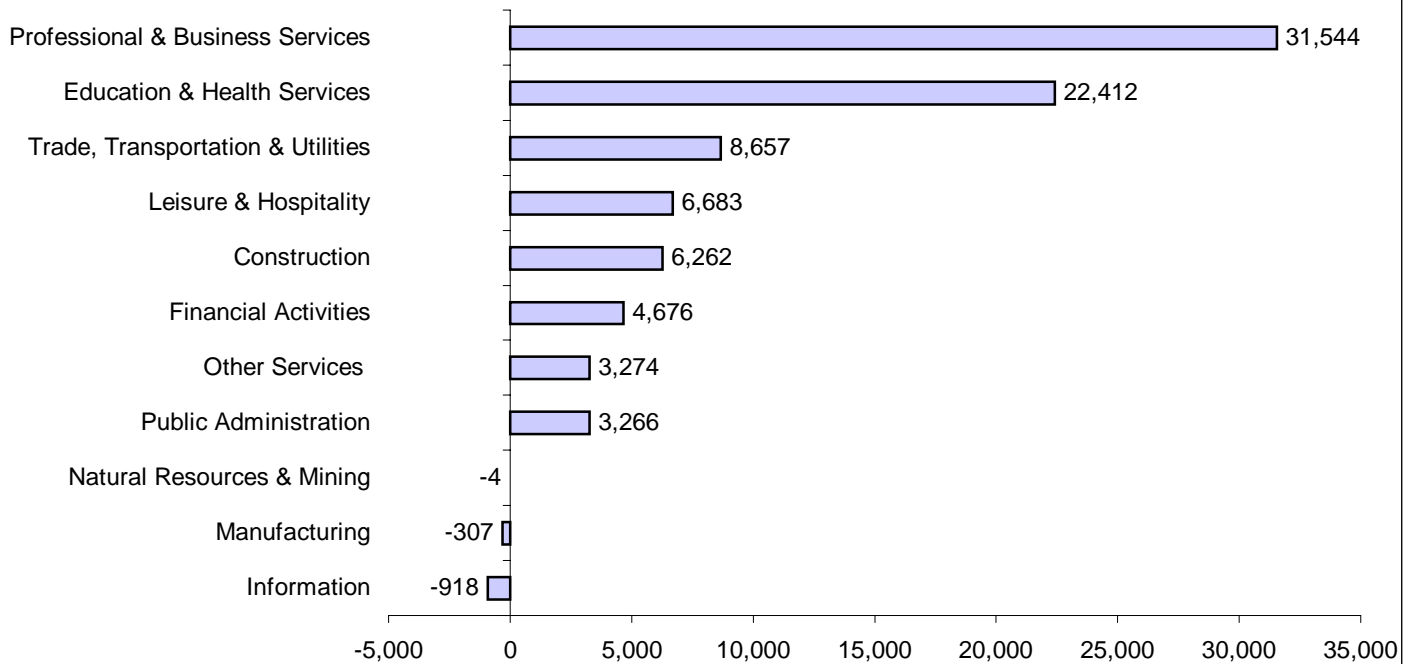


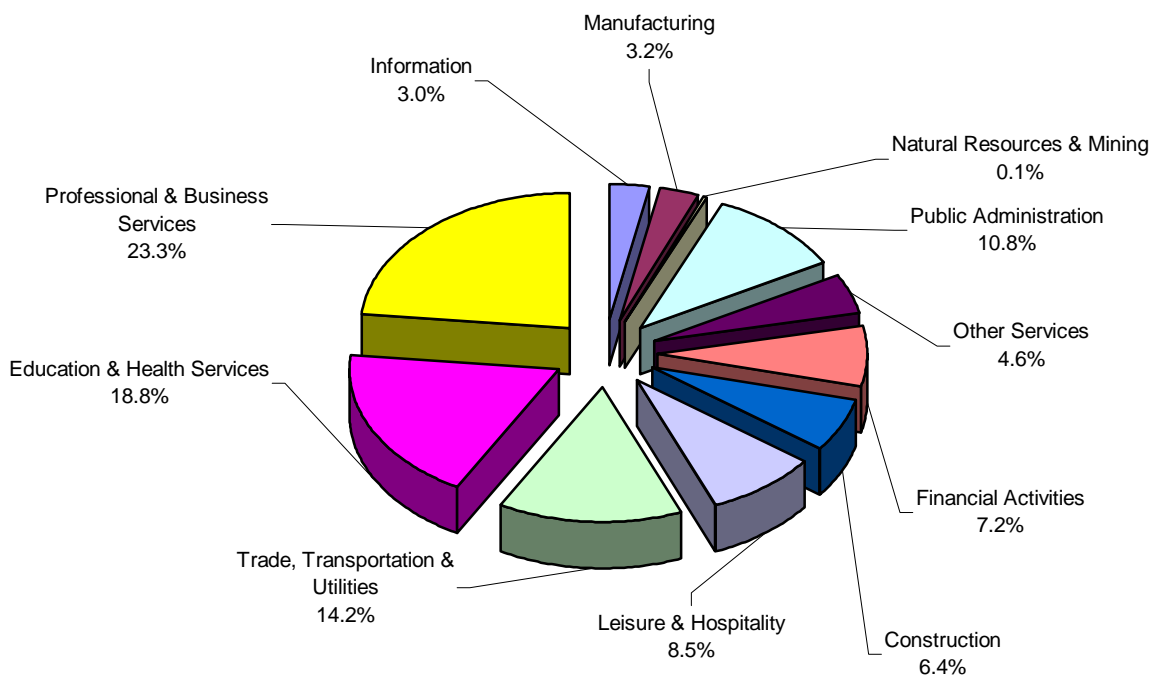
JOB OUTLOOK 2002-2012 MONTGOMERY WORKFORCE AREA

Industry Highlights

Projected Employment Growth 2002-2012



2012 Projected Employment Distribution



JOB OUTLOOK 2002-2012

MONTGOMERY COUNTY WORKFORCE AREA

Industry Highlights

Top Industries 2012	2002 Employment	2012 Employment	2002-2012 Employment Change	
			Number	Percent
Industries with the Most Jobs Projected 2012				
Professional, Scientific & Technical Services	59,601	77,726	18,125	30.4
Administrative & Support Services	29,687	42,475	12,788	43.1
Federal Government	41,179	42,254	1,075	2.6
Educational Services	32,414	39,545	7,131	22.0
Food Services & Drinking Places	24,921	27,819	2,898	11.6
Ambulatory Health Care Services	19,042	23,471	4,429	23.3
Specialty Trade Contractors	16,374	21,157	4,783	29.2
Nursing & Residential Care Facilities	9,398	13,769	4,371	46.5
Local Government, Exc. Educ. & Hospitals	11,559	13,554	1,995	17.3
Hospitals	9,253	12,096	2,843	30.7
Food & Beverage Stores	11,336	11,630	294	2.6
Industries Adding the Most Jobs 2002-2012				
