



Improving the Washington Region’s Global Competitiveness

Appendix B: Benchmark Indicators for Top 20 Metro Areas

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Benchmark 1: Government Share of Employment and Gross Regional Product (GRP), 2013

Metro Area	% of Total Employment			% of GRP		
	Gov Share	Private Share	Rank	Gov Share	Private Share	Rank
Atlanta-Sandy Springs-Marietta, GA	13.2%	86.8%	11	8.9%	91.1%	10
Baltimore-Towson, MD	17.2%	82.8%	17	17.6%	82.4%	18
Boston-Cambridge-Quincy, MA-NH	11.8%	88.2%	2	8.2%	91.8%	4
Chicago-Naperville-Joliet, IL-IN-WI	12.4%	87.6%	5	8.6%	91.4%	9
Dallas-Fort Worth-Arlington, TX	12.7%	87.3%	7	7.4%	92.6%	2
Denver-Aurora-Broomfield, CO	14.2%	85.8%	14	9.3%	90.7%	12
Detroit-Warren-Livonia, MI	10.1%	89.9%	1	8.2%	91.8%	6
Houston-Baytown-Sugar Land, TX	13.2%	86.8%	12	6.4%	93.6%	1
Los Angeles-Long Beach-Santa Ana, CA	12.5%	87.5%	6	8.2%	91.8%	5
Miami-Fort Lauderdale-Miami Beach, FL	12.8%	87.2%	9	10.2%	89.8%	15
Minneapolis-St. Paul-Bloomington, MN-WI	13.1%	86.9%	10	8.5%	91.5%	8
New York-Northern New Jersey-Long Island, NY-NJ-PA	14.2%	85.8%	15	8.9%	91.1%	11
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	12.3%	87.7%	4	8.4%	91.6%	7
Phoenix-Mesa-Scottsdale, AZ	12.8%	87.2%	8	9.4%	90.6%	13
Riverside-San Bernardino-Ontario, CA	18.3%	81.7%	19	17.6%	82.4%	17
San Diego-Carlsbad-San Marcos, CA	17.5%	82.5%	18	17.8%	82.2%	19
San Francisco-Oakland-Fremont, CA	14.2%	85.8%	13	8.1%	91.9%	3
Seattle-Tacoma-Bellevue, WA	14.6%	85.4%	16	11.2%	88.8%	16
St. Louis, MO-IL	12.3%	87.7%	3	10.0%	90.0%	14
Washington-Arlington-Alexandria, DC-VA-MD-WV	22.3%	77.7%	20	21.6%	78.4%	20

Source: Bureau of Labor Statistics

Benchmark 2: Percent Population Change over Time

Metro Area	1950-1980		1980-2010		2010-2013	
	% Change	Rank	% Change	Rank	% Change	Rank
Atlanta-Sandy Springs-Marietta, GA	202.1%	7	159.6%	4	4.5%	9
Baltimore-Towson, MD	62.6%	13	24.7%	17	2.0%	16
Boston-Cambridge-Quincy, MA-NH	19.5%	19	24.3%	18	2.6%	14
Chicago-Naperville-Joliet, IL-IN-WI	29.3%	17	33.2%	15	0.7%	18
Dallas-Fort Worth-Arlington, TX	383.9%	2	114.2%	5	6.5%	1
Denver-Aurora-Broomfield, CO	187.5%	8	56.9%	12	5.6%	4
Detroit-Warren-Livonia, MI	44.3%	15	-1.3%	20	0.1%	19
Houston-Baytown-Sugar Land, TX	260.0%	4	104.8%	8	5.7%	3
Los Angeles-Long Beach-Santa Ana, CA	71.2%	12	71.6%	10	2.2%	15
Miami-Fort Lauderdale-Miami Beach, FL	228.3%	6	242.3%	1	4.4%	10
Minneapolis-St. Paul-Bloomington, MN-WI	89.3%	11	55.2%	13	5.3%	6
New York-Northern New Jersey-Long Island, NY-NJ-PA	-29.4%	20	107.2%	7	5.4%	5
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	28.5%	18	26.5%	16	1.1%	17
Phoenix-Mesa-Scottsdale, AZ	354.9%	3	177.8%	2	4.5%	8
Riverside-San Bernardino-Ontario, CA	453.3%	1	171.1%	3	3.2%	13
San Diego-Carlsbad-San Marcos, CA	234.4%	5	66.2%	11	3.4%	12
San Francisco-Oakland-Fremont, CA	45.1%	14	33.4%	14	4.0%	11
Seattle-Tacoma-Bellevue, WA	119.3%	9	114.0%	6	4.7%	7
St. Louis, MO-IL	40.2%	16	20.4%	19	-1.4%	20
Washington-Arlington-Alexandria, DC-VA-MD-WV	109.1%	10	82.4%	9	6.0%	2

