

***Is Portland Really the Place Where Young People Go To Retire?  
Analyzing Labor Market Outcomes for Portland's Young and College-Educated***

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Table A1

**Young College-Educated Workforce Share, 2000, 2005-07 and 2008-10**

College-educated workers under age 40 as share of total civilian labor force

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	16.7%	10	(16.4-16.9)	15.3%	11	(15.0-15.6)	15.7%	13	(15.4-16.0)
Austin, TX	18.4%	6	(17.9-18.9)	17.4%	6	(16.9-18.0)	18.2%	6	(17.4-19.1)
Baltimore, MD	14.3%	17	(13.9-14.6)	14.9%	14	(14.4-15.3)	15.6%	14	(14.9-16.2)
Birmingham, AL	13.0%	26	(12.5-13.6)	11.8%	33	(11.2-12.4)	13.2%	28	(12.1-14.3)
Boston, MA-NH	20.3%	3	(20.1-20.6)	18.9%	4	(18.5-19.2)	20.0%	3	(19.5-20.5)
Buffalo, NY	11.8%	34	(11.3-12.2)	12.6%	30	(11.9-13.2)	13.8%	25	(12.8-14.8)
Charlotte, NC-SC	14.1%	20	(13.7-14.5)	14.1%	18	(13.6-14.5)	14.4%	20	(13.6-15.2)
Chicago, IL-IN	15.8%	12	(15.6-16.0)	15.2%	13	(15.0-15.4)	16.7%	10	(16.3-17.0)
Cincinnati OH-KY-IN	12.9%	29	(12.5-13.2)	12.5%	31	(12.0-12.9)	13.2%	30	(12.4-14.0)
Cleveland, OH	11.7%	36	(11.4-12.0)	11.0%	39	(10.5-11.4)	11.4%	40	(10.7-12.1)
Columbus, OH	15.3%	13	(14.9-15.7)	16.0%	10	(15.5-16.6)	16.6%	11	(15.7-17.4)
Dallas-Fort Worth, TX	14.0%	21	(13.8-14.2)	12.7%	29	(12.4-12.9)	13.2%	31	(12.7-13.6)
Denver-Boulder, CO	17.3%	7	(17.0-17.7)	16.0%	9	(15.6-16.5)	17.5%	9	(16.8-18.1)
Detroit, MI	11.9%	32	(11.7-12.1)	11.7%	34	(11.4-12.0)	11.4%	41	(10.9-11.9)
Hartford, CT	14.1%	18	(13.6-14.6)	13.6%	22	(13.0-14.2)	13.8%	24	(12.9-14.8)
Houston, TX	11.8%	33	(11.6-12.1)	10.9%	42	(10.6-11.1)	12.2%	35	(11.7-12.6)
Indianapolis, IN	13.8%	22	(13.4-14.2)	13.7%	21	(13.2-14.2)	14.3%	22	(13.4-15.1)
Jacksonville, FL	9.7%	48	(9.2-10.1)	9.8%	48	(9.3-10.4)	10.4%	47	(9.5-11.4)
Kansas City, MO-KS	14.5%	15	(14.1-14.9)	14.5%	15	(14.0-15.0)	15.3%	16	(14.4-16.1)
Las Vegas, NV	8.0%	49	(7.6-8.3)	8.4%	49	(8.0-8.8)	9.0%	49	(8.2-9.9)
Los Angeles-Orange County, CA	12.9%	27	(12.8-13.1)	12.8%	28	(12.6-13.0)	13.8%	26	(13.5-14.1)
Louisville, KY-IN	10.7%	43	(10.3-11.2)	10.9%	40	(10.4-11.5)	12.4%	33	(11.4-13.5)
Memphis, TN-MS-AR	11.2%	40	(10.7-11.6)	10.3%	45	(9.8-10.8)	10.8%	44	(9.8-11.8)
Miami-Ft. Lauderdale, FL	11.3%	38	(11.1-11.5)	10.9%	41	(10.6-11.2)	11.1%	43	(10.6-11.5)
Milwaukee, WI	13.5%	25	(13.1-13.9)	13.6%	23	(13.0-14.1)	13.2%	29	(12.3-14.1)
Minneapolis-St. Paul, MN	17.0%	8	(16.7-17.3)	16.2%	8	(15.8-16.6)	17.6%	8	(17.0-18.2)
Nashville, TN	14.1%	19	(13.6-14.6)	13.7%	20	(13.2-14.3)	15.2%	18	(14.2-16.1)
New Orleans, LA	10.9%	41	(10.5-11.3)	10.0%	47	(9.4-10.6)	11.4%	39	(10.4-12.5)
New York-Northern NJ-Long Island, NY-NJ	17.0%	9	(16.9-17.1)	16.8%	7	(16.7-17.0)	17.9%	7	(17.7-18.2)
Norfolk-Virginia-Beach-Newport News, VA	10.4%	44	(10.0-10.8)	10.4%	44	(9.9-10.9)	10.4%	48	(9.5-11.2)
Oklahoma City, OK	10.1%	46	(9.6-10.5)	11.3%	37	(10.8-11.9)	11.3%	42	(10.4-12.3)
Orlando, FL	12.4%	31	(12.0-12.8)	12.0%	32	(11.6-12.5)	12.2%	34	(11.5-13.0)
Philadelphia, PA-NJ-DE	14.4%	16	(14.2-14.6)	14.4%	17	(14.1-14.7)	15.1%	19	(14.6-15.5)
Phoenix, AZ	11.8%	35	(11.5-12.0)	11.5%	36	(11.1-11.8)	11.7%	37	(11.2-12.3)
Pittsburgh, PA	12.9%	28	(12.6-13.2)	13.2%	25	(12.8-13.6)	14.1%	23	(13.4-14.8)
Portland, OR-WA	13.5%	24	(13.1-13.9)	13.8%	19	(13.3-14.2)	15.6%	15	(14.8-16.4)
Providence, RI-MA	11.3%	39	(10.9-11.7)	11.6%	35	(11.1-12.2)	11.5%	38	(10.6-12.4)
Raleigh-Durham, NC	20.8%	2	(20.3-21.4)	19.8%	1	(19.2-20.4)	19.7%	5	(18.8-20.6)
Richmond, VA	14.6%	14	(14.1-15.1)	13.5%	24	(12.9-14.1)	14.3%	21	(13.3-15.4)
Riverside-San Bernardino, CA	6.6%	50	(6.4-6.8)	7.8%	50	(7.5-8.0)	7.5%	50	(7.0-8.1)
Sacramento, CA	11.7%	37	(11.3-12.0)	13.1%	26	(12.6-13.5)	11.9%	36	(11.1-12.7)
St. Louis, MO-IL	12.6%	30	(12.3-12.9)	13.0%	27	(12.6-13.4)	13.7%	27	(13.0-14.4)
Salt Lake City, UT	10.8%	42	(10.4-11.2)	11.2%	38	(10.7-11.8)	12.8%	32	(11.8-13.7)
San Antonio, TX	10.1%	45	(9.7-10.5)	10.1%	46	(9.6-10.5)	10.7%	45	(9.9-11.6)
San Diego, CA	13.8%	23	(13.4-14.1)	14.4%	16	(14.0-14.8)	15.2%	17	(14.6-15.9)
San Francisco-Oakland, CA	20.2%	4	(19.9-20.5)	18.8%	5	(18.4-19.2)	19.7%	4	(19.2-20.3)
San Jose, CA	21.4%	1	(20.9-21.9)	19.5%	2	(18.9-20.1)	20.3%	2	(19.4-21.1)
Seattle, WA	15.9%	11	(15.6-16.2)	15.3%	12	(14.9-15.6)	16.4%	12	(15.8-17.0)
Tampa-St. Petersburg, FL	9.9%	47	(9.6-10.2)	10.5%	43	(10.1-10.8)	10.6%	46	(9.9-11.2)
Washington, DC-MD-VA	20.2%	5	(19.9-20.5)	19.3%	3	(19.0-19.7)	20.5%	1	(20.1-21.0)
<b>50 Largest MSAs</b>	<b>14.5%</b>		<b>(14.4-14.5)</b>	<b>14.1%</b>		<b>(14.0-14.1)</b>	<b>14.8%</b>		<b>(14.7-14.9)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A2

**Young Adult College Attainment Rate, 2000, 2005-07 and 2008-10**

Share of adults 25-39 with a bachelor's degree or higher

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	34.4%	11	(33.9-34.9)	35.7%	19	(35.1-36.4)	37.5%	18	(36.9-38.2)
Austin, TX	37.8%	8	(36.9-38.7)	38.9%	11	(37.8-40.0)	39.5%	13	(38.5-40.6)
Baltimore, MD	33.2%	17	(32.6-33.9)	39.3%	9	(38.3-40.2)	41.4%	9	(40.4-42.3)
Birmingham, AL	29.6%	27	(28.5-30.6)	30.1%	33	(28.6-31.5)	32.2%	31	(30.8-33.6)
Boston, MA-NH	45.0%	1	(44.4-45.5)	49.3%	1	(48.6-50.1)	52.8%	1	(52.1-53.6)
Buffalo, NY	28.6%	30	(27.6-29.6)	33.5%	26	(32.0-35.0)	36.6%	22	(35.1-38.1)
Charlotte, NC-SC	30.1%	25	(29.3-30.8)	33.8%	23	(32.7-34.8)	35.3%	25	(34.3-36.3)
Chicago, IL-IN	34.2%	12	(33.8-34.5)	37.3%	15	(36.8-37.8)	40.3%	11	(39.9-40.8)
Cincinnati OH-KY-IN	29.8%	26	(29.1-30.6)	32.1%	28	(31.1-33.1)	35.1%	26	(34.1-36.2)
Cleveland, OH	28.1%	31	(27.4-28.8)	30.8%	31	(29.8-31.8)	32.6%	29	(31.6-33.7)
Columbus, OH	33.7%	15	(32.8-34.5)	37.8%	14	(36.7-38.9)	39.2%	15	(38.1-40.3)
Dallas-Fort Worth, TX	29.3%	28	(28.8-29.7)	29.2%	36	(28.6-29.7)	31.0%	35	(30.4-31.5)
Denver-Boulder, CO	38.8%	7	(38.1-39.5)	39.2%	10	(38.4-40.1)	42.2%	8	(41.4-43.1)
Detroit, MI	27.1%	32	(26.6-27.6)	30.2%	32	(29.5-30.9)	31.1%	34	(30.4-31.8)
Hartford, CT	34.1%	13	(33.1-35.1)	39.4%	8	(37.9-40.9)	40.5%	10	(39.0-42.0)
Houston, TX	25.2%	39	(24.7-25.6)	25.7%	45	(25.1-26.2)	28.1%	42	(27.6-28.7)
Indianapolis, IN	30.3%	23	(29.5-31.1)	33.7%	25	(32.6-34.7)	35.0%	27	(33.9-36.1)
Jacksonville, FL	22.7%	48	(21.8-23.6)	26.6%	44	(25.4-27.8)	27.6%	44	(26.4-28.9)
Kansas City, MO-KS	33.5%	16	(32.6-34.3)	37.1%	16	(35.9-38.2)	38.4%	17	(37.3-39.5)
Las Vegas, NV	17.3%	49	(16.6-18.0)	19.4%	49	(18.6-20.3)	21.5%	49	(20.7-22.4)
Los Angeles-Orange County, CA	25.7%	37	(25.4-25.9)	29.6%	35	(29.3-30.0)	32.5%	30	(32.1-32.9)
Louisville, KY-IN	24.7%	41	(23.8-25.7)	28.0%	40	(26.7-29.3)	31.3%	33	(30.0-32.6)
Memphis, TN-MS-AR	24.7%	42	(23.8-25.6)	24.7%	47	(23.5-25.8)	26.5%	47	(25.3-27.7)
Miami-Ft. Lauderdale, FL	26.1%	36	(25.6-26.5)	29.8%	34	(29.2-30.4)	29.8%	38	(29.2-30.4)
Milwaukee, WI	32.2%	19	(31.3-33.1)	36.1%	18	(34.9-37.4)	34.8%	28	(33.6-36.0)
Minneapolis-St. Paul, MN	39.1%	6	(38.4-39.7)	42.0%	6	(41.1-42.8)	44.9%	6	(44.1-45.8)
Nashville, TN	31.4%	20	(30.5-32.3)	33.4%	27	(32.2-34.6)	35.6%	23	(34.5-36.8)
New Orleans, LA	24.4%	43	(23.6-25.2)	26.8%	42	(25.5-28.2)	28.5%	40	(27.2-29.8)
New York-Northern NJ-Long Island, NY-NJ	35.6%	9	(35.3-35.8)	41.0%	7	(40.7-41.4)	43.4%	7	(43.1-43.8)
Norfolk-Virginia-Beach-Newport News, VA	23.9%	46	(23.1-24.6)	26.8%	43	(25.7-27.8)	27.9%	43	(26.8-29.0)
Oklahoma City, OK	24.1%	45	(23.2-25.0)	28.6%	38	(27.3-29.8)	27.5%	45	(26.4-28.7)
Orlando, FL	27.1%	33	(26.3-27.8)	29.0%	37	(28.0-30.0)	29.9%	37	(29.0-30.9)
Philadelphia, PA-NJ-DE	33.1%	18	(32.6-33.6)	37.8%	13	(37.2-38.5)	39.3%	14	(38.6-39.9)
Phoenix, AZ	25.1%	40	(24.6-25.7)	25.6%	46	(25.0-26.3)	27.1%	46	(26.5-27.8)
Pittsburgh, PA	31.4%	21	(30.7-32.1)	37.0%	17	(36.0-38.1)	38.6%	16	(37.5-39.6)
Portland, OR-WA	31.2%	22	(30.4-31.9)	34.1%	22	(33.1-35.1)	37.4%	19	(36.4-38.4)
Providence, RI-MA	26.8%	35	(26.0-27.7)	31.2%	30	(30.0-32.4)	32.1%	32	(30.8-33.3)
Raleigh-Durham, NC	43.6%	4	(42.7-44.6)	45.8%	5	(44.6-47.0)	46.7%	5	(45.5-47.9)
Richmond, VA	33.8%	14	(32.7-34.8)	35.6%	20	(34.2-37.0)	37.3%	20	(35.9-38.7)
Riverside-San Bernardino, CA	14.4%	50	(13.9-14.8)	17.3%	50	(16.7-17.8)	18.2%	50	(17.6-18.8)
Sacramento, CA	26.9%	34	(26.2-27.7)	31.6%	29	(30.6-32.6)	30.4%	36	(29.4-31.3)
St. Louis, MO-IL	30.3%	24	(29.6-30.9)	34.3%	21	(33.3-35.2)	36.7%	21	(35.7-37.6)
Salt Lake City, UT	25.4%	38	(24.5-26.2)	27.2%	41	(26.1-28.3)	29.6%	39	(28.5-30.6)
San Antonio, TX	22.9%	47	(22.1-23.6)	24.4%	48	(23.4-25.4)	26.2%	48	(25.2-27.1)
San Diego, CA	29.3%	29	(28.7-29.9)	33.7%	24	(32.9-34.5)	35.6%	24	(34.8-36.4)
San Francisco-Oakland, CA	43.3%	5	(42.8-43.9)	47.2%	3	(46.5-47.9)	48.6%	4	(47.9-49.3)
San Jose, CA	44.7%	2	(43.9-45.5)	47.0%	4	(45.9-48.1)	49.2%	3	(48.1-50.3)
Seattle, WA	35.6%	10	(35.0-36.2)	38.7%	12	(37.9-39.5)	40.0%	12	(39.2-40.7)
Tampa-St. Petersburg, FL	24.1%	44	(23.5-24.8)	28.2%	39	(27.3-29.1)	28.5%	41	(27.6-29.3)
Washington, DC-MD-VA	44.4%	3	(43.9-44.9)	48.5%	2	(47.8-49.1)	50.4%	2	(49.8-51.1)
<b>50 Largest MSAs</b>	<b>31.7%</b>		<b>(31.6-31.7)</b>	<b>34.6%</b>		<b>(34.5-34.7)</b>	<b>36.6%</b>		<b>(36.5-36.7)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A3

