

Appendix C: Detailed Industry and Occupation Changes for U.S. Youth

Uncertain Futures? Youth Attachment to the Labor Market in the United States and New England
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Table C1. Detailed Breakdown of Employment by Industry for U.S. Teens Aged 16 to 19, 2000–2010

	Teen Employment			Aggregate Employment			Teen Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Total Employment	6,579,794	-7.6	-19.8	127,066,791	7.7	-0.5	5.2	4.4	3.6	-0.7	-0.9
Employment in Top Teen Industries	5,702,149	-4.9	-18.4	77,714,313	12.1	1.3	7.3	6.2	5.0	-1.1	-1.2
Industries for Which Teen Share of Employment Fell between 2000 and 2006: And Represent a <u>Decreasing</u> Share of the Economy	5,265,810	-7.5	-19.1	72,806,736	12.3	1.0	7.2	6.0	4.8	-1.3	-1.2
Grocery Stores	552,501	-17.9	-15.1	2,727,876	-5.9	6.5	20.3	17.7	14.1	-2.6	-3.6
Department Stores	319,686	-27.2	-24.8	2,136,460	0.1	4.3	15.0	10.9	7.8	-4.1	-3.0
Child Day Care Services	133,153	-35.3	-9.3	1,528,421	-2.2	2.7	8.7	5.8	5.1	-2.9	-0.7
Elementary and Secondary Schools	90,880	-11.8	-4.5	7,592,059	3.4	5.3	1.2	1.0	0.9	-0.2	-0.1
Hotels and Motels	82,457	-22.4	-34.0	1,276,160	7.4	-0.6	6.5	4.7	3.1	-1.8	-1.6
Business Services, N.E.C.	79,017	-37.8	-29.4	1,443,238	-0.3	2.3	5.5	3.4	2.4	-2.1	-1.1
Automotive Repair and Related Services	61,280	-34.0	-26.6	1,284,405	-9.4	-2.1	4.8	3.5	2.6	-1.3	-0.9
Agricultural Production, Crops	56,619	-8.2	-0.7	979,184	0.1	9.0	5.8	5.3	4.8	-0.5	-0.5
Banking	55,625	-30.3	-55.1	1,835,178	5.4	3.5	3.0	2.0	0.9	-1.0	-1.1
Agricultural Production, Livestock	45,238	-8.0	-19.1	559,839	1.4	-3.8	8.1	7.3	6.2	-0.8	-1.2
Video Tape Rental	44,730	-51.4	-78.2	122,570	-16.0	-53.5	36.5	21.1	9.9	-15.4	-11.2
Book and Stationery Stores	42,766	-17.2	-36.5	355,800	-2.8	-5.3	12.0	10.2	6.9	-1.8	-3.4
Retail Trade, N.S.	42,287	-46.2	-11.6	458,661	-27.2	19.8	9.2	6.8	5.0	-2.4	-1.8
Gift, Novelty, and Souvenir Shops	33,913	-20.8	-49.6	237,747	-19.0	-20.2	14.3	14.0	8.8	-0.3	-5.1
Insurance	32,046	-32.0	-43.0	2,398,219	1.0	0.0	1.3	0.9	0.5	-0.4	-0.4
Offices and Clinics of Physicians	30,587	-17.9	-30.5	1,550,923	3.6	-7.7	2.0	1.6	1.2	-0.4	-0.4
Libraries	27,694	-31.2	-34.3	238,694	-8.9	-3.6	11.6	8.8	6.0	-2.8	-2.8
Printing, Publishing, and Allied Industries, Except Newspapers	27,151	-45.6	-45.6	1,243,278	-14.2	-18.8	2.2	1.4	0.9	-0.8	-0.5
Hardware Stores	24,594	-12.9	-16.2	176,009	3.7	11.7	14.0	11.7	8.8	-2.2	-2.9
Music Stores	23,365	-51.1	-45.5	131,694	-25.5	-20.3	17.7	11.6	8.0	-6.1	-3.7
Laundry, Cleaning, and Garment Services	22,947	-34.8	-31.9	337,986	-4.5	-6.1	6.8	4.6	3.4	-2.2	-1.3
Direct Selling Establishments	20,265	-60.0	-17.5	190,456	-0.2	-14.8	10.6	4.3	4.1	-6.4	-0.1
Retail Bakeries	17,379	-15.0	0.6	144,344	-7.3	21.7	12.0	11.0	9.1	-1.0	-1.9
Jewelry Stores	13,274	-14.7	-47.2	177,149	5.1	-8.2	7.5	6.1	3.5	-1.4	-2.6
Retail Florists	11,740	-42.4	-49.4	163,537	-22.0	-25.1	7.2	5.3	3.6	-1.9	-1.7
Household Appliance Stores	5,673	-39.4	-14.2	83,151	-3.7	-6.6	6.8	4.3	3.9	-2.5	-0.4
Farm Supplies	4,258	-46.9	-68.2	79,747	-22.1	-28.6	5.3	3.6	1.6	-1.7	-2.0
And Represent an <u>Increasing</u> Share of the Economy	3,364,685	2.5	-17.8	43,353,951	21.3	0.8	7.8	6.6	5.4	-1.2	-1.2
Eating and Drinking Places	1,603,245	2.8	-12.3	6,424,039	20.0	8.1	25.0	21.4	17.3	-3.6	-4.0
All Construction	269,137	-0.3	-53.0	8,634,764	23.7	-18.6	3.1	2.5	1.4	-0.6	-1.1
Colleges and Universities	189,812	11.4	3.2	3,151,820	12.4	9.9	6.0	6.0	5.6	-0.1	-0.4
Apparel and Accessory Stores, Except Shoe	134,339	31.1	-14.8	650,780	35.6	6.1	20.6	19.9	16.0	-0.7	-3.9
Drug Stores	92,467	-11.8	-37.9	644,494	22.5	10.0	14.3	10.3	5.8	-4.0	-4.5
Nursing and Personal Care Facilities	78,183	-12.2	-5.5	1,530,735	9.2	7.7	5.1	4.1	3.6	-1.0	-0.5
Sporting Goods, Bicycles, and Hobby Stores	66,391	-4.8	-27.5	361,826	11.2	3.5	18.3	15.7	11.0	-2.6	-4.7
Hospitals	60,999	-16.8	-21.6	5,152,977	11.8	8.3	1.2	0.9	0.6	-0.3	-0.2
Miscellaneous Retail Stores	60,219	15.0	-25.5	765,417	18.2	4.3	7.9	7.7	5.5	-0.2	-2.2
Landscape and Horticultural Services	59,200	4.6	-13.3	785,248	40.1	5.3	7.5	5.6	4.6	-1.9	-1.0
Theaters and Motion Pictures	57,534	-2.4	-20.5	302,909	9.4	12.2	19.0	16.9	12.0	-2.0	-4.9
Gasoline Service Stations	56,624	-14.8	-33.6	393,012	24.3	-7.3	14.4	9.9	7.1	-4.5	-2.8
Motor Vehicle Dealers	50,917	-16.4	-48.2	1,113,129	10.5	-14.8	4.6	3.5	2.1	-1.1	-1.4

Table C1. Detailed Breakdown of Employment by Industry for U.S. Teens Aged 16 to 19, 2000–2010 (continued)