Source: US Bureau of the Census

Benchmark 3: Center City Population as a Percent of the Region, 1950-2013

Metro Area	1950		1980		2013	
	% of Region	Rank	% of Region	Rank	% of Region	Rank
Atlanta-Sandy Springs-Marietta, GA	49.3%	14	20.9%	14	8.1%	18
Baltimore-Towson, MD	71.0%	3	36.2%	7	22.5%	9
Boston-Cambridge-Quincy, MA-NH	26.1%	19	15.4%	19	13.8%	14
Chicago-Naperville-Joliet, IL-IN-WI	65.9%	5	42.3%	5	28.5%	6
Dallas-Fort Worth-Arlington, TX	70.7%	4	30.4%	10	18.5%	11
Denver-Aurora-Broomfield, CO	73.7%	2	30.4%	11	24.1%	8
Detroit-Warren-Livonia, MI	61.3%	7	27.6%	12	16.0%	13
Houston-Baytown-Sugar Land, TX	73.9%	1	54.9%	2	34.8%	3
Los Angeles-Long Beach-Santa Ana, CA	45.1%	16	39.7%	6	29.6%	5
Miami-Fort Lauderdale-Miami Beach, FL	50.4%	13	21.3%	13	7.2%	20
Minneapolis-St. Paul-Bloomington, MN-WI	46.7%	15	17.6%	18	11.6%	15
New York-Northern New Jersey-Long Island, NY-NJ-PA	61.1%	8	77.5%	1	42.1%	2
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	56.4%	10	35.8%	8	25.7%	7
Phoenix-Mesa-Scottsdale, AZ	32.2%	18	52.3%	3	34.4%	4
Riverside-San Bernardino-Ontario, CA	12.3%	20	11.0%	20	7.2%	19
San Diego-Carlsbad-San Marcos, CA	60.1%	9	47.0%	4	42.2%	1
San Francisco-Oakland-Fremont, CA	34.6%	17	20.9%	15	18.5%	10
Seattle-Tacoma-Bellevue, WA	63.8%	6	30.7%	9	18.1%	12
St. Louis, MO-IL	51.0%	12	19.2%	17	11.4%	16
Washington-Arlington-Alexandria, DC-VA-MD-WV	54.8%	11	20.9%	16	10.9%	17

Source: US Bureau of the Census

Benchmark 4: Professional and Business Services Employment

Metro Area	PB&S Share of Total, 2013		P&BS Growth, 2010-2013	
	% of Region	Rank	% Growth	Rank
Atlanta-Sandy Springs-Marietta, GA	18.1%	4	12.8%	8
Baltimore-Towson, MD	16.2%	10	16.4%	4
Boston-Cambridge-Quincy, MA-NH	17.0%	7	9.7%	14
Chicago-Naperville-Joliet, IL-IN-WI	17.3%	6	11.9%	10
Dallas-Fort Worth-Arlington, TX	15.7%	14	13.8%	7
Denver-Aurora-Broomfield, CO	18.0%	5	13.9%	5
Detroit-Warren-Livonia, MI	19.2%	3	17.2%	3
Houston-Baytown-Sugar Land, TX	15.3%	17	18.4%	1
Los Angeles-Long Beach-Santa Ana, CA	15.4%	15	10.7%	11
Miami-Fort Lauderdale-Miami Beach, FL	15.8%	13	13.8%	6
Minneapolis-St. Paul-Bloomington, MN-WI	15.3%	16	9.0%	15
New York-Northern New Jersey-Long Island, NY-NJ-PA	15.9%	11	9.9%	13
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	15.8%	12	6.6%	18
Phoenix-Mesa-Scottsdale, AZ	16.6%	9	10.6%	12
Riverside-San Bernardino-Ontario, CA	10.8%	20	7.5%	16
San Diego-Carlsbad-San Marcos, CA	17.0%	8	7.2%	17
San Francisco-Oakland-Fremont, CA	19.8%	2	18.3%	2
Seattle-Tacoma-Bellevue, WA	13.9%	19	12.6%	9
St. Louis, MO-IL	15.0%	18	5.7%	19
Washington-Arlington-Alexandria, DC-VA-MD-WV	23.0%	1	3.9%	20