## Labor Force Participation Rate, Young College Educated Workers, 2000, 2005-07 and 2008-10

Metro Area	2000			2005-07			2008-10*		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	87.5%	24	(87.0-88.1)	87.9%	19	(87.2-88.6)	89.5%	26	(88.9-90.1)
Austin, TX	88.1%	17	(87.1-89.0)	86.7%	33	(85.5-87.9)	89.7%	18	(88.7-90.6)
Baltimore, MD	87.7%	19	(86.9-88.5)	88.4%	11	(87.4-89.4)	90.6%	10	(89.7-91.4)
Birmingham, AL	85.9%	44	(84.4-87.4)	86.4%	40	(84.5-88.3)	90.2%	13	(88.8-91.7)
Boston, MA-NH	87.1%	32	(86.6-87.6)	86.8%	30	(86.1-87.5)	89.7%	19	(89.1-90.2)
Buffalo, NY	88.7%	8	(87.4-90.0)	87.5%	24	(85.8-89.3)	91.1%	3	(89.7-92.5)
Charlotte, NC-SC	88.9%	4	(87.9-89.8)	88.6%	9	(87.5-89.8)	90.6%	9	(89.7-91.6)
Chicago, IL-IN	86.8%	36	(86.4-87.3)	86.7%	34	(86.1-87.2)	89.4%	29	(89.0-89.9)
Cincinnati OH-KY-IN	88.3%	16	(87.3-89.2)	88.7%	6	(87.4-89.9)	90.1%	16	(89.0-91.1)
Cleveland, OH	88.3%	12	(87.4-89.3)	87.6%	23	(86.3-88.9)	89.6%	21	(88.5-90.7)
Columbus, OH	88.4%	10	(87.4-89.4)	88.1%	15	(87.0-89.3)	90.4%	11	(89.4-91.4)
Dallas-Fort Worth, TX	87.0%	33	(86.4-87.6)	86.6%	37	(85.9-87.3)	88.7%	38	(88.1-89.4)
Denver-Boulder, CO	88.8%	6	(88.1-89.4)	88.2%	12	(87.3-89.2)	90.2%	14	(89.4-90.9)
Detroit, MI	87.1%	31	(86.4-87.8)	87.0%	28	(86.1-87.9)	89.1%	34	(88.3-89.9)
Hartford, CT	88.5%	9	(87.3-89.7)	88.0%	18	(86.5-89.6)	90.0%	17	(88.7-91.4)
Houston, TX	85.2%	45	(84.5-85.9)	85.6%	46	(84.7-86.5)	87.8%	47	(87.1-88.5)
Indianapolis, IN	89.6%	2	(88.6-90.6)	88.1%	16	(86.8-89.4)	91.1%	4	(90.0-92.1)
Jacksonville, FL	87.2%	30	(85.7-88.7)	87.3%	26	(85.5-89.1)	88.2%	45	(86.6-89.7)
Kansas City, MO-KS	88.7%	7	(87.8-89.7)	89.5%	4	(88.3-90.6)	91.0%	6	(90.0-92.0)
Las Vegas, NV	86.5%	39	(85.0-88.0)	86.4%	41	(84.7-88.1)	89.6%	20	(88.3-90.9)
Los Angeles-Orange County, CA	84.6%	47	(84.2-85.1)	85.9%	45	(85.4-86.5)	88.3%	43	(87.9-88.8)
Louisville, KY-IN	89.5%	3	(88.1-90.8)	88.2%	14	(86.4-90.0)	91.1%	5	(89.7-92.4)
Memphis, TN-MS-AR	87.2%	29	(85.8-88.6)	89.0%	5	(87.2-90.7)	89.3%	31	(87.8-90.8)
Miami-Ft. Lauderdale, FL	83.3%	49	(82.6-84.0)	85.2%	47	(84.4-86.1)	88.6%	41	(87.8-89.3)
Milwaukee, WI	88.3%	15	(87.2-89.4)	89.7%	2	(88.4-91.0)	90.8%	8	(89.7-92.0)
Minneapolis-St. Paul, MN	90.1%	1	(89.5-90.7)	89.5%	3	(88.7-90.3)	91.9%	1	(91.3-92.6)
Nashville, TN	87.6%	21	(86.5-88.8)	87.7%	21	(86.3-89.2)	89.5%	25	(88.3-90.7)
New Orleans, LA	87.3%	26	(86.0-88.6)	87.4%	25	(85.4-89.3)	89.2%	33	(87.7-90.7)
New York-Northern NJ-Long Island, NY-NJ	85.2%	46	(84.9-85.5)	86.3%	42	(85.9-86.7)	88.7%	40	(88.4-89.0)
Norfolk-Virginia-Beach-Newport News, VA	86.5%	40	(85.2-87.7)	88.6%	7	(87.2-90.1)	89.4%	30	(88.1-90.7)
Oklahoma City, OK	86.3%	42	(84.8-87.8)	86.4%	39	(84.7-88.2)	90.1%	15	(88.7-91.5)
Orlando, FL	87.6%	22	(86.5-88.7)	88.6%	8	(87.4-89.9)	89.4%	28	(88.3-90.5)
Philadelphia, PA-NJ-DE	87.2%	28	(86.6-87.8)	87.7%	22	(87.0-88.4)	89.6%	24	(89.0-90.2)
Phoenix, AZ	86.8%	37	(85.9-87.6)	86.5%	38	(85.5-87.5)	88.8%	37	(88.0-89.7)
Pittsburgh, PA	87.9%	18	(87.0-88.8)	88.1%	17	(86.9-89.2)	89.6%	23	(88.6-90.6)
Portland, OR-WA	87.3%	27	(86.3-88.3)	86.1%	43	(84.9-87.3)	89.5%	27	(88.5-90.4)
Providence, RI-MA	88.3%	14	(87.1-89.5)	88.2%	13	(86.7-89.7)	91.5%	2	(90.2-92.7)
Raleigh-Durham, NC	87.5%	25	(86.5-88.5)	86.8%	32	(85.5-88.0)	88.5%	42	(87.5-89.5)
Richmond, VA	88.3%	11	(87.1-89.6)	87.1%	27	(85.4-88.8)	89.6%	22	(88.2-91.0)
Riverside-San Bernardino, CA	83.3%	50	(82.0-84.5)	84.0%	49	(82.7-85.3)	87.2%	48	(86.1-88.3)
Sacramento, CA	86.7%	38	(85.6-87.8)	86.6%	36	(85.3-87.9)	88.0%	46	(86.8-89.1)
St. Louis, MO-IL	88.8%	5	(87.9-89.6)	89.8%	1	(88.8-90.9)	89.0%	35	(88.0-89.9)
Salt Lake City, UT	86.2%	43	(84.9-87.6)	84.6%	48	(82.9-86.2)	85.2%	50	(83.8-86.6)
San Antonio, TX	86.4%	41	(85.1-87.7)	86.6%	35	(85.0-88.2)	89.3%	32	(88.0-90.5)
San Diego, CA	86.9%	34	(86.0-87.7)	86.0%	44	(84.9-87.0)	88.2%	44	(87.3-89.1)
San Francisco-Oakland, CA	86.8%	35	(86.3-87.4)	86.9%	29	(86.2-87.6)	88.8%	36	(88.2-89.4)
San Jose, CA	84.4%	48	(83.5-85.3)	83.7%	50	(82.5-84.9)	85.9%	49	(84.9-87.0)
Seattle, WA	87.7%	20	(87.0-88.4)	86.8%	31	(85.9-87.7)	88.7%	39	(88.0-89.5)
Tampa-St. Petersburg, FL	87.6%	23	(86.6-88.6)	87.9%	20	(86.7-89.1)	90.4%	12	(89.3-91.4)
Washington, DC-MD-VA	88.3%	13	(87.9-88.8)	88.6%	10	(88.0-89.1)	91.0%	7	(90.5-91.5)
<b>50 Largest MSAs</b>	<b>86.8%</b>		<b>(86.7-86.9)</b>	<b>87.0%</b>		<b>(86.9-87.2)</b>	<b>89.2%</b>		<b>(89.1-89.4)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

\* Note: Changes to the Census Bureau methodology in 2008 for determining labor force status make labor force participation estimates not comparable between 2005-07 and 2008-10.