	Teen Employment			Aggregate Employment			Teen Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Miscellaneous Personal Services	44,989	4.6	-13.1	677,689	30.9	12.5	6.6	5.3	4.1	-1.3	-1.2
Trucking Service	44,036	-7.1	-34.5	2,098,130	14.2	-7.9	2.1	1.7	1.2	-0.4	-0.5
Lumber and Building Material Retailing	42,439	3.4	-39.9	763,225	26.9	-11.9	5.6	4.5	3.1	-1.0	-1.4
Services to Dwellings and Other Buildings	37,080	-14.0	-14.7	853,788	28.0	8.7	4.3	2.9	2.3	-1.4	-0.6
Shoe Stores	36,694	0.9	-12.1	139,342	8.1	6.7	26.3	24.6	20.2	-1.7	-4.3
Furniture and Home Furnishings Stores	32,626	0.2	-42.4	586,483	8.4	-21.7	5.6	5.1	3.8	-0.4	-1.4
Real Estate, Including Real Estate—Insurance Offices	31,920	1.8	-28.2	1,804,045	29.8	-10.7	1.8	1.4	1.1	-0.4	-0.3
Auto and Home Supply Stores	31,676	-20.9	-41.1	410,031	10.1	-4.0	7.7	5.6	3.4	-2.2	-2.1
Religious Organizations	31,415	-10.2	0.1	878,488	9.4	-2.0	3.6	2.9	3.0	-0.6	0.1
Beauty Shops	29,692	0.0	-21.2	761,313	15.1	4.4	3.9	3.4	2.6	-0.5	-0.8
Automobile Parking and Carwashes	29,448	-12.2	-23.6	134,152	19.9	-1.9	22.0	16.1	12.5	-5.9	-3.5
Health Services, N.E.C.	28,803	16.9	4.3	2,068,522	43.5	31.8	1.4	1.1	0.9	-0.3	-0.2
Food Stores, N.E.C.	28,078	-10.7	-11.3	191,241	16.8	14.9	14.7	11.2	8.7	-3.5	-2.6
Personnel Supply Services	27,877	-33.4	-12.1	752,450	12.4	-0.4	3.7	2.2	1.9	-1.5	-0.3
Educational Services, N.E.C.	27,576	40.2	-5.7	315,537	62.3	23.2	8.7	7.6	5.8	-1.2	-1.8
Residential Care Facilities, Without Nursing	26,021	26.0	-7.6	484,626	45.9	5.8	5.4	4.6	4.0	-0.7	-0.6
Veterinary Services	22,127	-5.6	-19.4	210,363	29.4	6.9	10.5	7.7	5.8	-2.8	-1.9
Retail Nurseries and Garden Stores	18,979	-3.2	-24.1	194,020	10.0	4.1	9.8	8.6	6.3	-1.2	-2.3
Miscellaneous General Merchandise Stores	14,142	188.1	-7.5	119,356	248.2	19.7	11.8	9.8	7.6	-2.0	-2.2
Industries for Which Teen Share of Employment <u>Rose</u> between 2000 and 2006:	436,339	26.4	-12.5	4,907,577	8.7	5.8	8.9	10.3	8.5	1.5	-1.8
And Represent a <u>Decreasing</u> Share of the Economy	165,321	-7.4	-21.1	1,990,901	-15.4	6.3	8.3	9.1	6.8	0.8	-2.3
Military	103,351	-9.5	-9.5	1,152,639	-12.6	12.0	9.0	9.3	7.5	0.3	-1.8
Radio, TV, and Computer Stores	50,959	-2.7	-43.7	783,429	-19.9	-1.8	6.5	7.9	4.5	1.4	-3.4
Bowling Centers	11,011	-8.9	-17.4	54,833	-9.7	-7.4	20.1	20.3	18.1	0.2	-2.2
And Represent an <u>Increasing</u> Share of the Economy	271,018	47.0	-9.2	2,916,676	25.1	5.6	9.3	10.9	9.4	1.6	-1.5
Miscellaneous Entertainment and Recreation Services	188,581	24.8	-5.5	1,438,051	10.3	10.2	13.1	14.8	12.7	1.7	-2.1
Private Households	29,909	100.5	-9.1	535,325	37.0	10.1	5.6	8.2	6.8	2.6	-1.4
Miscellaneous Professional and Related Services	26,353	24.2	-23.2	534,815	22.1	0.4	4.9	5.0	3.8	0.1	-1.2
Museums, Art Galleries, and Zoos	10,313	255.7	-5.6	159,830	115.3	5.5	6.5	10.7	9.5	4.2	-1.1
Miscellaneous Vehicle Dealers	7,516	29.0	-59.9	142,285	23.7	-26.0	5.3	5.5	3.0	0.2	-2.5
Lodging Places, Except Hotels and Motels	5,528	258.0	-6.9	56,243	65.8	0.1	9.8	21.2	19.7	11.4	-1.5
Sewing, Needlework, and Piece Goods Stores	2,818	45.5	-36.7	50,127	24.1	-11.1	5.6	6.6	4.7	1.0	-1.9

Source: Authors' analysis of 2000 U.S. Decennial Census and 2005–2007/ 2009–2011 American Community Survey 3-year PUMS, IPUMS-USA.

Notes: Reported values for 2006 and 2010 are estimates from the 2005–2007 and 2009–2011 ACS 3-year PUMS respectively. Industry analysis conducted at the subsector, three-digit level. To provide consistent industry classification over the entire period, the IPUMS-USA harmonized variable IND1990 is used. Industries classified as a “decreasing share of the economy” are those where industry employment is growing slower than aggregate employment and are further limited to those that account for at least 0.5 percent of youth employment in 2000 or 2006. Industries classified as an “increasing share of the economy” are those where industry employment is growing faster than aggregate employment.

Table C2. Detailed Breakdown of Employment by Occupation for U.S. Teens Aged 16 to 19, 2000–2010