Source: US Bureau of the Census

Benchmark 5: Foreign-Born Population Profile, 2012

Metro Area	Foreign-Born Pop.			With 4-Year Degree		
	Count	Rank	% of Total	Rank	%	Rank
Atlanta-Sandy Springs-Marietta, GA	719,428	12	13.2%	14	33.0%	10
Baltimore-Towson, MD	260,357	19	9.5%	18	45.8%	1
Boston-Cambridge-Quincy, MA-NH	774,598	10	16.7%	12	36.5%	8
Chicago-Naperville-Joliet, IL-IN-WI	1,686,475	4	17.7%	9	28.6%	12
Dallas-Fort Worth-Arlington, TX	1,173,963	8	17.7%	10	23.8%	18
Denver-Aurora-Broomfield, CO	321,869	17	12.2%	15	25.1%	15
Detroit-Warren-Livonia, MI	382,737	16	8.9%	19	37.7%	6
Houston-Baytown-Sugar Land, TX	1,381,083	5	22.3%	6	24.6%	17
Los Angeles-Long Beach-Santa Ana, CA	4,430,934	2	33.9%	2	25.0%	16
Miami-Fort Lauderdale-Miami Beach, FL	2,200,098	3	38.2%	1	25.2%	14
Minneapolis-St. Paul-Bloomington, MN-WI	318,975	18	9.5%	17	36.1%	9
New York-Northern New Jersey-Long Island, NY-NJ-PA	5,608,228	1	29.3%	4	30.6%	11
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	588,416	15	9.8%	16	37.8%	5
Phoenix-Mesa-Scottsdale, AZ	620,569	13	14.3%	13	22.1%	19
Riverside-San Bernardino-Ontario, CA	943,311	9	21.7%	8	16.6%	20
San Diego-Carlsbad-San Marcos, CA	737,571	11	23.2%	5	27.5%	13
San Francisco-Oakland-Fremont, CA	1,339,476	6	30.1%	3	38.2%	4
Seattle-Tacoma-Bellevue, WA	608,326	14	17.1%	11	37.2%	7
St. Louis, MO-IL	123,631	20	4.4%	20	44.3%	2
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,289,610	7	22.2%	7	40.8%	3

Source: US Bureau of the Census

Benchmark 6: Share of Total Private Employment in Foreign-Owned Business Establishments

Metro Area	% of Jobs w/FOEs	Rank
Atlanta-Sandy Springs-Marietta, GA	6.8%	3
Baltimore-Towson, MD	4.5%	18
Boston-Cambridge-Quincy, MA-NH	6.7%	5
Chicago-Naperville-Joliet, IL-IN-WI	5.9%	7
Dallas-Fort Worth-Arlington, TX	5.2%	11
Denver-Aurora-Broomfield, CO	4.8%	13
Detroit-Warren-Livonia, MI	7.8%	2
Houston-Baytown-Sugar Land, TX	8.0%	1
Los Angeles-Long Beach-Santa Ana, CA	6.1%	6
Miami-Fort Lauderdale-Miami Beach, FL	4.7%	15
Minneapolis-St. Paul-Bloomington, MN-WI	5.0%	12
New York-Northern New Jersey-Long Island, NY-NJ-PA	6.8%	3
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	5.8%	8
Phoenix-Mesa-Scottsdale, AZ	3.7%	20
Riverside-San Bernardino-Ontario, CA	3.9%	19
San Diego-Carlsbad-San Marcos, CA	4.8%	13
San Francisco-Oakland-Fremont, CA	5.5%	9
Seattle-Tacoma-Bellevue, WA	4.6%	17
St. Louis, MO-IL	4.7%	15
Washington-Arlington-Alexandria, DC-VA-MD-WV	5.4%	10

Source: Brookings Institution analysis of D&B, BEA, and Moody's Analytics data

Benchmark 7: Exports, 2012 (Millions of 2012 \$s)

