.7	6,956	31,550
Local government	9,138	10,265	12.4	1,127	47,420
General medical and surgical hospitals	6,509	7,207	10.7	697	42,700
Offices of mental health practitioners	5,397	6,612	22.5	1,215	44,180
Psychiatric and substance abuse hospitals	4,587	3,607	-21.4	-979	40,970
Other residential care facilities	3,731	4,384	17.5	653	31,030
State government	2,611	2,563	-1.9	-49	51,450
Offices of physicians	1,875	2,362	26.0	487	45,190

# Substance abuse and behavioral disorder counselors



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	83,343	111,971	34.4	28,628	\$37,830
Outpatient mental health and substance abuse centers	16,139	24,812	53.7	8,673	38,030
Residential mental retardation, mental health, and substance abuse facilities	15,886	24,412	53.7	8,526	33,380
Individual and family services	11,271	18,640	65.4	7,370	36,340
General medical and surgical hospitals	4,954	5,485	10.7	531	41,950
Psychiatric and substance abuse hospitals, public and private	4,072	3,522	-13.5	-549	39,240
State government	3,902	3,829	-1.9	-73	39,670
Other residential care facilities	2,653	3,117	17.5	464	36,230
Elementary and secondary schools	2,199	2,317	5.4	118	49,090
Offices of physicians	1,158	1,458	26.0	301	39,560
Offices of mental health practitioners	1,126	1,379	22.5	254	41,810

# Mental health and substance abuse social workers



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	122,272	158,844	29.9	36,572	\$39,380
Individual and family services	20,971	34,498	64.5	13,527	37,520
Residential mental retardation, mental health, and substance abuse facilities	17,426	27,760	59.3	10,334	34,440
Outpatient mental health and substance abuse centers	16,479	22,520	36.7	6,041	39,260
Local government	13,143	14,765	12.3	1,622	44,250
Psychiatric and substance abuse hospitals	10,428	8,201	-21.4	-2,227	43,260
General medical and surgical hospitals	7,340	8,126	10.7	786	47,100
State government	4,135	4,058	-1.9	-77	40,580
Offices of physicians	4,063	5,119	26.0	1,056	42,550
Other residential care facilities	3,666	4,307	17.5	641	33,020
Offices of mental health practitioners	3,060	3,749	22.5	689	42,660

# Child, family, and school social workers



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	282,424	336,376	19.1	53,952	\$41,920
Individual and family services	51,454	85,258	65.7	33,804	35,720
Local government	49,509	55,618	12.3	6,109	46,780
Elementary and secondary schools	35,975	37,911	5.4	1,936	54,750
Other residential care facilities	9,716	11,416	17.5	1,700	34,670
Child day care services	7,554	9,188	21.6	1,635	31,200
Community food and housing, and emergency and other relief services	6,768	7,837	15.8	1,069	32,780
Social advocacy organizations	6,288	7,209	14.7	922	36,110
Residential mental retardation, mental health and substance abuse facilities	4,911	6,321	28.7	1,410	34,660
Outpatient mental health and substance abuse centers	4,433	5,049	13.9	615	36,650
General medical and surgical hospitals	2,540	2,812	10.7	272	44,170

# Social and human service assistants



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	338,743	452,618	33.6	113,876	\$28,450
Individual and family services	64,052	130,192	103.3	66,140	26,300
State government	47,942	42,340	-11.7	-5,602	35,200
Local government	42,018	47,202	12.3	5,184	33,180
Residential mental retardation, mental health and substance abuse facilities	35,496	49,650	39.9	14,154	24,210
Vocational rehabilitation services	25,073	33,595	34.0	8,522	24,760
Community food and housing, and emergency and other relief services	17,467	24,272	39.0	6,805	25,990
Outpatient mental health and substance abuse centers	13,572	17,001	25.3	3,430	25,720
Other residential care facilities	11,780	16,609	41.0	4,829	24,200
General medical and surgical hospitals	8,892	9,844	10.7	952	32,360
Nursing care facilities	6,149	6,683	8.7	534	29,410

# Clinical, counseling, and school psychologists



Industry	2006 Employment	2016 Employment	Percent change	Numeric change	2007 annual wages
Total, all industries	152,381	176,462	15.8	24,081	\$68,150
Elementary and secondary schools	40,474	42,651	5.4	2,178	66,040
Offices of mental health practitioners	9,685	11,866	22.5	2,181	81,620
Individual and family services	7,298	12,026	64.8	4,728	60,030
State government	4,683	4,595	-1.9	-88	72,140
Local government	4,636	5,208	12.3	572	65,630
Psychiatric and substance abuse hospitals	4,478	3,522	-21.4	-956	69,220
Offices of physicians	4,277	5,388	26.0	1,111	93,330
General medical and surgical hospitals	3,998	4,426	10.7	428	69,890
Outpatient mental health and substance abuse centers	3,958	5,394	36.3	1,436	60,760
Residential mental retardation, mental health and substance abuse facilities	2,028	2,611	28.7	583	57,570



# Where to get more information

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- [www.bls.gov/emp](http://www.bls.gov/emp)  
202-691-5700  
[EP\\_INFO@bls.gov](mailto:EP_INFO@bls.gov)
- [Schau.Terry@bls.gov](mailto:Schau.Terry@bls.gov)  
202-691-5720
- [TeixeiraMoffat.Colleen@bls.gov](mailto:TeixeiraMoffat.Colleen@bls.gov)  
202-691-5157

# Employment projections products



- Long-term employment forecasts by industry and occupation
- Career guidance publications
- Technical materials—replacement rates, education or training categories, and more