	Teen Employment			Aggregate Employment			Teen Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Total Employment	6,579,794	-7.6	-19.8	127,066,791	7.7	-0.5	5.2	4.4	3.6	-0.7	-0.9
Employment in Top Teen Occupations	5,815,338	-5.8	-18.5	61,429,203	9.9	0.4	9.5	8.1	6.6	-1.3	-1.5
Occupations for Which Teen Share of Employment Fell between 2000 and 2006: And Represent a <u>Decreasing</u> Share of the Economy	5,559,106	-7.3	-19.5	59,325,332	10.1	0.0	9.4	7.9	6.3	-1.5	-1.5
Retail Sales Clerks	511,859	-17.3	-28.1	3,220,268	-0.4	-0.5	15.9	13.2	9.5	-2.7	-3.7
Child Care Workers	156,788	-3.7	-6.6	1,322,945	-0.3	2.0	11.9	11.5	10.5	-0.4	-1.0
Customer Service Reps, Investigators and Adjusters, Except Insurance	150,450	1.5	-16.3	2,082,092	6.2	5.7	7.2	6.9	5.5	-0.3	-1.4
Salespersons, N.E.C.	148,325	-44.9	-36.6	2,607,446	4.4	-7.3	5.7	3.0	2.1	-2.7	-0.9
Kitchen Workers	111,056	-35.3	-5.9	313,129	-10.4	16.7	35.5	25.6	20.6	-9.9	-5.0
General Office Clerks	104,670	-36.2	-16.6	1,346,379	-17.3	2.1	7.8	6.0	4.9	-1.8	-1.1
Truck, Delivery, and Tractor Drivers	88,389	-23.2	-35.1	3,528,140	4.5	-8.4	2.5	1.8	1.3	-0.7	-0.5
Secretaries	86,686	-8.6	-36.7	3,614,957	1.7	-7.9	2.4	2.2	1.5	-0.2	-0.7
Vehicle Washers and Equipment Cleaners	64,349	-17.8	-32.0	317,646	5.0	-2.3	20.3	15.9	11.1	-4.4	-4.8
Assemblers of Electrical Equipment	54,164	-35.7	-44.8	1,478,691	-12.9	-21.5	3.7	2.7	1.9	-1.0	-0.8
Machine Operators, N.E.C.	43,354	-36.5	-24.4	1,303,120	-7.6	-2.2	3.3	2.3	1.8	-1.0	-0.5
Automobile Mechanics	41,831	-40.8	-27.6	988,265	-13.2	-7.0	4.2	2.9	2.2	-1.3	-0.6
Bank Tellers	39,392	-19.8	-47.2	398,708	6.0	9.8	9.9	7.5	3.6	-2.4	-3.9
Data Entry Keyers	35,239	-42.0	-40.4	575,575	-18.9	-18.4	6.1	4.4	3.2	-1.7	-1.2
Library Assistants	30,371	-18.8	-20.8	188,317	-7.5	-6.7	16.1	14.2	12.0	-2.0	-2.1
Garage and Service Station Related Occupations	29,662	-32.7	-32.9	109,290	4.3	-1.8	27.1	17.5	12.0	-9.6	-5.5
Shipping and Receiving Clerks	28,176	-33.2	-25.7	639,865	-5.0	-7.4	4.4	3.1	2.5	-1.3	-0.6
Computer Systems Analysts and Computer Scientists	26,624	-31.1	-21.3	1,654,438	6.8	10.2	1.6	1.0	0.7	-0.6	-0.3
Bookkeepers and Accounting and Auditing Clerks	25,736	-46.5	-37.1	1,613,341	-11.7	-10.5	1.6	1.0	0.7	-0.6	-0.3
Interviewers, Enumerators, and Surveyors	18,442	-55.1	-35.1	250,965	-19.6	10.4	7.3	4.1	2.4	-3.2	-1.7
Correspondence and Order Clerks	12,657	-45.6	-36.0	170,088	-8.7	-13.1	7.4	4.4	3.3	-3.0	-1.2
Mail Clerks, Outside of Post Office	11,660	-35.9	-43.6	148,834	-19.1	-18.8	7.8	6.2	4.3	-1.6	-1.9
Bakers	11,362	-16.6	6.7	160,784	3.7	13.0	7.1	5.7	5.4	-1.4	-0.3
Telephone Operators	10,462	-56.0	-36.2	147,585	-35.3	-14.8	7.1	4.8	3.6	-2.3	-1.2
Photographic Process Workers	9,705	-33.9	-60.6	80,192	-17.0	-23.3	12.1	9.6	4.9	-2.5	-4.7
Production Helpers	6,496	-2.8	-33.5	48,562	2.0	-5.1	13.4	12.7	8.9	-0.6	-3.8
Office Machine Operators, N.E.C.	5,547	-41.7	-31.9	60,090	-11.7	-20.6	9.2	6.1	5.2	-3.1	-0.9
Announcers	4,302	-48.1	-24.9	51,080	-4.4	5.5	8.4	4.6	3.3	-3.9	-1.3
Dancers	2,887	-56.2	39.0	23,711	-3.5	-5.8	12.2	5.5	8.2	-6.6	2.6
Motion Picture Projectionists	2,757	-21.0	-55.8	8,661	2.4	-9.5	31.8	24.6	12.0	-7.3	-12.6
Nail and Tacking Machine Operators (Woodworking)	2,602	-26.5	-56.4	45,594	-23.9	-45.0	5.7	5.5	4.4	-0.2	-1.1
Other Telecom Operators	850	-56.8	-53.4	12,363	-7.2	-17.8	6.9	3.2	1.8	-3.7	-1.4
And Represent an <u>Increasing</u> Share of the Economy	3,682,256	0.7	-17.2	30,814,211	21.3	3.0	11.9	9.9	8.0	-2.0	-1.9
Cashiers	826,201	4.0	-13.2	2,616,437	13.9	7.2	31.6	28.8	23.3	-2.8	-5.5
Cooks, Various Defined	387,382	-12.1	-14.4	2,374,733	16.0	6.8	16.3	12.4	9.9	-4.0	-2.5
Waiter/Waitress	382,352	2.1	-18.0	1,641,552	18.9	4.9	23.3	20.0	15.6	-3.3	-4.4
Laborers Outside Construction	249,617	-5.2	-20.3	1,750,009	12.1	-1.7	14.3	12.1	9.8	-2.2	-2.3
Waiter'S Assistant	231,318	13.6	-16.8	588,036	22.2	1.4	39.3	36.6	30.0	-2.8	-6.6
Misc Food Prep Workers	225,217	14.1	-15.4	714,727	30.6	12.2	31.5	27.5	20.8	-4.0	-6.8
Stock and Inventory Clerks	215,975	-10.2	-30.4	1,223,959	17.8	0.8	17.6	13.5	9.3	-4.2	-4.2
Receptionists	115,278	-14.5	-22.0	1,032,020	8.2	0.5	11.2	8.8	6.9	-2.3	-2.0