Metro Area	Durable Goods		Nondurable Goods		Non-Mfg Goods		Services	
	Amount	Rank	Amount	Rank	Amount	Rank	Amount	Rank
Atlanta-Sandy Springs-Marietta, GA	\$7,840	15	\$5,866	8	\$311	15	\$11,531	11
Baltimore-Towson, MD	\$3,832	19	\$2,450	12	\$117	20	\$5,323	18
Boston-Cambridge-Quincy, MA-NH	\$17,815	7	\$3,673	11	\$184	19	\$15,542	6
Chicago-Naperville-Joliet, IL-IN-WI	\$29,363	3	\$14,762	4	\$546	8	\$21,546	3
Dallas-Fort Worth-Arlington, TX	\$27,009	5	\$9,560	6	\$928	2	\$16,742	4
Denver-Aurora-Broomfield, CO	\$3,926	18	\$1,881	17	\$370	13	\$6,365	17
Detroit-Warren-Livonia, MI	\$28,962	4	\$2,310	14	\$226	18	\$6,500	16
Houston-Baytown-Sugar Land, TX	\$22,034	6	\$38,446	1	\$3,689	1	\$13,597	8
Los Angeles-Long Beach-Santa Ana, CA	\$38,248	1	\$17,405	2	\$810	4	\$37,409	2
Miami-Fort Lauderdale-Miami Beach, FL	\$4,191	17	\$1,459	20	\$408	12	\$10,575	12
Minneapolis-St. Paul-Bloomington, MN-WI	\$9,960	11	\$4,550	10	\$676	6	\$6,976	15
New York-Northern New Jersey-Long Island, NY-NJ-PA	\$15,744	8	\$16,817	3	\$283	16	\$55,718	1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	\$8,482	13	\$7,259	7	\$492	9	\$12,889	9
Phoenix-Mesa-Scottsdale, AZ	\$10,146	10	\$1,568	19	\$890	3	\$8,010	13
Riverside-San Bernardino-Ontario, CA	\$5,365	16	\$2,326	13	\$717	5	\$4,721	20
San Diego-Carlsbad-San Marcos, CA	\$11,450	9	\$1,699	18	\$553	7	\$7,911	14
San Francisco-Oakland-Fremont, CA	\$8,414	14	\$14,542	5	\$351	14	\$14,741	7
Seattle-Tacoma-Bellevue, WA	\$32,700	2	\$2,151	15	\$435	11	\$11,819	10
St. Louis, MO-IL	\$8,795	12	\$4,604	9	\$441	10	\$5,187	19
Washington-Arlington-Alexandria, DC-VA-MD-WV	\$3,358	20	\$2,065	16	\$248	17	\$16,117	5

Source: Brookings Institution analysis of data from Census, BEA, BLS, IRS, Moody's Analytics, and NAFSA.

Benchmark 8: Highest Educational Attainment of Adult Population (Age 25+)

Metro Area	Bachelor's Degree		Grad/Prof Degree		Bachelor's or Higher	
	% of Pop	Rank	% of Pop	Rank	% of Pop	Rank
Atlanta-Sandy Springs-Marietta, GA	22.7%	7	12.6%	12	35.3%	9
Baltimore-Towson, MD	20.5%	14	15.8%	4	36.4%	8
Boston-Cambridge-Quincy, MA-NH	23.9%	6	19.1%	2	42.9%	3
Chicago-Naperville-Joliet, IL-IN-WI	21.4%	10	13.4%	9	34.8%	10
Dallas-Fort Worth-Arlington, TX	21.0%	11	10.6%	18	31.6%	14
Denver-Aurora-Broomfield, CO	25.7%	3	14.2%	6	39.9%	4
Detroit-Warren-Livonia, MI	17.2%	19	11.1%	14	28.2%	19
Houston-Baytown-Sugar Land, TX	19.3%	15	10.3%	19	29.6%	16
Los Angeles-Long Beach-Santa Ana, CA	20.8%	12	11.0%	15	31.8%	13
Miami-Fort Lauderdale-Miami Beach, FL	18.8%	17	10.7%	16	29.4%	17
Minneapolis-St. Paul-Bloomington, MN-WI	26.3%	2	13.1%	11	39.5%	5
New York-Northern New Jersey-Long Island, NY-NJ-PA	21.8%	8	15.2%	5	37.0%	7
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	20.7%	13	13.4%	8	34.0%	12
Phoenix-Mesa-Scottsdale, AZ	18.6%	18	10.6%	17	29.2%	18
Riverside-San Bernardino-Ontario, CA	12.8%	20	6.8%	20	19.5%	20
San Diego-Carlsbad-San Marcos, CA	21.5%	9	13.3%	10	34.8%	11
San Francisco-Oakland-Fremont, CA	27.3%	1	17.7%	3	45.0%	2
Seattle-Tacoma-Bellevue, WA	24.2%	5	13.5%	7	37.7%	6
St. Louis, MO-IL	19.0%	16	11.7%	13	30.8%	15
Washington-Arlington-Alexandria, DC-VA-MD-WV	25.0%	4	23.2%	1	48.2%	1