Table A4

**Labor Force Participation Rate, All Workers Aged 25-54, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10*		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	70.2%	7	(69.9-70.5)	70.0%	8	(69.7-70.3)	70.5%	7	(70.2-70.8)
Austin, TX	70.5%	6	(70.0-71.0)	70.8%	5	(70.3-71.3)	71.1%	5	(70.6-71.6)
Baltimore, MD	66.4%	25	(66.0-66.8)	67.0%	24	(66.5-67.4)	68.3%	22	(67.9-68.8)
Birmingham, AL	61.9%	43	(61.3-62.5)	63.4%	44	(62.7-64.1)	64.1%	44	(63.4-64.8)
Boston, MA-NH	67.4%	19	(67.1-67.6)	68.0%	17	(67.7-68.4)	69.7%	11	(69.3-70.0)
Buffalo, NY	62.8%	42	(62.3-63.4)	62.4%	46	(61.7-63.0)	63.7%	47	(63.0-64.3)
Charlotte, NC-SC	69.8%	8	(69.3-70.2)	69.5%	10	(69.0-69.9)	69.8%	10	(69.4-70.3)
Chicago, IL-IN	65.9%	26	(65.7-66.1)	67.3%	23	(67.1-67.6)	68.4%	21	(68.2-68.6)
Cincinnati OH-KY-IN	66.6%	23	(66.2-67.0)	66.8%	27	(66.3-67.3)	67.4%	27	(66.9-67.8)
Cleveland, OH	64.0%	38	(63.7-64.4)	64.9%	37	(64.5-65.4)	65.1%	40	(64.6-65.6)
Columbus, OH	69.4%	12	(68.9-69.8)	69.0%	11	(68.5-69.5)	69.2%	13	(68.7-69.7)
Dallas-Fort Worth, TX	69.4%	11	(69.1-69.6)	70.1%	7	(69.8-70.4)	70.5%	8	(70.2-70.7)
Denver-Boulder, CO	72.0%	2	(71.6-72.3)	71.5%	3	(71.1-71.9)	72.1%	3	(71.7-72.5)
Detroit, MI	64.5%	35	(64.2-64.7)	64.0%	42	(63.7-64.3)	63.9%	46	(63.6-64.3)
Hartford, CT	66.6%	24	(66.0-67.1)	67.5%	22	(66.9-68.1)	68.3%	23	(67.6-68.9)
Houston, TX	65.4%	29	(65.1-65.7)	67.8%	20	(67.5-68.1)	68.5%	20	(68.2-68.8)
Indianapolis, IN	69.0%	14	(68.6-69.5)	68.8%	14	(68.2-69.3)	69.0%	16	(68.4-69.5)
Jacksonville, FL	66.8%	21	(66.3-67.4)	66.9%	25	(66.2-67.5)	67.1%	30	(66.5-67.7)
Kansas City, MO-KS	69.5%	9	(69.0-69.9)	70.2%	6	(69.7-70.7)	70.6%	6	(70.1-71.1)
Las Vegas, NV	64.9%	33	(64.4-65.4)	68.0%	18	(67.4-68.5)	68.7%	19	(68.2-69.2)
Los Angeles-Orange County, CA	61.7%	44	(61.5-61.9)	64.8%	38	(64.6-65.0)	66.0%	36	(65.8-66.2)
Louisville, KY-IN	65.6%	28	(65.1-66.2)	65.9%	32	(65.2-66.6)	66.6%	31	(66.0-67.2)
Memphis, TN-MS-AR	65.0%	32	(64.5-65.5)	66.0%	30	(65.4-66.7)	66.4%	34	(65.8-67.0)
Miami-Ft. Lauderdale, FL	58.9%	50	(58.6-59.1)	62.3%	47	(62.0-62.6)	64.1%	45	(63.8-64.3)
Milwaukee, WI	68.1%	16	(67.6-68.6)	67.9%	19	(67.3-68.4)	68.8%	18	(68.3-69.4)
Minneapolis-St. Paul, MN	74.4%	1	(74.0-74.7)	73.6%	1	(73.2-74.0)	73.2%	2	(72.9-73.6)
Nashville, TN	68.8%	15	(68.3-69.3)	68.6%	16	(68.0-69.2)	68.9%	17	(68.3-69.4)
New Orleans, LA	60.8%	46	(60.3-61.3)	61.7%	48	(61.0-62.3)	64.6%	41	(64.0-65.2)
New York-Northern NJ-Long Island, NY-NJ	61.3%	45	(61.2-61.5)	63.6%	43	(63.4-63.8)	65.4%	39	(65.2-65.5)
Norfolk-Virginia-Beach-Newport News, VA	67.9%	17	(67.4-68.3)	68.8%	13	(68.2-69.3)	69.2%	14	(68.6-69.7)
Oklahoma City, OK	64.8%	34	(64.3-65.4)	65.6%	35	(64.9-66.2)	66.4%	33	(65.8-67.0)
Orlando, FL	65.4%	30	(64.9-65.8)	66.5%	28	(66.0-67.0)	67.4%	26	(67.0-67.9)
Philadelphia, PA-NJ-DE	64.2%	36	(63.9-64.4)	64.8%	39	(64.5-65.1)	66.1%	35	(65.8-66.4)
Phoenix, AZ	63.6%	40	(63.3-64.0)	65.0%	36	(64.6-65.3)	64.4%	42	(64.1-64.8)
Pittsburgh, PA	59.8%	47	(59.4-60.1)	60.8%	50	(60.3-61.2)	62.2%	49	(61.7-62.6)
Portland, OR-WA	69.4%	10	(69.0-69.8)	68.6%	15	(68.2-69.1)	69.1%	15	(68.6-69.5)
Providence, RI-MA	64.2%	37	(63.7-64.7)	65.6%	34	(65.0-66.2)	66.5%	32	(65.9-67.0)
Raleigh-Durham, NC	70.7%	5	(70.2-71.2)	69.7%	9	(69.2-70.3)	69.9%	9	(69.3-70.4)
Richmond, VA	67.5%	18	(66.9-68.1)	67.5%	21	(66.9-68.2)	67.2%	28	(66.6-67.9)
Riverside-San Bernardino, CA	59.4%	48	(59.0-59.7)	62.7%	45	(62.3-63.0)	62.9%	48	(62.6-63.3)
Sacramento, CA	64.0%	39	(63.6-64.5)	64.6%	40	(64.2-65.1)	64.2%	43	(63.7-64.7)
St. Louis, MO-IL	66.7%	22	(66.3-67.0)	66.8%	26	(66.4-67.3)	67.1%	29	(66.7-67.6)
Salt Lake City, UT	70.9%	4	(70.4-71.4)	71.1%	4	(70.5-71.6)	71.4%	4	(70.8-72.0)
San Antonio, TX	63.5%	41	(63.0-64.0)	64.4%	41	(63.9-64.9)	65.8%	38	(65.2-66.3)
San Diego, CA	65.2%	31	(64.9-65.6)	65.9%	33	(65.4-66.3)	65.9%	37	(65.5-66.3)
San Francisco-Oakland, CA	65.7%	27	(65.4-66.0)	66.1%	29	(65.7-66.4)	67.5%	25	(67.2-67.8)
San Jose, CA	67.1%	20	(66.7-67.6)	66.0%	31	(65.4-66.5)	67.6%	24	(67.1-68.1)
Seattle, WA	69.3%	13	(68.9-69.6)	68.8%	12	(68.4-69.2)	69.5%	12	(69.1-69.9)
Tampa-St. Petersburg, FL	59.0%	49	(58.6-59.4)	61.2%	49	(60.7-61.6)	61.8%	50	(61.4-62.2)
Washington, DC-MD-VA	71.4%	3	(71.1-71.6)	72.0%	2	(71.7-72.3)	73.7%	1	(73.5-74.0)
<b>50 Largest MSAs</b>	<b>65.2%</b>		<b>(65.2-65.3)</b>	<b>66.4%</b>		<b>(66.3-66.5)</b>	<b>67.3%</b>		<b>(67.3-67.4)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

\* Note: Changes to the Census Bureau methodology in 2008 for determining labor force status make labor force participation estimates not comparable between 2005-07 and 2008-10.

Table A5

**Unemployment Rate, Young College-Educated Workers, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	2.0%	33	(1.7-2.2)	3.2%	40	(2.9-3.6)	4.8%	42	(4.4-5.3)
Austin, TX	1.5%	17	(1.2-1.9)	2.6%	18	(2.1-3.1)	3.5%	25	(3.0-4.1)
Baltimore, MD	1.5%	14	(1.2-1.8)	1.9%	4	(1.5-2.3)	2.7%	5	(2.3-3.2)
Birmingham, AL	1.4%	6	(0.8-1.9)	1.9%	3	(1.2-2.6)	2.9%	6	(2.1-3.7)
Boston, MA-NH	1.7%	22	(1.4-1.9)	2.6%	20	(2.3-2.9)	3.6%	30	(3.3-4.0)
Buffalo, NY	2.0%	35	(1.4-2.6)	3.7%	48	(2.7-4.7)	2.9%	7	(2.1-3.7)
Charlotte, NC-SC	1.5%	11	(1.1-1.8)	3.2%	39	(2.6-3.8)	4.3%	36	(3.7-5.0)
Chicago, IL-IN	2.0%	36	(1.8-2.2)	3.1%	37	(2.9-3.4)	4.7%	39	(4.3-5.0)
Cincinnati OH-KY-IN	1.4%	10	(1.0-1.8)	2.4%	10	(1.8-2.9)	3.1%	11	(2.5-3.7)
Cleveland, OH	2.0%	34	(1.5-2.4)	2.6%	21	(2.0-3.2)	3.4%	20	(2.7-4.0)
Columbus, OH	1.3%	5	(1.0-1.7)	2.4%	12	(1.9-2.9)	2.6%	4	(2.0-3.1)
Dallas-Fort Worth, TX	1.8%	28	(1.6-2.1)	3.0%	33	(2.6-3.3)	3.6%	28	(3.2-3.9)
Denver-Boulder, CO	1.6%	19	(1.3-1.9)	2.9%	29	(2.4-3.3)	3.6%	27	(3.1-4.0)
Detroit, MI	1.6%	21	(1.3-1.9)	4.0%	50	(3.5-4.5)	5.8%	49	(5.2-6.4)
Hartford, CT	1.8%	26	(1.3-2.3)	2.7%	23	(2.0-3.4)	3.2%	15	(2.5-4.0)
Houston, TX	2.2%	42	(1.9-2.5)	2.9%	31	(2.5-3.3)	3.3%	18	(3.0-3.7)
Indianapolis, IN	1.3%	3	(0.9-1.6)	2.6%	19	(2.0-3.2)	3.7%	32	(3.1-4.4)
Jacksonville, FL	2.6%	47	(1.8-3.4)	2.6%	17	(1.8-3.3)	3.5%	22	(2.6-4.4)
Kansas City, MO-KS	1.2%	2	(0.9-1.6)	2.2%	7	(1.7-2.7)	3.1%	12	(2.5-3.7)
Las Vegas, NV	2.1%	38	(1.4-2.8)	2.2%	6	(1.5-2.8)	4.1%	35	(3.3-5.0)
Los Angeles-Orange County, CA	3.2%	50	(3.0-3.4)	3.7%	47	(3.4-4.0)	6.0%	50	(5.6-6.3)
Louisville, KY-IN	1.3%	4	(0.8-1.8)	2.3%	8	(1.5-3.1)	3.3%	16	(2.4-4.1)
Memphis, TN-MS-AR	1.8%	29	(1.2-2.4)	3.8%	49	(2.8-4.8)	3.3%	17	(2.4-4.2)
Miami-Ft. Lauderdale, FL	3.1%	49	(2.7-3.5)	2.9%	32	(2.5-3.3)	5.7%	48	(5.2-6.2)
Milwaukee, WI	1.1%	1	(0.7-1.4)	3.1%	36	(2.4-3.8)	1.9%	1	(1.3-2.4)
Minneapolis-St. Paul, MN	1.4%	9	(1.1-1.6)	1.8%	2	(1.5-2.2)	3.6%	26	(3.1-4.0)
Nashville, TN	1.9%	31	(1.4-2.4)	2.8%	26	(2.2-3.5)	3.7%	31	(3.0-4.4)
New Orleans, LA	1.4%	7	(0.9-1.9)	3.3%	42	(2.4-4.3)	3.4%	19	(2.5-4.3)
New York-Northern NJ-Long Island, NY-NJ	2.6%	48	(2.5-2.8)	3.3%	41	(3.1-3.5)	4.9%	44	(4.7-5.1)
Norfolk-Virginia-Beach-Newport News, VA	1.4%	8	(0.9-1.8)	2.5%	13	(1.8-3.1)	2.3%	2	(1.7-3.0)
Oklahoma City, OK	1.6%	20	(1.0-2.2)	2.5%	14	(1.8-3.3)	2.3%	3	(1.6-3.1)
Orlando, FL	2.1%	39	(1.6-2.7)	3.6%	44	(2.9-4.2)	4.7%	40	(3.9-5.4)
Philadelphia, PA-NJ-DE	1.8%	24	(1.5-2.0)	2.8%	27	(2.5-3.2)	4.0%	34	(3.6-4.4)
Phoenix, AZ	1.9%	30	(1.5-2.2)	2.5%	16	(2.1-2.9)	3.5%	24	(3.0-4.0)
Pittsburgh, PA	1.9%	32	(1.5-2.3)	2.7%	24	(2.2-3.2)	3.0%	8	(2.4-3.5)
Portland, OR-WA	2.6%	46	(2.1-3.1)	3.6%	46	(3.0-4.3)	5.4%	46	(4.7-6.1)
Providence, RI-MA	2.2%	40	(1.6-2.7)	2.3%	9	(1.7-3.0)	3.6%	29	(2.8-4.4)
Raleigh-Durham, NC	1.5%	13	(1.1-1.9)	2.7%	22	(2.1-3.2)	3.5%	23	(2.9-4.1)
Richmond, VA	1.5%	16	(1.0-2.0)	2.1%	5	(1.5-2.8)	3.0%	9	(2.2-3.8)
Riverside-San Bernardino, CA	2.5%	45	(1.9-3.0)	3.6%	45	(3.0-4.2)	5.5%	47	(4.7-6.3)
Sacramento, CA	2.0%	37	(1.5-2.5)	3.1%	35	(2.5-3.7)	4.4%	37	(3.7-5.1)
St. Louis, MO-IL	1.5%	15	(1.2-1.9)	2.5%	15	(2.0-3.0)	3.2%	13	(2.7-3.7)
Salt Lake City, UT	1.6%	18	(1.0-2.1)	1.7%	1	(1.1-2.2)	3.0%	10	(2.4-3.7)
San Antonio, TX	1.8%	27	(1.3-2.4)	2.8%	25	(2.1-3.5)	3.4%	21	(2.7-4.2)
San Diego, CA	2.3%	43	(1.9-2.7)	2.8%	28	(2.4-3.3)	5.0%	45	(4.4-5.5)
San Francisco-Oakland, CA	2.2%	41	(1.9-2.4)	3.5%	43	(3.1-3.9)	4.9%	43	(4.5-5.3)
San Jose, CA	1.7%	23	(1.3-2.0)	3.0%	34	(2.5-3.6)	4.7%	41	(4.1-5.3)
Seattle, WA	2.3%	44	(2.0-2.7)	3.1%	38	(2.7-3.6)	3.9%	33	(3.4-4.3)
Tampa-St. Petersburg, FL	1.8%	25	(1.3-2.2)	2.9%	30	(2.3-3.5)	4.5%	38	(3.8-5.3)
Washington, DC-MD-VA	1.5%	12	(1.3-1.7)	2.4%	11	(2.1-2.7)	3.2%	14	(2.9-3.5)
<b>50 Largest MSAs</b>	<b>2.0%</b>		<b>(2.0-2.1)</b>	<b>3.0%</b>		<b>(2.9-3.0)</b>	<b>4.2%</b>		<b>(4.1-4.3)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A6