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	Teen Employment			Aggregate Employment			Teen Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Janitors	111,094	3.0	-13.4	1,752,717	24.7	4.5	6.3	5.2	4.3	-1.1	-0.9
Personal Service Occupations, N.E.C.	104,513	36.4	-3.3	300,506	48.3	14.1	34.8	32.0	27.1	-2.8	-4.9
Farm Workers	91,361	-6.8	-16.7	699,543	7.9	5.5	13.1	11.3	8.9	-1.8	-2.4
Teachers, N.E.C.	83,887	-3.5	1.7	1,421,008	18.4	11.3	5.9	4.8	4.4	-1.1	-0.4
Gardeners and Groundskeepers	83,054	12.3	-12.2	869,211	31.3	5.5	9.6	8.2	6.8	-1.4	-1.4
Construction Laborers	76,973	24.8	-46.2	1,179,380	51.9	-12.8	6.5	5.4	3.3	-1.2	-2.1
Nursing Aides, Orderlies, and Attendants	74,414	-3.0	9.9	1,872,553	32.7	22.9	4.0	2.9	2.6	-1.1	-0.3
Supervisors and Proprietors Of Sales Jobs	55,596	-28.1	-33.4	3,574,449	17.3	-5.2	1.6	1.0	0.7	-0.6	-0.3
File Clerks	49,721	3.1	-32.5	304,359	23.3	-9.6	16.3	13.7	10.2	-2.7	-3.5
Carpenters	44,721	-12.4	-63.1	1,325,093	20.0	-26.3	3.4	2.5	1.2	-0.9	-1.2
Housekeepers, Maids, Butlers, Stewards, and Lodging Quarters Cleaners	41,500	-18.9	-12.8	1,057,053	19.9	10.7	3.9	2.7	2.1	-1.3	-0.6
Health Aides, Except Nursing	37,313	-13.3	-24.1	557,005	22.9	16.1	6.7	4.7	3.1	-2.0	-1.6
Guards, Watchmen, Doorkeepers	26,123	-19.8	-15.9	657,812	25.6	7.3	4.0	2.5	2.0	-1.4	-0.5
Packers and Packers by Hand	25,740	-16.9	-8.2	350,719	13.0	4.6	7.3	5.4	4.7	-1.9	-0.7
Managers of Food-Serving and Lodging Establishments	20,826	10.6	-19.1	779,590	26.1	5.0	2.7	2.3	1.8	-0.3	-0.5
Dental Laboratory and Medical Appliance Technicians	20,587	-8.8	-25.2	381,165	37.5	13.1	5.4	3.6	2.4	-1.8	-1.2
Painters, Construction and Maintenance	19,185	8.2	-52.3	506,218	25.6	-19.2	3.8	3.3	1.9	-0.5	-1.3
Animal Caretakers Except On Farms	16,272	20.3	9.4	111,396	33.4	18.6	14.6	13.2	12.2	-1.4	-1.0
Door-To-Door Sales, Street Sales, and News Vendors	15,991	-24.8	-29.2	169,600	10.3	-16.3	9.4	6.4	5.4	-3.0	-1.0
Hairdressers and Cosmetologists	15,043	11.1	-15.6	761,431	19.5	10.6	2.0	1.8	1.4	-0.1	-0.4
Hotel Clerks	13,907	-21.7	-36.0	108,306	14.6	8.0	12.8	8.8	5.2	-4.1	-3.6
Helpers, Surveyors	9,966	34.1	-67.8	64,871	48.0	-38.1	15.4	13.9	7.3	-1.4	-6.7
Parking Lot Attendants	7,500	5.7	-25.1	50,611	34.6	7.3	14.8	11.6	8.1	-3.2	-3.5
Helpers, Constructions	3,629	-7.1	-23.4	18,142	27.5	-5.2	20.0	14.6	11.8	-5.4	-2.8
Occupations for Which Teen Share of Employment <u>Rose</u> between 2000 and 2006:	256,232	28.1	-2.8	2,103,871	5.4	10.4	12.2	14.8	13.0	2.6	-1.8
And Represent a <u>Decreasing</u> Share of the Economy	123,877	-10.5	-9.6	1,257,980	-13.9	10.6	9.8	10.2	8.4	0.4	-1.9
Military	103,351	-9.5	-9.5	1,152,639	-12.6	12.0	9.0	9.3	7.5	0.3	-1.8
Ushers	18,368	-20.7	-0.8	47,466	-24.8	4.1	38.7	40.8	38.9	2.1	-1.9
Washing, Cleaning, and Pickling Machine Operators	613	-6.2	-51.1	14,179	-38.5	-12.4	4.3	6.6	3.7	2.3	-2.9
Engravers	596	39.3	-74.0	13,354	-24.7	-4.6	4.5	8.3	2.3	3.8	-6.0
Proofreaders	590	73.2	-59.4	20,343	-27.1	-21.1	2.9	6.9	3.5	4.0	-3.3
Drilling and Boring Machine Operators	359	10.6	-55.4	9,999	-33.9	-33.9	3.6	6.0	4.1	2.4	-2.0
And Represent an <u>Increasing</u> Share of the Economy	132,355	64.2	0.7	845,891	34.1	10.2	15.6	19.2	17.5	3.5	-1.7
Recreation Facility Attendants	40,227	21.5	-7.5	199,199	20.4	9.9	20.2	20.4	17.2	0.2	-3.2
Protective Services, N.E.C.	36,987	103.8	8.7	86,516	80.9	16.3	42.8	48.2	45.0	5.4	-3.1
Athletes, Sports Instructors, and Officials	27,511	51.2	-4.9	173,245	37.1	3.6	15.9	17.5	16.1	1.6	-1.4
Recreation Workers	15,682	126.2	-2.1	235,303	39.2	12.8	6.7	10.8	9.4	4.2	-1.4
Batch Food Makers	4,466	29.9	-27.0	70,915	12.2	6.4	6.3	7.3	5.0	1.0	-2.3
Guides	4,263	32.2	1.6	32,188	19.9	15.8	13.2	14.6	12.8	1.4	-1.8
Sales Demonstrators / Promoters / Models	2,376	51.0	86.6	39,638	13.7	12.9	6.0	8.0	13.2	2.0	5.2
Roasting and Baking Machine Operators (Food)	843	14.0	-30.3	8,887	12.3	-3.5	9.5	9.6	7.0	0.1	-2.7

Source: Authors' analysis of 2000 U.S. Decennial Census and 2005–2007/ 2009–2011 American Community Survey 3-year PUMS, IPUMS-USA.

Notes: Reported values for 2006 and 2010 are estimates from the 2005–2007 and 2009–2011 ACS 3-year PUMS respectively. Occupational analysis conducted at the five-digit, broad occupation level. To provide consistent occupation classification over the entire period, the IPUMS-USA harmonized variable OCC1990 is used. Occupations where employment share were decreasing between 2000 and 2006 are further limited to those that account for at least 0.5 percent of youth employment in 2000. Occupations that are a decreasing share of the economy are those where aggregate employment is decreasing or growing less than average. Occupations that are an increasing share of the economy are those where aggregate employment is growing more than average.

Table C3. Detailed Breakdown of Employment by Industry for U.S. Young Adults Aged 20 to 24, 2000–2010