Source: 2012 American Community Survey, 1-Year

Benchmark 9: Net Domestic In-Migration of Young Adults, 2011-2012

Metro Area	18-24 Year Olds		25-29 Year Olds	
	Net Change	Rank	Net Change	Rank
Atlanta-Sandy Springs-Marietta, GA	(64,530)	19	(25,170)	19
Baltimore-Towson, MD	(4,580)	4	(2,370)	12
Boston-Cambridge-Quincy, MA-NH	(54,060)	18	(31,220)	20
Chicago-Naperville-Joliet, IL-IN-WI	(31,170)	15	600	8
Dallas-Fort Worth-Arlington, TX	(20,670)	10	6,040	4
Denver-Aurora-Broomfield, CO	(46,780)	17	(10,390)	17
Detroit-Warren-Livonia, MI	(40,740)	16	(4,960)	14
Houston-Baytown-Sugar Land, TX	(24,450)	13	260	10
Los Angeles-Long Beach-Santa Ana, CA	(8,510)	6	1,750	7
Miami-Fort Lauderdale-Miami Beach, FL	(2,150)	3	600	8
Minneapolis-St. Paul-Bloomington, MN-WI	(22,270)	11	(7,270)	15
New York-Northern New Jersey-Long Island, NY-NJ-PA	(72,730)	20	(16,540)	18
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	(10,470)	7	(3,990)	13
Phoenix-Mesa-Scottsdale, AZ	(10,700)	8	4,760	5
Riverside-San Bernardino-Ontario, CA	(11,930)	9	1,940	6
San Diego-Carlsbad-San Marcos, CA	5,460	1	(1,500)	11
San Francisco-Oakland-Fremont, CA	(7,390)	5	7,820	1
Seattle-Tacoma-Bellevue, WA	290	2	7,270	2
St. Louis, MO-IL	(23,130)	12	(7,840)	16
Washington-Arlington-Alexandria, DC-VA-MD-WV	(27,780)	14	6,160	3

Source: US Bureau of the Census

Benchmark 10: Segregation Indices

100=completely integrated, 0=completely segregated

Metro Area	Black-White		Hispanic-White	
	Index	Rank	Index	Rank
Atlanta-Sandy Springs-Marietta, GA	59.0	7	49.5	10
Baltimore-Towson, MD	65.4	14	39.8	3
Boston-Cambridge-Quincy, MA-NH	64.0	12	59.6	18
Chicago-Naperville-Joliet, IL-IN-WI	76.4	19	56.3	16
Dallas-Fort Worth-Arlington, TX	56.6	6	50.3	13
Denver-Aurora-Broomfield, CO	62.6	11	48.8	8
Detroit-Warren-Livonia, MI	75.3	18	43.3	6
Houston-Baytown-Sugar Land, TX	61.4	8	52.5	14
Los Angeles-Long Beach-Santa Ana, CA	67.8	15	62.2	20
Miami-Fort Lauderdale-Miami Beach, FL	64.8	13	57.4	17
Minneapolis-St. Paul-Bloomington, MN-WI	52.9	5	42.5	5
New York-Northern New Jersey-Long Island, NY-NJ-PA	78.0	20	62.0	19
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	68.4	16	55.1	15
Phoenix-Mesa-Scottsdale, AZ	43.6	1	49.3	9
Riverside-San Bernardino-Ontario, CA	45.7	2	42.4	4
San Diego-Carlsbad-San Marcos, CA	51.2	4	49.6	12
San Francisco-Oakland-Fremont, CA	62.0	9	49.6	11
Seattle-Tacoma-Bellevue, WA	49.1	3	32.8	2
St. Louis, MO-IL	72.3	17	30.7	1
Washington-Arlington-Alexandria, DC-VA-MD-WV	62.3	10	48.3	7