**Unemployment Rate, Civilian Labor Force, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	4.9%	23	(4.8-5.1)	7.1%	42	(6.9-7.3)	10.4%	41	(10.2-10.6)
Austin, TX	4.0%	4	(3.7-4.2)	5.9%	20	(5.6-6.3)	7.2%	7	(6.9-7.5)
Baltimore, MD	5.0%	25	(4.8-5.3)	5.8%	14	(5.5-6.1)	7.3%	9	(7.0-7.5)
Birmingham, AL	5.5%	32	(5.2-5.9)	6.2%	26	(5.8-6.7)	9.2%	33	(8.7-9.6)
Boston, MA-NH	4.3%	11	(4.2-4.5)	5.8%	11	(5.6-6.0)	7.9%	17	(7.7-8.1)
Buffalo, NY	7.3%	48	(6.9-7.6)	7.0%	41	(6.6-7.5)	8.3%	20	(7.9-8.7)
Charlotte, NC-SC	5.1%	26	(4.8-5.3)	7.0%	40	(6.7-7.3)	10.5%	42	(10.2-10.9)
Chicago, IL-IN	6.3%	42	(6.2-6.4)	7.7%	46	(7.6-7.9)	10.0%	39	(9.8-10.1)
Cincinnati OH-KY-IN	4.2%	8	(4.0-4.4)	6.5%	30	(6.1-6.8)	8.8%	25	(8.5-9.1)
Cleveland, OH	5.3%	29	(5.1-5.5)	7.9%	48	(7.6-8.3)	10.4%	40	(10.1-10.7)
Columbus, OH	4.0%	3	(3.7-4.2)	6.5%	33	(6.2-6.9)	8.3%	21	(8.0-8.6)
Dallas-Fort Worth, TX	4.8%	20	(4.7-5.0)	6.6%	36	(6.4-6.8)	7.7%	15	(7.6-7.9)
Denver-Boulder, CO	4.0%	5	(3.8-4.2)	5.9%	16	(5.6-6.1)	7.7%	14	(7.5-8.0)
Detroit, MI	5.8%	36	(5.6-6.0)	10.3%	50	(10.0-10.5)	14.2%	50	(13.9-14.4)
Hartford, CT	5.5%	31	(5.2-5.8)	6.4%	28	(6.0-6.8)	8.4%	22	(8.1-8.8)
Houston, TX	6.3%	41	(6.1-6.4)	7.1%	43	(6.9-7.3)	7.3%	10	(7.1-7.5)
Indianapolis, IN	4.5%	15	(4.3-4.8)	6.5%	35	(6.2-6.9)	9.0%	30	(8.7-9.4)
Jacksonville, FL	4.5%	14	(4.2-4.8)	6.0%	21	(5.6-6.4)	9.5%	35	(9.1-9.9)
Kansas City, MO-KS	4.3%	10	(4.1-4.5)	5.9%	17	(5.6-6.2)	7.4%	11	(7.1-7.7)
Las Vegas, NV	6.4%	44	(6.1-6.7)	5.7%	9	(5.4-6.0)	11.3%	46	(10.9-11.6)
Los Angeles-Orange County, CA	7.4%	49	(7.3-7.6)	6.4%	29	(6.3-6.5)	9.7%	37	(9.6-9.8)
Louisville, KY-IN	4.5%	16	(4.2-4.8)	6.5%	31	(6.1-6.9)	9.1%	32	(8.7-9.5)
Memphis, TN-MS-AR	6.3%	43	(6.0-6.7)	8.7%	49	(8.3-9.2)	11.3%	47	(10.9-11.7)
Miami-Ft. Lauderdale, FL	6.7%	45	(6.5-6.9)	6.1%	22	(5.9-6.3)	10.7%	44	(10.5-10.9)
Milwaukee, WI	5.1%	27	(4.8-5.3)	7.3%	44	(6.9-7.6)	8.1%	19	(7.8-8.4)
Minneapolis-St. Paul, MN	3.5%	1	(3.4-3.7)	5.6%	7	(5.4-5.8)	7.2%	5	(7.0-7.4)
Nashville, TN	4.5%	12	(4.2-4.7)	5.8%	15	(5.5-6.2)	7.7%	13	(7.4-8.0)
New Orleans, LA	6.7%	46	(6.4-7.0)	7.9%	47	(7.4-8.3)	9.0%	29	(8.6-9.4)
New York-Northern NJ-Long Island, NY-NJ	6.9%	47	(6.8-6.9)	6.5%	34	(6.4-6.6)	8.6%	23	(8.5-8.7)
Norfolk-Virginia-Beach-Newport News, VA	5.2%	28	(5.0-5.5)	4.8%	2	(4.5-5.1)	6.6%	2	(6.3-6.8)
Oklahoma City, OK	4.5%	13	(4.2-4.8)	5.7%	10	(5.3-6.1)	6.2%	1	(5.9-6.5)
Orlando, FL	4.5%	17	(4.3-4.8)	5.8%	13	(5.5-6.1)	11.0%	45	(10.6-11.3)
Philadelphia, PA-NJ-DE	6.1%	39	(5.9-6.3)	6.8%	38	(6.7-7.0)	9.1%	31	(8.9-9.3)
Phoenix, AZ	4.9%	22	(4.7-5.1)	5.1%	4	(4.9-5.3)	8.9%	27	(8.7-9.1)
Pittsburgh, PA	5.9%	38	(5.6-6.1)	5.9%	19	(5.6-6.2)	7.2%	6	(7.0-7.5)
Portland, OR-WA	5.7%	35	(5.5-6.0)	6.5%	32	(6.2-6.8)	9.9%	38	(9.6-10.2)
Providence, RI-MA	5.7%	34	(5.4-6.0)	6.2%	25	(5.9-6.6)	9.6%	36	(9.2-10.0)
Raleigh-Durham, NC	4.2%	7	(3.9-4.5)	5.4%	6	(5.1-5.7)	8.0%	18	(7.7-8.3)
Richmond, VA	4.1%	6	(3.8-4.4)	5.8%	12	(5.4-6.2)	7.7%	16	(7.4-8.1)
Riverside-San Bernardino, CA	7.8%	50	(7.6-8.1)	7.4%	45	(7.1-7.6)	13.4%	49	(13.2-13.7)
Sacramento, CA	6.2%	40	(5.9-6.5)	6.9%	39	(6.5-7.2)	11.3%	48	(11.0-11.6)
St. Louis, MO-IL	5.6%	33	(5.4-5.8)	6.8%	37	(6.5-7.1)	8.6%	24	(8.4-8.9)
Salt Lake City, UT	4.7%	19	(4.5-5.0)	4.4%	1	(4.1-4.7)	7.2%	4	(6.8-7.5)
San Antonio, TX	5.4%	30	(5.1-5.7)	6.2%	27	(5.9-6.6)	7.2%	8	(6.9-7.5)
San Diego, CA	5.8%	37	(5.6-6.0)	5.4%	5	(5.1-5.6)	9.0%	28	(8.7-9.2)
San Francisco-Oakland, CA	4.7%	18	(4.5-4.8)	6.2%	24	(6.0-6.4)	8.9%	26	(8.7-9.1)
San Jose, CA	3.9%	2	(3.7-4.1)	6.2%	23	(5.8-6.5)	9.3%	34	(8.9-9.6)
Seattle, WA	4.9%	21	(4.7-5.1)	5.7%	8	(5.4-5.9)	7.7%	12	(7.4-7.9)
Tampa-St. Petersburg, FL	5.0%	24	(4.7-5.2)	5.9%	18	(5.6-6.1)	10.7%	43	(10.4-10.9)
Washington, DC-MD-VA	4.2%	9	(4.1-4.4)	4.9%	3	(4.7-5.0)	6.6%	3	(6.4-6.8)
<b>50 Largest MSAs</b>	<b>5.6%</b>		<b>(5.6-5.6)</b>	<b>6.5%</b>		<b>(6.4-6.5)</b>	<b>9.0%</b>		<b>(9.0-9.1)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A7

**Part-Time Employment Rate, Young College Educated Workers, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	8.3%	42	(7.8-8.8)	9.1%	43	(8.5-9.8)	9.6%	45	(8.9-10.2)
Austin, TX	10.9%	18	(10.0-11.8)	11.1%	27	(10.0-12.3)	12.2%	18	(11.0-13.3)
Baltimore, MD	10.4%	27	(9.6-11.1)	10.5%	32	(9.6-11.5)	10.3%	36	(9.3-11.3)
Birmingham, AL	8.3%	40	(7.1-9.5)	8.2%	48	(6.6-9.8)	9.7%	43	(8.0-11.4)
Boston, MA-NH	11.3%	13	(10.8-11.8)	11.4%	25	(10.7-12.0)	11.8%	22	(11.1-12.5)
Buffalo, NY	13.2%	5	(11.8-14.6)	13.8%	3	(11.9-15.7)	15.4%	4	(13.4-17.4)
Charlotte, NC-SC	8.2%	43	(7.4-9.0)	9.3%	42	(8.2-10.4)	10.3%	37	(9.1-11.4)
Chicago, IL-IN	10.7%	20	(10.3-11.1)	11.2%	26	(10.7-11.7)	11.3%	26	(10.8-11.9)
Cincinnati OH-KY-IN	10.3%	28	(9.4-11.2)	12.5%	12	(11.2-13.8)	12.3%	17	(11.0-13.6)
Cleveland, OH	11.0%	16	(10.1-11.9)	12.9%	9	(11.6-14.3)	13.1%	8	(11.6-14.5)
Columbus, OH	11.3%	14	(10.3-12.2)	10.6%	31	(9.4-11.7)	10.3%	34	(9.2-11.5)
Dallas-Fort Worth, TX	8.1%	46	(7.6-8.5)	9.4%	41	(8.7-10.0)	9.5%	46	(8.9-10.2)
Denver-Boulder, CO	10.7%	22	(10.0-11.4)	13.1%	8	(12.1-14.1)	12.0%	20	(11.0-12.9)
Detroit, MI	10.0%	30	(9.4-10.6)	11.8%	17	(11.0-12.7)	12.4%	15	(11.4-13.4)
Hartford, CT	12.2%	8	(11.0-13.5)	12.5%	13	(10.9-14.1)	13.0%	11	(11.3-14.7)
Houston, TX	7.9%	48	(7.4-8.5)	8.5%	47	(7.8-9.3)	8.2%	49	(7.6-8.9)
Indianapolis, IN	9.1%	35	(8.2-10.1)	10.7%	29	(9.5-11.9)	11.0%	28	(9.8-12.3)
Jacksonville, FL	8.4%	39	(7.2-9.7)	9.5%	39	(7.9-11.1)	11.3%	25	(9.5-13.1)
Kansas City, MO-KS	8.7%	38	(7.8-9.5)	11.7%	19	(10.5-12.9)	10.0%	42	(8.8-11.1)
Las Vegas, NV	7.9%	47	(6.7-9.2)	10.0%	36	(8.5-11.5)	12.8%	12	(11.2-14.5)
Los Angeles-Orange County, CA	11.9%	10	(11.5-12.3)	12.7%	11	(12.2-13.3)	13.8%	7	(13.3-14.4)
Louisville, KY-IN	11.8%	12	(10.4-13.2)	11.5%	23	(9.7-13.2)	11.7%	23	(9.9-13.4)
Memphis, TN-MS-AR	10.5%	24	(9.2-11.8)	10.6%	30	(8.9-12.3)	10.2%	38	(8.5-11.9)
Miami-Ft. Lauderdale, FL	8.8%	36	(8.2-9.4)	8.9%	45	(8.2-9.6)	10.2%	39	(9.4-11.0)
Milwaukee, WI	12.5%	7	(11.4-13.6)	13.4%	6	(11.9-14.9)	13.0%	10	(11.4-14.5)
Minneapolis-St. Paul, MN	11.9%	11	(11.2-12.5)	12.0%	16	(11.1-12.9)	12.0%	19	(11.1-12.9)
Nashville, TN	8.7%	37	(7.7-9.7)	11.6%	22	(10.2-13.0)	11.6%	24	(10.2-13.0)
New Orleans, LA	11.0%	17	(9.7-12.2)	11.4%	24	(9.5-13.3)	10.9%	33	(9.1-12.7)
New York-Northern NJ-Long Island, NY-NJ	10.0%	31	(9.7-10.3)	9.6%	38	(9.2-9.9)	10.0%	41	(9.7-10.4)
Norfolk-Virginia-Beach-Newport News, VA	9.9%	32	(8.8-10.9)	10.3%	35	(8.9-11.7)	10.3%	35	(8.8-11.8)
Oklahoma City, OK	10.7%	23	(9.3-12.0)	12.1%	14	(10.3-13.8)	12.7%	13	(10.9-14.5)
Orlando, FL	7.7%	49	(6.9-8.6)	7.6%	50	(6.5-8.6)	9.6%	44	(8.4-10.8)
Philadelphia, PA-NJ-DE	10.5%	25	(9.9-11.0)	10.9%	28	(10.3-11.6)	11.0%	30	(10.3-11.7)
Phoenix, AZ	9.4%	34	(8.7-10.1)	10.5%	34	(9.6-11.3)	11.1%	27	(10.2-12.1)
Pittsburgh, PA	11.2%	15	(10.3-12.1)	11.6%	21	(10.5-12.8)	10.9%	32	(9.7-12.0)
Portland, OR-WA	14.2%	2	(13.2-15.3)	15.3%	2	(14.0-16.6)	17.9%	1	(16.5-19.3)
Providence, RI-MA	14.4%	1	(13.1-15.7)	13.8%	4	(12.1-15.4)	14.7%	6	(12.9-16.5)
Raleigh-Durham, NC	9.8%	33	(8.9-10.7)	12.0%	15	(10.9-13.2)	11.0%	29	(9.9-12.2)
Richmond, VA	10.3%	29	(9.1-11.5)	9.4%	40	(8.0-10.9)	10.1%	40	(8.5-11.7)
Riverside-San Bernardino, CA	13.2%	4	(12.0-14.4)	13.1%	7	(11.9-14.4)	15.2%	5	(13.8-16.6)
Sacramento, CA	12.6%	6	(11.5-13.7)	13.7%	5	(12.4-15.0)	15.5%	3	(13.9-17.0)
St. Louis, MO-IL	10.4%	26	(9.6-11.2)	10.5%	33	(9.5-11.6)	11.9%	21	(10.8-13.0)
Salt Lake City, UT	13.6%	3	(12.3-15.0)	16.6%	1	(14.8-18.3)	16.2%	2	(14.5-18.0)
San Antonio, TX	8.1%	45	(7.1-9.1)	9.0%	44	(7.6-10.3)	9.1%	48	(7.8-10.4)
San Diego, CA	10.9%	19	(10.1-11.7)	11.7%	20	(10.7-12.6)	12.4%	16	(11.3-13.4)
San Francisco-Oakland, CA	10.7%	21	(10.2-11.2)	11.8%	18	(11.1-12.5)	12.6%	14	(11.9-13.4)
San Jose, CA	7.3%	50	(6.7-7.9)	9.9%	37	(8.9-10.9)	9.3%	47	(8.3-10.3)
Seattle, WA	12.1%	9	(11.4-12.8)	12.9%	10	(12.0-13.8)	13.0%	9	(12.0-13.9)
Tampa-St. Petersburg, FL	8.3%	41	(7.4-9.2)	8.8%	46	(7.8-9.9)	10.9%	31	(9.7-12.1)
Washington, DC-MD-VA	8.2%	44	(7.8-8.6)	8.0%	49	(7.5-8.5)	7.8%	50	(7.3-8.3)
<b>50 Largest MSAs</b>	<b>10.2%</b>		<b>(10.1-10.3)</b>	<b>10.9%</b>		<b>(10.7-11.0)</b>	<b>11.2%</b>		<b>(11.1-11.4)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.