Professional, Scientific & Technical Services	59,601	77,726	18,125	30.4
Administrative & Support Services	29,687	42,475	12,788	43.1
Educational Services	32,414	39,545	7,131	22.0
Specialty Trade Contractors	16,374	21,157	4,783	29.2
Ambulatory Health Care Services	19,042	23,471	4,429	23.3
Nursing & Residential Care Facilities	9,398	13,769	4,371	46.5
Social Assistance	7,092	10,730	3,638	51.3
Food Services & Drinking Places	24,921	27,819	2,898	11.6
Hospitals	9,253	12,096	2,843	30.7
Accommodation	6,535	8,673	2,138	32.7
Industries with the Fastest Growth 2002-2012*				
Electronics & Appliance Stores	2,310	3,823	1,513	65.5
Social Assistance	7,092	10,730	3,638	51.3
Merchant Wholesalers, Nondurable Goods	2,837	4,171	1,334	47.0
Nursing & Residential Care Facilities	9,398	13,769	4,371	46.5
Broadcasting (except Internet)	1,649	2,414	765	46.4
Administrative & Support Services	29,687	42,475	12,788	43.1
Building Material, Garden Equip. & Supplies Dealers	3,233	4,590	1,357	42.0
Securities, Commodity Contracts & Other Finan. Inv.	3,634	5,128	1,494	41.1
Furniture & Home Furnishings Stores	2,394	3,326	932	38.9
* Includes industries with 2002 employment of 1,000 or more.				