Source: University of Michigan Population Studies Center

Benchmark 11: International Travel Profile, 2013

Metro Area	Total Overseas Visitors		Int'l Business Visitors		International Boardings*		Intermodal Connectivity Score**	
	Count	Rank	Count	Rank	Count	Rank	Score	Rank
Atlanta-Sandy Springs-Marietta, GA	57,700	11	187,000	8	4,943,627	5	2.0	10
Baltimore-Towson, MD	NA	NA	NA	NA	337,794	17	5.0	1
Boston-Cambridge-Quincy, MA-NH	128,200	7	212,000	7	1,983,379	10	3.0	3
Chicago-Naperville-Joliet, IL-IN-WI	137,800	6	385,000	5	5,476,104	4	2.7	7
Dallas-Fort Worth-Arlington, TX	44,900	13	NA	NA	3,189,902	9	1.0	17
Denver-Aurora-Broomfield, CO	NA	NA	NA	NA	963,973	16	1.0	17
Detroit-Warren-Livonia, MI	NA	NA	NA	NA	1,612,281	13	2.0	10
Houston-Baytown-Sugar Land, TX	80,100	9	296,000	6	4,347,835	7	1.0	17
Los Angeles-Long Beach-Santa Ana, CA	378,100	3	582,000	2	8,782,376	3	1.5	14
Miami-Fort Lauderdale-Miami Beach, FL	400,500	2	439,000	4	11,673,727	2	2.3	9
Minneapolis-St. Paul-Bloomington, MN-WI	NA	NA	NA	NA	1,135,079	14	3.0	3
New York-Northern New Jersey-Long Island, NY-NJ-PA	957,900	1	1,238,000	1	19,469,234	1	3.7	2
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	67,300	10	118,000	10	1,907,416	11	2.0	10
Phoenix-Mesa-Scottsdale, AZ	NA	NA	NA	NA	1,093,981	15	3.0	3
Riverside-San Bernardino-Ontario, CA	NA	NA	NA	NA	151,841	19	1.5	14
San Diego-Carlsbad-San Marcos, CA	83,300	8	123,000	9	312,407	18	1.0	17
San Francisco-Oakland-Fremont, CA	304,400	4	474,000	3	4,801,984	6	2.5	8
Seattle-Tacoma-Bellevue, WA	48,100	12	99,000	12	1,693,254	12	2.0	10
St. Louis, MO-IL	NA	NA	NA	NA	19,335	20	3.0	3
Washington-Arlington-Alexandria, DC-VA-MD-WV	169,800	5	104,000	11	3,525,626	8	1.5	14

*Boardings at all commercial airports in the region

**Score is for primary international airport

Source: U.S. Department of Commerce, ITA, National Travel and Tourism Office; Bureau of Transportation Statistics

Benchmark 12: Financial Assets, 2013

Metro Area	Community Foundations		Financial Institutions	
	Total Assets (\$M)	Rank	Total Assets (\$M)	Rank
Atlanta-Sandy Springs-Marietta, GA	\$793.3	10	\$123,584	12
Baltimore-Towson, MD	NA	NA	\$63,914	18
Boston-Cambridge-Quincy, MA-NH	\$896.2	9	\$248,873	6
Chicago-Naperville-Joliet, IL-IN-WI	\$1,804.4	4	\$327,646	4
Dallas-Fort Worth-Arlington, TX	\$982.3	8	\$187,998	9
Denver-Aurora-Broomfield, CO	\$413.8	14	\$63,881	19
Detroit-Warren-Livonia, MI	\$655.5	12	\$99,453	13
Houston-Baytown-Sugar Land, TX	\$1,545.6	5	\$208,033	7
Los Angeles-Long Beach-Santa Ana, CA	\$1,315.9	7	\$385,832	3
Miami-Fort Lauderdale-Miami Beach, FL	NA	NA	\$175,998	10
Minneapolis-St. Paul-Bloomington, MN-WI	\$1,326.3	6	\$169,947	11
New York-Northern New Jersey-Long Island, NY-NJ-PA	\$2,147.9	2	\$1,256,992	1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	\$2,019.5	3	\$481,631	2
Phoenix-Mesa-Scottsdale, AZ	NA	NA	\$66,987	16
Riverside-San Bernardino-Ontario, CA	NA	NA	\$38,097	20
San Diego-Carlsbad-San Marcos, CA	\$612.5	13	\$64,224	17
San Francisco-Oakland-Fremont, CA	\$2,517.0	1	\$289,311	5
Seattle-Tacoma-Bellevue, WA	\$690.3	11	\$77,764	15
St. Louis, MO-IL	NA	NA	\$87,103	14
Washington-Arlington-Alexandria, DC-VA-MD-WV	\$368.4	15	\$188,211	8