Table A8

**Part-Time Employment Rate, All Employed Workers, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	13.6%	47	(13.3-13.8)	16.3%	45	(16.0-16.6)	18.4%	44	(18.1-18.8)
Austin, TX	16.2%	31	(15.8-16.7)	17.9%	31	(17.3-18.4)	18.5%	43	(17.9-19.1)
Baltimore, MD	16.4%	28	(16.0-16.7)	17.9%	32	(17.4-18.3)	19.0%	39	(18.5-19.4)
Birmingham, AL	14.4%	44	(13.9-14.9)	16.8%	42	(16.1-17.5)	18.5%	42	(17.7-19.3)
Boston, MA-NH	20.1%	7	(19.8-20.4)	22.4%	6	(22.1-22.8)	23.9%	8	(23.5-24.3)
Buffalo, NY	23.2%	1	(22.6-23.7)	24.8%	1	(24.0-25.6)	25.3%	2	(24.4-26.1)
Charlotte, NC-SC	14.0%	46	(13.6-14.4)	17.8%	34	(17.3-18.3)	20.1%	29	(19.5-20.7)
Chicago, IL-IN	17.4%	23	(17.2-17.6)	19.3%	22	(19.1-19.6)	21.3%	21	(21.1-21.6)
Cincinnati OH-KY-IN	19.3%	10	(18.9-19.7)	21.4%	13	(20.9-22.0)	22.6%	14	(22.0-23.2)
Cleveland, OH	19.0%	12	(18.6-19.4)	22.2%	9	(21.7-22.8)	24.0%	7	(23.4-24.6)
Columbus, OH	18.0%	19	(17.6-18.4)	20.5%	14	(19.9-21.1)	21.1%	22	(20.5-21.7)
Dallas-Fort Worth, TX	13.2%	48	(13.0-13.4)	15.5%	47	(15.2-15.7)	16.7%	48	(16.4-17.0)
Denver-Boulder, CO	16.9%	26	(16.5-17.2)	19.5%	20	(19.0-19.9)	20.9%	23	(20.4-21.4)
Detroit, MI	18.3%	17	(18.0-18.5)	21.7%	12	(21.3-22.1)	24.2%	6	(23.8-24.7)
Hartford, CT	19.4%	9	(18.9-19.9)	22.9%	3	(22.2-23.6)	23.9%	9	(23.1-24.7)
Houston, TX	13.2%	49	(12.9-13.4)	14.9%	49	(14.6-15.2)	16.2%	50	(15.9-16.5)
Indianapolis, IN	16.1%	32	(15.7-16.5)	18.6%	27	(18.1-19.2)	20.9%	24	(20.3-21.5)
Jacksonville, FL	14.5%	43	(14.0-14.9)	16.8%	41	(16.2-17.5)	19.1%	38	(18.4-19.8)
Kansas City, MO-KS	15.9%	35	(15.5-16.3)	18.6%	26	(18.1-19.2)	19.3%	36	(18.7-19.9)
Las Vegas, NV	12.9%	50	(12.5-13.3)	13.2%	50	(12.7-13.7)	18.7%	40	(18.1-19.2)
Los Angeles-Orange County, CA	17.9%	22	(17.7-18.0)	19.0%	23	(18.8-19.2)	22.0%	17	(21.8-22.3)
Louisville, KY-IN	17.9%	21	(17.3-18.4)	19.9%	19	(19.2-20.6)	21.4%	19	(20.6-22.2)
Memphis, TN-MS-AR	14.6%	42	(14.1-15.1)	18.0%	30	(17.3-18.6)	19.9%	31	(19.2-20.6)
Miami-Ft. Lauderdale, FL	15.6%	38	(15.3-15.8)	16.3%	46	(16.0-16.6)	19.2%	37	(18.8-19.5)
Milwaukee, WI	20.4%	5	(19.9-20.8)	22.8%	4	(22.1-23.4)	24.4%	4	(23.8-25.1)
Minneapolis-St. Paul, MN	20.6%	4	(20.3-20.9)	22.4%	8	(21.9-22.8)	24.3%	5	(23.8-24.8)
Nashville, TN	15.4%	41	(14.9-15.8)	17.0%	39	(16.4-17.6)	19.6%	32	(19.0-20.3)
New Orleans, LA	17.1%	24	(16.6-17.6)	17.3%	38	(16.6-18.0)	17.4%	47	(16.6-18.1)
New York-Northern NJ-Long Island, NY-NJ	16.8%	27	(16.7-16.9)	17.6%	35	(17.4-17.8)	18.5%	41	(18.4-18.7)
Norfolk-Virginia-Beach-Newport News, VA	16.3%	29	(15.9-16.7)	16.9%	40	(16.3-17.4)	18.4%	45	(17.8-19.0)
Oklahoma City, OK	17.0%	25	(16.5-17.6)	19.0%	24	(18.3-19.7)	19.6%	33	(18.9-20.3)
Orlando, FL	15.6%	37	(15.2-16.0)	16.5%	43	(16.0-16.9)	20.8%	25	(20.2-21.4)
Philadelphia, PA-NJ-DE	18.4%	16	(18.2-18.7)	20.3%	17	(20.0-20.7)	20.8%	26	(20.4-21.1)
Phoenix, AZ	15.8%	36	(15.5-16.1)	16.4%	44	(16.0-16.7)	19.4%	34	(19.0-19.8)
Pittsburgh, PA	20.1%	6	(19.7-20.5)	22.4%	7	(21.9-22.9)	22.3%	15	(21.7-22.8)
Portland, OR-WA	19.1%	11	(18.7-19.5)	21.9%	11	(21.3-22.4)	23.9%	10	(23.3-24.5)
Providence, RI-MA	22.2%	2	(21.7-22.7)	23.8%	2	(23.2-24.5)	25.6%	1	(24.9-26.3)
Raleigh-Durham, NC	15.9%	34	(15.5-16.4)	18.4%	28	(17.8-19.0)	20.1%	28	(19.5-20.8)
Richmond, VA	16.1%	33	(15.5-16.6)	17.8%	33	(17.2-18.5)	19.4%	35	(18.6-20.1)
Riverside-San Bernardino, CA	18.1%	18	(17.8-18.5)	19.0%	25	(18.6-19.4)	23.4%	11	(22.9-23.9)
Sacramento, CA	19.4%	8	(19.0-19.9)	22.0%	10	(21.4-22.5)	24.8%	3	(24.1-25.4)
St. Louis, MO-IL	18.7%	13	(18.3-19.0)	20.5%	16	(20.0-21.0)	22.2%	16	(21.7-22.7)
Salt Lake City, UT	21.2%	3	(20.7-21.7)	22.6%	5	(22.0-23.2)	23.3%	12	(22.6-24.0)
San Antonio, TX	15.6%	39	(15.1-16.0)	17.3%	37	(16.8-17.9)	18.1%	46	(17.5-18.7)
San Diego, CA	18.7%	14	(18.3-19.0)	19.4%	21	(19.0-19.9)	21.8%	18	(21.4-22.3)
San Francisco-Oakland, CA	18.0%	20	(17.7-18.2)	20.5%	15	(20.2-20.9)	22.8%	13	(22.4-23.2)
San Jose, CA	15.5%	40	(15.1-15.9)	18.3%	29	(17.7-18.8)	20.3%	27	(19.7-21.0)
Seattle, WA	18.6%	15	(18.2-18.9)	20.1%	18	(19.7-20.5)	21.4%	20	(20.9-21.8)
Tampa-St. Petersburg, FL	16.3%	30	(15.9-16.6)	17.5%	36	(17.1-18.0)	19.9%	30	(19.4-20.4)
Washington, DC-MD-VA	14.3%	45	(14.0-14.5)	15.2%	48	(14.9-15.5)	16.3%	49	(16.0-16.6)
<b>50 Largest MSAs</b>	<b>17.1%</b>		<b>(17.0-17.1)</b>	<b>18.7%</b>		<b>(18.7-18.8)</b>	<b>20.5%</b>		<b>(20.4-20.6)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A9