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Total Employment	12,810,866	8.6	-3.6	127,066,791	7.7	-0.5	10.1	10.2	9.8	0.1	-0.3
Employment in Top Young Adult Industries	10,656,101	12.7	-2.3	96,470,968	11.2	0.5	11.0	11.2	10.9	0.2	-0.3
Industries for Which Young Adult Share of Employment Fell between 2000 and 2006: And Represent a Decreasing Share of the Economy	5,713,759	2.8	-12.2	60,356,895	10.8	-2.5	9.5	8.8	7.9	-0.7	-0.9
Elementary and Secondary Schools	367,148	1.6	-5.0	7,592,059	3.4	5.3	4.8	4.7	4.3	-0.1	-0.5
Banking	231,512	3.7	-12.5	1,835,178	5.4	3.5	12.6	12.4	10.5	-0.2	-1.9
Child Day Care Services	218,317	-4.6	5.5	1,528,421	-2.2	2.7	14.3	13.9	14.3	-0.3	0.4
Business Services, N.E.C.	194,992	-9.6	-8.0	1,443,238	-0.3	2.3	13.5	12.3	11.0	-1.3	-1.2
Hotels and Motels	178,188	1.7	-4.4	1,276,160	7.4	-0.6	14.0	13.2	12.7	-0.7	-0.5
Insurance	164,426	-13.8	-22.6	2,398,219	1.0	0.0	6.9	5.9	4.5	-1.0	-1.3
Telephone Communications	124,574	-24.5	-24.3	1,338,969	-2.2	-17.6	9.3	7.2	6.6	-2.1	-0.6
Justice, Public Order, and Safety	123,228	3.9	-7.0	2,476,179	4.7	5.1	5.0	4.9	4.4	0.0	-0.6
Offices and Clinics of Physicians	109,879	3.4	-12.7	1,550,923	3.6	-7.7	7.1	7.1	6.7	0.0	-0.4
Motor Vehicles and Motor Vehicle Equipment	109,025	-24.5	-39.2	1,460,278	-7.2	-25.0	7.5	6.1	4.9	-1.4	-1.2
Printing, Publishing, and Allied Industries, Except Newspapers	102,250	-30.6	-35.7	1,243,278	-14.2	-18.8	8.2	6.7	5.3	-1.6	-1.4
Electrical Machinery, Equipment, and Supplies, N.E.C.	97,738	-48.4	-13.9	1,391,900	-23.2	-7.5	7.0	4.7	4.4	-2.3	-0.3
Machinery, Except Electrical, N.E.C.	77,473	-14.5	-26.4	1,021,676	-3.7	-11.9	7.6	6.7	5.6	-0.9	-1.1
Groceries and Related Products	74,505	-3.2	-8.3	811,798	2.6	-0.8	9.2	8.7	8.0	-0.5	-0.6
Accounting, Auditing, and Bookkeeping Services	74,259	-9.3	-1.4	823,645	2.7	7.0	9.0	8.0	7.3	-1.1	-0.6
Membership Organizations, N.E.C.	70,826	-11.3	5.3	809,487	-7.4	4.6	8.7	8.4	8.4	-0.4	0.1
Furniture and Fixtures	70,424	-27.2	-45.5	662,897	-11.4	-28.6	10.6	8.7	6.7	-1.9	-2.1
Radio and Television Broadcasting and Cable	68,562	-15.2	-5.4	581,859	-3.4	8.7	11.8	10.3	9.0	-1.4	-1.3
Meat Products	52,658	-15.2	5.5	414,804	-6.7	7.5	12.7	11.5	11.3	-1.1	-0.2
Catalog and Mail Order Houses	34,207	-35.7	-13.5	282,698	-22.6	-2.8	12.1	10.0	8.9	-2.1	-1.1
Music Stores	30,382	-26.8	-28.9	131,694	-25.5	-20.3	23.1	22.7	20.2	-0.4	-2.4
Libraries	29,743	-29.9	-2.9	238,694	-8.9	-3.6	12.5	9.6	9.7	-2.9	0.1
Direct Selling Establishments	26,245	-33.8	-5.6	190,456	-0.2	-14.8	13.8	9.1	10.1	-4.6	1.0
Automotive Rental and Leasing, Without Drivers	26,217	-0.1	-21.6	161,804	0.0	-10.8	16.2	16.2	14.2	0.0	-2.0
Wood Buildings and Mobile Homes	9,811	-21.6	-67.2	82,624	-20.7	-42.1	11.9	11.7	6.6	-0.1	-5.1
And Represent an Increasing Share of the Economy	3,047,170	14.0	-12.9	28,607,957	23.9	-3.2	10.7	9.8	8.8	-0.8	-1.0
All Construction	893,027	22.2	-40.6	8,634,764	23.7	-18.6	10.3	10.2	7.5	-0.1	-2.8
Colleges and Universities	565,569	7.6	16.3	3,151,820	12.4	9.9	17.9	17.2	18.2	-0.8	1.0
Trucking Service	159,439	7.0	-19.0	2,098,130	14.2	-7.9	7.6	7.1	6.3	-0.5	-0.9
Health Services, N.E.C.	146,383	41.8	32.9	2,068,522	43.5	31.8	7.1	7.0	7.0	-0.1	0.1
Computer and Data Processing Services	137,754	-30.8	-8.8	1,580,869	9.5	5.1	8.7	5.5	4.8	-3.2	-0.7
Landscape and Horticultural Services	118,817	27.2	-5.1	785,248	40.1	5.3	15.1	13.7	12.4	-1.4	-1.4
Personnel Supply Services	114,182	-9.8	-12.8	752,450	12.4	-0.4	15.2	12.2	10.6	-3.0	-1.5
Real Estate, Including Real Estate-Insurance Offices	103,125	29.0	-24.0	1,804,045	29.8	-10.7	5.7	5.7	4.8	0.0	-0.8
Security, Commodity Brokerage, and Investment Companies	99,540	-22.7	-23.5	1,142,888	15.1	-12.1	8.7	5.9	5.1	-2.9	-0.8
Credit Agencies, N.E.C.	95,187	14.6	-41.8	839,062	33.8	-30.1	11.3	9.7	8.1	-1.6	-1.6
Engineering, Architectural, and Surveying Services	87,030	10.6	-30.6	1,180,210	21.3	-4.4	7.4	6.7	4.9	-0.6	-1.8
Services to Dwellings and Other Buildings	83,907	12.4	0.5	853,788	28.0	8.7	9.8	8.6	8.0	-1.2	-0.7
Services Incidental to Transportation	78,380	0.5	-9.5	903,542	8.3	1.9	8.7	8.1	7.2	-0.6	-0.9
Furniture and Home Furnishings Stores	74,641	8.2	-31.7	586,483	8.4	-21.7	12.7	12.7	11.1	0.0	-1.6
Gasoline Service Stations	68,473	20.7	-0.6	393,012	24.3	-7.3	17.4	16.9	18.1	-0.5	1.2

Table C3. Detailed Breakdown of Employment by Industry for U.S. Young Adults Aged 20 to 24, 2000–2010 (continued)