Source: The Foundation Center; FDIC

Benchmark 13: Violent and Property Crime Rates per 100,000 Population, 2012

Metro Area	Violent Crime Rate		Property Crime Rate	
	Rate	Rank	Rate	Rank
Atlanta-Sandy Springs-Marietta, GA	408.6	10	3,383.4	14
Baltimore-Towson, MD	621.2	16	2,984.3	11
Boston-Cambridge-Quincy, MA-NH	355.2	5	1,983.9	2
Chicago-Naperville-Joliet, IL-IN-WI	NA	NA	2,677.0	7
Dallas-Fort Worth-Arlington, TX	344.7	4	3,175.9	13
Denver-Aurora-Broomfield, CO	337.5	3	2,746.6	9
Detroit-Warren-Livonia, MI	574.4	15	2,730.0	8
Houston-Baytown-Sugar Land, TX	561.5	13	NA	NA
Los Angeles-Long Beach-Santa Ana, CA	393.0	8	2,296.9	5
Miami-Fort Lauderdale-Miami Beach, FL	565.2	14	3,929.7	15
Minneapolis-St. Paul-Bloomington, MN-WI	NA	NA	NA	NA
New York-Northern New Jersey-Long Island, NY-NJ-PA	NA	NA	1,704.5	1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	NA	NA	2,665.7	6
Phoenix-Mesa-Scottsdale, AZ	406.8	9	NA	NA
Riverside-San Bernardino-Ontario, CA	368.7	6	3,021.3	12
San Diego-Carlsbad-San Marcos, CA	373.6	7	2,196.9	3
San Francisco-Oakland-Fremont, CA	550.8	12	NA	NA
Seattle-Tacoma-Bellevue, WA	336.8	2	NA	NA
St. Louis, MO-IL	463.6	11	2,881.8	10
Washington-Arlington-Alexandria, DC-VA-MD-WV	332.7	1	2,282.1	4

Source: US. Federal Bureau of Investigation, Uniform Crime Reports

Benchmark 14: Median Household Income and Housing Affordability

Metro Area	Med HH Income, 2012		Aff. Index of SF Homes, 2013	
	Income	Rank	Index	Rank
Atlanta-Sandy Springs-Marietta, GA	\$54,628	15	220.7	4
Baltimore-Towson, MD	\$66,970	4	183.1	9
Boston-Cambridge-Quincy, MA-NH	\$71,738	3	130.7	13
Chicago-Naperville-Joliet, IL-IN-WI	\$59,261	11	204.3	6
Dallas-Fort Worth-Arlington, TX	\$56,954	13	206.2	5
Denver-Aurora-Broomfield, CO	\$61,453	8	146.6	12
Detroit-Warren-Livonia, MI	\$50,310	19	NA	NA
Houston-Baytown-Sugar Land, TX	\$55,910	14	196.7	7
Los Angeles-Long Beach-Santa Ana, CA	\$57,271	12	238.0	2
Miami-Fort Lauderdale-Miami Beach, FL	\$46,648	20	120.2	16
Minneapolis-St. Paul-Bloomington, MN-WI	\$66,282	5	227.0	3
New York-Northern New Jersey-Long Island, NY-NJ-PA	\$63,982	7	106.0	17
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	\$60,105	10	189.5	8
Phoenix-Mesa-Scottsdale, AZ	\$51,359	18	179.5	10
Riverside-San Bernardino-Ontario, CA	\$51,695	17	128.8	15
San Diego-Carlsbad-San Marcos, CA	\$60,330	9	80.9	18
San Francisco-Oakland-Fremont, CA	\$74,922	2	72.6	19
Seattle-Tacoma-Bellevue, WA	\$65,677	6	130.2	14
St. Louis, MO-IL	\$52,243	16	269.6	1
Washington-Arlington-Alexandria, DC-VA-MD-WV	\$88,233	1	147.1	11