## Self-Employment Rate, Young College Educated Workers, 2000, 2005-07 and 2008-10

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	6.9%	20	(6.4-7.4)	7.9%	15	(7.2-8.5)	6.9%	13	(6.3-7.6)
Austin, TX	7.3%	14	(6.4-8.1)	8.9%	3	(7.7-10.1)	7.9%	5	(6.9-8.9)
Baltimore, MD	5.6%	40	(5.0-6.3)	5.8%	36	(5.0-6.6)	4.1%	47	(3.4-4.8)
Birmingham, AL	6.9%	21	(5.6-8.1)	6.3%	28	(4.7-7.9)	5.8%	28	(4.4-7.2)
Boston, MA-NH	6.1%	30	(5.6-6.5)	5.8%	35	(5.3-6.4)	4.4%	42	(3.9-4.9)
Buffalo, NY	5.7%	39	(4.6-6.8)	4.2%	50	(2.9-5.4)	4.5%	39	(3.3-5.8)
Charlotte, NC-SC	6.3%	25	(5.4-7.1)	7.9%	14	(6.7-9.0)	6.3%	20	(5.3-7.2)
Chicago, IL-IN	7.2%	18	(6.8-7.5)	6.8%	23	(6.3-7.3)	5.8%	27	(5.4-6.2)
Cincinnati OH-KY-IN	5.7%	38	(4.9-6.5)	5.9%	33	(4.9-7.0)	4.1%	46	(3.3-5.0)
Cleveland, OH	6.3%	26	(5.4-7.1)	6.0%	32	(4.9-7.1)	5.3%	31	(4.3-6.3)
Columbus, OH	5.6%	41	(4.8-6.4)	5.8%	37	(4.8-6.8)	4.9%	36	(4.0-5.7)
Dallas-Fort Worth, TX	6.0%	32	(5.5-6.5)	6.5%	27	(5.9-7.2)	5.9%	23	(5.3-6.5)
Denver-Boulder, CO	8.1%	4	(7.4-8.8)	8.6%	5	(7.7-9.5)	7.8%	6	(6.9-8.6)
Detroit, MI	6.0%	31	(5.5-6.6)	6.1%	30	(5.3-6.8)	5.2%	33	(4.5-5.9)
Hartford, CT	5.5%	43	(4.6-6.5)	5.9%	34	(4.6-7.2)	3.7%	50	(2.7-4.7)
Houston, TX	6.1%	27	(5.5-6.7)	7.1%	20	(6.4-7.9)	5.9%	24	(5.3-6.5)
Indianapolis, IN	6.9%	19	(6.0-7.8)	6.3%	29	(5.2-7.4)	5.8%	29	(4.8-6.8)
Jacksonville, FL	5.8%	36	(4.6-7.0)	7.0%	21	(5.4-8.6)	5.8%	26	(4.4-7.2)
Kansas City, MO-KS	6.1%	28	(5.3-6.9)	6.8%	22	(5.8-7.9)	5.1%	35	(4.2-6.0)
Las Vegas, NV	6.8%	22	(5.5-8.1)	8.3%	7	(6.8-9.9)	7.0%	12	(5.6-8.3)
Los Angeles-Orange County, CA	9.6%	1	(9.2-10.1)	9.7%	2	(9.2-10.2)	9.2%	2	(8.8-9.7)
Louisville, KY-IN	6.4%	24	(5.1-7.6)	6.6%	25	(5.0-8.1)	5.9%	25	(4.5-7.2)
Memphis, TN-MS-AR	5.1%	46	(4.0-6.1)	5.5%	41	(4.1-7.0)	4.6%	38	(3.3-5.9)
Miami-Ft. Lauderdale, FL	9.3%	2	(8.6-9.9)	10.2%	1	(9.3-11.1)	9.9%	1	(9.1-10.8)
Milwaukee, WI	5.3%	45	(4.5-6.2)	5.6%	40	(4.5-6.7)	4.2%	45	(3.2-5.2)
Minneapolis-St. Paul, MN	5.9%	33	(5.3-6.4)	5.2%	46	(4.5-5.9)	5.6%	30	(4.9-6.3)
Nashville, TN	7.5%	9	(6.4-8.5)	8.4%	6	(7.0-9.8)	7.0%	11	(5.8-8.2)
New Orleans, LA	7.8%	7	(6.5-9.0)	8.1%	12	(6.2-10.0)	6.9%	14	(5.3-8.4)
New York-Northern NJ-Long Island, NY-NJ	7.4%	12	(7.1-7.7)	7.9%	16	(7.5-8.2)	6.6%	18	(6.3-6.9)
Norfolk-Virginia-Beach-Newport News, VA	5.1%	48	(4.1-6.0)	4.8%	47	(3.7-6.0)	4.4%	44	(3.3-5.4)
Oklahoma City, OK	7.4%	11	(6.1-8.8)	8.2%	9	(6.6-9.9)	8.1%	4	(6.5-9.6)
Orlando, FL	7.2%	16	(6.2-8.2)	7.6%	17	(6.4-8.8)	7.0%	9	(5.9-8.1)
Philadelphia, PA-NJ-DE	5.9%	34	(5.4-6.3)	5.5%	43	(4.9-6.1)	4.9%	37	(4.4-5.4)
Phoenix, AZ	8.3%	3	(7.5-9.0)	8.2%	11	(7.3-9.1)	7.6%	7	(6.7-8.5)
Pittsburgh, PA	5.5%	42	(4.8-6.3)	5.4%	45	(4.5-6.4)	4.0%	48	(3.2-4.8)
Portland, OR-WA	7.9%	6	(6.9-8.8)	8.9%	4	(7.7-10.0)	8.9%	3	(7.8-10.0)
Providence, RI-MA	7.4%	13	(6.3-8.5)	6.1%	31	(4.8-7.3)	6.5%	19	(5.1-7.8)
Raleigh-Durham, NC	5.8%	35	(5.0-6.6)	6.6%	26	(5.5-7.6)	5.2%	32	(4.3-6.1)
Richmond, VA	5.4%	44	(4.4-6.4)	4.7%	49	(3.5-5.9)	4.5%	40	(3.4-5.7)
Riverside-San Bernardino, CA	7.5%	8	(6.5-8.6)	7.2%	19	(6.1-8.3)	6.2%	21	(5.2-7.2)
Sacramento, CA	6.1%	29	(5.2-7.0)	5.8%	39	(4.7-6.8)	6.6%	17	(5.5-7.7)
St. Louis, MO-IL	5.0%	49	(4.4-5.7)	5.8%	38	(4.9-6.7)	5.2%	34	(4.3-6.0)
Salt Lake City, UT	7.2%	15	(6.0-8.4)	8.2%	10	(6.7-9.7)	6.8%	15	(5.5-8.0)
San Antonio, TX	5.7%	37	(4.7-6.7)	4.7%	48	(3.6-5.9)	4.4%	43	(3.4-5.4)
San Diego, CA	8.0%	5	(7.2-8.7)	8.0%	13	(7.1-8.9)	7.5%	8	(6.6-8.4)
San Francisco-Oakland, CA	7.5%	10	(7.0-7.9)	8.3%	8	(7.6-8.9)	7.0%	10	(6.4-7.6)
San Jose, CA	4.5%	50	(4.0-5.1)	5.4%	44	(4.6-6.3)	4.0%	49	(3.3-4.7)
Seattle, WA	6.8%	23	(6.2-7.4)	6.7%	24	(6.0-7.5)	6.2%	22	(5.5-6.9)
Tampa-St. Petersburg, FL	7.2%	17	(6.2-8.1)	7.3%	18	(6.2-8.4)	6.7%	16	(5.6-7.8)
Washington, DC-MD-VA	5.1%	47	(4.7-5.4)	5.5%	42	(5.0-6.0)	4.5%	41	(4.1-4.9)
<b>50 Largest MSAs</b>	<b>6.8%</b>		<b>(6.7-6.9)</b>	<b>7.1%</b>		<b>(7.0-7.3)</b>	<b>6.2%</b>		<b>(6.1-6.3)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A10

**Self-Employment Rate, All Employed Workers, 2000, 2005-07 and 2008-10**

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	9.5%	17	(9.3-9.7)	11.1%	9	(10.8-11.4)	10.2%	14	(9.9-10.5)
Austin, TX	9.8%	12	(9.3-10.2)	11.1%	8	(10.6-11.7)	10.3%	11	(9.8-10.8)
Baltimore, MD	7.9%	39	(7.6-8.2)	8.6%	39	(8.2-8.9)	7.8%	41	(7.5-8.2)
Birmingham, AL	8.7%	23	(8.2-9.2)	10.2%	17	(9.5-10.8)	9.0%	24	(8.4-9.6)
Boston, MA-NH	9.0%	20	(8.8-9.2)	9.5%	25	(9.3-9.8)	9.3%	22	(9.0-9.6)
Buffalo, NY	6.9%	48	(6.5-7.3)	7.0%	50	(6.5-7.6)	7.0%	48	(6.5-7.5)
Charlotte, NC-SC	8.6%	25	(8.3-9.0)	9.5%	26	(9.0-9.9)	9.6%	19	(9.1-10.0)
Chicago, IL-IN	8.0%	35	(7.9-8.2)	8.7%	36	(8.5-8.9)	8.4%	32	(8.2-8.6)
Cincinnati OH-KY-IN	7.7%	45	(7.4-8.0)	8.3%	43	(7.9-8.7)	7.6%	46	(7.2-8.0)
Cleveland, OH	7.9%	40	(7.6-8.2)	8.7%	37	(8.3-9.1)	8.1%	37	(7.7-8.5)
Columbus, OH	7.7%	43	(7.4-8.1)	8.6%	40	(8.1-9.0)	7.7%	42	(7.3-8.1)
Dallas-Fort Worth, TX	8.9%	21	(8.6-9.1)	9.4%	27	(9.2-9.7)	8.9%	25	(8.7-9.2)
Denver-Boulder, CO	10.6%	6	(10.3-10.9)	11.8%	5	(11.4-12.3)	11.3%	5	(10.9-11.7)
Detroit, MI	7.7%	44	(7.5-7.9)	8.9%	34	(8.6-9.2)	8.3%	35	(8.0-8.6)
Hartford, CT	8.4%	32	(7.9-8.8)	9.4%	28	(8.8-9.9)	8.6%	30	(8.0-9.1)
Houston, TX	9.1%	19	(8.8-9.3)	9.6%	23	(9.4-9.9)	9.8%	18	(9.5-10.0)
Indianapolis, IN	7.9%	37	(7.6-8.3)	8.7%	38	(8.2-9.1)	8.2%	36	(7.8-8.6)
Jacksonville, FL	8.7%	24	(8.2-9.1)	9.7%	22	(9.1-10.2)	9.2%	23	(8.7-9.8)
Kansas City, MO-KS	8.5%	28	(8.2-8.9)	8.8%	35	(8.4-9.2)	8.6%	28	(8.2-9.1)
Las Vegas, NV	6.7%	50	(6.3-7.0)	7.8%	48	(7.4-8.3)	7.5%	47	(7.1-7.9)
Los Angeles-Orange County, CA	11.7%	2	(11.5-11.8)	13.0%	2	(12.8-13.2)	12.8%	2	(12.6-13.0)
Louisville, KY-IN	8.5%	31	(8.0-8.9)	9.1%	31	(8.5-9.6)	7.9%	40	(7.3-8.4)
Memphis, TN-MS-AR	7.5%	46	(7.1-7.9)	8.2%	46	(7.7-8.8)	7.7%	43	(7.2-8.2)
Miami-Ft. Lauderdale, FL	12.0%	1	(11.8-12.3)	14.5%	1	(14.2-14.8)	14.3%	1	(14.0-14.6)
Milwaukee, WI	6.7%	49	(6.4-7.1)	8.3%	45	(7.8-8.7)	7.0%	49	(6.5-7.4)
Minneapolis-St. Paul, MN	8.6%	26	(8.3-8.8)	9.6%	24	(9.3-9.9)	8.8%	26	(8.5-9.1)
Nashville, TN	10.0%	9	(9.6-10.5)	10.9%	10	(10.4-11.5)	10.3%	12	(9.8-10.8)
New Orleans, LA	9.7%	13	(9.2-10.1)	10.9%	11	(10.3-11.6)	10.5%	8	(9.9-11.1)
New York-Northern NJ-Long Island, NY-NJ	9.5%	16	(9.4-9.6)	10.5%	14	(10.3-10.6)	9.8%	17	(9.7-10.0)
Norfolk-Virginia-Beach-Newport News, VA	6.9%	47	(6.6-7.3)	7.1%	49	(6.7-7.5)	6.6%	50	(6.2-7.0)
Oklahoma City, OK	10.3%	8	(9.8-10.7)	10.8%	13	(10.2-11.4)	10.8%	7	(10.2-11.4)
Orlando, FL	9.4%	18	(9.0-9.8)	10.8%	12	(10.4-11.3)	9.8%	16	(9.4-10.3)
Philadelphia, PA-NJ-DE	8.0%	36	(7.8-8.2)	8.4%	42	(8.2-8.7)	8.1%	38	(7.8-8.3)
Phoenix, AZ	9.5%	15	(9.2-9.8)	9.9%	19	(9.5-10.2)	9.5%	20	(9.2-9.8)
Pittsburgh, PA	7.8%	42	(7.5-8.1)	8.5%	41	(8.1-8.9)	7.6%	45	(7.2-8.0)
Portland, OR-WA	11.0%	4	(10.6-11.3)	12.1%	4	(11.6-12.6)	11.6%	4	(11.1-12.0)
Providence, RI-MA	8.3%	33	(8.0-8.7)	9.2%	30	(8.7-9.7)	8.6%	29	(8.1-9.1)
Raleigh-Durham, NC	8.8%	22	(8.4-9.2)	9.8%	21	(9.2-10.3)	8.8%	27	(8.3-9.2)
Richmond, VA	7.9%	38	(7.5-8.3)	8.3%	44	(7.7-8.9)	7.6%	44	(7.1-8.2)
Riverside-San Bernardino, CA	9.8%	11	(9.5-10.1)	10.3%	16	(10.0-10.6)	10.2%	13	(9.8-10.5)
Sacramento, CA	9.8%	10	(9.4-10.1)	10.3%	15	(9.9-10.8)	10.4%	9	(10.0-10.9)
St. Louis, MO-IL	7.8%	41	(7.6-8.1)	8.1%	47	(7.8-8.5)	7.9%	39	(7.6-8.3)
Salt Lake City, UT	8.6%	27	(8.2-9.0)	8.9%	33	(8.4-9.4)	8.3%	34	(7.8-8.8)
San Antonio, TX	8.5%	30	(8.1-8.9)	9.3%	29	(8.8-9.7)	8.5%	31	(8.1-9.0)
San Diego, CA	10.7%	5	(10.4-11.0)	11.8%	6	(11.4-12.2)	11.0%	6	(10.6-11.4)
San Francisco-Oakland, CA	11.3%	3	(11.1-11.6)	12.7%	3	(12.4-13.1)	12.1%	3	(11.8-12.4)
San Jose, CA	8.5%	29	(8.2-8.9)	9.8%	20	(9.3-10.3)	9.4%	21	(8.9-9.9)
Seattle, WA	9.5%	14	(9.3-9.8)	10.1%	18	(9.7-10.4)	10.0%	15	(9.6-10.3)
Tampa-St. Petersburg, FL	10.3%	7	(10.0-10.6)	11.4%	7	(11.0-11.8)	10.3%	10	(9.9-10.7)
Washington, DC-MD-VA	8.0%	34	(7.8-8.2)	8.9%	32	(8.7-9.2)	8.4%	33	(8.1-8.6)
<b>50 Largest MSAs</b>	<b>9.2%</b>		<b>(9.1-9.2)</b>	<b>10.1%</b>		<b>(10.1-10.2)</b>	<b>9.6%</b>		<b>(9.6-9.7)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A11