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Detective and Protective Services	66,943	20.4	7.8	472,275	33.1	10.7	14.2	12.8	12.5	-1.3	-0.3
Social Services, N.E.C.	53,168	53.0	33.3	651,194	73.2	29.1	8.2	7.2	7.4	-1.0	0.2
Educational Services, N.E.C.	39,002	55.8	25.8	315,537	62.3	23.2	12.4	11.9	12.1	-0.5	0.3
Warehousing and Storage	34,424	22.9	-7.6	259,966	34.9	-6.7	13.2	12.1	11.9	-1.2	-0.1
Automobile Parking and Carwashes	28,179	9.1	-2.2	134,152	19.9	-1.9	21.0	19.1	19.1	-1.9	0.0
Industries for Which Young Adult Share of Employment Rose between 2000 and 2006:	4,942,342	24.2	7.2	36,114,073	11.8	5.4	13.7	15.2	15.5	1.5	0.3
And Represent a Decreasing Share of the Economy	1,769,660	2.4	5.1	12,324,112	-5.7	3.2	14.4	15.6	15.9	1.2	0.3
Grocery Stores	368,345	6.7	17.8	2,727,876	-5.9	6.5	13.5	15.3	16.9	1.8	1.6
Department Stores	354,162	12.8	7.4	2,136,460	0.1	4.3	16.6	18.7	19.2	2.1	0.5
Military	350,140	-11.2	7.6	1,152,639	-12.6	12.0	30.4	30.9	29.7	0.5	-1.2
Automotive Repair and Related Services	138,471	-7.6	-10.4	1,284,405	-9.4	-2.1	10.8	11.0	10.1	0.2	-0.9
Radio, TV, and Computer Stores	120,824	6.9	-6.0	783,429	-19.9	-1.8	15.4	20.6	19.7	5.2	-0.9
Agricultural Production, Crops	96,686	6.3	7.2	979,184	0.1	9.0	9.9	10.5	10.3	0.6	-0.2
Legal Services	85,034	8.3	-19.5	1,449,855	5.8	-2.9	5.9	6.0	5.0	0.1	-1.0
Book and Stationery Stores	67,507	-2.3	0.2	355,800	-2.8	-5.3	19.0	19.1	20.2	0.1	1.1
Retail Trade, N.S.	53,323	-21.2	18.3	458,661	-27.2	19.8	11.6	12.6	12.4	0.9	-0.1
Video Tape Rental	31,397	15.3	-51.6	122,570	-16.0	-53.5	25.6	35.2	36.6	9.5	1.5
Gift, Novelty, and Souvenir Shops	27,553	-6.0	-10.1	237,747	-19.0	-20.2	11.6	13.4	15.1	1.9	1.7
Jewelry Stores	22,792	16.3	-22.5	177,149	5.1	-8.2	12.9	14.2	12.0	1.4	-2.2
Hardware Stores	20,650	13.8	31.9	176,009	3.7	11.7	11.7	12.9	15.2	1.1	2.3
Retail Bakeries	14,758	11.9	68.1	144,344	-7.3	21.7	10.2	12.3	17.0	2.1	4.7
Household Appliance Stores	10,502	15.2	-5.0	83,151	-3.7	-6.6	12.6	15.1	15.4	2.5	0.3
Bowling Centers	7,516	7.0	16.6	54,833	-9.7	-7.4	13.7	16.2	20.4	2.5	4.2
And Represent an Increasing Share of the Economy	3,172,682	36.4	8.0	23,789,961	20.8	6.2	13.3	15.1	15.3	1.7	0.3
Eating and Drinking Places	1,316,541	32.7	13.0	6,424,039	20.0	8.1	20.5	22.7	23.7	2.2	1.0
Hospitals	321,377	15.7	2.8	5,152,977	11.8	8.3	6.2	6.5	6.1	0.2	-0.3
Miscellaneous Entertainment and Recreation Services	207,922	27.7	12.3	1,438,051	10.3	10.2	14.5	16.7	17.1	2.3	0.3
Nursing and Personal Care Facilities	145,222	19.8	11.3	1,530,735	9.2	7.7	9.5	10.4	10.8	0.9	0.4
Apparel and Accessory Stores, Except Shoe	135,625	55.1	21.5	650,780	35.6	6.1	20.8	23.8	27.3	3.0	3.4
Motor Vehicle Dealers	121,256	18.5	-24.7	1,113,129	10.5	-14.8	10.9	11.7	10.3	0.8	-1.4
Lumber and Building Material Retailing	105,019	39.9	-25.1	763,225	26.9	-11.9	13.8	15.2	12.9	1.4	-2.3
Drug Stores	92,494	49.3	10.9	644,494	22.5	10.0	14.4	17.5	17.6	3.1	0.1
Miscellaneous Retail Stores	92,140	35.3	17.4	765,417	18.2	4.3	12.0	13.8	15.5	1.7	1.7
Miscellaneous Personal Services	81,369	34.1	0.4	677,689	30.9	12.5	12.0	12.3	11.0	0.3	-1.3
Beauty Shops	78,133	41.3	0.3	761,313	15.1	4.4	10.3	12.6	12.1	2.3	-0.5
Sporting Goods, Bicycles, and Hobby Stores	67,882	26.2	11.4	361,826	11.2	3.5	18.8	21.3	22.9	2.5	1.6
Auto and Home Supply Stores	60,909	21.5	-12.0	410,031	10.1	-4.0	14.9	16.4	15.0	1.5	-1.4
Residential Care Facilities, Without Nursing	52,316	53.9	12.0	484,626	45.9	5.8	10.8	11.4	12.0	0.6	0.7
Private Households	50,963	85.6	6.6	535,325	37.0	10.1	9.5	12.9	12.5	3.4	-0.4
Theaters and Motion Pictures	38,914	18.8	22.7	302,909	9.4	12.2	12.8	14.0	15.3	1.1	1.3
Shoe Stores	33,457	19.2	19.2	139,342	8.1	6.7	24.0	26.5	29.6	2.5	3.1
Veterinary Services	32,951	40.0	-0.8	210,363	29.4	6.9	15.7	17.0	15.7	1.3	-1.2
National Security and International Affairs	30,596	217.4	-13.6	596,264	60.9	6.3	5.1	10.1	8.2	5.0	-1.9
Food Stores, N.E.C.	27,053	26.2	18.0	191,241	16.8	14.9	14.1	15.3	15.7	1.1	0.4
Savings Institutions, Including Credit Unions	26,408	40.7	-23.8	204,268	36.4	-7.2	12.9	13.3	11.0	0.4	-2.4

Table C3. Detailed Breakdown of Employment by Industry for U.S. Young Adults Aged 20 to 24, 2000–2010 (continued)

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Museums, Art Galleries, and Zoos	18,202	148.4	13.2	159,830	115.3	5.5	11.4	13.1	14.1	1.7	1.0
Miscellaneous General Merchandise Stores	15,083	366.1	29.2	119,356	248.2	19.7	12.6	16.9	18.3	4.3	1.3
Liquor Stores	13,594	32.1	5.1	96,488	21.5	17.1	14.1	15.3	13.8	1.2	-1.6
Lodging Places, Except Hotels and Motels	7,256	128.9	9.3	56,243	65.8	0.1	12.9	17.8	19.4	4.9	1.6

Source: Authors' analysis of 2000 U.S. Decennial Census and 2005–2007/ 2009–2011 American Community Survey 3-year PUMS, IPUMS-USA.

Notes: Reported values for 2006 and 2010 are estimates from the 2005–2007 and 2009–2011 ACS 3-year PUMS respectively. Industry analysis conducted at the subsector, three-digit level. To provide consistent industry classification over the entire period, the IPUMS-USA harmonized variable IND1990 is used. Industries classified as a “decreasing share of the economy” are those where industry employment is growing slower than aggregate employment and are further limited to those that account for at least 0.5 percent of youth employment in 2000 or 2006. Industries classified as an “increasing share of the economy” are those where industry employment is growing faster than aggregate employment.

Table C4. Detailed Breakdown of Employment by Occupation for U.S. Young Adults Aged 20 to 24, 2000–2010