JOB OUTLOOK 2002-2012

MONTGOMERY COUNTY WORKFORCE AREA

Occupational Highlights

Top Occupations 2012	2002 Employment	2012 Employment	2002-2012 Employment Change		2002 - 2012 Replacement Openings*
			Number	Percent	
Occupations with the Most Jobs Projected 2012					
General & Operations Managers	13,090	15,725	2,635	20.1	2,470
Retail Salespersons	12,970	14,770	1,800	13.9	4,715
Registered Nurses	8,335	11,160	2,825	33.9	1,745
Cashiers	9,760	10,555	800	8.1	4,750
Janitors & Cleaners, Exc. Maids & Housekeeping Clnrs.	8,375	10,470	2,090	25.0	1,590
Office Clerks, General	8,025	9,090	1,065	13.3	1,780
Secretaries, Exc. Legal, Medical & Executive	8,120	8,160	40	0.5	1,555
Computer Systems Analysts	5,855	7,885	2,030	34.7	660
Executive Secretaries & Administrative Assistants	6,580	7,420	840	12.8	1,260
Security Guards	4,880	6,910	2,030	41.6	1,060
Management Analysts	5,405	6,870	1,465	27.1	740
Occupations Adding the Most Jobs 2002-2012					
Registered Nurses	8,335	11,160	2,825	33.9	1,745
General & Operations Managers	13,090	15,725	2,635	20.1	2,470
Janitors & Cleaners, Exc. Maids & Housekeeping Clnrs.	8,375	10,470	2,090	25.0	1,590
Computer Systems Analysts	5,855	7,885	2,030	34.7	660
Security Guards	4,880	6,910	2,030	41.6	1,060
Computer Software Engineers, Applications	4,280	6,270	1,990	46.5	425
Computer Software Engineers, Systems Software	4,430	6,345	1,915	43.2	440
Retail Salespersons	12,970	14,770	1,800	13.9	4,715
Nursing Aides, Orderlies & Attendants	4,655	6,405	1,755	37.6	610
Management Analysts	5,405	6,870	1,465	27.1	740
Occupations with the Fastest Growth 2002-2012*					
Network Systems & Data Communications Analysts	1,605	2,730	1,125	70.1	190
Home Health Aides	1,395	2,165	770	55.2	185
Social & Human Service Assistants	575	885	310	53.9	100
Personal Financial Advisors	525	805	280	53.3	70
Fitness Trainers & Aerobics Instructors	745	1,105	360	48.3	170
Preschool Teachers, Exc. Special Education	1,990	2,935	945	47.5	235
Computer Software Engineers, Applications	4,280	6,270	1,990	46.5	425
Medical Assistants	895	1,310	415	46.4	165
Database Administrators	615	900	285	46.3	65
* Occupations with 2002 employment of 500 or more.					
Occupations with the Most Replacement Openings 2002-2012					
Cashiers	9,760	10,555	800	8.1	4,750
Retail Salespersons	12,970	14,770	1,800	13.9	4,715
Waiters & Waitresses	5,650	6,440	790	14.0	2,905
General & Operations Managers	13,090	15,725	2,635	20.1	2,470
Combined Food Prep. & Serving Wkrs., Inc. Fast Food	5,520	6,560	1,040	18.8	2,390
Stock Clerks & Order Fillers	5,565	5,245	-320	-5.8	2,060
Office Clerks, General	8,025	9,090	1,065	13.3	1,780
Registered Nurses	8,335	11,160	2,825	33.9	1,745
Janitors & Cleaners, Exc. Maids & Housekeeping Clnrs.	8,375	10,470	2,090	25.0	1,590
Secretaries, Exc. Legal, Medical & Executive	8,120	8,160	40	0.5	1,555