**Occupational Underemployment Rate, Young College Educated Workers, 2000, 2005-07 and 2008-10**

Share of college-educated workers age 25-39 in occupations requiring less than a bachelor's degree

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	33.2%	13	(32.2-34.1)	35.8%	7	(34.6-37.0)	33.2%	19	(32.0-34.3)
Austin, TX	28.5%	41	(26.9-30.0)	31.1%	31	(29.2-33.0)	30.8%	31	(29.1-32.6)
Baltimore, MD	27.2%	46	(25.9-28.5)	28.5%	46	(26.9-30.1)	28.2%	48	(26.6-29.7)
Birmingham, AL	29.2%	37	(26.9-31.4)	33.3%	22	(30.2-36.4)	33.5%	16	(30.6-36.3)
Boston, MA-NH	27.7%	44	(26.9-28.5)	28.0%	47	(26.9-29.1)	28.5%	46	(27.5-29.6)
Buffalo, NY	32.6%	18	(30.3-34.8)	29.6%	43	(26.7-32.5)	33.0%	20	(30.2-35.8)
Charlotte, NC-SC	34.8%	7	(33.1-36.4)	35.8%	6	(33.8-37.8)	32.3%	25	(30.4-34.1)
Chicago, IL-IN	29.6%	36	(28.9-30.2)	32.0%	26	(31.1-32.9)	31.3%	29	(30.5-32.2)
Cincinnati OH-KY-IN	26.9%	48	(25.4-28.4)	30.4%	36	(28.3-32.4)	29.2%	43	(27.3-31.2)
Cleveland, OH	30.3%	31	(28.8-31.9)	29.4%	44	(27.3-31.5)	29.7%	41	(27.6-31.8)
Columbus, OH	31.8%	26	(30.2-33.4)	31.4%	30	(29.4-33.3)	30.7%	35	(28.8-32.6)
Dallas-Fort Worth, TX	29.6%	35	(28.7-30.5)	32.6%	23	(31.4-33.8)	31.0%	30	(29.9-32.1)
Denver-Boulder, CO	33.7%	9	(32.5-34.9)	34.9%	11	(33.4-36.5)	33.2%	18	(31.7-34.6)
Detroit, MI	28.7%	40	(27.6-29.7)	29.7%	42	(28.3-31.1)	32.1%	26	(30.6-33.6)
Hartford, CT	29.7%	33	(27.7-31.6)	28.7%	45	(26.2-31.2)	30.4%	37	(27.9-32.9)
Houston, TX	27.0%	47	(26.0-28.1)	29.9%	40	(28.6-31.2)	28.5%	45	(27.3-29.7)
Indianapolis, IN	32.3%	22	(30.6-33.9)	30.2%	37	(28.1-32.3)	34.1%	11	(32.1-36.2)
Jacksonville, FL	33.6%	10	(31.1-36.1)	34.4%	14	(31.5-37.4)	34.5%	9	(31.6-37.4)
Kansas City, MO-KS	30.6%	30	(29.0-32.2)	33.7%	17	(31.6-35.7)	32.9%	21	(30.9-34.8)
Las Vegas, NV	40.5%	1	(37.9-43.0)	47.0%	1	(44.1-49.8)	45.0%	1	(42.4-47.6)
Los Angeles-Orange County, CA	32.7%	15	(32.0-33.4)	34.1%	15	(33.2-34.9)	33.3%	17	(32.5-34.1)
Louisville, KY-IN	32.0%	24	(29.7-34.3)	33.5%	21	(30.5-36.4)	34.8%	7	(32.1-37.6)
Memphis, TN-MS-AR	33.4%	12	(31.1-35.6)	33.5%	20	(30.5-36.5)	34.1%	13	(31.3-37.0)
Miami-Ft. Lauderdale, FL	35.2%	4	(34.1-36.4)	39.8%	2	(38.4-41.3)	38.9%	2	(37.5-40.3)
Milwaukee, WI	28.7%	39	(27.0-30.5)	30.0%	39	(27.8-32.3)	30.1%	39	(27.8-32.3)
Minneapolis-St. Paul, MN	31.7%	27	(30.6-32.7)	31.6%	29	(30.1-33.0)	30.3%	38	(29.0-31.6)
Nashville, TN	32.6%	16	(30.7-34.5)	37.7%	4	(35.2-40.1)	32.8%	22	(30.6-35.0)
New Orleans, LA	32.3%	21	(30.2-34.5)	32.3%	24	(29.1-35.5)	33.8%	14	(30.9-36.7)
New York-Northern NJ-Long Island, NY-NJ	29.9%	32	(29.4-30.4)	31.0%	33	(30.4-31.6)	30.7%	34	(30.2-31.3)
Norfolk-Virginia-Beach-Newport News, VA	31.9%	25	(29.9-33.9)	32.3%	25	(29.8-34.9)	34.2%	10	(31.6-36.8)
Oklahoma City, OK	35.0%	5	(32.6-37.5)	35.2%	8	(32.3-38.1)	36.5%	4	(33.7-39.3)
Orlando, FL	36.4%	2	(34.6-38.2)	39.8%	3	(37.6-42.1)	36.0%	5	(33.9-38.2)
Philadelphia, PA-NJ-DE	27.4%	45	(26.5-28.3)	27.1%	48	(26.0-28.2)	28.5%	47	(27.4-29.6)
Phoenix, AZ	33.1%	14	(31.8-34.5)	35.0%	9	(33.4-36.6)	31.6%	27	(30.0-33.1)
Pittsburgh, PA	31.2%	28	(29.8-32.7)	29.8%	41	(27.9-31.7)	29.9%	40	(28.1-31.8)
Portland, OR-WA	34.8%	6	(33.2-36.4)	35.0%	10	(33.0-36.9)	34.8%	8	(32.9-36.6)
Providence, RI-MA	33.8%	8	(31.8-35.9)	34.1%	16	(31.5-36.6)	32.7%	23	(30.1-35.2)
Raleigh-Durham, NC	28.4%	43	(26.9-29.9)	30.2%	38	(28.3-32.1)	28.7%	44	(26.9-30.5)
Richmond, VA	33.4%	11	(31.3-35.5)	31.0%	32	(28.3-33.7)	30.4%	36	(27.9-33.0)
Riverside-San Bernardino, CA	32.0%	23	(30.1-33.9)	36.9%	5	(34.9-39.0)	38.1%	3	(36.1-40.2)
Sacramento, CA	31.2%	29	(29.4-33.0)	33.7%	18	(31.6-35.7)	34.1%	12	(32.0-36.3)
St. Louis, MO-IL	28.4%	42	(27.0-29.7)	31.7%	27	(29.9-33.5)	30.8%	32	(29.1-32.5)
Salt Lake City, UT	35.3%	3	(33.1-37.4)	34.5%	13	(31.9-37.1)	32.5%	24	(30.1-34.8)
San Antonio, TX	29.6%	34	(27.6-31.6)	33.6%	19	(31.0-36.2)	31.6%	28	(29.3-33.9)
San Diego, CA	32.5%	20	(31.1-33.8)	31.7%	28	(30.1-33.3)	33.7%	15	(32.1-35.3)
San Francisco-Oakland, CA	28.9%	38	(28.1-29.8)	30.7%	34	(29.6-31.9)	29.5%	42	(28.4-30.6)
San Jose, CA	19.4%	50	(18.3-20.5)	20.9%	50	(19.3-22.4)	20.6%	50	(19.1-22.1)
Seattle, WA	32.5%	19	(31.3-33.6)	30.5%	35	(29.1-32.0)	30.8%	33	(29.4-32.1)
Tampa-St. Petersburg, FL	32.6%	17	(30.9-34.3)	34.7%	12	(32.7-36.8)	35.2%	6	(33.2-37.2)
Washington, DC-MD-VA	25.3%	49	(24.5-26.0)	25.9%	49	(25.0-26.9)	25.7%	49	(24.8-26.6)
<b>50 Largest MSAs</b>	<b>30.3%</b>		<b>(30.1-30.5)</b>	<b>31.8%</b>		<b>(31.6-32.0)</b>	<b>31.3%</b>		<b>(31.1-31.5)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A12

**Occupational Underemployment Rate, All College Educated Workers, 2000, 2005-07 and 2008-10**

Share of college-educated workers in occupations requiring less than a bachelor's degree

Metro Area	2000			2005-07			2008-10		
	%	Rank	90% CI	%	Rank	90% CI	%	Rank	90% CI
Atlanta, GA	32.8%	13	(32.1-33.4)	35.3%	6	(34.5-36.1)	33.2%	18	(32.5-33.9)
Austin, TX	29.0%	39	(27.9-30.0)	31.0%	37	(29.8-32.3)	30.6%	41	(29.4-31.8)
Baltimore, MD	27.6%	45	(26.8-28.4)	28.4%	47	(27.4-29.4)	28.5%	48	(27.6-29.4)
Birmingham, AL	30.5%	31	(29.1-32.0)	32.9%	21	(31.0-34.8)	35.1%	5	(33.3-36.9)
Boston, MA-NH	27.2%	48	(26.6-27.7)	28.9%	46	(28.2-29.6)	29.5%	45	(28.9-30.2)
Buffalo, NY	31.1%	26	(29.8-32.5)	32.1%	29	(30.4-33.9)	32.8%	20	(31.1-34.5)
Charlotte, NC-SC	33.3%	7	(32.2-34.5)	34.9%	9	(33.6-36.2)	33.7%	12	(32.4-34.9)
Chicago, IL-IN	30.2%	33	(29.8-30.7)	32.8%	23	(32.2-33.3)	32.7%	22	(32.1-33.2)
Cincinnati OH-KY-IN	27.3%	47	(26.3-28.3)	30.6%	40	(29.3-31.8)	30.6%	43	(29.3-31.8)
Cleveland, OH	29.5%	36	(28.5-30.5)	30.7%	39	(29.4-31.9)	30.6%	42	(29.3-31.8)
Columbus, OH	31.3%	21	(30.2-32.4)	31.5%	35	(30.2-32.7)	32.3%	28	(31.1-33.5)
Dallas-Fort Worth, TX	30.7%	30	(30.1-31.3)	32.0%	30	(31.3-32.8)	32.0%	31	(31.3-32.7)
Denver-Boulder, CO	32.9%	11	(32.1-33.7)	34.6%	10	(33.7-35.6)	33.7%	11	(32.8-34.7)
Detroit, MI	28.4%	43	(27.7-29.1)	29.7%	45	(28.8-30.5)	31.2%	36	(30.3-32.0)
Hartford, CT	28.5%	42	(27.4-29.7)	30.3%	41	(28.8-31.8)	31.1%	38	(29.6-32.5)
Houston, TX	27.8%	44	(27.1-28.5)	29.9%	44	(29.1-30.7)	28.8%	47	(28.1-29.6)
Indianapolis, IN	31.0%	27	(29.9-32.1)	31.9%	33	(30.5-33.2)	32.4%	26	(31.1-33.7)
Jacksonville, FL	33.5%	6	(32.0-35.1)	34.9%	8	(33.1-36.7)	35.0%	6	(33.2-36.7)
Kansas City, MO-KS	31.4%	20	(30.4-32.4)	34.1%	14	(32.8-35.4)	34.2%	9	(32.9-35.4)
Las Vegas, NV	41.5%	1	(39.8-43.2)	47.4%	1	(45.6-49.2)	44.9%	1	(43.3-46.6)
Los Angeles-Orange County, CA	32.3%	16	(31.9-32.8)	34.4%	12	(33.8-34.9)	34.1%	10	(33.6-34.6)
Louisville, KY-IN	31.2%	24	(29.7-32.6)	33.2%	19	(31.4-35.1)	33.6%	13	(31.9-35.4)
Memphis, TN-MS-AR	32.1%	17	(30.6-33.5)	33.8%	16	(32.0-35.6)	33.5%	15	(31.8-35.3)
Miami-Ft. Lauderdale, FL	35.5%	3	(34.8-36.2)	40.6%	2	(39.8-41.5)	40.1%	2	(39.2-40.9)
Milwaukee, WI	29.0%	38	(27.9-30.2)	30.1%	42	(28.8-31.5)	31.4%	34	(30.0-32.8)
Minneapolis-St. Paul, MN	30.9%	29	(30.1-31.6)	32.4%	25	(31.5-33.3)	31.4%	33	(30.6-32.3)
Nashville, TN	32.5%	15	(31.2-33.7)	36.5%	5	(35.0-38.0)	33.3%	16	(31.9-34.7)
New Orleans, LA	31.2%	22	(29.9-32.6)	33.3%	18	(31.4-35.2)	32.6%	23	(30.9-34.4)
New York-Northern NJ-Long Island, NY-NJ	29.9%	35	(29.6-30.2)	32.2%	28	(31.9-32.6)	32.2%	29	(31.9-32.6)
Norfolk-Virginia-Beach-Newport News, VA	30.9%	28	(29.6-32.2)	31.9%	32	(30.4-33.5)	33.2%	17	(31.8-34.7)
Oklahoma City, OK	34.2%	4	(32.7-35.7)	34.5%	11	(32.7-36.2)	34.3%	8	(32.6-36.0)
Orlando, FL	36.4%	2	(35.2-37.6)	39.1%	3	(37.7-40.4)	38.3%	3	(36.9-39.6)
Philadelphia, PA-NJ-DE	27.6%	46	(27.0-28.1)	28.3%	48	(27.6-29.0)	29.3%	46	(28.7-30.0)
Phoenix, AZ	33.2%	8	(32.4-34.1)	34.0%	15	(33.0-35.0)	32.6%	24	(31.7-33.6)
Pittsburgh, PA	30.0%	34	(29.1-31.0)	30.7%	38	(29.6-31.8)	31.1%	37	(30.0-32.2)
Portland, OR-WA	34.0%	5	(33.0-35.0)	34.1%	13	(32.9-35.3)	33.6%	14	(32.5-34.8)
Providence, RI-MA	32.0%	18	(30.8-33.3)	32.8%	22	(31.3-34.3)	32.5%	25	(31.1-34.0)
Raleigh-Durham, NC	28.9%	40	(27.9-30.0)	30.1%	43	(28.8-31.3)	30.0%	44	(28.8-31.1)
Richmond, VA	31.9%	19	(30.6-33.3)	32.3%	27	(30.6-33.9)	31.6%	32	(30.0-33.2)
Riverside-San Bernardino, CA	31.1%	25	(30.0-32.3)	36.6%	4	(35.3-37.9)	36.1%	4	(34.9-37.3)
Sacramento, CA	31.2%	23	(30.1-32.3)	33.2%	20	(31.9-34.5)	33.0%	19	(31.7-34.3)
St. Louis, MO-IL	28.6%	41	(27.7-29.4)	32.3%	26	(31.2-33.4)	31.2%	35	(30.2-32.3)
Salt Lake City, UT	33.0%	10	(31.6-34.3)	33.6%	17	(32.0-35.2)	32.4%	27	(30.8-33.9)
San Antonio, TX	29.1%	37	(27.8-30.4)	31.9%	31	(30.4-33.5)	30.7%	40	(29.3-32.1)
San Diego, CA	32.8%	12	(31.9-33.7)	32.4%	24	(31.4-33.4)	32.7%	21	(31.7-33.7)
San Francisco-Oakland, CA	30.3%	32	(29.8-30.9)	31.7%	34	(31.0-32.4)	30.9%	39	(30.2-31.6)
San Jose, CA	22.6%	50	(21.8-23.5)	24.4%	50	(23.4-25.5)	22.6%	50	(21.7-23.6)
Seattle, WA	32.5%	14	(31.8-33.2)	31.4%	36	(30.5-32.2)	32.0%	30	(31.2-32.9)
Tampa-St. Petersburg, FL	33.1%	9	(32.0-34.2)	35.3%	7	(34.1-36.5)	34.7%	7	(33.5-35.9)
Washington, DC-MD-VA	25.2%	49	(24.7-25.7)	26.1%	49	(25.5-26.7)	26.6%	49	(26.1-27.2)
<b>50 Largest MSAs</b>	<b>30.3%</b>		<b>(30.2-30.4)</b>	<b>32.2%</b>		<b>(32.1-32.4)</b>	<b>32.0%</b>		<b>(31.9-32.2)</b>