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Total Employment	12,810,866	8.6	-3.6	127,066,791	7.7	-0.5	10.1	10.2	9.8	0.1	-0.3
Employment in Top Young Adult Occupations	9,846,056	12.0	-0.9	82,424,594	9.5	0.7	11.9	12.2	12.0	0.3	-0.2
Occupations for Which Young Adult Share of Employment Fell between 2000 and 2006: And Represent a Decreasing Share of the Economy	4,905,597	-1.9	-11.3	50,401,304	6.9	-2.2	9.7	8.9	8.1	-0.8	-0.8
Customer Service Reps, Investigators and Adjusters, Except Insurance	350,900	3.1	6.5	2,082,092	6.2	5.7	16.9	16.4	16.5	-0.5	0.1
Secretaries	304,375	-3.2	-18.0	3,614,957	1.7	-7.9	8.4	8.0	7.1	-0.4	-0.9
Truck, Delivery, and Tractor Drivers	303,256	-11.3	-19.1	3,528,140	4.5	-8.4	8.6	7.3	6.4	-1.3	-0.8
Salespersons, N.E.C.	233,601	-2.9	-13.2	2,607,446	4.4	-7.3	9.0	8.3	7.8	-0.6	-0.5
General office Clerks	200,799	-17.7	-4.2	1,346,379	-17.3	2.1	14.9	14.8	13.9	-0.1	-0.9
Assemblers of Electrical Equipment	176,631	-22.4	-33.0	1,478,691	-12.9	-21.5	11.9	10.6	9.1	-1.3	-1.6
Computer Systems Analysts and Computer Scientists	169,199	-25.7	-3.3	1,654,438	6.8	10.2	10.2	7.1	6.2	-3.1	-0.9
Primary School Teachers	157,593	-3.3	-11.5	3,033,148	3.2	5.6	5.2	4.9	4.1	-0.3	-0.8
Machine Operators, N.E.C.	144,644	-14.9	-14.3	1,303,120	-7.6	-2.2	11.1	10.2	9.0	-0.9	-1.3
Bookkeepers and Accounting and Auditing Clerks	128,683	-30.5	-31.6	1,613,341	-11.7	-10.5	8.0	6.3	4.8	-1.7	-1.5
Computer Software Developers	99,055	-36.0	-19.4	1,343,406	-4.8	3.3	7.4	5.0	3.9	-2.4	-1.1
Data Entry Keyers	97,391	-33.4	-26.6	575,575	-18.9	-18.4	16.9	13.9	12.5	-3.0	-1.4
Office Supervisors	93,017	-21.2	-25.3	1,641,148	-3.7	-13.9	5.7	4.6	4.0	-1.0	-0.6
Shipping and Receiving Clerks	89,757	-13.6	-15.3	639,865	-5.0	-7.4	14.0	12.8	11.7	-1.3	-1.1
Managers and Specialists in Marketing, Advertising, and Public Relations	79,603	-34.6	-6.3	1,316,104	-24.5	4.7	6.0	5.2	4.7	-0.8	-0.5
Graders and Sorters in Manufacturing	73,085	-13.4	-24.0	847,800	-12.7	-4.9	8.6	8.6	6.8	-0.1	-1.7
Welders and Metal Cutters	67,187	-5.6	-24.7	600,631	-1.2	-10.9	11.2	10.7	9.0	-0.5	-1.7
Designers	64,448	3.5	-22.8	708,119	6.5	-5.9	9.1	8.8	7.3	-0.3	-1.6
Vehicle Washers and Equipment Cleaners	61,974	1.1	6.3	317,646	5.0	-2.3	19.5	18.8	20.5	-0.7	1.7
Library Assistants	34,840	-8.3	9.0	188,317	-7.5	-6.7	18.5	18.3	21.4	-0.2	3.1
Bill and Account Collectors	34,050	-8.8	-18.7	206,963	2.6	0.8	16.5	14.6	11.8	-1.8	-2.8
Correspondence and Order Clerks	25,958	-15.1	-33.7	170,088	-8.7	-13.1	15.3	14.2	10.8	-1.1	-3.4
Mail Clerks, Outside of Post office	24,913	-22.9	-30.6	148,834	-19.1	-18.8	16.7	16.0	13.6	-0.8	-2.3
Telephone Operators	23,054	-36.1	-14.7	147,585	-35.3	-14.8	15.6	15.4	15.4	-0.2	0.0
Dancers	9,519	-12.0	-10.6	23,711	-3.5	-5.8	40.1	36.6	34.8	-3.5	-1.8
Announcers	8,411	-37.8	1.8	51,080	-4.4	5.5	16.5	10.7	10.3	-5.7	-0.4
And Represent an Increasing Share of the Economy	1,849,654	16.0	-8.8	19,212,680	22.1	0.2	9.6	9.1	8.3	-0.5	-0.8
Supervisors and Proprietors of Sales Jobs	294,517	13.1	-16.6	3,574,449	17.3	-5.2	8.2	7.9	7.0	-0.3	-1.0
Receptionists	207,916	6.4	-0.7	1,032,020	8.2	0.5	20.1	19.8	19.6	-0.3	-0.2
Construction Laborers	187,393	46.2	-33.9	1,179,380	51.9	-12.8	15.9	15.3	11.6	-0.6	-3.7
Teachers, N.E.C.	172,107	18.1	13.2	1,421,008	18.4	11.3	12.1	12.1	12.3	0.0	0.2
Managers and Administrators, N.E.C.	135,594	9.8	-14.0	4,377,951	28.9	1.5	3.1	2.6	2.2	-0.5	-0.4
Gardeners and Groundskeepers	135,445	28.4	0.6	869,211	31.3	5.5	15.6	15.2	14.5	-0.4	-0.7
Accountants and Auditors	113,501	-8.6	-6.2	1,737,259	11.3	3.0	6.5	5.4	4.9	-1.2	-0.5
Guards, Watchmen, Doorkeepers	103,958	18.0	8.0	657,812	25.6	7.3	15.8	14.9	15.0	-0.9	0.1
Subject instructors (HS/College)	89,770	7.4	12.3	1,082,112	8.1	8.5	8.3	8.2	8.5	-0.1	0.3
Housekeepers, Maids, Butlers, Stewards, and Lodging Quarters Cleaners	80,716	10.7	7.2	1,057,053	19.9	10.7	7.6	7.1	6.8	-0.6	-0.2
Electricians	80,466	7.2	-34.0	729,098	13.3	-10.7	11.0	10.4	7.7	-0.6	-2.7
Kindergarten and Earlier School Teachers	58,484	16.4	9.3	422,892	23.8	8.2	13.8	13.0	13.1	-0.8	0.1
File Clerks	55,308	19.8	-13.0	304,359	23.3	-9.6	18.2	17.7	17.0	-0.5	-0.7
Dental Assistants	34,507	12.1	9.6	209,706	16.8	10.4	16.5	15.8	15.7	-0.7	-0.1

Table C4. Detailed Breakdown of Employment by Occupation for U.S. Young Adults Aged 20 to 24, 2000–2010 (continued)