* Demand arising from occupational transfers and labor force separations

JOB OUTLOOK 2002-2012

MONTGOMERY COUNTY WORKFORCE AREA

Occupational Highlights

Top Growth Occupations by Educational Requirements 2002-2012

Occupation	Education	Openings Due to Growth	Median Hourly/Annual Wages
First Professional Degree -- Doctoral -- Master's			
Lawyers	First professional degree	760	41.75
Rehabilitation Counselors	Master's degree	225	13.00
Speech-Language Pathologists	Master's degree	155	31.00
Instructional Coordinators	Master's degree	150	24.50
Physical Therapists	Master's degree	150	32.00
Computer & Information Scientists, Research	Doctoral degree	140	46.00
Market Research Analysts	Master's degree	135	27.00
Bachelor's Degree -- Bachelor's Degree or Higher, plus Work Experience			
General & Operations Managers	Bachelor's/higher + work exp.	2,635	46.50
Computer Systems Analysts	Bachelor's degree	2,030	39.00
Computer Software Engineers, Applications	Bachelor's degree	1,990	37.00
Computer Software Engineers, Systems Software	Bachelor's degree	1,915	43.00
Management Analysts	Bachelor's/higher + work exp.	1,465	38.75
Network Systems & Data Communications Analysts	Bachelor's degree	1,125	39.25
Accountants & Auditors	Bachelor's degree	1,040	27.25
Computer & Information Systems Managers	Bachelor's/higher + work exp.	805	52.75
Associate Degree -- Postsecondary Vocational Training			
Registered Nurses	Associate degree	2,825	32.00
Computer Support Specialists	Associate degree	1,005	20.75
Preschool Teachers, Exc. Special Education	Postsecondary vocational trng.	945	10.75
Licensed Practical & Licensed Vocational Nurses	Postsecondary vocational trng.	550	21.50
Automotive Service Technicians & Mechanics	Postsecondary vocational trng.	550	22.00
Fitness Trainers & Aerobics Instructors	Postsecondary vocational trng.	360	13.50
Radiologic Technologists & Technicians	Associate degree	240	27.00
Work Experience in a Related Occupation -- Long-term On-the-Job Training			
Carpenters	Long-term OJT	895	20.50
Plumbers, Pipefitters & Steamfitters	Long-term OJT	640	22.25
First-Line Supv./Mgrs. of Constr. Trades & Extraction Wkrs.	Work exp. in a rel. occupation	580	32.00
First-Line Supv./Mgrs. of Food Prep. & Serving Wkrs.	Work exp. in a rel. occupation	480	13.25
First-Line Supv./Mgrs. of Office & Admin. Support Wkrs.	Work exp. in a rel. occupation	455	24.00
First-Line Supv./Mgrs. of Retail Sales Workers	Work exp. in a rel. occupation	445	17.25
Electricians	Long-term OJT	435	23.50
HVAC Mechanics & Installers	Long-term OJT	395	19.50
Moderate On-the-Job Training -- Short-term On-the-Job Training			
Janitors & Cleaners, Exc. Maids & Housekeeping Clnrs.	Short-term OJT	2,090	8.25
Security Guards	Short-term OJT	2,030	12.25
Retail Salespersons	Short-term OJT	1,800	9.25
Nursing Aides, Orderlies & Attendants	Short-term OJT	1,755	11.75
Teacher Assistants	Short-term OJT	1,415	18,650
Landscaping & Groundskeeping Workers	Short-term OJT	1,335	12.00
Customer Service Representatives	Moderate OJT	1,250	15.25
Receptionists & Information Clerks	Short-term OJT	1,250	13.00

Education and Training Categories

Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements conducted while developing information to present in the *Occupational Outlook Handbook*. The 11 classifications are as follows:

- 1** *First professional degree.* Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.
- 2** *Doctoral degree.* Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.
- 3** *Master's degree.* Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.
- 4** *Bachelor's or higher degree, plus work experience.* Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.
- 5** *Bachelor's degree.* Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.
- 6** *Associate degree.* Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.
- 7** *Postsecondary vocational award.* Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.
- 8** *Work experience in a related occupation.* Some occupations requiring work experience are supervisory or managerial occupations.
- 9** *Long-term on-the-job training.* This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.
- 10** *Moderate-term on-the-job training.* This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.
- 11** *Short-term on-the-job training.* This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.