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A13

**Median Annual Earnings (in 2010 \$), Young College Educated Workers, 1999, 2005-07 and 2008-10**

Metro Area	1999		2005-07		2008-10	
	%	Rank	%	Rank	%	Rank
Atlanta, GA	\$52,330	11	\$48,702	19	\$49,600	18
Austin, TX	\$47,674	29	\$46,985	28	\$45,599	30
Baltimore, MD	\$51,034	14	\$52,589	9	\$51,752	7
Birmingham, AL	\$47,066	33	\$44,714	34	\$43,299	37
Boston, MA-NH	\$54,455	6	\$53,972	6	\$52,047	6
Buffalo, NY	\$43,253	47	\$43,261	45	\$41,861	46
Charlotte, NC-SC	\$48,450	24	\$46,876	29	\$45,815	26
Chicago, IL-IN	\$54,322	7	\$52,603	8	\$50,694	10
Cincinnati OH-KY-IN	\$51,010	15	\$48,393	21	\$47,013	23
Cleveland, OH	\$48,441	25	\$47,338	26	\$46,583	25
Columbus, OH	\$48,380	26	\$47,555	24	\$45,786	27
Dallas-Fort Worth, TX	\$52,378	9	\$49,540	16	\$50,088	13
Denver-Boulder, CO	\$49,025	23	\$47,368	25	\$48,794	20
Detroit, MI	\$57,658	3	\$54,102	5	\$50,028	15
Hartford, CT	\$53,947	8	\$53,529	7	\$54,442	5
Houston, TX	\$52,315	12	\$49,122	17	\$50,039	14
Indianapolis, IN	\$49,793	18	\$48,618	20	\$43,955	35
Jacksonville, FL	\$45,825	38	\$44,847	33	\$42,799	41
Kansas City, MO-KS	\$48,083	27	\$44,714	35	\$45,730	28
Las Vegas, NV	\$47,120	32	\$46,852	30	\$44,981	32
Los Angeles-Orange County, CA	\$52,256	13	\$52,053	12	\$50,615	12
Louisville, KY-IN	\$44,685	45	\$44,243	40	\$42,023	44
Memphis, TN-MS-AR	\$45,870	37	\$44,568	38	\$43,008	40
Miami-Ft. Lauderdale, FL	\$47,005	34	\$44,148	41	\$41,906	45
Milwaukee, WI	\$47,877	28	\$48,392	22	\$45,680	29
Minneapolis-St. Paul, MN	\$49,831	17	\$49,032	18	\$49,111	19
Nashville, TN	\$44,536	46	\$42,282	46	\$40,659	49
New Orleans, LA	\$43,158	49	\$41,965	48	\$43,035	39
New York-Northern NJ-Long Island, NY-NJ	\$57,494	5	\$55,871	4	\$55,899	4
Norfolk-Virginia-Beach-Newport News, VA	\$43,225	48	\$43,293	43	\$43,082	38
Oklahoma City, OK	\$39,273	50	\$37,871	50	\$39,002	50
Orlando, FL	\$45,700	42	\$42,084	47	\$40,663	48
Philadelphia, PA-NJ-DE	\$52,367	10	\$52,007	13	\$50,721	9
Phoenix, AZ	\$49,126	22	\$47,605	23	\$46,712	24
Pittsburgh, PA	\$45,879	36	\$43,268	44	\$43,515	36
Portland, OR-WA	\$45,806	39	\$44,695	37	\$42,659	42
Providence, RI-MA	\$46,014	35	\$47,322	27	\$48,151	21
Raleigh-Durham, NC	\$47,245	30	\$44,713	36	\$45,005	31
Richmond, VA	\$45,774	40	\$45,467	32	\$47,579	22
Riverside-San Bernardino, CA	\$49,545	21	\$50,292	14	\$49,891	17
Sacramento, CA	\$49,836	16	\$50,210	15	\$49,966	16
St. Louis, MO-IL	\$47,201	31	\$45,537	31	\$44,441	34
Salt Lake City, UT	\$45,336	43	\$40,219	49	\$40,673	47
San Antonio, TX	\$45,118	44	\$43,997	42	\$44,970	33
San Diego, CA	\$49,657	19	\$52,523	10	\$50,636	11
San Francisco-Oakland, CA	\$60,150	2	\$61,026	2	\$60,453	3
San Jose, CA	\$75,352	1	\$76,811	1	\$73,103	1
Seattle, WA	\$49,644	20	\$52,324	11	\$50,820	8
Tampa-St. Petersburg, FL	\$45,727	41	\$44,364	39	\$42,625	43
Washington, DC-MD-VA	\$57,541	4	\$60,236	3	\$60,938	2
<b>50 Largest MSAs</b>	<b>\$52,350</b>		<b>\$50,502</b>		<b>\$50,485</b>	

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.

Table A14

**Median Annual Earnings (in 2010 \$), All College Educated Workers, 1999, 2005-07 and 2008-10**

Metro Area	1999		2005-07		2008-10	
	%	Rank	%	Rank	%	Rank
Atlanta, GA	\$56,199	15	\$54,084	18	\$52,667	19
Austin, TX	\$51,127	34	\$50,262	31	\$49,961	32
Baltimore, MD	\$56,314	14	\$58,157	6	\$59,982	6
Birmingham, AL	\$51,183	33	\$50,213	33	\$48,667	36
Boston, MA-NH	\$58,809	7	\$57,874	8	\$57,773	7
Buffalo, NY	\$49,649	43	\$45,803	48	\$45,768	45
Charlotte, NC-SC	\$52,238	30	\$50,200	34	\$49,874	34
Chicago, IL-IN	\$57,621	8	\$55,195	16	\$53,817	17
Cincinnati OH-KY-IN	\$53,726	17	\$52,599	21	\$50,812	22
Cleveland, OH	\$52,373	23	\$51,394	28	\$50,005	26
Columbus, OH	\$52,319	26	\$52,532	24	\$49,991	29
Dallas-Fort Worth, TX	\$57,209	12	\$54,092	17	\$54,538	15
Denver-Boulder, CO	\$52,398	21	\$52,599	20	\$50,821	21
Detroit, MI	\$64,058	4	\$59,667	4	\$55,638	14
Hartford, CT	\$60,300	6	\$57,944	7	\$60,086	4
Houston, TX	\$57,613	9	\$55,830	14	\$55,838	11
Indianapolis, IN	\$52,487	18	\$52,570	23	\$50,000	28
Jacksonville, FL	\$49,118	44	\$48,826	37	\$45,998	43
Kansas City, MO-KS	\$52,333	25	\$49,133	36	\$50,003	27
Las Vegas, NV	\$49,994	40	\$48,800	38	\$47,680	41
Los Angeles-Orange County, CA	\$56,349	13	\$55,869	13	\$55,703	13
Louisville, KY-IN	\$49,677	42	\$47,373	43	\$45,779	44
Memphis, TN-MS-AR	\$50,751	38	\$49,765	35	\$48,655	37
Miami-Ft. Lauderdale, FL	\$50,658	39	\$46,624	46	\$45,020	48
Milwaukee, WI	\$52,375	22	\$51,483	26	\$50,006	25
Minneapolis-St. Paul, MN	\$52,458	20	\$53,822	19	\$52,822	18
Nashville, TN	\$48,968	46	\$47,345	44	\$45,576	47
New Orleans, LA	\$47,125	49	\$46,295	47	\$48,010	40
New York-Northern NJ-Long Island, NY-NJ	\$61,436	5	\$59,519	5	\$60,000	5
Norfolk-Virginia-Beach-Newport News, VA	\$47,178	48	\$48,701	39	\$49,983	30
Oklahoma City, OK	\$42,389	50	\$42,228	50	\$42,780	50
Orlando, FL	\$47,946	47	\$45,467	49	\$43,705	49
Philadelphia, PA-NJ-DE	\$57,584	10	\$55,926	9	\$55,907	8
Phoenix, AZ	\$52,317	28	\$52,593	22	\$50,680	24
Pittsburgh, PA	\$51,419	32	\$47,659	42	\$47,586	42
Portland, OR-WA	\$50,929	37	\$50,245	32	\$48,652	38
Providence, RI-MA	\$52,319	27	\$52,524	25	\$50,907	20
Raleigh-Durham, NC	\$51,883	31	\$50,819	29	\$49,912	33
Richmond, VA	\$50,941	36	\$51,396	27	\$50,783	23
Riverside-San Bernardino, CA	\$54,882	16	\$55,761	15	\$53,983	16
Sacramento, CA	\$57,333	11	\$55,918	10	\$55,874	9
St. Louis, MO-IL	\$52,312	29	\$50,648	30	\$49,970	31
Salt Lake City, UT	\$51,017	35	\$46,925	45	\$48,281	39
San Antonio, TX	\$49,848	41	\$48,270	41	\$49,573	35
San Diego, CA	\$52,466	19	\$55,871	12	\$55,854	10
San Francisco-Oakland, CA	\$65,246	3	\$64,921	3	\$64,004	3
San Jose, CA	\$78,232	1	\$78,393	1	\$79,613	1
Seattle, WA	\$52,370	24	\$55,875	11	\$55,824	12
Tampa-St. Petersburg, FL	\$48,987	45	\$48,607	40	\$45,743	46
Washington, DC-MD-VA	\$65,357	2	\$68,385	2	\$69,971	2
<b>50 Largest MSAs</b>	<b>\$55,613</b>		<b>\$54,711</b>		<b>\$53,994</b>	

Source: Authors' analysis of Census Bureau PUMS files for Census 2000, ACS 2005-07 and 2008-10, accessed via IPUMS.