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Roofers and Slaters	33,577	10.0	-27.0	194,952	20.3	-12.9	17.2	15.8	13.2	-1.5	-2.6
Drywall Installers	28,079	14.2	-50.0	174,157	26.7	-39.5	16.1	14.5	12.0	-1.6	-2.5
Helpers, Surveyors	17,112	35.7	-46.0	64,871	48.0	-38.1	26.4	24.2	21.1	-2.2	-3.1
Construction Trades, N.E.C.	9,281	34.1	-45.2	56,869	42.3	-14.6	16.3	15.4	9.9	-0.9	-5.5
Baggage Porters	8,440	23.0	30.1	49,379	32.5	18.1	17.1	15.9	17.5	-1.2	1.6
Construction Helpers	3,483	26.6	-5.4	18,142	27.5	-5.2	19.2	19.1	19.0	-0.1	0.0
Occupations for Which Young Adult Share of Employment <u>Rose</u> between 2000 and 2006:	4,940,459	25.9	7.1	32,023,290	13.8	4.9	15.4	17.1	17.4	1.6	0.4
And Represent a <u>Decreasing</u> Share of the Economy	1,563,319	8.0	3.9	8,619,924	-4.5	1.7	18.1	20.5	20.9	2.4	0.5
Retail Sales Clerks	544,602	17.1	5.2	3,220,268	-0.4	-0.5	16.9	19.9	21.0	3.0	1.1
Military	350,140	-11.2	7.6	1,152,639	-12.6	12.0	30.4	30.9	29.7	0.5	-1.2
Child Care Workers	215,708	16.2	9.5	1,322,945	-0.3	2.0	16.3	19.0	20.4	2.7	1.4
Automobile Mechanics	113,444	-4.5	-18.6	988,265	-13.2	-7.0	11.5	12.6	11.1	1.1	-1.6
Bank Tellers	110,335	20.1	-3.9	398,708	6.0	9.8	27.7	31.3	27.4	3.7	-3.9
Engineering Technicians, N.E.C.	66,487	15.0	-3.0	567,797	1.1	-2.2	11.7	13.3	13.2	1.6	-0.1
Kitchen Workers	52,914	13.4	33.3	313,129	-10.4	16.7	16.9	21.4	24.4	4.5	3.0
Interviewers, Enumerators, and Surveyors	34,464	-10.6	-5.9	250,965	-19.6	10.4	13.7	15.3	13.0	1.5	-2.3
Garage and Service Station Related Occupations	23,033	24.3	0.6	109,290	4.3	-1.8	21.1	25.1	25.7	4.0	0.6
Photographic Process Workers	15,253	7.9	-18.1	80,192	-17.0	-23.3	19.0	24.7	26.4	5.7	1.7
Office Machine Operators, N.E.C.	10,790	-8.0	-35.4	60,090	-11.7	-20.6	18.0	18.7	15.2	0.8	-3.5
Production Helpers	8,303	4.7	11.3	48,562	2.0	-5.1	17.1	17.6	20.6	0.5	3.0
Ushers	8,248	-3.6	18.7	47,466	-24.8	4.1	17.4	22.3	25.4	4.9	3.1
Machine Feeders and Offbearers	7,180	-18.8	-35.4	50,947	-29.7	-3.5	14.1	16.3	10.9	2.2	-5.4
Motion Picture Projectionists	2,418	27.9	13.0	8,661	2.4	-9.5	27.9	34.9	43.5	7.0	8.7
And Represent an <u>Increasing</u> Share of the Economy	3,377,140	34.1	8.3	23,403,366	20.5	5.8	14.4	16.1	16.4	1.6	0.4
Cashiers	487,352	34.9	23.4	2,616,437	13.9	7.2	18.6	22.0	25.4	3.4	3.3
Waiter/Waitress	472,209	36.8	4.7	1,641,552	18.9	4.9	28.8	33.1	33.0	4.3	-0.1
Cooks, Various Defined	368,815	25.6	8.0	2,374,733	16.0	6.8	15.5	16.8	17.0	1.3	0.2
Laborers Outside Construction	286,777	16.1	-4.0	1,750,009	12.1	-1.7	16.4	17.0	16.6	0.6	-0.4
Nursing Aides, Orderlies, and Attendants	225,842	43.1	23.1	1,872,553	32.7	22.9	12.1	13.0	13.0	0.9	0.0
Stock and Inventory Clerks	206,491	33.2	4.1	1,223,959	17.8	0.8	16.9	19.1	19.7	2.2	0.6
Carpenters	150,036	27.0	-51.4	1,325,093	20.0	-26.3	11.3	12.0	7.9	0.7	-4.1
Janitors	140,350	27.4	5.4	1,752,717	24.7	4.5	8.0	8.2	8.3	0.2	0.1
Misc Food Prep Workers	114,947	62.0	33.9	714,727	30.6	12.2	16.1	20.0	23.8	3.9	3.9
Farm Workers	107,836	8.8	1.7	699,543	7.9	5.5	15.4	15.6	15.0	0.1	-0.6
Managers of Food-Serving and Lodging Establishments	82,311	30.0	9.8	779,590	26.1	5.0	10.6	10.9	11.4	0.3	0.5
Waiter's Assistant	82,277	50.6	23.5	588,036	22.2	1.4	14.0	17.2	21.0	3.3	3.8
Health Aides, Except Nursing	81,716	25.7	11.5	557,005	22.9	16.1	14.7	15.0	14.4	0.3	-0.6
Hairdressers and Cosmetologists	73,670	45.2	1.2	761,431	19.5	10.6	9.7	11.8	10.8	2.1	-1.0
Bartenders	69,402	23.5	-13.4	308,262	18.7	7.1	22.5	23.4	18.9	0.9	-4.5
Registered Nurses	64,739	26.4	20.1	2,202,895	11.9	11.8	2.9	3.3	3.6	0.4	0.2
Dental Laboratory and Medical Appliance Technicians	62,293	57.6	10.0	381,165	37.5	13.1	16.3	18.7	18.2	2.4	-0.5
Painters, Construction and Maintenance	57,092	26.2	-36.7	506,218	25.6	-19.2	11.3	11.3	8.9	0.1	-2.5
Personal Service Occupations, N.E.C.	49,412	76.5	24.7	300,506	48.3	14.1	16.4	19.6	21.4	3.1	1.8
Recreation Workers	38,121	60.4	2.6	235,303	39.2	12.8	16.2	18.7	17.0	2.5	-1.7
Recreation Facility Attendants	33,647	25.7	32.7	199,199	20.4	9.9	16.9	17.6	21.3	0.7	3.7

Table C4. Detailed Breakdown of Employment by Occupation for U.S. Young Adults Aged 20 to 24, 2000–2010 (continued)

	Young Adult Employment			Aggregate Employment			Young Adult Share of Employment				
	2000	Percentage Point Change		2000	Percentage Point Change		Percent			Percentage Point Change	
		2000–2006	2006–2010		2000–2006	2006–2010	2000	2006	2010	2000–2006	2006–2010
Hotel Clerks	33,241	23.8	-3.1	108,306	14.6	8.0	30.7	33.2	29.8	2.5	-3.4
Athletes, Sports Instructors, and Officials	31,495	51.1	8.0	173,245	37.1	3.6	18.2	20.0	20.9	1.9	0.9
Protective Services, N.E.C.	16,044	109.3	34.3	86,516	80.9	16.3	18.5	21.5	24.8	2.9	3.3
Animal Caretakers Except on Farms	15,793	62.5	35.6	111,396	33.4	18.6	14.2	17.3	19.7	3.1	2.5
Parking Lot Attendants	12,061	41.4	5.8	50,611	34.6	7.3	23.8	25.0	24.7	1.2	-0.3
Guides	7,084	24.2	33.3	32,188	19.9	15.8	22.0	22.8	26.3	0.8	3.5
Other Mining Occupations	3,477	128.8	26.7	26,881	64.8	49.4	12.9	18.0	15.2	5.0	-2.7
Drillers of Oil Wells	1,781	255.6	-7.3	14,681	115.4	19.4	12.1	20.0	15.6	7.9	-4.5
Explosives Workers	829	180.7	-83.8	8,609	38.1	-22.9	9.6	19.6	4.1	9.9	-15.5

Source: Authors' analysis of 2000 U.S. Decennial Census and 2005–2007/ 2009–2011 American Community Survey 3-year PUMS, IPUMS-USA.

Notes: Reported values for 2006 and 2010 are estimates from the 2005–2007 and 2009–2011 ACS 3-year PUMS respectively. Occupational analysis conducted at the five-digit, broad occupation level. To provide consistent occupation classification over the entire period, the IPUMS-USA harmonized variable OCC1990 is used. Occupations where employment share were decreasing between 2000 and 2006 are further limited to those that account for at least 0.5 percent of youth employment in 2000. Occupations that are a decreasing share of the economy are those where aggregate employment is decreasing or growing less than average. Occupations that are an increasing share of the economy are those where aggregate employment is growing more than average.