Source: American Community Survey, 1-Year Estimates; National Association of Realtors

Benchmark 15: Diversity Index, 2010

Metro Area	Index	Rank
Atlanta-Sandy Springs-Marietta, GA	72.9	11
Baltimore-Towson, MD	NA	NA
Boston-Cambridge-Quincy, MA-NH	NA	NA
Chicago-Naperville-Joliet, IL-IN-WI	73.7	9
Dallas-Fort Worth-Arlington, TX	75.9	7
Denver-Aurora-Broomfield, CO	NA	NA
Detroit-Warren-Livonia, MI	NA	NA
Houston-Baytown-Sugar Land, TX	79.6	4
Los Angeles-Long Beach-Santa Ana, CA	79.6	4
Miami-Fort Lauderdale-Miami Beach, FL	74.9	8
Minneapolis-St. Paul-Bloomington, MN-WI	NA	NA
New York-Northern New Jersey-Long Island, NY-NJ-PA	80.5	3
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	NA	NA
Phoenix-Mesa-Scottsdale, AZ	NA	NA
Riverside-San Bernardino-Ontario, CA	73.5	10
San Diego-Carlsbad-San Marcos, CA	76.2	6
San Francisco-Oakland-Fremont, CA	85.3	1
Seattle-Tacoma-Bellevue, WA	NA	NA
St. Louis, MO-IL	NA	NA
Washington-Arlington-Alexandria, DC-VA-MD-WV	80.8	2

Source: US2010 Project, The Pennsylvania State University

Benchmark 16: Research and Development Activity Profile

By Place of Performance, Current Year Dollars

Metro Area	Fed R&D Contracts, 2013 (\$M)		Utility Patents, 2011		University R&D, 2011 (\$M)	
	Count	Rank	Count	Rank	Score	Rank
Atlanta-Sandy Springs-Marietta, GA	\$256.9	14	1,680	14	\$1,354.5	10
Baltimore-Towson, MD	\$1,623.9	6	667	18	\$2,681.6	2
Boston-Cambridge-Quincy, MA-NH	\$2,735.1	3	4,537	4	\$2,239.6	4
Chicago-Naperville-Joliet, IL-IN-WI	\$394.0	13	3,033	8	\$1,691.9	7
Dallas-Fort Worth-Arlington, TX	\$2,605.5	4	2,215	10	\$721.4	15
Denver-Aurora-Broomfield, CO	\$1,402.4	7	745	17	\$483.5	17
Detroit-Warren-Livonia, MI	\$134.8	17	2,253	9	\$288.1	19
Houston-Baytown-Sugar Land, TX	\$1,116.3	9	2,173	11	\$1,832.7	5
Los Angeles-Long Beach-Santa Ana, CA	\$4,394.2	2	5,154	3	\$2,466.8	3
Miami-Fort Lauderdale-Miami Beach, FL	(\$29.3)	20	1,099	16	\$509.2	16
Minneapolis-St. Paul-Bloomington, MN-WI	\$104.7	18	3,113	7	\$857.5	13
New York-Northern New Jersey-Long Island, NY-NJ-PA	\$1,231.4	8	6,252	2	\$3,778.8	1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	\$1,079.6	10	2,069	12	\$1,467.2	9
Phoenix-Mesa-Scottsdale, AZ	\$522.8	12	1,364	15	\$355.2	18
Riverside-San Bernardino-Ontario, CA	\$22.9	19	376	20	\$185.4	20
San Diego-Carlsbad-San Marcos, CA	\$963.5	11	3,293	6	\$1,530.6	8
San Francisco-Oakland-Fremont, CA	\$1,738.7	5	6,468	1	\$1,800.8	6
Seattle-Tacoma-Bellevue, WA	\$249.4	15	3,597	5	\$1,157.5	12
St. Louis, MO-IL	\$196.7	16	616	19	\$832.2	14
Washington-Arlington-Alexandria, DC-VA-MD-WV	\$5,792.1	1	1,790	13	\$1,257.0	11

Source: USASpending.gov; US Patent & Trademark Office; National Science Foundation